

Appendix 5

Contents of Cornell's DSpace Digital Archive on July 27, 2006

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The following metadata was extracted from DSpace. Each field is preceded by a tag (AU: Authors; TI: Title; KW: keywords; IssD: Issue Date; Pub: Publisher; ABS: Abstract; Coll: Collections in which the item appears; File: Lists the files; Desc: is a description of the file; Size: is the size of the file. The URI is the Internet location of that item. Finally, a custom feature we added to DSpace, is a counter of the number of times that item has been visited by users.

The first section lists the Internet-First University Press (IFUP) contents of invited materials (Books and Articles, Multimedia and Videos, Undergraduate Scholarly Publications, Journals, and Symposia, Workshops and Conferences). Our streaming videos and websites are at <http://ifup.cit.cornell.edu>; and most of these and a large number taped, but still being edited, videos are *not* listed below. [DSpace does not at this time support streaming video.]

The second section contains all the remaining 'Communities'. Every academic department has been assigned space for which they have oversight. Also, the Graduate School has oversight for the theses and dissertations, which entries may be designated by the author as 'Closed' for a finite period while only the metadata is freely accessible. All other materials may be freely download for personal usage (but not distributed) and a single copy may be printed or duplicated. The copyright remains vested with the author, rather than having been transferred to IFUP. The authors are entitled to a royalty for mass-produced content.

The IFUP has arranged with Cornell Business Services (Digital Services) to provide on-demand printed, perfect-bound copies in any quantity (one or more) for many of the items in DSpace. Similarly, we have produced (and have many more under way) DVDs as a mechanism for distributing large collections of files and higher resolution videos whose files are too large for general distribution via the Internet at the present time. For ordering information, e-mail digital@cornell.edu

This 472 page appendix portrays the breadth of our initial, but rapidly growing collection.

I. The Internet-First University Press Collections

Books and Articles (IFUP)

AU: Bandler, David K.; Holland, Robert F. TI: Food Science at Cornell University: A Century of Excellence, 1902-2002 KW: Cornell University; Cornell; food science; food technology; food science and technology; food science & technology; food engineering; food processing; food safety; food microbiology; sensory; anti-oxidants; milk; cheese; food packaging; food quality; international food science; undergraduate; graduate; university; dairy science; dairy store; pilot plant IssD: 2002 Pub: Publisher:

ABS: This publication is a comprehensive look at the evolution of the Department of Food Science at Cornell University from the early years through its centennial celebration in 2002. Collection: Books and Articles

File: Food Science Book online.pdf Desc: Description: Size: 8091478

URI: <http://hdl.handle.net/1813/353> Visits: 924

AU: Becker, Carl L. TI: Cornell University: Founders and the Founding KW: Cornell University; Founders IssD: 1943 Pub: Publisher:

ABS: Six lectures delivered at Cornell University on the Messenger foundation in the year 1943, in recognition of the 75th anniversary of the opening of that institution in the year 1868: together with fifteen interesting but hitherto unpublished documents relating thereto. The whole further adduced in explanatory and commentative notes and supported by exact references to the original sources according to the practice of the most eminent historians; with all of which is included an address entitled 'The Cornell tradition,' delivered on April 27, 1940, in recognition of the 75th anniversary of the signing of the charter. Collection: Books and Articles

File: Founders Address.pdf Desc: Description: The Cornell Tradition: Freedom and Responsibility Size: 578176

URI: <http://hdl.handle.net/1813/184> Visits: 2169

AU: Berg, Roy T.; Butterfield, Rex M. TI: New Concepts of Cattle Growth KW: cattle growth; beef production; muscle growth; carcass composition; cattle development; bone growth; muscle distribution IssD: 1976 Pub: Publisher:

ABS: The concepts in this book about growth and development of cattle are as new now to most cattle producers and even to many animal scientists as they were when it was first published in 1976. Genetic effects - represented by breed and sex differences - on patterns of growth of muscle, fat, and bone are graphically presented to provide a vivid elucidation of the effect of mature size on changes in body composition with increasing weight. A comprehensive analysis of muscle dissection data shows that historical attempts to select animals for improved muscle distribution, at least as represented by differences among breeds as diverse as Holstein and Hereford, have been futile. Other effects, such as nutrition, on growth of muscle, bone, and fat are covered, and the effectiveness of indirect methods of predicting carcass composition are summarized. This book is an essential component of the reference collections of agricultural scientists

and livestock farmers who rely on data to make decisions about the value of animals for meat. Collection: Books and Articles

File: Cattle Growth v05Apr#169882.pdf Desc: Description: Size: 10586882

URI: <http://hdl.handle.net/1813/1008> Visits: 5901

AU: Bristow, Barbara J. TI: It All Adds Up KW: savings accounts; using credit; checking accounts; understanding advertising; developing consumer skills; shopping at home IssD: 1998-05 Pub: Publisher:

ABS: This manual is a consumer education program for teens. It provides a basic understanding of the responsible handling of money, including savings and checking accounts, shopping, understanding the role of advertising, and using credit. The intended audience is 13- to 19-year-olds. Collection: Books and Articles

File: All Adds Up Desc: Description: Size: 4937816

URI: <http://hdl.handle.net/1813/70> Visits: 1380

AU: Butterfield, Rex M. TI: New Concept of Sheep Growth KW: sheep growth; muscle growth; sheep development; bone growth; wool; muscle distribution IssD: 1988 Pub: Publisher:

ABS: Sheep are one of the most important animal agricultural species and how they grow is a topic of interest to farmers and agricultural scientists world-wide. This book, published in 1988, lays the foundation for an understanding of how tissues grow in relation to each other and to the maturity of sheep. It first describes the growth of a single sheep and then goes on to show how mature size, castration, gender, and breeds affect body composition at given stages of growth. Special emphasis is placed on modern quantitative methods to define the relative maturing rate, Q , of various parts of the body. The author makes use of an extensive data base on the body composition of Australian Merino and Dorset Horn breeds for comparison purposes. Detailed appendices define terminology, techniques for carcass dissection, suggestion indices for describing changes in body composition during growth, and provide detailed data on dissectible muscle weights in sheep. This classical book should be included in the collections of agricultural scientists and livestock farmers. Collection: Books and Articles

File: New Concepts of Sheep Growth.pdf Desc: Description: bitonal and grayscale pages Size: 48413206

URI: <http://hdl.handle.net/1813/2095> Visits: 999

AU: Cathles, Lawrence M. TI: Natural Climate Change:A Geological Perspective KW: Earth and Atmospheric Sciences Department; Cornell University; Departmental History; Global Warming IssD: 2005-03-04 Pub: Publisher:

ABS: If the 4.6 billion years the earth has been in existence is one day of geologic time, all of recorded earth history corresponds to the last one tenth of one second of that day—hardly enough time to form an opinion of what is going on in the room in which you are sitting, and hardly a good basis for forming a perspective on climate change. Geology provides the needed perspective. From direct evidence (glacial striations, ice-rafted drop stones, changes in pollen, ice cover, and sea level) and indirect evidence (changes in the isotopic composition of sediments and ice, and in the dust content of polar ice) geologists infer that the earth may have been alternatively completely frozen (-50C) and very warm (+50C) in Late Proterozoic time (800-600 million years ago). Thereafter the earth was warmer than present except for “ice ages” in Pennsylvanian

and Permian time (~320-250 million years ago) and in the Quaternary (last 4 million years). Before the last decline in global temperature, England had a climate similar to that of Indonesia. Fossils of crocodiles and broad leaf tropical plants are preserved in the Eocene (40 million year-old) clays there. Continental glaciers developed in Antarctica ~34 million years ago and in Greenland ~8 million years ago. Starting about 2 million years ago continental glaciers periodically covered North America and Europe. Each glacial cycle was ~120,000 years in duration: 100,000 years of ice growth (ice-house conditions) and 20,000 years of warmer, interglacial, green-house conditions. The end of each interglacial was abrupt. The last glacial cycle started about 130,000 years ago. Ice reached Ithaca, New York about 45,000 years ago. At its maximum extent the ice reached to Long Island, and there was ~ 1 mile of ice over Ithaca. The ice age ended abruptly ~12,000 years ago and the last ice melted in Canada ~5,500 years ago. Our interglacial has probably been more uniform in temperature than previous interglacials, but non-the-less there have been significant and rapid climate changes within it. It was warmer than present during the Holocene Maximum (7000-4000 years ago) and during the Medieval warm period (1000-1400 AD), but colder than present during the Little Ice Age (1400-1860) when the Dutch skated on their canals and Washington and Jefferson commuted to Washington D.C. by sleigh. Recent geological studies suggest that recent minor climate changes (last 12,000 years) are caused by changes in solar energy output. These natural climate changes provide a context for discussing changes that might be caused by humans and for what can be meant by "sustainable". Of course climate change is real (40 million years ago England had the climate of Indonesia, but in the last few million years it has been subject to ice ages interspersed with interglacials). Human activity may be a factor, but other factors also operate. If we are to take out insurance (by controlling greenhouse gases, for example), we should consider what we wish most to insure against (another ice age or global warming) and how much we are willing to pay. My recommendation is to make commitments deliberately, wait for scientific clarification (which will come quickly), and avoid politicizing science. Objective science will be our best long-term protection.

Collection: Books and Articles

File: Climate_Change-.pdf Desc: Description: Size: 6280978

URI: <http://hdl.handle.net/1813/2487> Visits: 843

AU: Cope, J. A.; Winch, Fred E. Jr.; Cope, E. A. TI: Know Your Trees KW: alternate; blade; chambered pith; compound leaves; deciduous; entire; lanceolate; leaflet; leaf scar; linear; lobed; margin; midrib; node; oblique; opposite; ovate; palmate; persistent; pinnate; serrate; simple leaves; spur; terminal bud; thorn; truncate IssD: 1948 Pub: Publisher:

ABS: This publication describes 50 common trees native to New York State and other parts of the United States. The bark, twigs, winter buds, leaves, fruit, and distinguishing features of each are described in detail. Illustrations enhance the reader's ability to study the trees in their natural settings. Collection: Books and Articles

File: art.pdf Desc: Description: Size: 7573538

URI: <http://hdl.handle.net/1813/86> Visits: 1732

AU: Decker, Daniel J.; Kelley, John W.; Goff, Gary R.; Schneider, Rebecca; Smith, Charles R.; Curtis, Paul D. TI: Enhancement of Wildlife Habitat on Private Lands KW: benefits of wildlife enhancement; elements of wildlife enhancement; problems of wildlife enhancement; brush shelters; nest structures; living brush piles; den and cavity

tree preservation; feeding stations; water projects; planting and plants; creating and maintaining openings; managing odd areas and corridors IssD: 1998-02 Pub: Publisher:
ABS: This publication describes methods to enhance wildlife populations on private lands. It includes illustrations and instructions for 10 low-cost to moderate-cost projects to provide desirable habitats. Many of the projects are applicable for urban parks, suburban backyards, and rural areas. It also introduces the concept of protecting biological diversity through ecosystem management. Collection: Books and Articles
File: Enhancement of Wildlife on Priv Desc: Description: Size: 8577718
URI: <http://hdl.handle.net/1813/72> Visits: 1389

AU: DeNicola, Anthony J.; VerCauteren, Kurt C.; Curtis, Paul D.; Hynstrom, Scott E.
TI: Managing White-tailed Deer in Suburban Environments KW: deer management; deer-vehicle collisions; deer ecology; nonlethal deer management; deer population reduction; deer damage control IssD: 2000-10 Pub: Publisher:
ABS: Deer populations in suburban environments are soaring, resulting in an increase in deer-related conflicts such as property damage, vehicle collisions, and altered forest ecology. This publication describes strategies and methods for controlling deer populations in suburban environments and provides extensive resource contacts and a list of state wildlife agencies. Collection: Books and Articles
File: Managing White-tailed Deer Desc: Description: Size: 21265897
URI: <http://hdl.handle.net/1813/65> Visits: 1605

AU: Dietert, Rodney R.; Dietert, Janice M. TI: Compendium of Scottish Silver Volume 2
KW: Scottish silver; book; silver; antique; antiques; gold; Scotland; jewelry; hollowware; British; goldsmith; silversmith; catalog; catalogue; jeweler; museum; auction; photos; compendium; archives; timeline; glossary; history; Edinburgh; Glasgow; Aberdeen; Dundee; miscellaneous; mug; thistle mug; porringer; bleeding bowl; quaich; salver; tea; tea service; tea kettle; waiter; stand; label; coaster; goblet; cup; funnel; stand; tazza; urn; teapot; salt; tankard; ewer; Scottish; National Museums of Scotland; Colonial Williamsburg; Christie's; Sotheby's; coffeepot; heraldry; crest; arms; motto; chasing; engraving; Jacobite; cartouche; rococo; collecting; collectables; collection; master; apprentice; freeman; training; Bonham's; Phillip's; Incorporation of Goldsmiths; Lyon & Turnbull; Woolley & Wallis; Perth; Inverness; Tain; Wick; Peterhead; thistle; Banff; royal; UK; United Kingdom; Elgin; deacon; Stonehaven; St. Andrews; antique silver; decorative arts; marker's mark IssD: 2006-05-18 Pub: Publisher:
ABS: The Compendium of Scottish Silver is a comparatively comprehensive catalog of antique, as well as some modern, Scottish silver and gold made between 1320ca and 2004 that has appeared in public and private collections, auction sales and antique shops during the past 50-100 years. It represents an attempt to provide a representative view of Scottish silver production over the centuries as reflected in extant examples. Additionally, the catalog is useful in evaluating the relative rarity of various forms (e.g. Scottish cake baskets or dish crosses) as well as the primary craftsmen producing specific forms (e.g. egg-shaped teapots, dolphin-handled creamboats). The catalog contains over 5,100 listings arranged alphabetically by item (e.g. bowls, candlesticks, flatware, etc.) and presented among items, chronologically. Volume 2 is a continuation from Volume 1. This volume contains the second half of the alphabetical listings from Miscellaneous-Wine as well as a Guide, a Listing of First Appearances and a Glossary of the terms use in describing the silver as well as its production and decoration. Photographic examples for most categories are also included before each set of listings.

The book should be a helpful resource for collectors, museums, antique dealers, auction houses, as well as historians, genealogists and other researchers. Collection: Books and Articles

File: Silver Rev vol two smaller REV6-063.pdf Desc: Description: Size: 2578754

URI: <http://hdl.handle.net/1813/3027> Visits: 918

AU: Dietert, Rodney R.; Dietert, Janice M. TI: Compendium of Scottish Silver Volume 1
KW: Scottish silver; book; silver; antique; gold; Scotland; jewelry; hollowware; British; goldsmith; silversmith; catalog; catalogue; jeweler; museum; auction; photos; compendium; archives; timeline; glossary; history; Edinburgh; Glasgow; Aberdeen; Dundee; basket; beaker; badge; broach; bowl; cream; creamboat; tea; candlestick; caster; dinnerware; flatware; spoon; fork; knife; dish; plate; church; parish; communion; flagon; laver; cup; tongs; scoop; National Museums of Scotland; Colonial Williamsburg; Christie's; Sotheby's; coffeepot; heraldry; crest; arms; motto; chasing; engraving; Jacobite; cartouche; rococo; collecting; collectables; collection; master; apprentice; freeman; training; Bonham's; Phillip's; Incorporation of Goldsmiths; cruet; Lyon & Turnbull; Woolley & Wallis; Perth; Inverness; Tain; Wick; Peterhead; thistle; Banff; royal; UK; United Kingdom; Elgin; deacon; Stonehaven; St. Andrews; antique silver; decorative arts; marker's mark IssD: 2006-05-18 Pub: Publisher:

ABS: The Compendium of Scottish Silver is a comparatively comprehensive catalog of antique as well as some modern Scottish silver and gold made between 1320ca and 2004 that has appeared in public and private collections, auction sales and antique shops during the past 50-100 years. It represents an attempt to provide a representative view of Scottish silver production over the centuries as reflected in extant examples. Additionally, the catalog is useful in evaluating the relative rarity of various forms (e.g. Scottish cake baskets or dish crosses) as well as the primary craftsmen producing specific forms (e.g. egg-shaped teapots, dolphin-handled creamboats). The catalog contains over 5,100 listings arranged alphabetically by item (e.g. bowls, candlesticks, flatware, etc.) and presented among items, chronologically. Volume 1 contains the alphabetical listings from Baskets-Ink Pots as well as a Guide, a Listing of First Appearances and a Glossary of the terms use in describing the silver as well as its production and decoration. Photographic examples for most categories are also included before each set of listings. Note that Volume 2 is a continuation of the alphabetical categories beginning with "M". The book should be a helpful resource for collectors, museums, antique dealers, auction houses, as well as historians, genealogists and other researchers. Collection: Books and Articles

File: Silver Rev vol one smaller R6-06.pdf Desc: Description: Size: 2123702

URI: <http://hdl.handle.net/1813/3026> Visits: 1266

AU: Eames-Sheavly, Marcia; Pritts, Marvin; Cramer, Craig; Bushway, Lori; Merwin, Ian; Reisinger, Richard; McKay, Steven TI: Cornell Guide to Growing Fruit at Home KW: tree fruits; grapes; strawberries; brambles; blueberries; currants; gooseberries; elderberries; kiwi fruit; pruning; pest management IssD: 2003-05 Pub: Publisher:

ABS: Growing fruit at home can be an enjoyable activity that provides nutritious food for your family. This publication describes how to choose the best varieties; select sites; prepare soil; plant, prune and train shrubs and trees; and deal with diseases and pests. Collection: Books and Articles

File: Cornell Guide to Growing Fruit Desc: Description: Size: 1932023

URI: <http://hdl.handle.net/1813/67> Visits: 2219

AU: Earle, Brian O. TI: The First-Year Experience: A Guide to Best Practices at Cornell University KW: first-year students; welcome letters; faculty advising; peer advising; student orientation IssD: 2004-01-20 Pub: Publisher:

ABS: A survey of Cornell University students indicated that many feel isolated and are dissatisfied with their interactions with faculty and with other students. This paper looks at current best practices at Cornell in order to make the first-year experience more enjoyable for Cornell students. Collection: Books and Articles

File: The First-year Experience Desc: Description: Size: 126511

URI: <http://hdl.handle.net/1813/73> Visits: 1612

AU: Elliot, John Murray TI: Animal Science at Cornell University 1963 - 2000: Observations and Reflections of an Insider KW: animal science; Cornell University; Agriculture; Department History; 1963 thru 2000; Teaching; Research; Extension; Facilities; Academic Highlights; Faculty; Courses; Degrees Awarded IssD: 2001 Pub: Publisher:

ABS: This is an update to the 1987 book by Kenneth L. Turk, *Animal Husbandry at Cornell University: A History and Record of Development from 1868 to 1963* prepared by a retired (1991), succeeding Department Chair, J. Murray Elliot. Former chairs provided suggestions of what they considered significant items during their administrations. From the beginning it was agreed that this volume would be relatively brief, without some of the detail that characterized Ken Turk's history. Some additional information has been made available on the department web site (www.ansci.cornell.edu) Collection: Books and Articles

File: AnimalSciAtCU_1963_2000 online.pdf Desc: Description: Size: 2598493

URI: <http://hdl.handle.net/1813/318> Visits: 1072

AU: Foote, Robert H. TI: A Connecticut Yankee in Nisei King Company's Court: With the Japanese American 442nd RCT in World War II KW: Nisei; Japanese American; 442nd RCT; World War II; freedom IssD: 2005-04-04 Pub: Publisher:

ABS: This is the story of a country boy raised on a dairy farm in Gilead, CT who, like many others, was caught up in the struggle to stop the onslaught led by the tyrannical dictators who started World War II. It is a story of how the horrors of war and the experience with the brave, bright, loyal Americans of Japanese ancestry taught me a great deal about the meaning of life -- a meaning Collection: Books and Articles

File: A Connecticut Yankee-4-4-05.pdf Desc: Description: Size: 239723

URI: <http://hdl.handle.net/1813/676> Visits: 729

AU: Ginet, Carl TI: Knowledge, Perception, and Memory KW: knowledge; truth; confidence; justification; external conclusiveness; perceptual facts; perceptual knowledge; memory knowledge; senses; memory IssD: 1975 Pub: Publisher:

ABS: This book attempts a general definition of what it is to know that a thing is so. The book gives accounts of two fundamentally important kinds of knowledge: that based on perception and that based on memory. Regarding the justification of claims to know, it takes a fundamentalist approach. Collection: Books and Articles

File: license.txt Desc: Description: Size: 1786

URI: <http://hdl.handle.net/1813/81> Visits: 1544

AU: Gussack, Eva; Rossi, Frank S. TI: The Homeowner's Lawn Care and Water Quality Almanac KW: weed control; core aeration; grass selection; lawn equipment maintenance; lawn fertilization; growing grass in shade; growing grass in sun; lawn insect pests; lawn diseases; proper pesticide use; lawn watering; lawn mowing; water quality assessment; yard waste; identifying pollutants IssD: 2000-08 Pub: Publisher:

ABS: All land is in a watershed. Therefore, lawn care practices have a direct impact of the quality of water in a watershed. This publication provides a month-by-month plan for lawn care that results in a healthy lawn while preventing environmental damage. Collection: Books and Articles

File: Lawn Care and Water Quality Alm Desc: Description: Size: 4640196

URI: <http://hdl.handle.net/1813/68> Visits: 1427

AU: Hartman, Paul L. TI: The Cornell Physics Department: Recollections and a History of Sorts KW: Physics Department; Cornell University; Departmental History; Academic Highlights; Faculty IssD: 1993 Pub: Publisher:

ABS: The late Paul Hartman chronicled in his delightfully unique writing style the growth and development of one of the strongest departments at Cornell. "The Physics Department of Cornell has had a long and illustrious history which is nowhere written down in any complete way. It was suggested that the present writer, now on a part time "retirement" appointment in the Physics Department, with which he has been associated during a period going back forty-five years, put together a history of the department." This is an updating of the 1984 manuscript in 1993. Collection: Books and Articles

File: Cornell Physics Dept online.pdf Desc: Description: Size: 23141897

URI: <http://hdl.handle.net/1813/2093> Visits: 764

AU: Haugen, Heidi L. TI: Prevention of Youth Violence KW: children at risk; risk factors; resiliency factors; violence prevention strategy; selecting prevention programs; risk assessment; anger management; conflict resolution; crisis intervention; dating violence; gang violence; mentoring programming; self-esteem programming; social skills programming IssD: 2000-02 Pub: Publisher:

ABS: This publication is designed to to assist those who provide programs aimed at preventing violence among young people. In an analysis of the problem and literature review, it discusses risk factors that lead to violence, strategies for preventing violence, implementing prevention programs, and categories of prevention programs. An extensive annotated bibliography lists and describes books, videos, and other programs that serve as resources for those implementing a program to prevent youth violence. Collection: Books and Articles

Collection: Books and Articles

File: Prevention of Youth Violence Desc: Description: Size: 1437829

URI: <http://hdl.handle.net/1813/71> Visits: 1222

AU: Howard, Rachel; Brazell, Karen; Ferguson, Ann; Young, Joshua TI: Documenting a Metadata Standard for the Performing Arts: An Application Profile for the Global Performing Arts Database (GloPAD) KW: metadata; performing arts; application profile; database; standards IssD: 2006-06-20 Pub: Publisher:

ABS: This paper explains the implementation of the metadata standards for the Global Performing Arts Database, a database of digital objects related to the performing arts worldwide. The paper discusses how the controlled vocabularies were developed, the

existing metadata standards used, and how to read the GloPAD Application Profile, a version of which is attached to this record. Collection: Books and Articles
File: GloPAD_AppProfile_article.pdf Desc: Description: Main article Size: 58994
URI: <http://hdl.handle.net/1813/3215> Visits: 106

AU: Kammen, Michael TI: Contested Values: Democracy and Diversity in American Culture KW: diversity; American culture; society; values; American history; social reform IssD: 1995 Pub: Publisher:
ABS: Because of their diversity, Americans have differed historically about the optimal way to achieve democratic goals in their society and culture. How can the reform impulse best be realized, for example. Temperance? Birth control? Teaching evolution? The merits of internationalism versus isolation? Environmentalism? Improving race relations and the role of women in the workplace? Disagreements have been overcome even as new ones emerge. What results is an on-going dialogue about the quality and character of American culture itself. Ultimately, that dialogue has been about conflicting and competing values. Collection: Books and Articles
File: Contested Values 13Jun05.pdf Desc: Description: Size: 18925413
URI: <http://hdl.handle.net/1813/1009> Visits: 876

AU: Kane, Thomas R. TI: Analytical Elements of Mechanics, Volume 1 KW: mechanics; mechanical engineering; vector algebra; centroids; static equilibrium; vector analysis IssD: 1959 Pub: Publisher:
ABS: This book is the first of two volumes for use in courses in classical mechanics in which students are taught to solve physically meaningful problems arising in a variety of fields. The content and format are based on the author's approach to teaching mechanics. Collection: Books and Articles
File: Analytical Elements M#5308D.pdf Desc: Description: Size: 14891835
URI: <http://hdl.handle.net/1813/640> Visits: 1058

AU: Kane, Thomas R. TI: Analytical Elements of Mechanics, Volume 2: Dynamics KW: mechanics; vector analysis; mechanical engineering; dynamics IssD: 1961 Pub: Publisher:
ABS: This book is the second of two volumes intended for use in courses in classical mechanics. This volume deals with dynamics. The symbolic language used is vector analysis. More than 100 illustrative examples and problems are presented, and practice problems are provided as problem sets. Collection: Books and Articles
File: Analytical Elements M#530D9.pdf Desc: Description: Size: 18198844
URI: <http://hdl.handle.net/1813/641> Visits: 960

AU: Kane, Thomas R.; Levinson, David A. TI: Dynamics, Theory and Applications KW: dynamics; mechanical engineering IssD: 1985 Pub: Publisher:
ABS: This textbook is intended to provide a basis for instruction in dynamics. Its purpose is not only to equip students with the skills they need to deal effectively with present-day dynam Collection: Books and Articles
File: Dynamics-Theory and A#5314D.pdf Desc: Description: Original Document Size: 194388989
URI: <http://hdl.handle.net/1813/638> Visits: 1391

AU: Kane, Thomas R.; Likins, Peter W.; Levinson, David A. TI: Spacecraft Dynamics
KW: space vehicles; aerodynamics; aeronautical engineering; aerospace engineering;
spacecraft dynamics IssD: 1983 Pub: Publisher:

ABS: This book is an outgrowth of courses taught at Stanford University and at UCLA,
and of the author's professional activities in the field of spacecraft dynamics. It is
intended for use as a textbook in courses of instruction at the graduate level and as a
reference work for engineers engaged in research, design, and development in this field.

Collection: Books and Articles

File: Spacecraft Dynamics.pdf Desc: Description: Size: 62144523

URI: <http://hdl.handle.net/1813/637> Visits: 1151

AU: Laquatra, Joseph; Pierce, Mark R. TI: Waste Management at the Construction Site
KW: waste management; construction debris IssD: 2002-04 Pub: Publisher:

ABS: The construction of a single-family home typically produces more than two tons of
debris. This material is becoming increasingly difficult and expensive to discard. This
publication assists builders in determining both cost-effective and environmentally
sound methods for handling and disposing of construction waste. Collection: Books and
Articles

File: Waste Management at the Constr Desc: Description: Size: 4005408

URI: <http://hdl.handle.net/1813/64> Visits: 1535

AU: Leckie, Jim; Masters, Gil; Whitehouse, Harry; Young, Lily TI: More Other Homes
and Garbage: Designs for Self-sufficient Living KW: renewable energy; solar energy;
wind energy; microhydropower; sustainability; alternative architecture; methane
digesters; self-sufficient living; appropriate technology IssD: 1981 Pub: Publisher:

ABS: Population growth, resource depletion, unstable ecosystems, and economic strains
are some of the interlinked and uncertain hazards that deteriorate the life experiences of
people. Conservation of resources and greater reliance on renewable energy systems
sized to the home and perhaps even constructed by the homeowner can provide part of
the solution. This book, written by engineers but accessible to anyone with a good
calculator, shows how to design and manage technologies that are small-scale,
decentralized, conservative, and environmentally gentle. Collection: Books and Articles

File: More Other Homes v05#169521.pdf Desc: Description: Size: 35725307

URI: <http://hdl.handle.net/1813/1006> Visits: 1475

AU: Lembo, Arthur J. Jr. TI: How Do I Do This in ArcGIS/Manifold?: Illustrating
Classic GIS Tasks KW: database management; database creation; database manipulation
and analysis; data display and presentation IssD: 2004-07-29 Pub: Publisher:

ABS: In 1988, the United States Geological Survey (USGS) created a classic document
titled "The Process for Selecting Geographic Information Systems" (Guptil, et. al., 1988).
The document provided an overview of the process for selecting geographic
information systems, in addition to a checklist of functions that a GIS should include.
The functions were broken into five separate categories: user interface, database
management, database creation, data manipulation and analysis, and data display and
presentation. The document became required reading for those involved in the
selection of GIS, and was often used as a supplementary checklist in competitive
benchmarks of GIS software. Although the document is over 15 years old, many of the
functions listed are still relevant today, and represent some of the most commonly used

features within GIS. In fact, the document was so forward thinking that most GIS software produ

Collection: Books and Articles

File: license.txt Desc: Description: Size: 1796

URI: <http://hdl.handle.net/1813/165> Visits: 10692

AU: Maxwell, Lorraine E. TI: Designing Child Care Settings: A Child-Centered Approach KW: child care environment; child care developmental goals; evaluating child care settings; child care site selection IssD: 1998-05 Pub: Publisher:

ABS: This manual is designed to help child care providers (including directors and staff of day care centers, Head Start centers, nursery schools, and family child care) design indoor and outdoor settings for infants, toddlers, preschoolers, and younger school-age children. It stresses the importance of the physical environment on influencing children's experiences. The manual also contains information on designing a new center and working with an architect. Collection: Books and Articles

File: Designing Child Care Settings Desc: Description: Size: 1718100

URI: <http://hdl.handle.net/1813/69> Visits: 1841

AU: Oliver, Jack E. TI: The Incomplete Guide to the Art of Discovery KW: about discovery; strategy for discovery; tactics for discovery; personal traits and attitudes for discoverers IssD: 1991 Pub: Publisher:

ABS: Cornell emeritus professor Jack Oliver draws on his nearly 50 years as a scientist to explore the strategies, tactics, and personal traits and attitudes necessary for fruitful scientific discovery. Collection: Books and Articles

File: license.txt Desc: Description: Size: 1796

URI: <http://hdl.handle.net/1813/83> Visits: 2209

AU: Oliver, Jack E. TI: Shakespeare Got It Wrong, It's Not "To Be," It's "To Do." The Autobiographical Memoirs of a Lucky Geophysicist. KW: IssD: 2000 Pub: Publisher:

ABS: Cornell Emeritus Professor Jack Oliver reflects, often quite humorously, on his life and career. Includes stories of his boyhood in Ohio, his college days at Columbia, and his years teaching and conducting research at Cornell. Also includes discussions of his breakthrough work in plate tectonics. Collection: Books and Articles

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/75> Visits: 1599

AU: Orear, Jay TI: Enrico Fermi-The Master Scientist KW: IssD: 2004-01-27 Pub: Publisher:

ABS: Cornell Emeritus Professor Jay Orear discusses his relationship with his former professor and mentor Enrico Fermi. The book also includes discussions of Fermi by other scientists, most of whom presented their papers at various symposia honoring Fermi's career. Collection: Books and Articles

File: Enrico Fermi?The Master Scienti Desc: Description: Size: 3918747

URI: <http://hdl.handle.net/1813/74> Visits: 2718

AU: Rand, Richard H. TI: Lecture Notes on Nonlinear Vibrations KW: phase plane; Duffing oscillator; van der Pol oscillator; forced Duffing Oscillator; forced van der Pol oscillator; Mathieu's Equation; Ince's Equation; two coupled conservative oscillators; two coupled limit-cycle oscillators; center manifolds; N coupled limit-cycle oscillators;

continuum of coupled conservative oscillators; Melnikov's Method for predicting chaos
IssD: 2004-01-28 Pub: Publisher:

ABS: Cornell engineering professor Richard Rand has collected his lecture notes covering 13 topics related to nonlinear vibrations. Collection: Books and Articles

File: license.txt Desc: Description: Size: 1796

URI: <http://hdl.handle.net/1813/79> Visits: 1873

AU: Rudan, John W. TI: The History of Computing at Cornell KW: The early days of punched card systems; The beginning and increasing use of computers in instruction; Use of computers to support university research activities; statistical programs; Use of computers for data processing for university business systems; Operating system and programming language software developed at Cornell; Computer Science Department and use of computers in instruction; Microcomputers/Personal computers on campus; sales and support; Text and Word Processing Developments, Desktop Publishing; Supercomputing at Cornell; Library use of Information Technology (Mass Storage and Printing Technologies); The transition from Computing to Information Technology; Telecommunications and telephone systems; NSFNet and its evolution to the Internet; Network developments and systems at Cornell; Electronic Mail developments and use at Cornell; CUINFO, CU-SeeMe, Project Mandarin, Bear Access; Cornell leadership activities in computing/IT and networking applications and technology; Y2K - the year 2000 transition at Cornell; P2K - Project 2000 (the transformation of business systems at Cornell); Time lines of computing/IT activities at Cornell (Appendix) IssD: 2004-01-29
Pub: Publisher:

ABS: John W. Rudan, Director Emeritus of the Office of Information Technologies at Cornell University, describes the development of computing at Cornell, from the earliest punchcard tabulating equipment used in the 1920s to the establishment of the Supercomputing Center in the late 1980s and subsequent activities in the 1990s. Collection: Books and Articles

File: license.txt Desc: Description: Size: 1786

URI: <http://hdl.handle.net/1813/82> Visits: 1707

AU: Smith, Arthur E.; Craven, Scott R.; Curtis, Paul D. TI: Managing Canada Geese in Urban Environments KW: Canada goose management; Canada goose biology; Canada goose habitats; Canada goose reproduction management IssD: 2000-09 Pub: Publisher:

ABS: In many areas of the United States and Canada, the Canada goose has adapted to urban landscapes, foraging on mowed lawns and nesting near ponds and reservoirs. Geese may congregate at parks, golf courses, and athletic fields and create nuisance situations. This manual helps wildlife professionals, turfgrass managers, and homeowners select appropriate management strategies for alleviating problems caused by resident, nonmigratory geese. Collection: Books and Articles

File: Managing Canada Geese Desc: Description: Size: 389606

URI: <http://hdl.handle.net/1813/66> Visits: 1641

AU: Stanton, Bernard F. ("Bud") TI: Agricultural Economics at Cornell: A History, 1900-1990 KW: Agricultural Economics; Applied Economics and Management; Cornell University; Agriculture; Department's History by Decades; 1900 thru 1990; Teaching; Research; Extension; Facilities; Academic Highlights; Faculty; Courses; Degrees Awarded; Farm Management; Great Depression; Role of Government; Impact of World

War and Technology; Computing; Resource and Environmental Economics; Warren Hall IssD: 2001 Pub: Publisher:

ABS: This 292-page picture-filled book, first-ever history of the department chronicles the major contributions made by its faculty and students to research, teaching, and extension in the field of agricultural economics during the twentieth century. The book's chapters focus on the key people and events of each decade and describes the transitions and celebrates the accomplishments of a department noted for its commitment to people and finding solutions to real economic problems. Collection: Books and Articles

File: Stanton Agr Econ History online.pdf Desc: Description: Size: 24430051

URI: <http://hdl.handle.net/1813/2094> Visits: 814

AU: Stanton, Lara K. TI: History of Kendal at Ithaca, 1990 toward 2000 KW: Kendal at Ithaca; History 1990 toward 2000; continuing care retirement community; life care community; www.kairens.kendal.org IssD: 2000 Pub: Publisher:

ABS: Lara K. Stanton, a resident of Kendal at Ithaca, provides a history of the development of New York State's first continuing care retirement community. Collection: Books and Articles

File: Kendal_History_all.pdf Desc: Description: Size: 10826597

URI: <http://hdl.handle.net/1813/356> Visits: 973

AU: Turk, Kenneth TI: Animal Husbandry at Cornell: A History and Record of Development from 1868 to 1963 KW: Animal Husbandry; Cornell University; Agriculture; Animal Culture; Study and Teaching IssD: 1987 Pub: Publisher:

ABS: Animal husbandry at Cornell is as old as the university itself. It is hoped that those that study this early history will grasp the significance of the evolutionary growth and development of the College's functions in educating and training men and women for leadership, the contributions to animal agriculture through research, and the transfer of knowledge and technology to livestock producers, industries, and consumers. Progress and development of animal husbandry at Cornell from the beginning through 1963 provided a firm foundation for even greater accomplishments in the future in the animal science. Collection: Books and Articles

File: Animal Husbandry at Cornell 16Jun05.pdf Desc: Description: Size: 38564497

URI: <http://hdl.handle.net/1813/1519> Visits: 1064

AU: Velleman, Paul F.; Hoaglin, David C. TI: Applications, Basics, and Computing of Exploratory Data Analysis KW: stem-and-leaf displays; letter-value displays; boxplots; x-y plotting; resistant line; smoothing data; coded tables; median polish; rootograms; computer graphics; utility programs; programming conventions; minitab implementation IssD: 1981 Pub: Publisher:

ABS: Collection: Books and Articles

File: A-B-C_of_EDA_040127.pdf Desc: Description: Size: 7073134

URI: <http://hdl.handle.net/1813/78> Visits: 1883

AU: Young, Joshua TI: On Metadata: Performing Arts Materials In Our Digital World KW: performing arts; theatre; metadata; databases; Internet access IssD: 2006-06-20 Pub: Publisher:

ABS: This paper is intended to describe the development of the Global Performing Arts Database (GloPAD) system for performing arts materials, in particular to describe for

non-information technology people the metadata structure on which this system is based and how this structuring relates to the study of performing arts. After a brief introduction to the workings of the database system, this paper discusses the crucial information structures for the study of performing arts histories, focusing in particular on how to describe performance productions, pieces that are performed, and Collection: Books and Articles

File: On_Metadata_v3.pdf Desc: Description: Main article Size: 2186728

URI: <http://hdl.handle.net/1813/3214> Visits: 113

Multimedia and Videos (IFUP)

AU: Bethe, Hans TI: Quantum Physics Made (Relatively) Simple: Personal and Historical Perspectives of Hans Bethe KW: IssD: 2004 Pub: Publisher:

ABS: In 1999, the legendary theoretical physicist Hans Bethe delivered three lectures to his neighbors at the Kendal of Ithaca retirement community. The lectures are presented with Dr. Bethe's notes and archival material. An introduction and appreciation is provided by Professor Silvan S. Schweber, the noted science historian who is also Dr. Bethe's biographer, and Edwin E. Salpeter, the J. G. White Distinguished Professor of Physical Science Emeritus at Cor Collection: Multimedia and Videos

File: bethe.html Desc: Description: Size: 2948

URI: <http://hdl.handle.net/1813/80> Visits: 2751

AU: Dewey, Martha; Relta, Vivian; Cruz, Dane; Brown, Kimberly; [CITE], Cornell Interactive Theatre Ensemble TI: "One Vision, Many Voices: First Year Diversity Initiative" featuring the Cornell Interactive Theater Ensemble's presentation of "Being Antigone." KW: diversity; Antigone; Cornell University; vision; voices; Cornell Interactive Theater Ensemble; CITE; first-year orientation IssD: 2004-04-02 Pub: Publisher:

ABS: This video documents "One Vision, Many Voices", Cornell's annual orientation program for first year students, which augments the Provost's First Year Reading Project. CITE's interactive scenario, "Being Antigone", contemporizes themes and relationships from Sophocles' Antigone, the text for the '03 Reading Project. The interactive theatre medium stimulates dialogue from multiple points of view about how to listen to and learn from one another when we profoundly disagree. All first year students attend the program during the first three weeks of the semester. For more information about the scenario and the program's "learning points", see the Collection: Multimedia and Videos

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/96> Visits: 2434

AU: For Rose Films, Inc. TI: "I Can Do That!" Hans Bethe's First 60 Years at Cornell KW: Hans Bethe; biography; Cornell University; Dale Corson; Robert Wilson; John Bachall; Sylvan Schweber; Edwin Salpeter IssD: 1995 Pub: Publisher:

ABS: This video provides a brief overview of Hans Bethe's life and career, from his childhood and early career in Germany to his 60 years at Cornell. Colleagues Dale Corson, Robert Wilson, John Bachall, Sylvan Schweber, and Edwin Salpeter reflect on Bethe's role in putting Cornell's Physics Department on the international physics scene, his Nobel Prize, his days at Los Alamos and later anti-weapons stance, his involvement in Cornell politics, and his rema Collection: Multimedia and Videos

File: license.txt Desc: Description: Size: 1802
URI: <http://hdl.handle.net/1813/84> Visits: 8058

AU: Handler, Philip; Handler, Maddy TI: Portrait of a Cornell Artist: Elsie Dinsmore Popkin, BFA'58 KW: Elsie Dinsmore Popkin; Pastel Artist; Cornell College of Architecture, Art, & Planning; Cornell Department of Art; Dragon Day; Cornell Plantations; Herbert F. Johnson Museum of Art; Cornell Views through the Seasons exhibition; Cornell campus views; Cayuga Lake views; Cornell Plantations views; Cornell Class of 1958; NYC Uptown Gallery IssD: 2003-06 Pub: Publisher:

ABS: This video about pastel artist, Cornell alumna Elsie Dinsmore Popkin, BFA '58, is an entertaining narrative by the artist of her life while an art student at Cornell in the mid-1950's. This video has the artist describing how she creates her art, and shows her current work displayed in the NYC Uptown Gallery as well as her recent exhibition at the Herbert F. Johnson Museum of Art created from the 5th floor of the Museum while looking up Lake Cayuga, as well as looking down upon the beautiful Cornell campus as the seasons changed. Created in 2003, on the occasion of her 45th Reunion, this video includes vintage photos from her years at Cornell, as well as recent video taken of Popkin creating her floral pastels in the Cornell Plantations. Collection: Multimedia and Videos

File: popkin.html Desc: Description: Size: 2118
URI: <http://hdl.handle.net/1813/229> Visits: 1704

AU: Producer: Fly on the Wall Productions; Handler, Philip; Handler, Maddy TI: Being Eisenman KW: Being Eisenman; Institute of Architecture and Urban Studies; Architecture; Cornell Architecture; Richard Meier; Colin Rowe; New York Five; The Whites; Deconstructivism; Eisenman Architects; Charles Gwathmey; Robert AM Stern; Mark Wigley; Werner Seligman; Kenneth Frampton; Oppositions; Alan Plattus; Fred Koetter; Stanley Tigerman; Michael Graves; Jaquelin Robertson; Rafael Vinoly; Cornell Cheerleading; Cornell Swimming; Scottie Little; Michael McKinnell; Arthur Drexler; Burnham Kelly; Wexner Center; Arizona Cardinals Stadium; Cornell Class of 1954 IssD: 2004-06 Pub: Publisher:

ABS: This video is a highly personal account of Eisenman's life and work told by alumnus Peter Eisenman'54, created in celebration of his 50th Cornell Reunion. Vintage pictures from Eisenman's years at and right after Cornell, as well as recent video taken of Professor Eisenman teaching at Yale, overlay the narration by Eisenman. Brief comments by nine of his well-known colleagues and friends in the architectural field, including Cornell architect and friend Richard Meier'56, are interspersed throughout the riveting story he shares about his Cornell years, the years following Cornell, and his current work as head of his NYC firm, Eisenman Architects. Collection: Multimedia and Videos

File: eisenman.html Desc: Description: Size: 1873
URI: <http://hdl.handle.net/1813/197> Visits: 1909

AU: Strogatz, Steven H. TI: Nonlinear dynamics and chaos: Lab demonstrations KW: Steven Strogatz; Howard Stone; John Dugundji; Irving Epstein; Kevin Cuomo; Diana Dabby; nonlinear; dynamics; chaos; oscillator IssD: 1994 Pub: Publisher:

ABS: This v Collection: Multimedia and Videos

File: Strogatz commentary.pdf Desc: Description: Notes on the Video Size: 223097
URI: <http://hdl.handle.net/1813/97> Visits: 6917

AU: Videography; Brian Steblen TI: Dale Corson-Cornell's Good Fortune KW: Dale Corson; Cornell University History; Cornell University Physics Department; College of Engineering; Provost; University President IssD: 1999 Pub: Publisher:

ABS: This video chronicles the life of Cornell President Emeritus Dale Corson, from his boyhood and college years in Kansas to his distinguished career at Cornell. Commentary by various Cornell colleagues includes discussion of Corson's roles as Chair of the Physics Department, Dean of the College of Engineering, Provost, and President. The program also looks at Corson's very active post-retirement life, including his role in the creation of the Kendal at Ithaca retirement community. A streaming media version of this file is available

<http://streaming1.video.cornell.edu:8080/ramgen/corson/corson.rm>. Collection: Multimedia and Videos

File: CORSON.RM Desc: Description: Size: 34127922

URI: <http://hdl.handle.net/1813/85> Visits: 2137

NOTE: Additional videos not listed here are at
<http://ifup.cit.cornell.edu>

EJournal CIGR (IFUP)

AU: Abu-Khalaf, N.; Agus, F.; Alkan, S.; Alvarez, C.; Ampratwum, D.; Atiku, A.; Audu, I.; Aviara, N.; Bakker-Arkema, F.; Bennedsen, B.; Bjerg, B.; Bjorn, G.; Blackmore, B.; Bober, J.; Bodria, L.; Bot, G.; Bravo, C.; Cancela, J.; Carreno, A.; Clemente, R.; Cosandey, C.; Crecente, R.; Cuesta, T.; Cui, Y.; Dasylva, S.; Davies, B.; De Montis, A.; De Montis, S.; Demirci, A.; Deng, W.; Dewangan, K.; Di Marco, M.; Diaz, J.; Dominguez-Dominguez, J.; Dorvlo, A.; Eko, R. Medjo; El-Fadel, M.; Fadel, M.; Fountas, S.; Fragoso, R.; Galletero, P.; Gieling, Th.; Gonzalez-Valadez, M.; Gupta, P.; Hansen, A.; Haque, M.; Harms, H.; Have, H.; Hermiyanto, B.; Irudayaraj, J.; Islam, M.; Jacobsen, L.; Kai, P.; Kalbasi-Ashtari, A.; Kazama, F.; Keener, H.; Khazaei, J.; Kipkurui, L.; Kithyo, I.; Korfali, S.; Korir, J.; Kumar, P.; Lammers, P. Schulze; Lance, J.; Lester, J.; Li, S.; Li, Y.; Lin, Y.; Mann, D.; Mao, Z.; Marks, B.; Massoud, M.; McCartney, A.; Michel Jr., F.; Monteny, G.; Montero, J.; Morsing, S.; Moshou, D.; Munoz-Hernandez, G.; Musy, A.; Mutaf, S.; Nakano, Y.; Neira, X.; Neumeister, C.; Nielsen, O. Frosig; Noeme, C.; Oberti, R.; Okemwa, P.; Oloso, A.; Opara, L.; Orange, D.; Pappalardo, G.; Pathak, B.; Pedersen, S.; Pena, A.; Perez, J.; Picuno, P.; Ramon, H.; Ranamukhaarachchi, S.; Rosentrater, K.; Russo, P.; Sakhamuri, S.; Salokhe, V.; Sambou, S.; Sangha, M.; Santamarina, M.; Saptomo, S.; Schafer, A.; Scrimshaw, M.; Seber, N.; Setiawan, B.; Sica, C.; Singh, G.; Sousa, P.; Sun, H.; Takai, H.; Tang, L.; Thapar, V.; Tomaselli, G.; Toshiaki, I.; Umar, B.; Valera, D.; Valles, J.; Vejasit, A.; Verma, S.; West, J.; Xin, H.; Yuan, Y.; Yuwono, A.; Zhang, Q.; Zoebisch, M.; van Straten, G.; van Wagenberg, A. TI: CIGR E-Journal Volume 6 KW: Power Tiller Tyre; Modeling; Single-stage Hydrocyclone; Potato Starch Separation; Water Supply; HCID; Yellow River Basin; China; Ventilation; Air Exchange; Poultry Houses; Carrots; Near Infrared (NIR) Reflectance; Multivariate Data Analysis; Nisin Fermentation; FTIR Spectroscopy; Climate; Simulation; Pigs; Agricultural Plastic Films; sotropic Stress State Framework; Suction; Sainte-Rosalie Clay; Temperature; Sea Buckthorn Berries; Dust Collection; Odor Detection; Land Use; Abou Ali River; Lebanon; Lactococcus lactis subsp. lactis; Biofilm Reactors; Axial Flow Thresher; Soybean; Closed Growing Systems;

Post-harvest Pre-cooling Processes; Cyclical Heat Treatment; Red Haven Peaches; Shahmiveh Pears; Cold Storage; Small Autonomous Tractor; Terra Cha Irrigators Community; Geographic Information System; Spain; Bambara Ground Nut Sheller; Concentric Cylinder Locust Bean Dehuller; Livestock Buildings; Densification; Rigid Frames Structures; Truss Steel Structures; Runoff; Soil Loss; Nutrient Loss; Watershed; Indonesia; Sheep Breeding; Goat Breeding; Sicily; Biodiesel Fuels; Sardina; Italy; Rainwater Infiltration; Groundwater Management; Dakar; Foliar Disease; Optical Sensor Fusion; Nahr-Ibrahim; River Sediments; Floodplain; Perforated Benches; Stress-Relaxation Behavior; Plant Oils; Methyl Esters; Ear-Corn Dryers; Tropical Paddy; Nitrogen; Thailand; Alentejo; Farms; Irrigation; Carbon Dioxide; Goats; VRT-based Granular Fertilizer Broadcasting Systems; Tidal Peatland Agriculture; Oman; Kenya; Ammonia; Greenhouse Gas IssD: 2004 Pub: Publisher:

ABS: (1.) P. Kumar and K. Dewangan. Deflection and Contact Characteristics of a Power Tiller Tyre. (January 2004). ...(2.) S. Li and Y. Lin. Modeling a Single-stage Hydrocyclone for Potato Starch Separation.(February 2004). ...(3.) Y. Cui, Y. Li, Z. Mao, J. Lance and A. Musy. Strategies for Improving the Water Supply System in HCID, Upper Reaches of the Yellow River Basin, China . (March 2004). ...(4.) S. Mutaf, S. Alkan and N. Seber. The Effects of Natural Ventilation Air Exchange on Psychrometric Results in Poultry Houses in Hot Environment - Design Characteristics. (March 2004). ...(5.) N. Abu-Khalaf, B. Bennedsen and G. Bjorn. Distinguishing Carrot's Characteristics by Near Infrared (NIR) Reflectance and Multivariate Data Analysis. (March 2004). ...(6.) S. Sakhamuri, J. Bober, J. Irudayaraj and A. Demirci. Simultaneous Determination of Multiple Components in Nisin Fermentation Using FTIR Spectroscopy. (March 2004). ...(7.) A. van Wagenberg, B. Bjerg and G. Bot. Measurement and Simulation of Climatic Conditions in the Animal Occupied Zone Collection: CIGR

File: Invited overview Pedersen 24August2004.pdf.txt Desc: Description: Extracted text Size: 33119

URI: <http://hdl.handle.net/1813/896> Visits: 1920

AU: Adejumo, B.; Adetunji, J.; Ajav, E.; Ajisegiri, E.; Al-Kufaishi, S.; Annuk, A.; Aradas, M.; Arranja, C.; Assaad, V.; Aviara, M.; Bamgboye, A.; Max, J.; Mijinyawa, Y.; Mohammed, U.; Mollo, M.; Morsing, S.; Munack, A.; Mutwiwa, U.; Naas, I.; Prochnow, A.; Negi, S.; Sivakumar, S.; Ngadi, M.; Nimmermark, S.; Oard, D.; Ojolo, S.; Olamutu, A.; Omisakin, O.; Oni, K.; Ozturk, T.; Pan, L.; Qian, Y.; Soni, P.; Pandorfi, H.; Patil, K.; Pedersen, S.; Pereira, L.; Queiroz, M.; Quendler, E.; Raghavan, G.; Raji, A.; Reimann, W.; Bastola, S.; Sourell, H.; Rijo, M.; Roy, K.; Sagara, Y.; Sakamoto, Y.; Salgado, D.; Salokhe, V.; Sampaio, C.; Sanno, J-O.; Sarkar, B.; Schelle, H.; Srivastava, A.; Bayrakh, M.; Schmersahl, R.; Schmidt, D.; Scholz, V.; Schrock, M.; Schroeder, O.; Schueller, J.; Segre, A.; Seo, Y.; Shao, P.; Stein, H.; Shrestha, S.; Bellmer, D.; Silva, K.; Singh, H.; Strom, J.; Sullivan, M.; Tambunan, A.; Blackmore, S.; Tantau, H.; Hoffman, T.; Tiwari, G.; Tomson, T.; Ullman, J.; Umar, B.; Veinla, V.; Veith, P.; Wagner, A.; Wang, N.; Woods, S.; Bora, G.; Hou, J.; Yiljep, Y.; Yoshida, M.; Yuan, J.; von Wachenfelt, E.; Bowser, T.; Boxberger, J.; Buenger, J.; Buescher, W.; Burks, T.; Bux, M.; Huhnke, R.; Campos, S.; Carvalho, V.; Da Silva, I.; Dhakal, U.; Dong, R.; Drenckhan, A.; Durairaj, C. Divaker; Ehsani, M. Reza; Endo, R.; Fumen, G.; Hultgren, J.; Furl, Ch.; Gasparetto, E.; Gavioli, G.; Ghobadian, B.; Goodrich, P.; Grimm, J.; Gustafsson, G.; Hassan-Beygi, S.; Hassenberg, K.; Haubenschild, D.; Idler, Chr.; Hayward, G.; Heiermann, M.; Heinloo, M.; Herbst, L.; Ido, S.; Jacobsen, L.; Jekayinfa, S.; Jeppsson, K-H.; Jiang, S.; Petrics, H.; Jofriet, J.; Kathirvel, K.; Kaufmann, A.; Kawagoe, Y.; Kazama, F.; Kazemi, S.; Kitani, O.;

Kolb, T.; Krahl, J.; Kushwaha, H.; Pohl, A.; Kyei-Baffour, N.; Lee, W.; Leola, T.; Li, S.; Linke, B.; Lui, G.; Mahnert, P.; Maletti, G.; Maly, P.; Mamman, E.; Prasher, S.; Manian, R.; Massafra, V. TI: CIGR E-Journal Volume 7 KW: Image Analysis; Temperature Distribution; Vacuum Cooling; Floor Housing System; Laying Hens; Noise Attenuation Characteristics; Power TillerTransport; Phytosterol; Synthesized VE Succinate; Rapeseed Oil Deodorizer Distillate; Statistical Modeling; Pollution; Fuji River Basin; Japan; Irrigation; Fuel Design; Fuels; Broiler Houses; Soil Science; Tropical Greenhouses; Swine Production; Concrete; Rice Production; Agricultural Wastes; Nigeria; Weaner Houses; Dairy Cows; Tobacco Wastes; Anaerobic Digestion; Solid Waste; Wind Energy; Estonia; Ammonia Application; Child Safety; Farm Safety; Farm Transportation; Energy Consumption; Air Quality; Fuel Cell Systems; Frying Oil Quality; Lactic Acid; Fermentation; Thermal Modeling; Fish Farming; Sewage Sludge; Tomato Production; Okra Thresher; Sand; Chopped Switchgrass; Potatoes; Variable Rate Seeding; Earthworms; Lettuce; Chisel Furrowers; Balanites Aegyptiaca Nuts; Ginger Quality; Sorghum harvesting; Landscape Management; Grass; Okra Seed Extractor; China; Farm machinery; European Union -- Agriculture IssD: 2005 Pub: Publisher:

ABS: Collection: CIGR

File: BC 005 001 Pedersen final Oct2005.pdf Desc: Description: Simulation of Heat Requirement and Air Quality in Weaner Houses for Three Climate Regions Using CIGR 2002 Heat Production Equations by S. Pedersen, S. Morsing and J.S. Strom Size: 228685 URI: <http://hdl.handle.net/1813/2626> Visits: 957

AU: Ajav, E.A.; Akingbehin, O.A.; Alchanatis, V.; Auernhammer, H.; Behrens, F.; Bishop, C.; Bjerg, B.; Brehme, G.; Brikman, R.; Cavalaris, C.K.; Cavaliere, R.; Chertkov, V.Y.; Clarke, L.; Clyma, W.; Coolman, F.; Cuello, J.; Curto, F.; Dahl, P.J.; De Castro, P.; Douthwaite, B.; Feldhaus, B.; Feyereisen, G.; Fiala, M.; Fujimoto, H.; Gemtos, T.A.; Hashiguchi, K.; Heege, H.; Hirai, Y.; Hoshiya, S.; Houszka, H.M.; Ibuki, T.; Ikeguchi, A.; Imou, K.; Inoue, E.; Isaac, N.; Johnson, J.O.; Juan, J.A.; Kaizu, Y.; Kashti, Y.; Krause, K.-H.; Kuczynski, T.; Leikam, D.; Miyasaka, J.; Momozu, M.; Mori, K.; Morimoto, E.; Morita, S.; Morsing, S.; Munack, A.; Murayama, M.; Naas, I.; Nagasaka, Y.; Natsis, A.; Nekomoto, K.; Oida, A.; Okamoto, E.; Okamoto, T.; Opara, L.; Ortega, J.F.; Otani, R.; Papadakis, G.; Parnell, C.B.; Pawlak, J.; Pellizzi, G.; Pereira, D.; Pierce, F.; Pitsilis, I.; Pochi, D.; Reid, J.; Salagado, D.; Schrock, M.; Shaw, B.W.; Shigeta, K.; Shimizu, H.; Slack, D.; Slobodzian-Ksenicz, O.; Staggenborg, S.; Suguri, M.; Svidt, K.; Takai, H.; Takakura, T.; Tamimi, A.; Taniwaki, K.; Tarjuelo, J.M.; Taylor, R.; Tsheko, R.; Umeda, M.; Vannucci, D.; Wang, L.; Zhang, G. TI: CIGR E-Journal Volume 4 KW: Natural Ventilation; Airflow; Irrigation; Semi-Arid; Spain; Ethanol; Fuel; Diesel; Livestock; Planter; Seed; Turkey; Ammonia; Piglet; Plant Species; Tillage Methods; Sugar Beet; Cyclones; Cotton-Gin; Poultry; Sonic Sprayer; Rice; Crop Stalks; Combine Harvester; Soil; DEM; Off-Road Vehicle; Sugarcane; Pesticide; Boom Sprayer; Foreploughshare; Disk Coulter; Tillage Quality; Field; Cone Index Data; Crack Dimensions; Avoidance System; Image processing; Broiler Breeder; Grain Drills; World Food Supply; Dutch Farm Mechanization; Agricultural Engineering; East Asia; West Bank; Palestine; Uganda; European Union; Mechatronics; Agricultural Production IssD: 2002 Pub: Publisher:

ABS: AB: Peer Reviewed Technical Articles: (1) G. Brehme and K.-H. Krause. Compartmental Airflow Simulation in Stables with Natural Ventilation. Vol. IV. January 2002. (2) J.F. Ortega, J.M. Tarjuelo, and J.A. Juan. Evaluation of Irrigation

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AU: Munack, A.; Nova, A.; Pozeliene, A.; Sawamura, A.; Sumorek, A.; Zairi, A.; Raoult-Wack, A-L.; Kakou, B.G.; Stout, B.; Nimmuntavin, C.; Shitanda, D.; Bulanon, D.M.; Bresci, E.; Yamaji, E.; Preti, F.; Best, G.; Riskowski, G.; Srzednicki, G.; Slatni, H. A.; El Amami, H.; Horino, H.; Shimizu, H.; Speckmann, H.; Naas, I.; Buenger, J.; De Baerdemaeker, J.; Hahn, J.; Krahl, J.; Teixeira, J. L.; Li, J.; Imou, K.; Maertens, K.; Matsumoto, K.; Cortez, L.; Pereira, L. S.; Wiset, L.; Gaderer, M.; Gebreselassie, M.; Horynski, M.; Ishida, M.; Rao, M.; Reyniers, M.; Bricas, N.; Shimizu, N.; Sumida, N.;

Braunbeck, O.; Kaufman, O.; Schroeder, O.; Bruscoli, P.; Lamp, P.; Rodrigues, P. N.; Siwapornak, P.; Driscoll, R.; Eko, R. Medjo; Ziegler, R.; Koide, S.; Lynikiene, S.; Manmoto, S.; Nishimura, S.; Fischer, T.; Friedrich, T.; Hiroma, T.; Kataoka, T.; Machado, T.; Mitsuno, T.; Mizukami, T.; Nagano, T.; Nishizu, T.; Okamoto, T.; Tomson, T.; Umehara, T.; Anbumozhi, V.; Chancellor, W.; Pietrzyk, W.; Schoelkopf, W.; Ikeda, Y.; Kaizu, Y.; Nishiyama, Y.; Ota, Y.; Torikata, Y. II: CIGR E-Journal Volume 3 KW: Irrigation; Andes; Cotton; Colluvium; Analysis; Farmland; Cereal; Horticulture; Drought; Wind Turbines; Estonia; Rice; Rye; Pneumatic Pressure; Dielectric Constant; Carrot Seed; Corona Discharge Field; Agriculture; Biodiesel Fuel; Diesel Fuel; Gas Emissions; Grain; Combine Harvester; Impellor; Rubber Roll Husker; Helmholtz Resonator; Food Volume Measurement; Electric Field; Energy Consumption; Drying Process; Surface Runodd; Niger; Sprinkler; Crop Yield; Doppler; Speed; Apple Harvesting; Soil; Cement; Sugar Cane; Flaxseed; Fodder-Straw; Syria; Animal Production; Brazil; Farm Machinery; Food System; Climate Change; India IssD: 2001 Pub: Publisher:

ABS: TECHNICAL ARTICLES: (1) P. Bruscoli, E. Bresci and F. Preti. Diagnostic Analysis of an Irrigation System in the Andes Region. Vol. III, February 2001. (2) T. Fischer, M. Gaderer, P. Lamp, W. Schoelkopf, and R. Ziegler. Processes and Economics for Energetic Use of Cotton Plant Residues. Vol. III, February 2001. (3) B. G. Kakou, H. Shimizu and S. Nishimura. Residual Strength of Colluvium and Stability Analysis of Farmland slope. Vol. III, March 2001. (4) P. N. Rodrigues, L. S. Pereira, A. Zairi, H. El Amami, H. A. Slatni, J. L. Teixeira, and T. Machado. Deficit Irrigation of Cereals and Horticultural Crops: Simulation of Strategies to Cope with Droughts. Vol. III, March 2001. (5) H. El Amami, A. Zairi, L. S. Pereira, T. Machado, A. Slatni, and P. Rodrigues. Deficit Irrigation of Cereals and Horticultural Crops: Economic Analysis. Vol. III, March 2001. (6) T. Tomson and A. Nova. Geographically Dispersed Wind Turbines on the West-Estonian Coast. Vol. III, April 2001. (7) L. Wiset, G. Szrednicki, R. Driscoll, C. Nimmuntavin, and P. Siwapornak. Effects of High Temperature Drying on Rice Quality. Vol. III, May 2001. (8) M. Horynski. The Effects of Field Intensity and Pneumatic Pressure on the Dielectric Constant of Rye Kernels. Vol. III, May 2001. (9) S. Lynikiene. Carrot Seed Preparation in a Corona Discharge Field. Vol. III, July 2001. (10) V. Anbumozhi, K. Matsumoto, and E. Yamaji. Sustaining Agriculture through Modernization of Irrigation Tanks: An Opportunity and a Challenge for Tamilnadu, India. Vol. III, August 2001. (11) A. Munack, O. Schroeder, J. Krahl, and J. Buenger. Comparison of Relevant Exhaust Gas Emissions from Biodiesel and Fossil Diesel Fuel. Vol. III, August 2001. (12) K. Maertens, M. Reyniers, and J. De Baerdemaeker. Design of a Dynamic Grain Flow Model for a Combine Harvester. Vol. III, September 2001. (13) D. Shitanda, Y. Nishiyama, and S. Koide. Performance Analysis of Impellor and Rubber Roll Husker Using Different Varieties of Rice. Vol. III, September 2001. (14) T. Nishizu, Y. Ikeda, Y. Torikata, S. Manmoto, T. Umehara, and T. Mizukami. Automatic, Continuous Food Volume Measurement with a Helmholtz Resonator. Vol. III, October 2001. (15) A. Sumorek and W. Pietrzyk. The Influence of Electric Field on the Energy Consumption of Convective Drying Processes. Vol. III. October 2001. (16) T. Nagano, H. Horino, T. Mitsuno, and N. Shimizu. Changes in Surface Runoff Due to Crust Formation and Land Conservation Techniques: The Case of On-Farm Study in Niger, West Africa. Vol. III, October 2001. (17) J. Li and M. Rao. Crop Yield as Affected by Uniformity of Sprinkler Irrigation System. Vol. III, October 2001. (18) K. Imou, M. Ishida, T. Okamoto, Y. Kaizu, A. Sawamura, and N. Sumida. Ultrasonic Doppler Sensor for Measuring Vehicle Speed in Forward and Reverse Motions Including Low Speed

Motions. Vol. III, October 2001. (19) D.M. Bulanon, T. Kataoka, Y. Ota, and T. Hiroma. A Machine Vision System for the Apple Harvesting Robot. Vol. III, December 2001. (20) R. Medjo Eko and G. Riskowski. A Procedure for Processing Mixtures of Soil, Cement, and Sugar Cane Bagasse. Vol. III, December 2001. (21) A. Pozeliene. Influence of Electric Field on the Quality of Flaxseed. Vol. III, December 2001. (22) Y. Kaizu, T. Okamoto and K. Imou. System for Automatic Separation of Ex Vitro Micropropagated Sugarcane. Vol. III, December 2001. (23) M. Gebreselassie, O. Kaufman, and J. Hahn. Optimization of Transport Capacity for Fodder-Straw in Syria. Vol. III, December 2001...INVITED ARTICLES: (1) A-L. Raoult-Wack and N. Bricas. Food Sector Development: Multifunctionality and Ethics. Vol. III, January 2001. (2) I. Naas. Precision Animal Production. Vol. III, January 2001. (3) W. Chancellor. Synergistic Cooperation in the Food System. Vol. III, February 2001. (4) L. Cortez, I. N??s and O. Braunbeck. Agricultural Engineering Education Programs in Brazil. Vol. III, April 2001. (5) A. Munack and H. Speckmann. Communication Technology is the Backbone of Precision Agriculture. Vol. III, May 2001. (6) T. Friedrich. Agricultural Sprayer Standards and Prospects for Development of Standards for other Farm Machinery. Vol. III, May 2001. (7) W. Chancellor. Global Energy Flows and their Food System Components. Vol. III. December 2001. (8) B. Stout and G. Best. Effective Energy Use and Climate Change: Needs of Rural Areas in Developing Countries. Vol. III. December 2001. Collection: CIGR

File: Stout invited paper from Mexico Dec01.pdf Desc: Description: B. Stout and G. Best. Effective Energy Use and Climate Change: Needs of Rural Areas in Developing Countries

<Submissions\Stout%20invited%20paper%20from%20Mexico%20Dec01.pdf>. Vol. III. December 2001. Size: 250320

URI: <http://hdl.handle.net/1813/120> Visits: 2485

Sustainable

AU: Cooke, J. Robert TI: Workshop on 'Sustainable Models for University-based Scholarly Publishing' KW: Models; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: Agenda for the Workshop on 'Sustainable Models for University-based Scholarly Publishing' from June 01, 2004. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Workshop_Agenda_01Jun04.pdf Desc: Description: Size: 101157

URI: <http://hdl.handle.net/1813/175> Visits: 937

AU: Cooke, J. Robert TI: Workshop on Sustainable Models for University-based Scholarly Publishing KW: Open Archives; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: The purpose of this presentation is to explore financially sustainable and effective approaches to scholarly communications for and by Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Cooke.ppt Desc: Description: Size: 4861952

URI: <http://hdl.handle.net/1813/186> Visits: 1102

AU: Cooke, J. Robert TI: List of Attendees for the Workshop on 'Sustainable Models for University-based Scholarly Publishing' KW: Attendees; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: List of Attendees for the Workshop on 'Sustainable Models for University-based Scholarly Publishing'. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Workshop_Attendees_01Jun04.pdf Desc: Description: Size: 47652

URI: <http://hdl.handle.net/1813/176> Visits: 1001

AU: Crow, Raym TI: Developing an Institutionally-Funded Publishing Channel: Context and Considerations for Key Issues KW: Institutional Funding; Scholarly Publishing IssD: 2004-06-31 Pub: Publisher:

ABS: Cornell's Internet First University Press (IFUP) seeks to explore the practical viability of direct institutional funding for serial and monographic publication of an institution's faculty research. To effect fundamental change, such an institutional funding model must not simply shift the costs from the library to other budgets within the institution. It must disaggregate and restructure the academic publishing value chain to separate the services that facilitate publication from monopolistic control of the material published. To attain this goal in practical terms, the IFUP must demonstrate a sustainable economic model and guarantee author autonomy in the choice of publishing venue. This report reviews past and current academic publishing initiatives that provide context and practical insight into how an institutionally sponsored publishing model might be designed and implemented to satisfy these essential requirements. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/178> Visits: 858

AU: Crow, Raym TI: Developing an Institutionally-funded Publishing Channel: Context & Considerations for Key Issues KW: Open Access; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: The purpose of this presentation is to explore the viability of direct institutional funding for publishing faculty research, and to define a practical publishing mechanism by which to implement the model. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Crow.ppt Desc: Description: Size: 142848

URI: <http://hdl.handle.net/1813/188> Visits: 878

AU: Getz, Malcolm TI: Open-Access Scholarly Publishing KW: Open Access; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Getz.ppt Desc: Description: Size: 2070528

URI: <http://hdl.handle.net/1813/190> Visits: 1676

AU: Getz, Malcolm TI: Incubating Open Journals in Economics KW: electronic publishing; open journals; digital scholarship IssD: 2005-10-20 Pub: Publisher:

ABS: As open journals become intellectual successes, they will come to substitute for subscription-based journals. The entry of two new journals specializing in economic

theory, one a commercial subscription journal and the other an open journal, stimulates the question: What does a new journal require in order to achieve intellectual impact? Regressing the ISI Impact Factor for 141 journals on attributes of the journals estimates their relative importance. The intellectual reputations of the editors and of the authors? prior work along with the number of libraries that hold the title are positively associated with the journal?s Impact Factor. Using the attributes of the new journals in the estimated relationships yields a forecast of the Impact Factor for the new journals. An open journal has the advantage of being immediately as accessible everywhere on the Internet as though held by many libraries. Its forecast impact is comparable to the journals with the highest impact in this specialty. Some open journals are able to attract outstanding editors and authors with the natural advantage of universal access without charge. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: OpenJournalsOct20.doc Desc: Description: Size: 1293312

URI: <http://hdl.handle.net/1813/2468> Visits: 786

AU: Getz, Malcolm TI: Open-Access Scholarly Publishing in Economic Perspective KW: Open-Access; Scholarly Publishing IssD: 2004-06-11 Pub: Publisher:

ABS: What is the prospect for migrating Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Getz_11Jun04.pdf Desc: Description: Size: 193706

URI: <http://hdl.handle.net/1813/177> Visits: 1173

AU: Getz, Malcolm TI: Open Scholarship and Research Universities KW: Open Access; Scholarly Publishing IssD: 2005-05-18 Pub: Publisher:

ABS: Compare the cost per article for publication in commercial journals, not-profit journals, and open-access journals. For universities that support open-archives and open-access journal management software as part of standard university infrastructure, the financial cost of hosting an additional journal is quite low. Scholars who commit to editing and promoting a journal need to focus primarily on the intellectual tasks with little concern for finances. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: GetzOpenScholarship18May05.pdf Desc: Description: Size: 301656

URI: <http://hdl.handle.net/1813/1344> Visits: 945

AU: Gibbons, Susan TI: Building an E-Publishing Model from the Stakeholders on Up KW: Open Access; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: Develop a business model to adapt DSpace for e-publishing.. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Gibbons.ppt Desc: Description: Size: 62976

URI: <http://hdl.handle.net/1813/191> Visits: 1289

AU: Hickerson, H. Thomas TI: Project Euclid and the ArXiv: Complimentary and Contrasting Elements for Sustainability KW: electronic publishing; project Euclid; arXiv; sustainability IssD: 2005-01-10 Pub: Publisher:

ABS: New models of sustainability are evolving for the development and dissemination of scholarly information, but viable options are dependent on stable organizational foundations and sound managerial and financial models. My remarks today are not designed to provide an overarching vision for the future of scholarly publishing, but are

intended to elucidate factors critical to the success of such visions. I am pleased to have this opportunity to review with you strategies presently being employed by the electronic publishing program of the Cornell University Library. I will focus on two particular research publishing endeavors, Euclid and the physics, mathematics, and computer science e-print arXiv. These two alternative publishing instances offer us a lens through which to analyze elements critical to sustainability. Their very different operational models illustrate differences in sustainability strategies, and yet there are important similarities between the two. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Columbia University Electronic Publishing Workshop2.pdf Desc: Description: Size: 32940

URI: <http://hdl.handle.net/1813/266> Visits: 1054

AU: King, Kenneth M. TI: Creating a Sustainable Scholarly Communication System

KW: Open Archives; Scholarly Publishing IssD: 2004-05-27 Pub: Publisher:

ABS: The current process of schol Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: King_27May04.pdf Desc: Description: Size: 139585

URI: <http://hdl.handle.net/1813/179> Visits: 1014

AU: Neal, James G. TI: Workshop on Scholarly Publishing: Remarks during Open Session KW: Open Access; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: A discussion of Scholarly Communication issues and concerns. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Neal.ppt Desc: Description: Size: 38400

URI: <http://hdl.handle.net/1813/187> Visits: 1064

AU: Parra, Pilar A.; Pfeffer, Max J. TI: Immigrants and the Community: Farmworkers with Families KW: Immigrant workers; Rural communities; Farmworkers; Latino immigrants; Agricultural workforce; New York State; Immigrant social integration; Immigrant economic integration; Language proficiency IssD: 2005-04 Pub: Publisher:

ABS: America's hired farm workforce has changed considerably in the last decade. The most apparent change has been its "latinization" during the past two decades. This is largely a consequence of large numbers of Mexicans coming to the United States to work. Although Mexican immigrants work in numerous industries across the American landscape, they are especially important in agriculture. There has been a growing tendency of farmworkers to settle in rural communities together with their immediate family. But how and to what extent does community integration occur? How do foreigners who have little familiarity with American culture become integrated into the community? Answers to these questions have practical importance to farmers interested in retaining their workforce, service providers working to improve farmworker well-being and communities interested in helping the new residents contribute to community development. To help us understand the factors that both promote and limit the integration of immigrants into rural communities, we chose for study five New York agricultural communities in different economic and social contexts that have relied heavily on hired farm labor. Each community has a minority population of some significance and a history of immigrant farmworkers settling there. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Farmworkers_Report_2005.pdf Desc: Description: Size: 717150

URI: <http://hdl.handle.net/1813/1345> Visits: 957

AU: Pfeffer, Max J.; Para, Pilar A. TI: Immigrants and the Community KW: immigrant workers; rural communities; community development; rural population; Hispanic immigrants; agricultural workforce; foreign-born farmworkers; farmworker population; New York State population IssD: 2004-11 Pub: Publisher:

ABS: Many upstate New York communities have experienced population loss and decline in the last decade. Increasing numbers of immigrants have settled in many of these communities, which poses possible community development challenges and opportunities. Because each community must address these issues in its own way, this report is intended to make communities aware of changes in their populations and highlight issues they may choose to address. Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Immigrant report 20#18B75C1.pdf Desc: Description: Size: 1000726

URI: <http://hdl.handle.net/1813/220> Visits: 1105

AU: Wittenberg, Kate TI: Responsible Publishing KW: Open Access; Scholarly Publishing IssD: 2004-06-01 Pub: Publisher:

ABS: Responsible Publishing: Thinking Creatively and Collaboratively. Breaking Down Traditional Publishing Categories: Books, Jou Collection: Sustainable Models for University-based Scholarly Publishing Workshop

File: Wittenberg.ppt Desc: Description: Size: 25088

URI: <http://hdl.handle.net/1813/189> Visits: 1009

Cornell Conference on Open Access Scholarship (IFUP)

AU: Cooke, J. Robert TI: Internet-First University Press and Creating Departmental and College Digital Repositories KW: Scholarly publishing; Electronic publishing; Electronic Repositories; Open Access IssD: 2005-06-24 Pub: Publisher:

ABS: J. Robert Cooke, Biol. and Env. Engr., presented the efforts of Internet-First University Press as an open access publishing effort using DSpace including the concepts of print-on-demand and DVDs for videos. Collection: Cornell Conference on Open Access Scholarship

File: 06 Cooke 09May05.pdf Desc: Description: Presentation Size: 1493857

URI: <http://hdl.handle.net/1813/1515> Visits: 971

AU: Cooke, J. Robert; Ehling, Terry; Ginsparg, Paul; Kozak, George; McMillan, Gail; Thomas, Sara; Atkinson, Ross TI: Agenda of Meeting and combined Presentations KW: Open Access; Electronic Publishing IssD: 2005-06-24 Pub: Publisher:

ABS: This is a collection of the combined presentation which were presented at this conference: (1) Agenda; (2) The Cornell Library and Its Contributions to Open Access by Sarah E. Thomas, C. A. Kroch University Librarian; (3) Cornell University Library's Publishing Model for Scholarly Literature by Terry Ehling, Director of Electronic Publishing at Cornell University; (4) An Overview of the Open Access Movement: National and International by Paul Ginsparg, Physics & Computing and Info. Sci. and Founder of arXiv.org e-Print; (5) Trends in Online Theses and Dissertations: National and International by Gail McMillan, Director, Digital Library and Archives, Virginia Tech; (6) Internet-First University Press and Creating Departmental and College Digital Repositories by J. Robert Cooke, Biol. and Env. Engr.; (7) Demo of Quick Submit

Interface for Digital Repository by George Kozak, Digital Library Info. Tech of Cornell Library. Collection: Cornell Conference on Open Access Scholarship
File: 01 Cornell OA Conference.pdf Desc: Description: Combined Presentations for the Conference Size: 5673658
URI: <http://hdl.handle.net/1813/1518> Visits: 926

AU: Ehling, Terry TI: Cornell University Library's Publishing Model for Scholarly Literature KW: Scholarly Literature; Publishing Models; Project Euclid; DPubS IssD: 2005-06-24 Pub: Publisher:

ABS: Terry Ehling, Director of Electronic Publishing at Cornell University presented the Cornell University Library's approach to Scholarly Publishing on the Web. Using the example of the the Library's innovative publishing software, DPubS (Digital Publishing System), which was developed to deliver Project Euclid (a Mellon Foundation-supported scholarly communications initiative), she showed how Project Euclid provides cost efficient distribution of serial literature in mathematics and statistics, and now DPubS will be enhanced and released as a general-purpose publishing platform for scholarly literature in diverse fields, supporting peer review, extensive administrative functionality, and interoperability with open source repository systems such as Fedora and DSpace. This flexible online publishing tool will aid institutions of higher education and research in managing and distributing the intellectual efforts of scholars and researchers. DPubS v.2 will significantly expand opportunities for affordable and creative scholarly communication. Collection: Cornell Conference on Open Access Scholarship

File: 03 Ehling 09May05.pdf Desc: Description: Size: 431879

URI: <http://hdl.handle.net/1813/1512> Visits: 564

AU: Ginsparg, Paul TI: Overview of the Open Access Movement: National and International KW: Open Access; arXiv.org; Electronic Publishing IssD: 2005-06-24 Pub: Publisher:

ABS: Paul Ginsparg, Physics & Computing and Info. Sci. and Founder of arXiv.org e-Print presented an apolitical perspective on questions raised by Open Access initiatives. Various Financial Models and Initiatives were addressed. Collection: Cornell Conference on Open Access Scholarship

File: 04 Ginsparg 09May05.pdf Desc: Description: Size: 19322

URI: <http://hdl.handle.net/1813/1513> Visits: 659

AU: Kozak, George TI: Demo of Quick Submit Interface for Digital Repository KW: Electronic Publishing; Quick Submit; Submission Process IssD: 2005-06-24 Pub: Publisher:

ABS: George Kozak, Digital Library Information Technology of the Cornell Library and DSpace Administer presented the "Quick Submit" process which was developed at Cornell University to help users to get their submissions quickly and easily into DSpace. Collection: Cornell Conference on Open Access Scholarship

File: 07a DSpace Submission Process.pdf Desc: Description: Quick Submit Process Size: 651036

URI: <http://hdl.handle.net/1813/1516> Visits: 740

AU: McMillan, Gail TI: Trends in Online Theses and Dissertations: National and International KW: Dissertations; Theses; Electronic Publishing; Digital Library IssD: 2005-06-24 Pub: Publisher:

ABS: Gail McMillan, Director, Digital Library and Archives, Virginia Tech presented the pros and cons of electronic submissions of theses and dissertations. She used the experience of the Networked Digital Library of Theses and Dissertations (NDLTD) which is an organization dedicated to promoting the adoption, creation, use, dissemination, and preservation of electronic analogues to the traditional paper-based theses and dissertations. Collection: Cornell Conference on Open Access Scholarship File: 05 McMillan 09May05.pdf Desc: Description: Size: 1268965 URI: <http://hdl.handle.net/1813/1514> Visits: 704

Collection: Undergraduate Scholarly Publications (IFUP)

AU: ALCORN, HEATHER L.; HENDRICKS, MELINA M.; LINTAULT, LAURA M.; MARGALIT, KATE A.; MILLER, ANDREW D.; SAVIDGE, CHRISTINE; BIALOWAS, CHRISTIE M.; FRIDMAN, VLADIMIR; MAK, RAYMOND H.; MIRANI, GAYATRI; MORSE, DARCY L.; PEREZ, LUISA; RAMAN, RAJNI V.; STEUER, KRISTIE; STORCK, KARA I.; SUNDBERG, KRISTY A.; WEISS, MARISSA S.; FUCHSBERG, JEFFREY R.; KAWAHARA, AKITO Y.; SVENSON, GAVIN J.; BUSHNOE, TARA M.; CHEN, JOY S.; GRANT, EVAN H.; LAWRENCE, BETH A.; MARKOW, DIANE M.; MILGROOM, JESSICA; TOSCHIK, PAMELA C.; KATZ, RICHARD M.; LAM, DENEY; PRICE, ANDREW D.; SCOTT, REBECCA L.; BIRINCI, DENIZ; CZARNICK, JACOB J.; FOUCAULT, BROOKE E.; GILMORE, ALISON A.; LEE, TRINA KAY; NEROULIAS, NICOLE M.; SCHWARTZ, ADAM L.; SCOTT, MINDY E. TI: 2001 Research Honors Program Abstracts KW: student research; honors program; animal science; biological science; entomology; natural resources; physical science; plant science; social science IssD: 2002-03 Pub: Publisher:

ABS: Faculty in the College of Agriculture and Life Sciences at Cornell University mentor and guide undergraduate students who have chosen to pursue a research project and graduate with honors. These abstracts reflect the depth of their scholarship and intellectual ability. The research projects encompass work in animal science, biological science, entomology, natural resources, physical science, plant science, and social science. Collection: Undergraduate Scholarly Publications File: 2001_Research_honors.pdf Desc: Description: Size: 263250 URI: <http://hdl.handle.net/1813/851> Visits: 1177

AU: Bischoff, Melissa A.; Green, Alice S.; Kelsey, Julie A.; Lauffer, Benjamin E. L.; Lenkaitis, Victoria E.; Smith, Stevie Elizabeth; Stevenson, Kyle Ann; VerMilyea, Matthew D.; Vyhna, Kristin K.; Weissman, Brenda L.; Bovee, Alissa M.; Bowlin, Melissa S.; Brecher, Matthew B.; Brusie, Melissa A.; Camp, Brendan J.; Cohn, Heather I.; Daigle, Bernie J., Jr.; Falcone, John L.; Gartner, Gabriel E. A.; Hood, Christopher T.; Kubera, Cathryn L.; Kull, Erin E.; Nead, Jennifer A.; Oliver, Molly Ann; Roberts, Victoria L.; Stucker, Karla M.; Uschold, Timothy D.; VanderSal, Nicole D.; Waase, Marc P.; Wilson, Susan F.; Zordan, Rebecca E.; Huang, Ming Hua; McNeil, James R.; Svenson, Gavin J.; Taylor, Alani N.; Sicherman, Heidi; Carlson, Jane E.; Kessler, Will R.; McSherry, Lauren; Richie, Celeste J.; Spier, Travis C.; Eisenhauer, Lisa D.; Pearson, Alexander T.; Perkins, Tasi B.; Ruane, Alexander C.; Ackerman, Megan E.; Herforth, Anna W.; Pootakham, Wirulda; Rapp, Ryan A.; Cohen, Susan E.; Concra, Meghan M.; Granka, Laura Ann;

Groppe, Jessica S.; Radin, Joanna M.; Regelman, Carl F.; Rothman, Jami d.; Tao, Li TI: 2002 Research Honors Program Abstracts KW: animal science; biological science; entomology; natural resource; physical science; plant science; social science; student research; honors program IssD: 2002 Pub: Publisher:

ABS: Faculty in the College of Agriculture and Life Sciences at Cornell University mentor and guide undergraduate students who have chosen to pursue a research project and graduate with honors. These abstracts reflect the depth of their scholarship and intellectual ability. The research projects encompass work in animal science, biological science, entomology, natural resources, physical science, plant science, and social science. Collection: Undergraduate Scholarly Publications

File: 2002_Research_Honors.pdf Desc: Description: Size: 341326

URI: <http://hdl.handle.net/1813/850> Visits: 1167

AU: Caretto, Carlo; Bhattacharyay, Madhurima; Ghassabeh, Ali John; Holmberg, Andrew; Lucadamo, Kirk; Pedersen, Linda; Tang, Michael; Toor, Neelu; Wang, Ray; Wei, Thomas; Gold, richard TI: The Visible Hand, Volume 12, Issue 1 KW: Election 2004; tax reform; tax policy; flat tax; monetary policy; political economy; political economy; CAFTA; free trade; outsourcing; jobs; EU; European Union; trade; trade deficit; organ transplant; organ donation; corporate responsibility; Enron IssD: 2004 Pub: Publisher:

ABS: This is the fall 2004 edition of Cornell University's longest-running undergraduate economics and business journal. This issue focuses on the hotly contested U.S. election of 2004 under the economic issues of jobs and taxes. Other topics include globalization and the expansion of the EU, ethics in the aftermath of corporate scandal, and many other subjects in the world of economics and business. Collection: Undergraduate Scholarly Publications

File: [vh_fa2004.pdf](#) Desc: Description: Size: 2902026

URI: <http://hdl.handle.net/1813/219> Visits: 1432

AU: Cassano, Amy E.; Hanley, Daniel; James, Karen L.; Johnson, Jennifer L.; Kepping, Sheryl A.; Kulick, Amy E.; Plotnik, Joshus M.; Rokhsar, Jennifer L.; Savageau, Nicole R.; Sepp, Peter J. Jr.; Aridgides, Paul D.; Armsby, Michelle L.; Bartoli, Carol Renato; Briggs, Benjamin J.; Cheng, Christina W.; Colangelo-Lillis, Jesse R.; Doyle, Adam J.; Egan, J. Franklin; Geiler, Kerry A.; Hoffman, Catharine E.; Ilic, Nina; Johnson, Amy E.; Kim, Chung-Eun Joanne; Kozak, Genevieve M.; Livingstone, Esther A.; McDonald, Erin M.; Miller, Allison M.; Mitschelen, Matthew C.; O'Donnell, Kelly L.; Patrawala, Zeenat; Robinson, Jon F.; Seidman-Zager, Michael I.; Shaw, Andrea W.; Smith, Terry Ann; Talbot, Jared C.; Wei, Catherine J.; Wei, Melissa Y.; Wels, Jared I.; Wolfer, Nicholas R.; Harper, Matthew P.; Corriel, Sean Adam; Johansen, Anna K.; John, Dustin F.; Andersen, Michael J.; Fairbairn, Madeleine P.; Farr, Rachel H.; Grinath, Joshua B.; Hartman, Elizabeth A.; Hayn, Melanie K.; Juice, Stephanie M.; Kiernan, Laura D.; Meigs, Garrett W.; Horn, Matthew G.; Arcate, Jessica M.; Fraker, Emily J.; Ma, Janet M.; Savory, Elizabeth A.; Brown, Jacob R.; Cohen, Stuart L.; Curry, Lauren E.; Greene, Ilana M.; Heinlein, Jennifer L. S.; Kornblatt, Julia R.; Kornet, Allison D.; Merola, Nicholas A.; Posner, Emily A.; Rickert, Linda M.; Ritchie, Thompson Cavage; Saunders, Liindsey A. TI: 2003-2004 Research Honors Program Abstracts (for the College of Agriculture and Life Sciences Undergraduates) KW: animal science; biological science; entomology; landscape studies; natural resources; physical sciences; plant science; social science IssD: 2004-11-30 Pub: Publisher:

ABS: Faculty in the College of Agriculture and Life Sciences at Cornell University mentor and guide undergraduate students who have chosen to pursue a research project and graduate with honors. These abstracts reflect the depth of their scholarship and intellectual ability. The research projects encompass work in animal science, biological science, entomology, landscape studies, natural resources, physical science, plant science, and social science. Collection: Undergraduate Scholarly Publications
File: Honors2.pdf Desc: Description: Size: 399602
URI: <http://hdl.handle.net/1813/216> Visits: 2422

AU: Graziano, Gwednolyn; Cheng, Samson; Loh, Wee Lee; Pridgen, Colyar; Tzenev, Atanas; Zhang, Jeffery; Pedersen, Linda; Rogers, Michael; Roth, Jason; Wei, Thomas; Parikh, Rushi; Kumar, Tulika; Lin, Tianai; Nesterova, Anna; Wei, Lim Tam; Lee, Humphrey; Bhattacharyay, Rima; Miniyar, Neal; Sable, Scott; Zuccarino, Todd; Liang, Feng Olivia; Lacket, Christopher; Gilman, John TI: The Visible Hand, Volume XI, Issue 2 KW: Hong Kong; Special Administrative Region; Economic Revitalization; Closer Economic Partnership; outsourcing India; Laos development; corporate governance; income polarization; political economy; European union; private health insurance; recovery; crate; barrel; international labor organization; low carbs; music industry; airlines; stocks; inflation; linked bonds; Cingular; ATT wireless; Nobel Prize; Cornell; traffic; community service; levon barseghyan; Bulgaria; entrepreneurship; fiat; dollar; environmentalism; sticky price; American Business IssD: 2004 Pub: Publisher:
ABS: This Collection: Undergraduate Scholarly Publications
File: sp04visible.pdf Desc: Description: Size: 2857228
URI: <http://hdl.handle.net/1813/115> Visits: 1681

AU: Mendelson, Brian; Scheines, Emily; Nawaz, Yasir; Myron, T. J.; Stewart, Brian; Giedinghagen, Andrea; Ingraham, Laurel; Crawford, Dan; Shishkin, Konstantin; Suarez-Rubio, Santiago; Bernardo, Katrina; Tobenkin, Billy; Puleo, Connor; Waldo, Amanda; Lucks, Emily; Berenson, Dmitry TI: The Quad, Volume 10, Issue 1 KW: Literary magazine; Cornell magazine; Cornell literary; Quad; Quad magazine; Cornell quad; Poetry; Literature; fiction; Prose; Art; Photography; Cornell photography IssD: 2004-10 Pub: Publisher:
ABS: The Quad is a literary and art magazine celebrating its tenth year at Cornell. We publish poetry, prose, and art on any subject from any author. This is our fall 2004 issue. Enjoy! Collection: Undergraduate Scholarly Publications
File: The_Quad_10(1).pdf Desc: Description: Size: 12644500
URI: <http://hdl.handle.net/1813/232> Visits: 1746

AU: Nesterova, Anna; Hall, Justin; Lubin, David; Fatehi, Leili; Ko, Rosy; Zhang, Jeffrey; Cheng, Samson; Pedersen, Linda; Rogers, Michael; Roth, Jason; Bluestein, Andrew; Wei, Thomas; Parikh, Rushi; Kulmar, Tulika; Chhaochharia, Vidhi; Degrow, Stephen; Lin, Tianai; Stone, Doug TI: The Visible Hand, Volume XI, Issue 1 KW: economics; business; undergraduate journal; Cornell society; Cornell; society; political economy; Russia; China; Iraq; Sweden; global money; research industry; currency; copyrights; intellectual property; global village; clear channel; Bush traffic IssD: 2003 Pub: Publisher:
ABS: This is Collection: Undergraduate Scholarly Publications
File: visiblehand03.pdf Desc: Description: Size: 603387
URI: <http://hdl.handle.net/1813/95> Visits: 1750

AU: Pedersen, Linda; Liang, Olivia; DeWitt, Katherine; Bhattacharyay, Madhurima; Sasiadek, Adam; Toor, Neelu; Shih, Jerry; Ghassabeh, Ali John; Wong, Vincent; Goldman, Jarett; Wang, Ray; Cheng, Samson; Ko, Rosy; Cho, Thummim; Tevet, Dan; Kumar, Tulika TI: The Visible Hand, Volume 12, Issue 2 KW: Economic Trends; Economic Policy; Mergers; Acquisitions; Common Agricultural Policy; International Agricultural Economies; Financial Integration; Civil War; World Trade Organization; Dispute Settlement; Social Security; Good Samaritan Law; Internet Taxes; Exchange Rate; China; ASEAN; Chinese Auto Industry; Game Theory; Behavioral Economics IssD: 2005-05 Pub: Publisher:

ABS: The Visible Hand, Spring 2005, is a publication of the Cornell Economics Society. In this issue the following Economic Trends and Policies are explored: (1) "The Recent Surge in Mergers and Acquisitions" by Linda Pedersen ... (2) "New Luxury: Like It or Spike It?" by Olivia Liang ... (3) "The Common Agricultural Policy and Struggling International Agricultural Economies" by Katherine DeWitt ... (4) "Financial Integration: A Road Towards Growth or to Increased Vulnerability and Poverty?" by Madhurima Bhattacharyay ... (5) "The Role of Economics in the Origins of the Civil War" by Adam Sasiadek ... (6) "Economic Interstate Conflict: The World Trade Organization and Dispute Settlement - Evaluating Schools of Thought" by Neelu Toor ... (7) "Privitization of Social Security" by Jerry Shih ... (8) "Capital Punishment as a Deterrent to Murder" by Ali John Ghassabeh ... (9) "The Good Samaritan Law and the Duty to Rescue: A Cost-Benefit Analysis" by Vincent Wong ... (10) "NO! to Internet Taxes" by Jarett Goldman ... (11) "Exchange Rate and Current Account Imbalances in China and ASEAN: Are They A Problem?" by Ray Wang ... (12) "The Development of the Chinese Auto Industry" by Samson Cheng ... (13) "The Investment Landscape for Foreign Acquisition in the Chinese Banking Industry" by Rosy Ko ... (14) "The Future of ASEAN's Economy: Growth through Foreign Direct Investment" by Thummim Cho ... (15) "Online Auctions: Changing the Face of Game Theory" by Dan Tevet ... (16) "Behavioral Economics: A Look into this New Course and Professor O'Donoghue" by Tulika Kumar. Collection: Undergraduate Scholarly Publications

File: vh_sp2005.pdf Desc: Description: Size: 1728014

URI: <http://hdl.handle.net/1813/1166> Visits: 1299

II. Other Collections

AU: Kulin Ban TI: The Charter of Kulin Ban, 1189 KW: Bosnia; Medieval; Dubrovnik; Trade IssD: 1956 Pub: Publisher:

ABS: This brief charter of the ban of Bosnia from 1189 is a gesture of peace to the prince and people of Dubrovnik. Collection: 0700-1400: Migrations, Medieval Kingdoms

File: kulin_ban_1189.pdf Desc: Description: Size: 56732

URI: <http://hdl.handle.net/1813/2235> Visits: 637

AU: Archdeacon of Aleppo, Paul TI: Wallachia in 1657 KW: Wallachia; Travel Memoir; Monasteries; Romania; Ottoman; Muslims; Hungarians; Moldavia IssD: 1836 Pub: Publisher:

ABS: Collection: 1400-1700: Reformation, Ottoman Expansion

File: Wallachia-1657.pdf Desc: Description: Size: 28669

URI: <http://hdl.handle.net/1813/636> Visits: 1017

AU: Hus, Jan TI: Final Declaration, July 1, 1415 KW: Pre-Reformers; Czech; Bohemia; Constance; Heretics; Heresy IssD: 1904 Pub: Publisher:
ABS: Collection: 1400-1700: Reformation, Ottoman Expansion
File: Hus--Final Declaration-1415.pdf Desc: Description: Size: 18764
URI: <http://hdl.handle.net/1813/668> Visits: 826

AU: Michael, Metropolitan of Kiev, et al. TI: The Treaty of Brest, 1595 KW: Treaty; Russia; Orthodox Christianity; Roman Catholicism; Kievan Rus'; King Sigmund Augustus; Greek Catholicism; Poland IssD: 1595 Pub: Publisher:
ABS: Collection: 1400-1700: Reformation, Ottoman Expansion
File: UnionofBrest_1595.pdf Desc: Description: Size: 36123
URI: <http://hdl.handle.net/1813/674> Visits: 974

AU: Frederick II of Prussia; Maria Theresa of Austria; Catherine II of Russia TI: The Division of Poland, 1772, 1793, 1795 KW: Partitions; Poland; Prussia; Russia; Austria IssD: 1906 Pub: Publisher:
ABS: Selections from the writings of Frederick II of Prussia, Maria Theresa of Austria and Catherine II of Russia regarding the partitions of Poland Collection: 1700-1800: Absolutism, Constitutionalism, Ottoman Retreat
File: Division of Poland.pdf Desc: Description: Size: 27089
URI: <http://hdl.handle.net/1813/654> Visits: 837

AU: Galloway, George TI: The Tears of Poland, 1795 KW: Poland; Second Partition; Poem; Habsburg Empire; Kingdom of Prussia; Russian Empire IssD: 1795 Pub: Publisher:
ABS: Poem of sorrow (nationalist) relating to the second partition of Poland in 1793. Collection: 1700-1800: Absolutism, Constitutionalism, Ottoman Retreat
File: Galloway_Tears_of_Poland_1795 1.pdf Desc: Description: Size: 34873
URI: <http://hdl.handle.net/1813/2140> Visits: 593

AU: Gottsched, Luise TI: Description of the Empress Maria Theresa, 1749 KW: Habsburg Empire; Absolutism; Baron Esterhazy; Women; Letter; Austria IssD: 1908 Pub: Publisher:
ABS: Collection: 1700-1800: Absolutism, Constitutionalism, Ottoman Retreat
File: Gottsched--Maria Theresa-1749.pdf Desc: Description: Size: 27701
URI: <http://hdl.handle.net/1813/663> Visits: 889

AU: Marshall, Joseph TI: Joseph Marshall, Travels through Germany, Russia, and Poland, 1769-1770 KW: Travel Narrative; Poland; Wroclaw; Kingdom of Prussia; Germany IssD: 1971 Pub: Publisher:
ABS: Silesia--Breslaw--Journey to Berlin--The Country--Agriculture--Description of Berlin-- Present State of the King of Prussia's Forces, Revenues, &c.--Saxony--Leipsick-Dresden--State of the Electorate Collection: 1700-1800: Absolutism, Constitutionalism, Ottoman Retreat
File: Marshall_Travels_1769.pdf Desc: Description: Size: 260475
URI: <http://hdl.handle.net/1813/1450> Visits: 734

AU: TI: The Treaty of London for Greek Independence, July 6, 1827, excerpts KW: Treaty; Greece; Porte; Ottoman Empire; Great Britain; France; Russia; Independence
IssD: 1827 Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Treaty of London Desc: Description: 31615, Size: 1827.pdf

URI: <http://hdl.handle.net/1813/662> Visits: 723

AU: TI: The Poor Man and the King of the Crows KW: Folklore; Hungary IssD: 1914
Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Magyar-folktale.pdf Desc: Description: Size: 35823

URI: <http://hdl.handle.net/1813/669> Visits: 758

AU: Garay, Jan TI: The Pilgrim, A Magyar Tale KW: Poem; Hungary; Nationalism IssD: 1914
Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: license.txt Desc: Description: Size: 1796

URI: <http://hdl.handle.net/1813/667> Visits: 725

AU: MacMichael, William TI: The Court at Bucharest, 1819 KW: Romania; Ottomans;
Turks; Russians; Wallachia; Porte; Bucuresti IssD: 1819 Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: MacMichael--Court at Bucharest-1819.pdf Desc: Description: Size: 26565

URI: <http://hdl.handle.net/1813/664> Visits: 738

AU: Metternich, Prince Richard TI: Metternich on Opposition in the Pressburg Diet KW:
Austria; Hungary; Count Szechenyi; Constitution; Liberals IssD: 1880 Pub: Publisher:

ABS: Prince Metternich reports on his correspondence with Hungarian Count Szechenyi regarding opposition to imperial policy in the Hungarian Diet. Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Metternich_HungDiet_1825.pdf Desc: Description: Size: 52492

URI: <http://hdl.handle.net/1813/1505> Visits: 714

AU: Metternich, Prince Richard TI: Prince Metternich on the Death of Emperor Francis, 1835
KW: Austria; Emperor Francis; Habsburg dynasty; Czar Nicholas IssD: 1880 Pub: Publisher:

ABS: In a correspondence with the Russian imperial court in St. Petersburg, Prince Metternich reports the death of Austrian Emperor Francis (1835). There is also a short reply from Czar Nicholas. Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Metternich_EmperorsDeath_1835.pdf Desc: Description: Size: 30115

URI: <http://hdl.handle.net/1813/1504> Visits: 709

AU: Metternich, Prince Richard TI: The Renewal of the Carlsbad Decrees, 1824 KW:
Austria; German states; Vormarz; Emperor Francis; Conservatism; Counter-revolution
IssD: 1880 Pub: Publisher:

ABS: Prince Metternich's 1824 correspondence with various individuals regarding the renewal of the Carlsbad Decrees originally implemented in the German states in 1819 to

thwart revolutionary activity. Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Metternich_CarlsbadDecrees_1824.pdf Desc: Description: Size: 40397

URI: <http://hdl.handle.net/1813/1502> Visits: 669

AU: Metternich, Prince Richard TI: Of the Necessity of a Censorship of the Press, 1808
KW: Austria; German states; Press; Censorship; Counter-revolution; Vormarz; Count Stadion; Conservatism IssD: 1880 Pub: Publisher:

ABS: Metternich argues to Count Stadion that, in order to effectively thwart revolutionary activity, the government must censor the press (1808). Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Metternich_Censorship_1808.pdf Desc: Description: Size: 21458

URI: <http://hdl.handle.net/1813/1503> Visits: 686

AU: Metternich, Prince Richard TI: On the Vienna Congress, 1815 KW: Austria; Europe; Vienna Congress; Prussia; Russia; France; Great Britain; Napoleon; Counter-revolution
IssD: 1970 Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Metternich_ViennaCongress_1815.pdf Desc: Description: Size: 107511

URI: <http://hdl.handle.net/1813/1506> Visits: 822

AU: Neale, Adam TI: The Romanian Principalities, 1818 KW: Romania; Ottoman Empire; Moldavia; Russian influence; Turks IssD: 1818 Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Neale_RomanianPrincipalities_1818.pdf Desc: Description: Size: 28137

URI: <http://hdl.handle.net/1813/670> Visits: 872

AU: Quin, Michael J. TI: A Voyage Down the Danube, 1836 KW: Austria; Hungary; Danube River; Steam Navigation Company; Prince Metternich; Count Szechnyi; Hungarian Diet; Modernization; steamboats IssD: 1836 Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Quinn_Danube_1836.pdf Desc: Description: Size: 26315

URI: <http://hdl.handle.net/1813/672> Visits: 854

AU: Thornton, Thomas TI: The Phanariots of Moldavia, 1809 KW: Phanariots; Greeks; Romania; Boyars; Ottoman Empire IssD: 1809 Pub: Publisher:

ABS: Collection: 1800-1848: Napoleonic Period, Vormarz (Pre-March)

File: Thornton_Phanariots_1809.pdf Desc: Description: Size: 23727

URI: <http://hdl.handle.net/1813/673> Visits: 821

AU: TI: Austrian Constitution of 1867: Fundamental Law Concerning the General Rights of Citizens KW: Constitution; Rights; Austria; Habsburg; 1867 IssD: 1909 Pub: Publisher:

ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Austr_Const_1867.pdf Desc: Description: Size: 25482

URI: <http://hdl.handle.net/1813/1443> Visits: 860

AU: TI: Hungarian Declaration of Independence, 1849 KW: Hungary; Revolution; 1848; 1849; Independence; Parliament; Habsburg Empire; Austro-Hungarian Empire IssD: 1852 Pub: Publisher:

ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Hung_Independence_1849.pdf Desc: Description: Size: 77648

URI: <http://hdl.handle.net/1813/1446> Visits: 643

AU: TI: Presentation of a Committee of the Hungarian Diet to Ferdinand, 1848 KW: 1848; Revolution; Hungary; Ferdinand I; Habsburg; Hungarian Diet; Croats; Appeal IssD: 1852 Pub: Publisher:

ABS: Appeal of Hungarian Diet to Austrian Emperor Ferdinand I to help put a stop to Croat rebellion Collection: 1848-1900: Revolution, Liberalism, Modernization

File: HungarDiet_to_Ferdinand_1848.pdf Desc: Description: Size: 21109

URI: <http://hdl.handle.net/1813/1447> Visits: 650

AU: TI: The Hungarian-Croatian Compromise of 1868 (The Nagodba) KW: Compromise; Croatia; Slavonia; Hungary; 1868; Dual Monarchy IssD: 1911 Pub: Publisher:

ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Hung_Croat_Compr_1868.pdf Desc: Description: Size: 96880

URI: <http://hdl.handle.net/1813/1445> Visits: 510

AU: Archduke Palatine Stephen TI: Archduke Palatine Stephen to the Hungarian Diet, July 8, 1848 KW: Hungarian Diet; 1848; Revolution; Ferdinand V; Habsburg Empire; Transylvania; Croatia; Hungary IssD: 1852 Pub: Publisher:

ABS: Archduke Palatine Stephen speaks to the Hungarian Diet about "preserving the integrity of the Hungarian realm" in the face of assaults by "evil-disposed, rebellious agitators" (especially in Croatia). Also speaks of Ferdinand's sanction of the union of Transylvania with Hungary. Assures Hungary of the king's respect for and loyalty to Hungary. Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Stephen_to_HungDiet_1848.pdf Desc: Description: Size: 24755

URI: <http://hdl.handle.net/1813/2164> Visits: 471

AU: Baron, W. TI: Letter from an Austrian Officer in Hungary, 1848-1849 KW: Hungary; Revolution; 1848; Habsburg Empire; Personal narrative; Croatia; Serbs; South Slavs; Grenzer (border troops); Bosnia IssD: 1850 Pub: Publisher:

ABS: The letter of an Austrian soldier describing the military frontier and the border soldiers (Grenzer or Granicari) around the Hungarian periphery. Covers the following themes: Military Frontier of Hungary; its Extent and Situation--Frontier troops--The Seressans; their personal appearance, costume--Dress of the other Border Troops their character; military spirit of their Women; their personal beauty; their costume--Villages of the Borderers--Family houses--Patriarchal manners--Service required of the Border-Soldier--Guard-posts. Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Letter_OfficerinHungary_1848.pdf Desc: Description: Size: 29771

URI: <http://hdl.handle.net/1813/2151> Visits: 575

AU: Crosse, Andrew F. TI: The Transylvanian Germans, 1878 KW: Transylvania; Hungary; Saxons; Germans IssD: 1878 Pub: Publisher:

ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Saxons-1878.pdf Desc: Description: Size: 23505
URI: <http://hdl.handle.net/1813/635> Visits: 645

AU: Dicey, Edward TI: Bulgarian Political Attitudes, 1894 KW: Bulgaria; Bulgarians; Nationalism; Ottoman Empire; Independence IssD: 1894 Pub: Publisher:
ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization
File: BulgarianAttitudes-1894.pdf Desc: Description: Size: 19652
URI: <http://hdl.handle.net/1813/651> Visits: 842

AU: Eastern Patriarchs TI: Encyclical of the Eastern Patriarchs, 1848 KW: Orthodox Christianity; Patriarchs; Pope; Catholic Church; Heresy; Schism IssD: 1848 Pub: Publisher:
ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization
File: PatriarchsEncyclical_1848.pdf Desc: Description: Size: 80751
URI: <http://hdl.handle.net/1813/671> Visits: 767

AU: Ferdinand I, Emperor of Austria TI: Proclamation of Ferdinand to Jellachich and the Croats, June 1848 KW: Croatia; Slavonia; Croats; Revolution; 1848; Hungary; Ban Jelacic; Habsburg Empire; Emperor Ferdinand I; Austria IssD: 1852 Pub: Publisher:
ABS: Austrian (Habsburg) Emperor Ferdinand I's reprimand of Croatian Ban Jelacic (Jellachich) and his supporters for attempting separation from the Hungarian crown
Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Ferdinand_Jellachich_1848.pdf Desc: Description: Size: 38413
URI: <http://hdl.handle.net/1813/1444> Visits: 664

AU: Gerard, Emily TI: The Land Beyond the Forest, 1888 KW: Saxons; Transylvania; Germans; Hungary; Culture; Education; Religion; Lutheran IssD: 1888 Pub: Publisher:
ABS: Travel narrative of Gerard's journey to Transylvania -- fragments relating to the Transylvanian Saxons' (Germans) religion, education and way of life. Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Gerard_Land_Beyond_Forests_1888.pdf Desc: Description: Size: 129971
URI: <http://hdl.handle.net/1813/2141> Visits: 781

AU: Kossuth, Lajos TI: "Retrospect and Prospect," Speech given in Utica, NY, 1852 KW: Revolutions; 1848; Hungary; US support; Austria; Habsburg Empire IssD: 1854 Pub: Publisher:
ABS: Hungary's former revolutionary leader, Lajos Kossuth, bemoans the fate of Hungary's crushed revolution of 1848-1849 and expresses bitterness that the US did not come to Hungary's aid then. Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Kossuth_Retrospect&Prospect_1852.pdf Desc: Description: Size: 26545
URI: <http://hdl.handle.net/1813/2150> Visits: 502

AU: Kossuth, Lajos TI: Kossuth's Address to the People of the United States, 1850 KW: Lajos Kossuth; Hungarian Revolution; 1848-1849; United States; Americans IssD: 1852 Pub: Publisher:
ABS: Former regent of revolutionary Hungary (1848-1849), Lajos Kossuth, writes an address to the people of the US following the defeat of Hungarian revolutionary forces. Kossuth praises the ideas of liberty and independence and compares Hungary's goals

and ambitions to those of the Americans. Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Kossuth_to_US_1850.pdf Desc: Description: Size: 90535

URI: <http://hdl.handle.net/1813/1449> Visits: 878

AU: Kossuth, Lajos TI: The Claims of Hungary on the Female Sex, Speech given in New York City, 1851 KW: Hungary; Revolution; 1848-1849; Women; Nationalism; Women's rights IssD: 1854 Pub: Publisher:

ABS: Former Hungarian president, Lajos Kossuth, speaks to the Ladies of New York in 1851 about the sorrows of Hungary as they relate to women. Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Kossuth_Claims_of_Hungary_1851.pdf Desc: Description: Size: 29834

URI: <http://hdl.handle.net/1813/2142> Visits: 594

AU: Kossuth, Lajos TI: Kossuth's Speech at Dinner Sponsored by U.S. Congress, 1852 KW: Lajos Kossuth; Hungary; Neo-absolutism; US Congress; 1852; Absolutism IssD: 1852 Pub: Publisher:

ABS: Former leader of revolutionary Hungary (1848-1849), Lajos Kossuth (in exile), appeals to US Congress to help Hungary and other nations in their struggle against European (neo-)absolutism Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Kossuth_Congress_1852.pdf Desc: Description: Size: 62265

URI: <http://hdl.handle.net/1813/1448> Visits: 900

AU: Pears, Sir Edwin TI: The Massacre of Bulgarians, 1876 KW: Circassians; Bulgarians; Bulgaria; Ottoman Empire; Great Britain IssD: 1876 Pub: Publisher:

ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization

File: BulgarianMassacre-1876.pdf Desc: Description: Size: 18652

URI: <http://hdl.handle.net/1813/652> Visits: 792

AU: Sapieha, Prince Leon TI: Letter on Galician Autonomy, 1868 KW: Galicia; Habsburg Empire; Austria-Hungary; Autonomy; Grand Duchy of Cracow IssD: 1877 Pub: Publisher:

ABS: Letter from Prince Leon Sapieha to Count Beust reporting on the passage of a resolution to secure autonomy for Galicia by the The Diet of the kingdom of Galicia and Lodomeria and of the Grand Duchy of Cracow. Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Sapieha_Galician_Autonomy_1868.pdf Desc: Description: Size: 20154

URI: <http://hdl.handle.net/1813/2155> Visits: 556

AU: Slomka, Jan TI: The Life of a Polish Peasant, c. 1900 KW: Poland; Village life; Dzikov; Dzikow; Tarnowski; Feudalism; Peasants; Rural Transformation IssD: 1941 Pub: Publisher:

ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Slomka-1900.pdf Desc: Description: Size: 27346

URI: <http://hdl.handle.net/1813/665> Visits: 744

AU: Spencer, Captain TI: The Perils of Travel Through Moldavia, 1854 KW: Romania; Travel; Memoir; Bukovina; Moldavia; Moldova IssD: 1854 Pub: Publisher:

ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Moldavia-1854.pdf Desc: Description: Size: 19682
URI: <http://hdl.handle.net/1813/634> Visits: 767

AU: Stoyanoff, Zachary TI: The Stara Zagora Uprising, 1875 KW: Ottoman Empire; Uprising; Bulgaria; Stara Zagora IssD: 1875 Pub: Publisher:
ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization
File: StaraZagoraUprising-1875.pdf Desc: Description: Size: 16725
URI: <http://hdl.handle.net/1813/653> Visits: 624

AU: Strossmayer, Bishop Josip Juraj TI: Letter of Bishop Josip Juraj Strossmayer to Mr. William E. Gladstone, October 1, 1876 KW: Croatia; Islam; Muslims; Christians; Turks; Bulgarians; Bulgaria; Autonomy; Ottoman Empire; Decline; Bosnia; Serbs IssD: 1911 Pub: Publisher:
ABS: Bishop Strossmayer, who signs as "Bishop of Bosnia" (a Croat bishop based in Djakovo, in Slavonia) writes to Gladstone expressing sympathy for the granting of full administrative autonomy or independence to Bosnia and Bulgaria to free them from the Ottoman imperial influence and make them good Christians again. Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Strossmayer_Gladstone_1876.pdf Desc: Description: Size: 32511
URI: <http://hdl.handle.net/1813/2165> Visits: 577

AU: Strossmayer, Bishop Josip Juraj TI: Letter of Bishop Josip Juraj Strossmayer to Mr. William E. Gladstone, February 13, 1878 KW: Bulgaria; Christians; Turkey; Ottoman Empire; Serbs; Serbia; Montenegrins; Kosovo; Bosnia; Bosnians; Phenariots; Eastern Question IssD: 1911 Pub: Publisher:
ABS: Strossmayer writes to Gladstone more on the Eastern Question (see his other letter from 1876-1878). Says there is an urgent need to free the Christians from Ottoman (Turkish) oppression by granting them autonomy. Recommends territorial gains for Serbia. Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Strossmayer_Gladstone_1878-1.pdf Desc: Description: Size: 30523
URI: <http://hdl.handle.net/1813/2167> Visits: 601

AU: Strossmayer, Bishop Josip Juraj TI: Bishop Josip Juraj Strossmayer to Mr. William E. Gladstone, February 10, 1877 KW: Eastern Question; Turks; Islam; Christians; Turkey; Ottoman Empire; Bosnia; atrocities IssD: 1911 Pub: Publisher:
ABS: Strossmayer writes of the need for Europe to intervene in Turkey (on behalf of the Slavs of the Ottoman Empire) to protect Christians against atrocities by the Muslim administration. (See other letters from Strossmayer to Gladstone, 1876, 1878) Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Strossmayer_Gladstone_1877.pdf Desc: Description: Size: 32289
URI: <http://hdl.handle.net/1813/2166> Visits: 575

AU: Strossmayer, Bishop Josip Juraj TI: Letter of Bishop Josip Juraj Strossmayer to Mr. William E. Gladstone, April 11, 1878 KW: England; Eastern Question; Hungary; Balkan Peninsula; Islam; Ottoman Empire; Bulgarians; Bosnians; Magyars IssD: 1911 Pub: Publisher:
ABS: Strossmayer expresses shock that England wishes to be allied with Hungary "who know no policy save that of blind hate and aversion towards the Slavs." Fears the Brits

will turn over Balkan Slavs to oppression by Greeks. (See other letters from Strossmayer to Gladstone, 1876-1878) Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Strossmayer_Gladstone_1878-2.pdf Desc: Description: Size: 26027
URI: <http://hdl.handle.net/1813/2168> Visits: 766

AU: Taylor, Bayard TI: The Salt Mines of Wieliczka, 1850 KW: Salt Mines; Poland; Miners; Travel memoir; Habsburg Monarchy IssD: 1914 Pub: Publisher:
ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Wieliczka-1850.pdf Desc: Description: Size: 29604
URI: <http://hdl.handle.net/1813/659> Visits: 767

AU: Taylor, Bayard TI: A Glance at Warsaw, 1859 KW: Warsaw; Poland; Cracow; Travel narrative; Russian Empire; Habsburg Empire; Austria IssD: 1859 Pub: Publisher:
ABS: Taylor relates scenes from his travels to Cracow and Warsaw in the mid 19th century. Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Taylor_Glance_at_Warsaw_1859.pdf Desc: Description: Size: 32947
URI: <http://hdl.handle.net/1813/2145> Visits: 565

AU: The Ottoman Sultan TI: The Firman of Investiture of Prince Charles of Hohenzollern-Sigmaringen as Prince of the United Principalities of Moldavia and Wallachia, October 23, 1866 KW: Romania; Royal family; Ottoman Empire; Moldavia; Wallachia; Principalities IssD: 1891 Pub: Publisher:
ABS: Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Romania-1866.pdf Desc: Description: Size: 18975
URI: <http://hdl.handle.net/1813/629> Visits: 805

AU: Towle, George M. TI: Principalities of the Danube, 1877 KW: Moldavia; Wallachia; Moldova; Romania; Serbia; Bessarabia; Turks; Ottoman Empire; Description; Balkans; History; Islam; Eastern Orthodoxy; Christians; Muslims IssD: 1877 Pub: Publisher:
ABS: A description and history of the peoples of Serbia and the Romanian principalities from 1877. Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Towle_Principalities_Danube_1877.pdf Desc: Description: Size: 106353
URI: <http://hdl.handle.net/1813/2169> Visits: 670

AU: Turk (Tuerk), Karl TI: The Development of German-Czech Relations, 1898 KW: Bohemia; Moravia; Habsburg Monarchy; Austria-Hungary; Czechs; Germans; Nationalization; Language issues; Pan-Slavism; Schools; Clubs; Nationalism; Austrian Diet (parliament); Badeni language ordinances; Religion; Catholicism; Protestantism IssD: 1898 Pub: Publisher:
ABS: Discusses several aspects of Czech-German relations since 1848 from a German perspective. Talks about how Slavs in general and Czechs in particular are edging Germans out of cultural and political life in Austria. Collection: 1848-1900: Revolution, Liberalism, Modernization
File: Tuerk_German-Czech_1898.pdf Desc: Description: Size: 83589
URI: <http://hdl.handle.net/1813/2160> Visits: 591

AU: Twain, Mark; Clemens, Samuel TI: Stirring Times in Austria, 1898 KW: Austria; Parliament; Crisis; Vienna; Count Badeni IssD: 1898 Pub: Publisher:

ABS: Mark Twain spent two years (1897-1899) traveling in Central Europe, staying mostly in Vienna. While there, he reported on the famous sittings of the Austrian House in 1897 during which the conservative government sought to push through the renewal of the Ausgleich [Compromise] agreement against the will of the German Liberals (Twain calls them "the Left" or "the Opposition"). The government at the time was headed by Count Badeni (a Polish aristocrat whose full name was Kazimierz Felix), known as a "strong man" for his overbearing governance of Galicia. His appointment resulted in the slow collapse of German control over the monarchy. The reason for the 1897 legislative crisis was that Badeni had issued a language ordinance that gave Czech equal status with German even within the "inner service" (meaning between government departments). The German liberal opposition was so incensed that it vowed to obstruct the Ausgleich renewal until, in Twain's words, "the obnoxious Czech-language measure should be shelved." In the wake of the often violent protests, both within the House and in Prague, Vienna, Graz, and elsewhere in the monarchy, Emperor Franz Joseph dismissed Badeni. In the absence of a majority within the House, however, legislative action came to be undertaken increasingly by imperial emergency provisions which the parliament was not in session. This in turn further sapped the government of its remaining legitimacy. Twain outlines all these events with characteristic wit in this piece. Collection: 1848-1900: Revolution, Liberalism, Modernization

File: Twain_Austria_1898.pdf Desc: Description: Size: 122825

URI: <http://hdl.handle.net/1813/2170> Visits: 710

AU: U.S. Representative in Vienna TI: Reports of the U.S. Representative in Vienna, 1877 KW: Austria-Hungary; United States; Foreign Policy; Dualism; Hungary; Turkey; Ottoman Empire; Relations; Eastern Question; Romania; Russia; Count Tisza; Benjamin Kallay IssD: 1878 Pub: Publisher:

ABS: Includes reports on the details of Austro-Hungarian dualism, Austrian and Hungarian policy vis-a-vis the declining Ottoman Empire (Turkey) and the so-called "Eastern Question" and a variety of other issues relating to the foreign and domestic policy of Austria-Hungary. Collection: 1848-1900: Revolution, Liberalism, Modernization

File: USReport_Vienna_1877.pdf Desc: Description: Size: 51303

URI: <http://hdl.handle.net/1813/2171> Visits: 651

AU: TI: The Rijeka (Fiume) Resolution, 1905 KW: Croatia; Hungarian independence; Dalmatia; Territorial consolidation; Slavonia; Habsburg Monarchy IssD: 1911 Pub: Publisher:

ABS: Expresses solidarity with the Hungarian wish to gradually achieve full independence from Austria. Also, talks about the territorial integration of Dalmatia, Croatia and Slavonia as a condition of support for Hungarian aims. Collection: 1900-1918: Decline and Dissolution of Empires, First World War

File: Rijeka_Resolution_1905.pdf Desc: Description: Size: 23997

URI: <http://hdl.handle.net/1813/2154> Visits: 540

AU: TI: Administrative Court Decision Concerning the National Categorization of Schoolchildren in Moravia, 1913 KW: Moravia; Schools; Nationalization; Nationalism; Czechs; Germans; Legal proceedings IssD: 1914 Pub: Publisher:

ABS: Decision on the case of Lehar (see document by this author) regarding the practice of nationalizing schoolchildren in Austrian Moravia. Collection: 1900-1918: Decline and Dissolution of Empires, First World War

File: Schools_Moravia_1913.pdf Desc: Description: Size: 84604

URI: <http://hdl.handle.net/1813/2158> Visits: 573

AU: Carnegie Commission TI: Carnegie Report, The Serbian Army during the Second Balkan War, 1913 KW: Balkan Wars; 1912-1913; Serb Army; Atrocities; Eye-witness accounts IssD: 1914 Pub: Publisher:

ABS: Report including eyewitness testimonies relating to the conduct of the Serbian Army during the Second Balkan War (atrocities against Bulgarians and others). Also deals with atrocities committed by and against other belligerents and villagers (Greeks, Bulgarians, Turks). Collection: 1900-1918: Decline and Dissolution of Empires, First World War

File: Carnegie_SerbArmy_1913.pdf Desc: Description: Size: 62359

URI: <http://hdl.handle.net/1813/1456> Visits: 734

AU: Carnegie Commission TI: Carnegie Report, Macedonian Muslims during the Balkan Wars, 1912 KW: Balkan Wars; 1912-1913; Muslims; Macedonia; Atrocities; Serb Army; Bulgarian Army; Greek Army; Turkish Army; Ottomans IssD: 1914 Pub: Publisher:

ABS: Reports of atrocities and slights against the Muslim population of Macedonia by the Greek, Bulgarian and Serb armies and administrations. Collection: 1900-1918: Decline and Dissolution of Empires, First World War

File: Carnegie_MacedMuslims_1912.pdf Desc: Description: Size: 60572

URI: <http://hdl.handle.net/1813/1455> Visits: 729

AU: Carnegie Commission TI: Carnegie Report, the Greek Army and Bulgarian Peasants during the Second Balkan War, 1913 KW: Balkan Wars; 1912-1913; Greek Army; Bulgarian Peasantry; Eye-witness accounts; Atrocities; Serb Army IssD: 1914 Pub: Publisher:

ABS: Deals with the Greek Army and Bulgarian peasants during the Second Balkan War. Includes letters from Greek soldiers and accounts of Bulgarian villagers reporting atrocities committed by Greeks and Serbs in occupied areas. Collection: 1900-1918: Decline and Dissolution of Empires, First World War

File: Carnegie_GreekArmy_1913.pdf Desc: Description: Size: 97069

URI: <http://hdl.handle.net/1813/1454> Visits: 757

AU: De Windt, Harry TI: Through Savage Europe, 1907 KW: Balkans; Serbia; Bosnia; Dalmatia; Sarajevo; Belgrade IssD: 1907 Pub: Publisher:

ABS: Travel narrative of a special correspondent of the "Westminster Gazette" on the Balkans, first published in 1907. Collection: 1900-1918: Decline and Dissolution of Empires, First World War

File: DeWindt_Savage_Europe_1901.pdf Desc: Description: Size: 77570

URI: <http://hdl.handle.net/1813/2137> Visits: 601

AU: Kreisler, Fritz TI: Four Weeks in the Trenches, 1915 KW: WWI; First World War; World War I; Austria; Eastern Front; Russians; Memoir; Battle IssD: 1915 Pub: Publisher:

ABS: Memoir of Austrian violinist Fritz Kreisler covering the four weeks he spent as an Austrian soldier fighting the Russians on the Eastern front during WWI. Collection: 1900-1918: Decline and Dissolution of Empires, First World War
File: Kreisler_Trenches_1915.pdf Desc: Description: Size: 153156
URI: <http://hdl.handle.net/1813/1492> Visits: 563

AU: Lehar, Johann TI: Legal Appeal Regarding the National Categorization of Schoolchildren in Moravia, 1912 KW: Schools; Moravia; Nationalization; Nationalism; Czechs; Germans; Austria-Hungary; Dual Monarchy; Habsburg Monarchy; Legal appeal IssD: 1985 Pub: Publisher:

ABS: Appeal of Johann Lehar in Hohenstadt (Zabreh [the Czech name]) (Moravia) to the Supreme Administrative Court against the Ministry of Religion and Education, May 11, 1912. Complains about the practice of sending German schoolchildren to Czech schools. Collection: 1900-1918: Decline and Dissolution of Empires, First World War
File: Schools_Moravia_1912.pdf Desc: Description: Size: 98499
URI: <http://hdl.handle.net/1813/2157> Visits: 637

AU: Masaryk, Tomas TI: Independent Bohemia, 1915 KW: WWI; First World War; Czechs; Slovaks; Austro-Hungarian Monarchy; Habsburg; Bohemia; Independence IssD: 1943 Pub: Publisher:

ABS: Confidential memorandum from 1915 in which Tomas Masaryk argues for the dismemberment of Austria and the creation of an independent Bohemia Collection: 1900-1918: Decline and Dissolution of Empires, First World War
File: Masaryk_Bohemia_1915.pdf Desc: Description: Size: 82820
URI: <http://hdl.handle.net/1813/1451> Visits: 705

AU: Namier, Lewis TI: The Case of Bohemia, 1917 KW: Czechs; Slovaks; WWI; World War I; Austria-Hungary; Habsburg Monarchy; Bohemia; Germans; Independence; Czechoslovakia IssD: 1917 Pub: Publisher:

ABS: Argues for an independent Bohemia as a check on the power of Germans and Magyars (Hungarians). Collection: 1900-1918: Decline and Dissolution of Empires, First World War
File: Namier_Bohemia_1917 1.pdf Desc: Description: Size: 28601
URI: <http://hdl.handle.net/1813/2152> Visits: 644

AU: Smodlaka, Josip TI: Josip Smodlaka on Conditions in Dalmatia, 1910 KW: Dalmatia; Croatia; Croat Democratic Party; Austria-Hungary; Hungarian Diet (parliament); Croats; Serbs IssD: 1911 Pub: Publisher:

ABS: The following speech was delivered in the Austrian Parliament on December 3, 1910. The speaker, Dr. Joseph Smodlaka, the founder of the Croat Democratic Party in Dalmatia, and member of Parliament for Spalato, is one of the ablest and most attractive Southern Slav politicians, and what is still better, "a modern of the moderns" in the midst of medieval conditions. The well-known Austrian novelist, Hermann Bahr, in his *Dalmatinische Reise* (pp. 109-117), gives an admirable character sketch of Dr. Smodlaka. He tells us how he had learnt of Dr. Smodlaka as translated from the *Stenographische Protokolle* of that date. (Abstract by R.W. Seton-Watson) Collection: 1900-1918: Decline and Dissolution of Empires, First World War

File: Smodlaka_Dalmatia_1910.pdf Desc: Description: Size: 63947
URI: <http://hdl.handle.net/1813/2159> Visits: 757

AU: TI: Documents on the Founding of Czechoslovakia, 1918-1924 KW: Habsburg Monarchy; World War I; Czechoslovakia; Slovakia; Teschen; Benes; Sudeten Problem; T. G. Masaryk; Economy; Czechoslovak National Council IssD: 1918 Pub: Publisher:
ABS: Documents relating to the establishment of the Czechoslovak state. Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization
File: [Founding_of_Czechoslovakia_1918-1924.pdf](#) Desc: Description: Size: 138582
URI: <http://hdl.handle.net/1813/2139> Visits: 637

AU: TI: U.S. Diplomatic Correspondence on the Destruction of Czechoslovakia, Spring 1939 KW: Correspondence; Czechoslovakia; World War II; Germany; United States; Slovakia; Protectorate; Territorial revision IssD: 1939 Pub: Publisher:
ABS: 40 pieces of US diplomatic correspondence relating to the dissection of Czechoslovakia. Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization
File: [Fall_of_Czechoslovakia_US_Correspondence_1939.pdf](#) Desc: Description: Size: 145047
URI: <http://hdl.handle.net/1813/2138> Visits: 614

AU: American Jewish Relief Committee TI: Report on Postwar Poland, 1919 KW: Poland; Warsaw; World War I; Red Cross; Letter; Jews; Suffering IssD: 1919 Pub: Publisher:
ABS: With the American Red Cross in Poland. Excerpts from Letter written by Dr. (Major) H. I. Davis to Mrs. Davis. Poland, Warsaw Mar. 23, 1919 Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization
File: [American_Jewish_Relief_Committee_Poland_1919.pdf](#) Desc: Description: Size: 17438
URI: <http://hdl.handle.net/1813/2136> Visits: 565

AU: Masaryk, Tomas G. TI: Speech of President Masaryk, 1928 KW: Czechoslovakia; President; Interwar; WWI; Separation of Church and State; Reform; Germans; State-building; Czechs; Slovaks IssD: 1928 Pub: Publisher:
ABS: Czechoslovak President Tomas Masaryk's speech on the Tenth Anniversary of Czechoslovak Independence, October 28, 1928 in which he speaks about the foundations of the republic, the past and future of the Czechs and Slovaks, and the challenges facing Czechoslovakia. Includes biography of Masaryk at the end. Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization
File: [Masaryk_Speech_1928.pdf](#) Desc: Description: Size: 65930
URI: <http://hdl.handle.net/1813/1495> Visits: 534

AU: Masaryk, Tomas G. TI: Economic Democracy KW: Czechoslovakia; President; Memoirs; Economy; Communism; Democracy; WWI; 1914-1918; First World War; State-building IssD: 1927 Pub: Publisher:
ABS: From the memoirs of Czechoslovak President Masaryk from the years 1914-1918 wherein he talks about how communism is not the right path to take to equality. Includes a short biography of Masaryk at the end. Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization
File: [Masaryk_Economic_Democracy_1927.pdf](#) Desc: Description: Size: 22214
URI: <http://hdl.handle.net/1813/1493> Visits: 615

AU: Masaryk, Tomas G. TI: Message of President Masaryk to Parliament of Czechoslovakia, 1922 KW: Czechoslovakia; Interwar; President; Parliament; WWI; Agrarian reform; Economy IssD: 1922 Pub: Publisher:

ABS: Message of Czechoslovak President Tomas Masaryk to the Representatives of Parliament (January 1, 1922) in which he addresses the need for agrarian reform and "de-Austrianizing" the bureaucracy. Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization

File: Masaryk_Speech_1922.pdf Desc: Description: Size: 24930

URI: <http://hdl.handle.net/1813/1494> Visits: 569

AU: Nobility TI: Declaration of the Nobility to President Benes, 1938 KW: Czechoslovakia; Munich Agreement; Eduard Benes; Czech nobility; Sudeten Germans IssD: 1990 Pub: Publisher:

ABS: The Czech nobility writes to Czechoslovak President Eduard Benes voicing their desire to preserve the unity of Bohemia in the face of the threat of German expansion and claims on the Sudetenland. Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization

File: Nobility_to_Benes_1938.pdf Desc: Description: Size: 14898

URI: <http://hdl.handle.net/1813/1507> Visits: 710

AU: Rasin, Alois TI: International Remedy for Depreciated Currencies, 1921 KW: Economy; Post-WWI; Austria; Hungary; Inflation; Czechoslovakia IssD: 1921 Pub: Publisher:

ABS: Czech statesman Rasin discusses the means by which to create a viable Czechoslovak economy in the wake of the collapse of the Austro-Hungarian Monarchy. Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization

File: Rasin_Currency_1921.pdf Desc: Description: Size: 109115

URI: <http://hdl.handle.net/1813/2153> Visits: 516

AU: Scheu, Robert TI: Travels Through Bohemia, 1919 KW: Czechoslovakia; Bohemia; Travel narrative; Czechs; Post-WWI; Germans; Former Habsburg lands; Bohemian question IssD: 1919 Pub: Publisher:

ABS: This excerpt comes from a book-length study published in 1919, by an Austrian journalist who was the son of a famous Austrian Social Democrat. Scheu traveled around the language border in Bohemia during the summer of 1918, just before the Great War ended and much changed. Terms that might be unfamiliar to the American reader are explained within brackets. Other editorial notes consist mostly of factual corrections to Scheu's account. (Abstract prepared by Jeremy King of Mt. Holyoke College) Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization

File: Scheu_Travels_Bohemia_1919.pdf Desc: Description: Size: 133402

URI: <http://hdl.handle.net/1813/2156> Visits: 461

AU: Steinacker, Wolfgang TI: The Concept of National Belonging and The Practice of Determining National Belonging in Old Austrian Nationalities Law, 1932 KW: Bohemia; Moravia; Schools; Czechs; Germans; Language issues; Nationalization; Nationalism; Legal decisions IssD: 1932 Pub: Publisher:

ABS: Texts relating to how nationality was determined in Bohemia and Moravia under Habsburg rule (mostly precedents from the beginning of the 20th century). [For related

material, see the Lehar case and the Moravian court decision in that case, also in this archive] Collection: 1918-1939: Peace Settlements, Nationalizing States, Radicalization
File: Steinacker_NationalBelonging_Austria_1932.pdf Desc: Description: Size: 89057
URI: <http://hdl.handle.net/1813/2161> Visits: 469

AU: TI: Report on Young Women Workers in Poland, 1952 KW: Poland; Women; Communism; Young Workers' Homes IssD: 1952 Pub: Publisher:
ABS: Report to the Head of the Labor Unions Regarding the Situation in the Home of the Young Woman Worker in Nowa Sol, the province of Zielona Gora, 1952. Recounts instances of insubordinate and deviant behavior. Collection: 1945-1989: Communism, Revisionism, Dissident Movements
File: Women-Workers_Hostel_Poland_1952.pdf Desc: Description: Size: 121468
URI: <http://hdl.handle.net/1813/2143> Visits: 578

AU: TI: Friendship and Co-operation Between the Soviet Union and Other Socialist States, October 30, 1956 KW: Soviet Union; Warsaw Pact; Hungary; 1956; Military Intervention; 20th Congress of the Communist Party; Budapest IssD: 1956 Pub: Publisher:
ABS: Collection: 1945-1989: Communism, Revisionism, Dissident Movements
File: Friendship-soviet-1956.pdf Desc: Description: Size: 22555
URI: <http://hdl.handle.net/1813/666> Visits: 759

AU: TI: Sixteen Political, Economic, and Ideological Points, Budapest, October 22, 1956 KW: 1956; Hungary; Students; Demands; Imre Nagy; Matyas Rakosi; Uprising; Communism; Opposition IssD: 1956 Pub: Publisher:
ABS: Collection: 1945-1989: Communism, Revisionism, Dissident Movements
File: Hungary-16points-1956.pdf Desc: Description: Size: 22147
URI: <http://hdl.handle.net/1813/658> Visits: 666

AU: Gottwald, Klement TI: Some Principles of the New Constitution, 1946 KW: Constitution; Czechoslovakia; Communist; Czechs; Slovaks; Klement Gottwald; Jozef Tiso; Vojtech Tuka; Anti-fascist IssD: 1946 Pub: Publisher:
ABS: Statement of policy of the third Government of the National Front of the Czechs and Slovaks, made by the Premier, Klement Gottwald, in the Constituent National Assembly, Prague, July 8, 1946 Collection: 1945-1989: Communism, Revisionism, Dissident Movements
File: Gottwald_Constitution_1946.pdf Desc: Description: Size: 19287
URI: <http://hdl.handle.net/1813/1491> Visits: 579

AU: Musialkowski, J. TI: The Warsaw Women-Masons Do Not Give in to Men: Female Teams Achieved 11, 314 Bricks and 74 Square Meters of Plaster KW: Women; Poland; Communism; Labor competitions; Workers IssD: 1949 Pub: Publisher:
ABS: Recounts a labor competition in which women do mason work as quickly as men. From Trybuna Ludu, 1949. Collection: 1945-1989: Communism, Revisionism, Dissident Movements
File: Women-Workers_Poland_1949.pdf Desc: Description: Size: 113446
URI: <http://hdl.handle.net/1813/2144> Visits: 611

AU: Nagy, Imre; Soviet Government TI: Hungary, 1956 KW: Imre Nagy; Uprising; 1956; Hungary; Soviet Union IssD: 1956 Pub: Publisher:
ABS: Collection: 1945-1989: Communism, Revisionism, Dissident Movements
File: Hungary-Soviet-1956.pdf Desc: Description: Size: 18503
URI: <http://hdl.handle.net/1813/660> Visits: 833

AU: Trybuna Ludu TI: Clear Current and Scum, 1956 KW: Poland; 1956; Wladyslaw Gomułka; Pravda; Soviet Union IssD: 1956 Pub: Publisher:
ABS: Collection: 1945-1989: Communism, Revisionism, Dissident Movements
File: Trybuna-Poland-1956.pdf Desc: Description: Size: 21414
URI: <http://hdl.handle.net/1813/661> Visits: 758

AU: Dervisevic, Hase TI: Years to Forget: Memoirs of a Forgotten War KW: Bosnia; Muslims; War; Babo; Fikret Abdic; Alija Izetbegovic; Yugoslavia; Krajina IssD: 2004 Pub: Publisher:
ABS: Brief memoir of a Bosnian man who was among the supporters of Fikret Abdic (Babo) during the Wars of Yugoslav Succession in the 1990s. Babo's supporters--although Muslims themselves for the most part--fought the Bosnian Muslim army that was seeking Bosnia's independence. Collection: 1989-Present: Revolutions, Transitions, Yugoslav Wars, EU Integration
File: Bosnian_Memoir_2004.pdf Desc: Description: Size: 20652
URI: <http://hdl.handle.net/1813/1453> Visits: 868

AU: Acquarone, V; Bu-Contreras, R; Rumondor, A; Tacy, N TI: Numerical Simulation of Natural Convection Heating in Canned Foods Containing Solid Particles KW: IssD: 1999-01-10 Pub: Publisher:
ABS: In this work we investigated the influence of solid particles on the heating of canned foods. A numerical model for natural convection heating of liquids developed by Datta and Teixeira in 1987 was used for predicting the values of temperature and velocity inside a can filled with liquid and grain. The solid particles influence the buoyancy that drives the flow during the heating of the can, and this problem has not been solved until now. As a first attempt to solve it, we assumed a radical simplification and treated the system composed of liquid and particles as a porous medium. FIDAP (Fluid Dynamics Analysis Package) was the finite-element-based software used for simulating the fluid and heat flow. The plots of distribution of temperature and velocity in the cans showed that the qualitative behavior of both cans (liquid and liquid+grain system) was the same: the liquid near the hot wall becomes lighter and rises, there is radial flow near the top and uniform flow near the centerline. In conclusion, we observed that the solid matrix reduces the magnitude of the velocities by approximately 10% and slows down the distribution of temperature in the can filled with liquid and grain. Collection: 1999 Student Papers
File: 1999_cannedfoods_02.html Desc: Description: Size: 680
URI: <http://hdl.handle.net/1813/288> Visits: 1068

AU: Akinwale, Pamela; Bhebe, Prince; Ogura, Nori TI: Computer Aided Simulation of Varying Viscosities in Orange Juice Pasteurization KW: IssD: 1999-01-10 Pub: Publisher:
ABS: This project presents a FIDAP simulation for determining the effect of viscosity on the process time τ Collection: 1999 Student Papers

File: 1999_OJ_01.html Desc: Description: Size: 633
URI: <http://hdl.handle.net/1813/287> Visits: 987

AU: Beers, Craig; Jennifer, Burlingame; Johnson, Leigh Ann; Stepp, Eliza TI: The ABC's: Atherosclerosis, Blood Flow, and the Carotid Artery KW: IssD: 1999-01-10 Pub: Publisher:

ABS: The effects of blood flow were analyzed in the carotid artery, using computer aided engineering software (FIDAP and GAMBIT). The study was conducted because patients that have atherosclerosis often have plaque build up on the interior walls of the carotid artery directly before bifurcation. The design objectives were to analyze the velocity and shear stress through the carotid artery as the common section splits into the external and sinus sections. The results obtained demonstrated minimal velocity and shear stress in both the sinus and external sections of the artery. These differ from the expectations. In reality neither velocity nor shear stress decrease to this extent in normal blood flow through arteries. The results should have shown a decrease in both velocity and shear stress directly before the bifurcation. The plots obtained did demonstrate decreased velocity near the interior walls of the artery, as expected. Errors in the results relate to numerical problems with meshing. Further studies should be conducted to improve upon these results and include more realistic, less simplified parameters. Collection: 1999 Student Papers

File: ABC_report.pdf Desc: Description: Size: 138762
URI: <http://hdl.handle.net/1813/293> Visits: 637

AU: Bunimovich, Yuri; Mintseris, Julian; Kim, Becky; Mohan, Vivek TI: Heating Effects of Dental Drilling KW: IssD: 1999-01-10 Pub: Publisher:

ABS: Drilling causes pain in the tooth for various reasons. This paper addresses the heating of the pulpal region due to friction from drilling. The heating may depend on such parameters as the speed of the drill, water supply, and the rate of drilling. By coupling the semi-infinite geometry of a tooth with complex mechanisms of drilling, it may be possible to optimize the conditions of drilling such that the patient feels minimal pain. Modeling the above process on the computational software called FIDAP, we concluded that higher drill speeds correlate to the reduction of perceived temperature, and thus, pain level. Collection: 1999 Student Papers

File: 1999_dentadrilling_05.html Desc: Description: Size: 595
URI: <http://hdl.handle.net/1813/291> Visits: 1262

AU: Calve, Sarah; Gartenberg, Shaun; Taxier, Karen; Utz, Edward TI: Renal Tissue Preservation: Cooling the human kidney for optimal transport conditions KW: IssD: 1999-01-10 Pub: Publisher:

ABS: End Stage Renal Disease affects over 80,000 Americans each year. While there is no known cure, kidney transplants are the most effective way to combat the disease while bettering the quality of life for the patient. In this study, we implemented computer aided engineering in order to determine how a kidney cools during the time between harvest and transplantation. Our goal was to sustain the organ as long as possible outside the body while controlling for temperature and oxygen supply. We found that oxygen concentration of the kidney is only dependent on the boundary condition placed on the oxygen, and not at all related to the cooling rate. Our results showed that perfusion is beneficial because it is able to maintain the necessary amount

of oxygen required for the kidney to sustain its own metabolism. Collection: 1999 Student Papers

File: 1999_renaltissue_03.html Desc: Description: Size: 651

URI: <http://hdl.handle.net/1813/295> Visits: 1225

AU: Fryman, Rodney Sean; Jarrad, Daniela Elizabeth; Lau, Christina Mei Lan; Raile, Benjamin William TI: Angiography KW: IssD: 1999-01-10 Pub: Publisher:

ABS: This paper explores the use of Computer Aided Engineering (CAE) to model angiography dye flow in the detection of cerebral aneurysms. To obtain a discernable image, the concentration of the dye, Conray-60[®], needed to be above 0.2 in the desired region. The design goal was to optimize the appropriate dye injection catheter diameter while maintaining dye flow rate constant to provide the longest time window to take an angiogram of the carotid artery. A geometric model of the system, consisting of a tubular 5 mm diameter artery of 0.3 m in length with the catheter outlet at the beginning of the tube, was produced using the graphical program GAMBIT[™]. After specifying initial and boundary conditions of the model, including velocities and concentrations, the CAE program FIDAP[™] was used to compute the resulting fluid velocity and concentration change of the imaging dye, Conray-60[®]. Analysis was performed using a 2 mm diameter catheter and a 3 mm diameter catheter. The time window was obtained by finding the amount of time when the entire length of the region 5 cm from the inlet to the end of the tube maintained the desired concentration. For the 2 mm catheter, the time window was determined to be 1.5 seconds. The 3 mm catheter provided a time of 1.3 seconds. This analysis concludes that a smaller catheter provides a larger time window for the purpose of taking an angiogram when the flow rate cannot be changed. Collection: 1999 Student Papers

File: 1999_antiography_04.html Desc: Description: Size: 569

URI: <http://hdl.handle.net/1813/290> Visits: 629

AU: Gupta, Meghna; Langford, Darcey; Leary, Dan; Linhart, David; Piech, Tomasz TI: Water Flow and Heat Transfer Pattern in a HPS lamp KW: IssD: 1999-01-10 Pub: Publisher:

ABS: The purpose of this report is to model a High Pressure Sodium (HPS) light bulb. Velocity and heat transfer profiles were computed to determine the optimal configuration of heat evacuation using a liquid coolant. In this simulation, water is forced over the bulb to evacuate the large amount of heat that the HPS system produces. The results obtained show the velocity and heat transfer profiles for varying geometries of the HPS bulb. These conclusions can be used to optimize both the flow of coolant and the position of the inlet and outlet on the outer jacket to maximize operating efficiency. Collection: 1999 Student Papers

File: 1999_HPSlamp_06.html Desc: Description: Size: 609

URI: <http://hdl.handle.net/1813/292> Visits: 1287

AU: Aridgides, Lynn; Avrin, Becky; Smith, Chris TI: Frostbite in Ithaca: A Walk to Riley-Robb KW: IssD: 2000-01-10 Pub: Publisher:

ABS: Frostbite occurs when body tissues freeze after being exposed to extreme cold and wind. It's most likely to occur on body extremities ? fingers, nose, ears, and toes ? areas far from the warm body core and exposed to the elements. We have modeled tissue freezing in a finger in order to predict combinations of wind speed and temperature likely to lead to frostbite. Our model incorporates different tissue layers in the finger,

sources of heat, transient properties, and heat transfer through convection and conduction. Such a model is valuable because it accurately
Collection: 2000 Student Papers

File: 2000_frostbite07.html Desc: Description: Size: 600

URI: <http://hdl.handle.net/1813/275> Visits: 1103

AU: Bahr, Douglas; Tyler, John Poe; Weinert, Peter; Egan, John TI: Heat and Moisture Transport in the Nasal Cavity KW: IssD: 2000-01-10 Pub: Publisher:

ABS: The intake of air into the lungs is obviously a vital process for the survival of humans, and the conditioning of this air from ambient to alveolar is a necessity accomplished primarily in the nasal cavity. The human nose is capable of taking in air of nearly all conditions (hot, cold, dry, moist) and properly maintaining the required equilibrium. Increased awareness of nasal diseases, the use of drugs to aid in breathing, and surgeries (cosmetic and medical) have placed a premium on the understanding of the dynamics of the heat and water vapor transport phenomenon. This report takes a two-dimensional cross section and models flow past the inferior turbinate, producing velocity, temperature and water vapor profiles for normal breathing conditions and shows a control when the turbinate is not present. The results show that the turbinate (concha) is vital for processing the air to alveolar conditions. The results obtained at the exit match those in previous literature -- nearly saturated and near body temperature air leaves the cavity when the concha is present. However, the air is considerably closer to ambient conditions when turbinate is not present. Collection: 2000 Student Papers

File: 2000_nose06.html Desc: Description: Size: 617

URI: <http://hdl.handle.net/1813/274> Visits: 1290

AU: Campbell, Mike; Goodman, Joshua; Millis, Carrie; Rasmussen, Jessica TI: Thermal Burning and Its Effects on Human Skin KW: IssD: 2000-01-10 Pub: Publisher:

ABS: The objective of this paper is to model thermal burning due to application of a heat source, in the form of a cylindrical disc, through the three distinct layers of human skin, the epidermis, dermis and subcutaneous fat. The temperature of the disc was varied from 50 to 80 degrees Celsius, and was applied for 20 seconds. After the disc was removed, the exposed skin experienced natural convection at ambient air temperature. Metabolic heat generation and blood perfusion in the dermis were taken into consideration. We modeled heat conduction in the skin, tissue damage as a function of time and temperature, and finally, we determined that metabolic heat generation and blood perfusion heat were negligible. The following report introduces our problem, discusses the methods used to generate results and the results obtained, and finally presents our major conclusions and recommendations. Collection: 2000 Student Papers

File: 2000_Burning04.html Desc: Description: Size: 601

URI: <http://hdl.handle.net/1813/272> Visits: 1080

AU: Chen, Chih Hao; Chen, Diana; Chow, Kim Foo; Hui, JenYee; Lo, Darrick TI: Thermal Effects of Laser Eye Correction on the Cornea KW: IssD: 2000-01-10 Pub: Publisher:

ABS: Eye laser surgery such as Photo Refractive Kerotectomy (PRK) has been the most recent technology towards correcting vision disorders. However, 20/20 vision is not guaranteed and side effects are possible. By measuring the properties of the patient's cornea, the surgeon can customize the laser surgery procedure for more accurate

results. Using GAMBIT and FIDAP, two dimensional (2D) design simulations of the cornea in contact with a laser beam were used to determine Collection: 2000 Student Papers

File: 2000_Cornea01.html Desc: Description: Size: 622

URI: <http://hdl.handle.net/1813/269> Visits: 1016

AU: Chow, Brian; Lau, Ingar; Neidrauer, Mike; Park, Jennifer TI: Prostate Cryosurgery with Various Numbers of Probes KW: IssD: 2000-01-10 Pub: Publisher:

ABS: Cryosurgery is an increasingly popular way to treat prostate cancer. This process includes inserting one or more probes directly into the prostate to freeze the whole tissue and kill the cancer cells. The number of probes is a determining factor for the effectiveness of the procedure. In our project, we varied the number of probes to see how much of the prostate is frozen in twenty minutes. We used an argon cryogen system with probe temperature of -150oC. Using FIDAP to model the freezing of the prostate, we looked at the temperature data of nodes 2 cm away from the center of the prostate after 20 minutes. For the 1 probe model, the average temperature of the tissue was 25.76 deg C, for the 3 probe the average was 1.05 deg C and for the 5 probe, -16.97 deg C. From these results, it is evident that 1 probe is insufficient for prostate freezing since the temperature only went from 35oC to 25oC in twenty minutes, a mere 10 degree change. Even three probes will be inefficient for prostate freezing since it was twenty degrees away from reaching the optimal temperature of -20oC. We recommend using 5 probes for prostate freezing and looking into using even more probes for more time-efficient freezing. A colder cryogen would also lead to faster cooling. Our model used an argon system; liquid nitrogen with temperature -196oC could be a better alternative. Collection: 2000 Student Papers

File: 2000_Prostate03.html Desc: Description: Size: 607

URI: <http://hdl.handle.net/1813/271> Visits: 995

AU: Ehrenberg, Morton; Flynn, Terence; Seth, Rajeev; Thompson, Glenn; Yi, Jason TI: Cryogenic Freezing of the Entire Prostate Gland KW: IssD: 2000-01-10 Pub: Publisher:

ABS: The goal of this study was to model cryogenic freezing of the entire prostate, using five cryoprobes, while minimizing damage to the surrounding tissue. A 3-D model was attempted, but failed due to time constraints; therefore, a 2-D model was constructed. It was determined that probe placement was the key factor in minimizing the time required to freeze the prostate and the extent of damage to the surrounding tissue. Varying probe temperature between -180 deg. and -195 deg.C had little affect on these results. We also increased the temperature of the center probe outside of the range currently used for this procedure. This decreased the frozen area below the prostate where the rectum is located. Collection: 2000 Student Papers

File: 2000_cryo05.html Desc: Description: Size: 601

URI: <http://hdl.handle.net/1813/273> Visits: 1123

AU: Foote, Stacey; Gaines, Carmen; Levine, Jacob; Pecak, Garry; Saikkonen, Kelly TI: Heart Cryopreservation KW: IssD: 2000-01-10 Pub: Publisher:

ABS: Heart disease affects many people and heart transplants are becoming more common. Limited shelf life is a major hindrance to the success of heart transplants. Cryopreservation opens an avenue for increasing shelf life. Our goal in this study was to model the preservation of a heart using finite element software to determine the time needed to sufficiently cool the heart and to compare the average temperature to the

maximum temperature of the heart. We found a range of minimum times varying with material properties of the heart. We concluded that computer simulation can be used to approximate the minimum time needed to reach a desired maximum temperature. We also found that average temperature of the heart during cooling was not an accurate approximation of the maximum temperature. Collection: 2000 Student Papers

File: 2000_Heart02.html Desc: Description: Size: 585

URI: <http://hdl.handle.net/1813/270> Visits: 1034

AU: Gurzo, Mike; Ho, Jeremy; Lally, Sean; Selig, Mike TI: Accidental Freezing of the Tongue to Metal Poles KW: IssD: 2000-01-10 Pub: Publisher:

ABS: In an attempt to verify the age-old claim that your tongue will freeze to a metal pole and become stuck if you decide to lick it in the midst of winter, we have modeled tongue contact with a cold metal surface using finite-element analysis techniques. After varying ambient temperatures, we have concluded that accidental tongue-freezing is not a myth, and below -5 deg. C the tongue will freeze before it can be removed. An accompanying sensitivity analysis showed that variations in contact area, metal properties, and the convection coefficients do not significantly change this conclusion. Our simulation has opened the possibility for further study of the accidental freezing process, including the modeling of methods to remove the tongue once it is stuck. Collection: 2000 Student Papers

File: 2000_tongue09.html Desc: Description: Size: 603

URI: <http://hdl.handle.net/1813/277> Visits: 1384

AU: Lai, Sherry; Pottle, Bill; Schlesinger, Nicole; Lee, Jeff S. TI: Cold Therapy Analysis in Structurally Damaged Tissue KW: IssD: 2000-01-10 Pub: Publisher:

ABS: For our project, we conducted an analysis of cold therapy for structurally damaged tissue. Our intent was to determine the ideal conditions of temperature and time of cold therapy needed to most effectively treat a bruise. To do this, we devised a model of damaged tissue via GAMBIT and FIDAP and exposed this tissue to cold therapy at varying temperatures and times. We created a function to assess effectiveness of treatment which was dependent on the depth of penetration at 34 deg. C (ideal temperature for treated tissue) and the depth of penetration of 5 deg. C (temperature at which vasodilation occurs in order for the body to maintain homeostasis). The significance of this effectiveness value is that it is an indication of how effectively we have reduced blood flow in and surrounding the damaged tissue layers. A high effectiveness value translates into significantly reduced blood flow which mitigates the extent of damage. The applications of our findings could be put towards devising an ice pack/gel pack which is maintained at an appropriate temperature and left on an injury for an appropriate time. Collection: 2000 Student Papers

File: 2000_coldtherapy08.html Desc: Description: Size: 607

URI: <http://hdl.handle.net/1813/276> Visits: 1050

AU: TI: Title One KW: IssD: 2005-02-25 Pub: Publisher:

ABS: Collection: 2000 WIW Proceedings

File: Diagram One.doc Desc: Description: Size: 28672

URI: <http://hdl.handle.net/1813/408> Visits: 849

AU: Dalton, Anne V. TI: Your Energy.....Your Choice KW: energy; utilities; electricity; new york IssD: 2005-02-25 Pub: Publisher:

ABS: You no longer have to buy your electricity or gas only from your local utility. Instead, you can shop among the new ENERGY SERVICE COMPANIES (ESCOs) that will compete for your business Collection: 2000 WIW Proceedings
File: 01. Anne Dalton.doc Desc: Description: Size: 50688
URI: <http://hdl.handle.net/1813/391> Visits: 802

AU: Dulau, Laurent TI: Mouthfeel: Different Biotechnological Ways to Manage It KW: Wine--mouthfeel; Polysaccharides IssD: 2005-02-25 Pub: Publisher:
ABS: The role of polysaccharides in wine, and the role that they play in wine production and quality, has recently attracted some attention. There is good evidence that winemakers can use oenological and biotechnological tools to shape polysaccharide levels, and as a consequence, the mouthfeel of a wine. Collection: 2000 WIW Proceedings
File: 15. Laurent Dulau.doc Desc: Description: Size: 182784
URI: <http://hdl.handle.net/1813/402> Visits: 729

AU: Durand, Pascal TI: Comparison of Pinot Noir Production in New York and Burgundy, A KW: Wines and wine making--New York (State); Wines and wine making--France IssD: 2005-02-25 Pub: Publisher:
ABS: New York State has long been recognized for its leading edge in the production of Concord and Niagara grapes for juice products. More recently, New York has experienced great growth in its wine related industry. With 33,000 acres of grapes under production, New York ranks second to only California in wine production. The number of wineries has increased rapidly in the past 20 years, from approximately 20 to over 125 today. In 1976, the Farm Winery Act was first passed, resulting in explosive growth of the wine and grape i Collection: 2000 WIW Proceedings
File: PINOT.doc Desc: Description: Size: 103936
URI: <http://hdl.handle.net/1813/407> Visits: 904

AU: Egli, Christoph M.; Mitrakul, Craig; Henick-Kling, Thomas TI: Molecular Identification of Brettanomyces yeasts KW: Brettanomyces; Yeasts IssD: 2005-02-25 Pub: Publisher:
ABS: Brettanomyces/Dekkera yeasts grow in wine mainly during barrel aging. Their presence is often associated with formation of off-flavors. This potential spoilage generates a high demand for a fast, sensitive and reliable identification procedure in the food industry. Presently, these exigences are only fulfilled by the use of genetic techniques. In addition to yeasts from type culture collections Brettanomyces yeast strains isolated from Cabernet Sauvignon wines characterized by winemakers panels as having 'bretty' aromas were extensively analyzed in this regard. Brettanomyces/Dekkera reference strains from a type culture collection were included for comparison. Whereas karyotyping and chromosomal RFLP resulted in clear distinctions it did not allow for relatedness studies due to the lack of pattern conservation among species and strains. Conversely, i) ribosomal DNA restriction fragments length polymorphism, ii) comparative sequence analysis of the two internal transcribed spacer (ITS) regions located between the ribosomal RNA genes and iii) RAPD-PCR allowed for species discrimination within the genus Brettanomyces and strain discrimination within the species *B. bruxellensis*. All wine-isolated Brettanomyces/Dekkera yeasts belonged to the species *B. bruxellensis*. Cabernet Sauvignon wines were chosen from the seven vintages 1989 and from 1991 to 1996.

Merlot, Chardonnay, and Sauvignon blanc were taken from vintage 1995. All wines originated from the same winery. Whereas populations of one single or two strains were found, one strain always dominated in the examined wines. Populations of two clone A and B were found in 1989 in the ratio of 90% to 10%. Clone B was not found in 1991 but clone A completely dominated. Populations derived from clone C were found in 1992 (100%), 1993 (90%), 1994 (100%), 1995 (90%), and 1996 (70%). Clone D started to evolve in 1995 (10%) and was present in the following year 1996 to 30%. Clone B which was present in 1989 (10%) was not found any more in the following vintages. Brettanomyces yeasts were found in Merlot, but no yeasts were found in the two white wines. This established procedure for the first time makes the determination of Brettanomyces yeast possible thus allowing to learn about their successions in wine.

Collection: 2000 WIW Proceedings

File: 08b.doc Desc: Description: Size: 410112

URI: <http://hdl.handle.net/1813/397> Visits: 804

AU: Gerland, Christophe TI: Use of Lysozyme in Enology: Applications and Limits KW: Lysozyme; Wine and wine making; Enology IssD: 2005-02-25 Pub: Publisher:

ABS: Describes the role of the enzyme lysozyme in wine making or enology. Collection: 2000 WIW Proceedings

File: 13. Christophe Gerland.doc Desc: Description: Size: 272384

URI: <http://hdl.handle.net/1813/401> Visits: 784

AU: Gerland, Christophe TI: Color and Tannin Stability: Influence of Microaeration and Enological Tannin Addition KW: Tannins; Wine; Wine-Color IssD: 2005-02-25 Pub: Publisher:

ABS: It is well known that the stability of color is under the influence of microaeration and enological tannin addition. Collection: 2000 WIW Proceedings

File: 12. Gerland.tanins.doc Desc: Description: Size: 429056

URI: <http://hdl.handle.net/1813/400> Visits: 737

AU: Henick-Kling, Thomas TI: Proceedings of the 29th Annual New York Wine Industry Workshop 2000 KW: wine; conferences; toc; table of contents IssD: 2005-02-25 Pub: Publisher:

ABS: Table of Contents Collection: 2000 WIW Proceedings

File: WIW'00 TOC.doc Desc: Description: Size: 21504

URI: <http://hdl.handle.net/1813/390> Visits: 645

AU: Henick-Kling, Thomas; Egli, Christoph; Licker, Jonathan; Mittrakul, Craig; Acree, Terry E. TI: Brettanomyces in Wine KW: Brettanomyces; Wine; Yeast IssD: 2005-02-25 Pub: Publisher:

ABS: The Brettanomyces / Dekkera yeasts can be found in fermenting must and in wine. Typically they grow after alcoholic and malolactic fermentation during storage of wine in tank, barrel, or bottle. They contribute characteristic bretty flavors which are described as smoky, barnyard, plastic, burnt plastic, vinyl, Bandaid, and creosote. They can also contribute a metallic bitterness. Compounds which are responsible for brett flavor in wine include 4-ethyl phenol, 4-ethyl guaiacol, isovaleric acid, and unidentified burnt plastic compound. Descriptive sensory evaluations show an inverse relationship between fruity and bretty flavor perception. The brett aromas in some wines are considered a positive attribute, especially when present at low concentration.

Often these flavors are considered a defect. The wine's varietal and regional flavor characteristics might be completely masked by these flavors and the wine can be unpleasantly bitter. 4-ethyl phenol is used by some wineries as an indicator compound for the activity of *Brettanomyces*. Yet some wines having a strong brett flavors do contain none or very little 4-ethyl phenol. Preliminary studies show that 4-ethyl phenol is formed all through growth of *Brettanomyces*. Thus this compound can be used to confirm the presence of bretty flavors. The search for indicator compounds formed during early stages of growth of *B. continues*. The *Brettanomyces* yeasts can produce the characteristic brett flavors when growing at low cell density of several hundred to several thousand cells per mL. The fact that these yeasts are often present at low cell numbers and that they are slow growing makes detection difficult. Genetic analyses of wine isolates have shown that only strains of *B. bruxellensis* grow in wine. Semi-selective plating is performed prior to genetic analysis on media including cycloheximide. The development of DNA based probes has made it possible to reliably identify the yeast once it is plated on a nutrient agar plate. Further developments of specific probes and of probe application techniques will improve the specificity and speed of detection. Collection: 2000 WIW Proceedings

File: 08a.THK.Brett in wine.doc Desc: Description: Size: 113152

URI: <http://hdl.handle.net/1813/396> Visits: 1230

AU: Lakso, Alan N. TI: Basics of Water Balance in New York Vineyards KW: Wine and wine making; Wine growing--water effects IssD: 2005-02-25 Pub: Publisher:

ABS: In the humid climate of New York and the Northeast, rainfall is erratic and therefore drought stresses are not easy to predict. Do we have significant problems due to drought (significant enough to change cultural practices or invest in irrigation)? We know the answer depends on how dry the seasons are, how much water our vineyard soil holds, how much the vines need. Since we cannot predict the weather, we must take a risk assessment approach, and then evaluate methods to reduce risks we find. To do that we need to understand the factors that either increase or reduce our risks of significant loss from drought stress. Collection: 2000 WIW Proceedings

File: 17b. Lakso.doc Desc: Description: Size: 120320

URI: <http://hdl.handle.net/1813/405> Visits: 878

AU: Lakso, Alan N.; Pool, Robert M. TI: Drought Stress Effects on Vine Growth, Function, Ripening and Implications for Wine Quality KW: Wine and wine making; Wine quality; Wine--environmental effects IssD: 2005-02-25 Pub: Publisher:

ABS: In wine production the role of water stress has been debated for many years. It has become clear that neither end of the spectrum of water stress is optimal for desired balances of yields and wine quality. We will discuss how the range of water status affects vines and wines in this section. Following sections address the fundamentals of water balance in vineyards and how irrigation may fit, and the effects of drought stresses as seen in 1999 on vine performance and management options. Collection: 2000 WIW Proceedings

File: 17a. Lakso.doc Desc: Description: Size: 115712

URI: <http://hdl.handle.net/1813/404> Visits: 796

AU: Licker, J. L.; Acree, T. E.; Henick-Kling, Thomas TI: Impact of *Brettanomyces* Yeast on Wine Flavor: Sensory Description of Wines with Different KW: *Brettanomyces*; Yeast IssD: 2005-02-25 Pub: Publisher:

ABS: Growth of the yeast *Brettanomyces/Dekkera* in wine can drastically alter the aroma characteristics to the point where all varietal and regional flavor characteristics are overwhelmed by the flavors produced by these yeasts. To avoid spoilage it is important to know more about the aromas formed by these yeasts and be able to detect the changes in aroma early so that further growth of the yeast and further aroma modification can be avoided. Two groups of commercial wines with suspected "Brett" character were evaluated by two trained panels of judges. The first group included four Cabernet Sauvignon and two Pinot Noir wines; the second included four Cabernet Sauvignon wines. All were evaluated by sensory descriptive analysis and GC/MS 4-ethyl phenol analysis. Characteristic "Brett" aromas such as plastic, burnt plastic, Band-aid (TM), cow manure, barnyard, and horse sweat were summarized by the first group of tasters as 'plastic.' For the second group 'plastic' included only plastic, burnt plastic, and Band-aid (TM) odors. Dry manure and sweaty/animal were separate descriptors. In both groups, the wines were differentiated by univariate analysis of variance (ANOVA) and multivariate discriminant analysis (DA) by two descriptors: plastic and fruity. The greatest fruit character and lowest plastic scores defined the younger Cabernets, and the opposite was true for the older wines. There was little difference between the two Pinot Noirs for either descriptor. The a priori "Brett" observations from the winemakers proved to be a consistent predictor of Brett character for all wines. The observations also agreed with the 4-ethyl phenol concentrations and the post-hoc plastic mean scores from the ANOVA analyses. The "strong Brett" wines were the older vintage wines with higher 4-ethyl phenol concentrations, higher plastic and lower fruity mean scores. Wines with "maybe some" and "no Brett" had the lower 4-ethyl phenol concentrations and more fruit with less plastic scores. This investigation shows that aroma modifications by *Brettanomyces* yeasts can be reliably detected and quantified with trained tasters. Further investigations into the chemical basis of the 'Brett' aromas will allow us to use chemical indicators to detect activity of these yeasts early. Collection: 2000 WIW Proceedings

File: 08c.THK.Influence of Brett.doc Desc: Description: Size: 121344

URI: <http://hdl.handle.net/1813/398> Visits: 1081

AU: Martinson, Timothy E. TI: Trends in Acreage of Red Wine Varieties KW: Red wine; Cultivation IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses changes in the number of acres under cultivation in New York State for different varieties of red wine from 1990 to 1996. Collection: 2000 WIW Proceedings

File: 02. Martinson.doc Desc: Description: Size: 151040

URI: <http://hdl.handle.net/1813/392> Visits: 591

AU: Olsen-Harbich, Richard TI: Evaluating Red Wine Cultivars on Long Island KW: Red wine; Wine and wine making--New York (State)--Long Island; Wine growing--New York State; Wine growing--Long Island, New York IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses different conditions for growing wine on Long Island. Collection: 2000 WIW Proceedings

File: 16. Richard Olsen-Harbich.doc Desc: Description: Size: 73728

URI: <http://hdl.handle.net/1813/403> Visits: 616

AU: Peyron, Dominique TI: Ripening Conditions for Reds and Measurements to Assess Ripeness: A Burgundy Model KW: Red wine; Wine ripening IssD: 2005-02-25 Pub: Publisher:

ABS: The quality of the food products from raw material is generally dependent on phenol
Collection: 2000 WIW Proceedings

File: 05. Peyron.doc Desc: Description: Size: 204800

URI: <http://hdl.handle.net/1813/394> Visits: 715

AU: Pool, Robert TI: New Red Wine Varieties for Trial in the Northern Parts of Eastern North America
KW: Red wine
IssD: 2005-02-25
Pub: Publisher:

ABS: Discusses new red wine varieties being produced in the northern parts of Eastern of North America.
Collection: 2000 WIW Proceedings

File: 07. Pool.doc Desc: Description: Size: 58368

URI: <http://hdl.handle.net/1813/395> Visits: 762

AU: Pool, Robert M.; Lakso, Alan N. TI: Recognizing and Responding to Drought Stress in Maturing Grapevines
KW: Wines and wine making--Water effects
IssD: 2005-02-25
Pub: Publisher:

ABS: Discusses dealing with drought effects on grapevines.
Collection: 2000 WIW Proceedings

File: 17c. Lakso.doc Desc: Description: Size: 139776

URI: <http://hdl.handle.net/1813/406> Visits: 977

AU: Specht, Katie Scully TI: Enzymes for Aroma and Mouthfeel Enhancement
KW: Wine--aroma; Enzymes; Wine--mouthfeel
IssD: 2005-02-25
Pub: Publisher:

ABS: Selected enzymatic activities can have positive and negative effects on the mouthfeel and aromatic characteristics of red and white wines. Different enzymatic applications and their effects are examined.
Collection: 2000 WIW Proceedings

File: 11. Specht.doc Desc: Description: Size: 25600

URI: <http://hdl.handle.net/1813/399> Visits: 569

AU: Weston, Leslie A. TI: Grape and Wine Tannins and Phenolics: Their Roles in Flavor, Quality and Human Health
KW: Phenolic acid; Tannin
IssD: 2005-02-25
Pub: Publisher:

ABS: Describes the roles of grape and wine tannins and phenolics in flavor, quality and human health.
Collection: 2000 WIW Proceedings

File: 04. Weston.doc Desc: Description: Size: 88064

URI: <http://hdl.handle.net/1813/393> Visits: 980

AU: Alexander, Conor; Cohen, Rich; Furman, Guy; Pino, Chris; Schleifer-Schneggenburger, Jill TI: Heat Treatment of an Enlarged Prostate
KW: IssD: 2001-01-07
Pub: Publisher:

ABS: An enlarged prostate, known in the medical field as either benign prostate hyperplasia or benign prostate hypertrophy, is a common affliction among older men, resulting in a difficulty in urination. The condition is also dangerous because it can lead to infections of the kidney and bladder. A stent, made up of a shape memory alloy, such as nitinol, inserted in the urethra can serve as a means to rectify the problem ? the stent can deliver heat to the prostate, killing the obtrusive tissue. The goal of this simulation is to determine the time and power required to heat the stent to a point where a sufficient amount of inflamed tissue is killed while maintaining healthy tissue. Using GAMBIT to establish the geometry of the prostate and surrounding tissue, FIDAP can be implemented to solve the heating of the prostate by the stent.

Temperature and damage profiles can be obtained to determine the appropriate wattage application and time for the procedure. We determined that the optimal way of heating was to use a lower heat flux for a longer time. Collection: 2001 Student Papers

File: 2001_heatprostate.html Desc: Description: Size: 588

URI: <http://hdl.handle.net/1813/264> Visits: 1742

AU: Amobi, Ngozi; Lee, Jessica; Padron, Sonya; Price, Andrew II: Making Your Sausage Clean. The Art of Sausage Sterilization KW: IssD: 2001-01-07 Pub: Publisher:

ABS: Thermal processing of temperature and species within a sausage were modeled using FIDAP. A mesh was created in GAMBIT to recreate the sausage geometry; diameter = 0.072m and length = 0.21m. The sausage was assumed to be axis-symmetric, therefore one-quarter of a cylinder was modeled and used for analysis. A three step heating process was implemented using the time function in FIDAP: (1) smoke for 1 hour at 140 degrees Fahrenheit, (2) smoke at 160 degrees Fahrenheit, (3) smoke at 180 degrees Fahrenheit for two hours or until internal temperature reaches 155 F. The destruction of Escherichia coli O157:H7 was analyzed. At the end of the three-step process (14400s), the sausage center reached its final temperature and all E.coli were destroyed. Collection: 2001 Student Papers

File: 2001_sausage.html Desc: Description: Size: 611

URI: <http://hdl.handle.net/1813/261> Visits: 1184

AU: Avissar, Michael; Ishman, Naquan; Lee, Sui Ping; Patel, Payal II: Ferromagnetic Thermal Ablation of Prostate Tumor KW: IssD: 2001-01-07 Pub: Publisher:

ABS: There are many forms of treatment for prostate cancer. One set of treatments is called hyperthermia, the heating of tumor tissue to destroy it. Thermal ablation is a form of hyperthermia that destroys both normal and cell tissue. It occurs at temperatures of about 46 C or above. Heating is accomplished via various methods that have their own advantages and disadvantages. Furthermore, heating can be local, regional, or whole-body, meaning it can focus on small specific location, large organ areas, or the whole body. Our project focuses on ferromagnetic heating of local tumors. Ferromagnetic materials are magnetic materials that heat under an alternating, appropriately oriented, magnetic field. They heat until they reach their Curie point, the temperature at which they become non-magnetic and stop heating. The advantages of ferromagnetic heating is that is self-regulating since ferromagnetic implants will not heat beyond their Curie point, it can be easily localized since implants can be inserted in various configurations, it is repeatable if the implants do not degrade, and it is relatively inexpensive. Our goal was to simulate, via computational methods, the work done by Thermal Ablation Technologies, a company that designs ferromagnetic heating systems for thermal ablation of prostate tumors. We will examine the results of computer simulations of single implants and an array of implants. These results will be displayed in the form of temperature contours at specific times and temperature-time history plots at specific locations. We will determine from our analysis which parameters of ferromagnetic implant design are most crucial. Collection: 2001 Student Papers

File: 2001_prostate.html Desc: Description: Size: 664

URI: <http://hdl.handle.net/1813/259> Visits: 1355

AU: Beelitz, Carolyn; Bui, Jojo; Connelly, John; Mukherjee, Rani; Pan, Katy TI: Optimization of Chemotherapy for Lung Cancer KW: chemotherapy IssD: 2001-01-07 Pub: Publisher:

ABS: Chemotherapy is a common treatment method for lung cancer. Using FIDAP, this study simulated the diffusion of the drug, Cisplatin, from the blood stream throughout a lung tumor that partially blocked an airway. Two treatment methods were compared by the level of exposure (area under the concentration vs. time plot). One method was a single dose at time zero and the other

Collection: 2001 Student Papers

File: 2001_LungChemo.html Desc: Description: Size: 592

URI: <http://hdl.handle.net/1813/257> Visits: 981

AU: Felsovalyi, Flora; Jap, Bennett; Robilotto, Anthony; Tong, Gary TI: Delayed Effects of Hydrofluoric Acid Burn KW: IssD: 2001-01-07 Pub: Publisher:

ABS: Hydrofluoric acid burn is a common work related injury. After initial contact, hydrofluoric acid diffuses through the skin where it eventually reaches the bone. Once in contact, dissociated F⁻ ions react with the calcium in the bone forming calcium difluoride. Because of this mechanism, exposures often go undetected until the internal damage is

Collection: 2001 Student Papers

File: 2001_acidburn.html Desc: Description: Size: 593

URI: <http://hdl.handle.net/1813/262> Visits: 1212

AU: Fong, Jeannette; Ishikawa, Dave; Jackson, Andrea; Leung, Andrea; Yeung, Roger TI: Freezing a Fillet-o-Fish KW: food IssD: 2001-01-07 Pub: Publisher:

ABS: The frozen food industry is a billion dollar industry that demands efficient manufacturing of consumer products. Through modeling the freezing within a fish fillet, the process of storing and distributing this product is better understood. The purpose of this experiment is to determine the time to freeze a fillet of tilapia (*Oreochromis aureus*) of known shape and properties. Then through utilizing the fillet temperature, the shelf life or freshness is determined through a consumer based freshness test that provides a nominal shelf life for common species, including tilapia. Another objective is to determine the bacteria concentration of *Pseudomonas aeruginosa*, common bacteria found on fish and other seafoods, during and after freezing. Using Gambit and FIDAP, a three dimensional slab of 10cm x 5cm x 2 cm was modeled in a -4°C freezer where each side was exposed to convection except for the bottom which was simulated as resting on a surface (a shelf in the freezer). This fillet model froze in ~ 45 minutes and the shelf life was determined to be 22 days, according to the industry freshness chart by Dr. Joe Regenstein. The initial concentration of the *Pseudomonas aeruginosa* was 1x10⁵ CFU (colony forming units). After freezing, this concentration decreased to 9.8x10⁻⁴ or 0.2%. Collection: 2001 Student Papers

File: 2001_FiletFish.html Desc: Description: Size: 589

URI: <http://hdl.handle.net/1813/256> Visits: 1181

AU: Lo, Peter; Meng, Yizhi; Srikiatden, Jaruk TI: Normal vs. Abnormal Pharyngeal Bolus Transport KW: bolus, larynx, pharynx IssD: 2001-01-07 Pub: Publisher:

ABS: Normal and abnormal swallowing (dysphagia) processes in the pharynx were modeled using the computer-aided engineering software, FIDAP. In the normal case, boundary conditions for the epiglottis were established to prevent fluid flow into the larynx/trachea area. In the abnormal case, the boundary conditions for epiglottis were changed to allow some flow into the larynx/trachea. The program converged

successfully when the mesh was simplified, and two distinct flow patterns were observed for both normal and abnormal cases. Sensitivity analysis of abnormal swallowing behavior showed that the flow present in the trachea was slower at higher viscosities. This suggests that the method of feeding dysphagia patients with thickened liquids is useful in preventing aspiration. Collection: 2001 Student Papers

File: 2001_bolus.html Desc: Description: Size: 592

URI: <http://hdl.handle.net/1813/251> Visits: 951

AU: Matthews, James; Cunningham, Megan; Joslin, Lisa; Peterson, David TI: Comparison of Vaccine Freezing Methods KW: nitrogen freezing; vaccine IssD: 2001-04-05 Pub: Publisher:

ABS: We have developed a temperature-sensitive vaccine formulation in a glass vial that needs to be frozen prior to lyophilization. The method for freezing the vial has traditionally been liquid nitrogen tunnel freezing, but this method can be expensive and has problems with sterilization of the tunnel. We explored the advantages of a shelf-freezing method and did a comparison analysis on the two freezing methods to determine which situation was the preferred one. For our analysis, the vaccine vial dimensions were obtained from research performed by Merck & Co., Inc. We predicted that the shelf-freezing method would take too long to freeze the vaccine, which in turn would decrease the potency of the vaccine. We simulated both freezing methods using the Gambit and FIDAP programs to produce two different designs. For the sensitivity analysis, we manipulated the boundary temperatures of the shelf and the liquid nitrogen as well as the convective coefficient for the ambient air in the shelf design. We determined that the shelf freezing method was the most optimal for the freezing of the vial when we lowered the shelf temperature due to the small differences in the freezing times between the two methods. Collection: 2001 Student Papers

File: 2001_vaccine.html Desc: Description: Size: 585

URI: <http://hdl.handle.net/1813/253> Visits: 758

AU: Poon, Billy TI: Drug Delivery in the Brain KW: IssD: 2001-01-07 Pub: Publisher:

ABS: In this study, the diffusion of nerve growth factor (NGF) from a polymeric matrix into brain tissue was simulated using the finite element method (FEM). Two release profiles were studied and it was found that a constant release rate was a much better candidate than the normal release profile achieved by a disc. The concentration profile at various points in the brain created by a constant release rate showed a sharp increase toward a steady state concentration. This is opposed to a giant spike in concentration, which subsequently drops to zero that was the result from the normal release profile. The implications of this study are that for the release of therapeutic compounds into the brain, a constant release implant is much more desirable because it avoids a huge concentration spike at the start, which can cause harmful effects, and can maintain a steady state concentration. Collection: 2001 Student Papers

File: 2001_brain.html Desc: Description: Size: 576

URI: <http://hdl.handle.net/1813/263> Visits: 935

AU: Arvik, Torey TI: Brettanomyces spp. in Wines and the Winery Environment KW: Brettanomyces; Wine and wine making IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses Brettanomyces in wine and the winery environment. Collection: 2001 WIW Proceedings

File: 12.Arvik.doc Desc: Description: Size: 26112

URI: <http://hdl.handle.net/1813/415> Visits: 985

AU: Berry, Jennifer TI: What's new at the Bureau of Alcohol, Tobacco and Firearms (ATF)? KW: Bureau of Alcohol, Tobacco, and Firearms IssD: 2005-02-25 Pub: Publisher:
ABS: Describes current policies and activities of the Bureau of Alcohol, Tobacco and Firearms. Collection: 2001 WIW Proceedings

File:

08_Berry_What's_new_at_the_Bureau_of_Alcohol_Tobacco_and_Firearms_(ATF).doc

Desc: Description: Size: 45056

URI: <http://hdl.handle.net/1813/413> Visits: 978

AU: Couly, Bertrand TI: Experience with Cabernet Franc along the Loire, France KW: Wines and wine making--France; Cabernet Franc IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the production of Cabernet Franc in the Loire, France. Collection: 2001 WIW Proceedings

File: 01.Couly.doc Desc: Description: Size: 35840

URI: <http://hdl.handle.net/1813/409> Visits: 688

AU: Henick-Kling, Thomas; Egli, Christoph; Licker, Jonathan; Acree, Terry E. TI: Brettanomyces in Wine KW: Brettanomyces; Wine and wine making IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the effects of brettanomyces on wine. Collection: 2001 WIW Proceedings

File: 13-1-Brett in wine.text.doc Desc: Description: Size: 127488

URI: <http://hdl.handle.net/1813/416> Visits: 1203

AU: Parish, Matthew; Wollan, David; Paul, Robert TI: Micro-oxygenation: A Review KW: Wine and wine making; Micro-oxygenation IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the use of micro-oxygenation in wine making. Collection: 2001 WIW Proceedings

File: 15-Parish2.doc Desc: Description: Size: 301568

URI: <http://hdl.handle.net/1813/417> Visits: 1080

AU: Pool, Robert TI: Cabernet Franc for New York Vineyards KW: Wine and wine growing--New York (State); Cabernet (Wine) IssD: 2005-02-25 Pub: Publisher:

ABS: Describes the making of Cabernet Franc wine in New York State. Collection: 2001 WIW Proceedings

File: 06-2-Pool_Cabernet_Franc_for_New_York_Vineyards.doc Desc: Description: Size: 4542976

URI: <http://hdl.handle.net/1813/412> Visits: 814

AU: Pool, Robert TI: Clones for Finger Lakes Wine Growers KW: Wine and wine growing--New York (State); Wine and wine growing--Cloning; Cloning IssD: 2005-02-25 Pub: Publisher:

ABS: Describes the method of cloning for the growing of wine in the Finger Lakes region of New York State. Collection: 2001 WIW Proceedings

File: 06-1-Pool_Lerch_Henick-Kling_Clones_for_Finger_Lakes_Wine_Growers.doc

Desc: Description: Size: 300544

URI: <http://hdl.handle.net/1813/411> Visits: 621

AU: Price, Steven TI: Analysis of Finger Lakes Cabernet Franc: Phenolic Profile, Oak Profile, Brettanomyces KW: Phenolic acids; Brettanomyces; Wine and wine making--New York (State); Oak; Cabernet (Wine) IssD: 2005-02-25 Pub: Publisher:

ABS: Describes an analysis of Finger Lakes (New York) Cabernet Franc wines using phenolic acid, oak, and brettanomyces profiles. Collection: 2001 WIW Proceedings

File: 05-1-Oak Aroma.pdf Desc: Description: Size: 84015

URI: <http://hdl.handle.net/1813/410> Visits: 772

AU: Smith, Clark; Fugelsang, Ken TI: Winegrape Maturity Enhancement via Reverse Osmosis KW: Wine and wine making; Reverse osmosis; Wine--Maturity IssD: 2005-02-25 Pub: Publisher:

ABS: Describes the process of enhancing winegrape maturity through the reverse osmosis process. Collection: 2001 WIW Proceedings

File:

11_Smith_Fugelsang_Winegrape_Maturity_Enhancement_via_Reverse_Osmosis.doc

Desc: Description: Size: 1064448

URI: <http://hdl.handle.net/1813/414> Visits: 1215

AU: Barten, Garrett; Buhmann, Brendan; Gordon-Messer, Susannah; Kaufman, Aaron; Ward, Briana TI: Optimization of Nicotine Patch Placement KW: IssD: 2004-11-12 Pub: Publisher:

ABS: Nicotine patches are currently used as a transdermal drug delivery method help to people trying to quit smoking. Currently, those trying to quit smoking are encouraged to place the nicotine patch on the outside of the upper arm. This study examined the effect of placing the nicotine patch in different locations on the body. This was accomplished by examining a cylindrical section of skin (epidermal and dermal layers) with a nicotine patch placed on top. Epidermal layers were varied depending on the location of the patch: abdomen, back, ear and buttocks. The results showed that the placement of the patch on the body is relevant and that the epidermal layer of the skin is the biggest barrier to transdermal drug delivery. For faster delivery directly to blood it is useful to use an area of the body with a thin epidermal layer, but for a more time consistent delivery to the blood, a thicker epidermal layer is preferable. <http://instruct1.cit.cornell.edu/courses/bee453/secure/student2002/Albuterol/Webpage/> Collection: 2002 Student Papers

File: 2002_Nicotine.html Desc: Description: Size: 530

URI: <http://hdl.handle.net/1813/207> Visits: 1391

AU: Cargioli, Theresa; Gaites, Craig; Van Fleet, Geoff; Liem, Andre; Lyubchenko, Lev TI: The Mysteries of Firewalking Revealed KW: IssD: 2004-11-12 Pub: Publisher:

ABS: The act of firewalking was once thought of as a supernatural experience, shrouded in mystery and revered as a feat of courage and determination. Through the use of computer aided engineering and basic thermodynamics, firewalking can now be explained scientifically. We created a mesh in GAMBIT that included a representation of a human foot, a steam layer and the hot coals. The steam layer was created by the Leidenfrost effect, which we were testing the validity of. We determined, using FIDAP, that the combined effect of the steam layer's poor conduction and the favorable thermal properties of both the foot and coal make it is possible for anyone to walk along a hot coal bed. After taking away the steam layer, we discovered that the steam layer played a vital role in protecting the foot. If it is not present, the foot will be burnt, as the

temperature of the foot at the location of the nerve ending will surpass the pain threshold temperature of 318 Kelvin. Collection: 2002 Student Papers

File: 2002_Firewalking.html Desc: Description: Size: 585

URI: <http://hdl.handle.net/1813/204> Visits: 1166

AU: Chanler-Berat, Derek; Eckhardt, Ben; Reed, Kory; Morehead, Justin; Colosi, Lisa TI: Development of Frostbite in the Fingers KW: frostbite, finger IssD: 2004-11-12 Pub: Publisher:

ABS: Physiologically, frostbite can only occur after a segment of tissue has been exposed to the elements for sufficient time such that the tissue temperature remains constant at 0 °C and the solutions inside the tissue itself begin to form ice crystals and freeze. We will be exploring the time necessary for the development of each of the four degrees of frostbite as a function of the weather conditions, which will be represented by a reference temperature and a heat transfer coefficient (h_c) based on the wind velocity. Additionally, we will also give consideration to two different insulation scenarios (bare finger versus gloved fingered) in order to determine the optimal type of insulation for different weather conditions. Our results, in the format of individual contour plots for selected temperatures and each of the insulation scenarios will provide insight into the relative danger of frostbite development and determine exactly what portions of the finger are most at risk. Collection: 2002 Student Papers

File: 2002_Frostbite.html Desc: Description: Size: 509

URI: <http://hdl.handle.net/1813/205> Visits: 1101

AU: Cuneo, Kyle; LeBarron, Jamie; Reynolds, Jaimee; Tiberio, Christine; Yoo, Sylvia TI: Cryogenic Treatment of the Common Wart KW: wart, cryogenic IssD: 2004-11-12 Pub: Publisher:

ABS: This study models the effect of applying subzero temperature liquids to the surface of a common wart. The goal was to determine which variables (i.e. conductivity of skin, temperature of liquid, duration of application) that affected the extent of wart death versus healthy skin damage and to maximize this ratio. The wart was analyzed as an axi-symmetric, isotropic solid that protrudes from the skin surface. GAMBIT was used to create the mesh of skin and wart, and FIDAP was used to conduct finite element analysis to model the freezing process. Our results showed that liquid nitrogen was the most effective agent for cryogenic treatment of warts. The application time that resulted in maximal wart death and minimal skin damage was nine seconds with liquid nitrogen. In addition, sensitivity analyses were performed to determine the impact of changes in parameters and properties. The bioheat term and changes in the heat transfer coefficient did not significantly affect the results. However, a thermal conductivity that varied with temperature produced significantly different results compared to a constant conductivity. Collection: 2002 Student Papers

File: 2002_Wart.html Desc: Description: Size: 508

URI: <http://hdl.handle.net/1813/212> Visits: 1730

AU: Davis, Philip M.; Gaborski, Thomas; Pardo, Jaime; Patcha, Prasanth; Whitman, Kimberly TI: The Effects of Topical Heating for Therapeutic Uses KW: IssD: 2004-11-12 Pub: Publisher:

ABS: The application of topical heat for therapeutic purposes has become commonplace in America. It is used by professionals including physical therapists and physicians to treat their patients as well as by individuals within their home or at work. Using

computer simulation of two-dimensional heat transfer through the outer tissue layers of the body, the process of heat transfer and temperature gradients within the tissues can be predicted. The objective of this study was to determine the temperature gradient of the muscle layer after applications of heat for less than one-half hour. Finite energy heat sources such as a hot water bottle as well as electric heat constant-temperature sources were evaluated. Applied temperatures were maintained at 50 C or less so not to irritate the skin surface. It was determined in all cases that the temperature of the muscle did not significantly increase within our time frame and actually began to cool after fifteen minutes with the hot water bottle case studies. On the other hand, the temperature of the epidermal-dermal layer, where nerve endings exist, remained at an elevated state of above 40 C for an extended period of time. It is inferred that a heat stimulated response of the neurons may be the cause of muscle relaxation and pain relief when a topical heat source is applied. Collection: 2002 Student Papers

File: 2002_topical_heating.html Desc: Description: Size: 616

URI: <http://hdl.handle.net/1813/210> Visits: 1213

AU: Dy, Eric; Ross, Rachel; Tataria, Jigar; Lundeen, Anna TI: Bald is Beautiful, but is it Warm? KW: bald, baldness; heat heat loss hypothermia IssD: 2004-11-12 Pub: Publisher: ABS: The head is a major source of heat loss (60-80%), and therefore, if conditions are cold enough, not keeping the head properly insulated could lead to hypothermia. Because of this, we were interested in determining to what extent hair aided in insulating the head. Are bald people at an extreme disadvantage in winter weather even if they wear a hat? Using Gambit to create a mesh of the head and Fidap to run simulations on that mesh, we were able to model the heat loss through the head for a twelve-minute walk. Because we are concerned with our own well being as well as the well being of our fellow students, we modeled our scenario as if a person were walking from Carpenter Library to Riley Robb Hall in cold temperatures. In our analysis, we focused on the temperature at the surface of the skin to compare all of our results. We found that all individuals wearing a hat (regardless of their hair thickness or lack thereof) are at an equal position in cold weather (skin temperatures varied by only 0.08°C). However, without a hat, the thickness of hair causes the skin temperature to change drastically. Small amounts of hair (up to one cm) have very little effect on the overall temperature of the skin after twelve minutes in cold temperatures, but once hair reaches a thickness of two cm, the head becomes significantly insulated and skin temperatures are much higher. Collection: 2002 Student Papers

File: license.txt Desc: Description: Size: 1802

URI: <http://hdl.handle.net/1813/203> Visits: 1297

AU: Gonzalez, Ruth; Jones, Caroline; Meltzer, Sara; Miksic, Vonya; Patel, Payal TI: Radiofrequency Ablation for Treatment of Osteoid Osteoma Tumors KW: IssD: 2004-11-12 Pub: Publisher:

ABS: Collection: 2002 Student Papers

File: 2002_Radiofrequency.html Desc: Description: Size: 505

URI: <http://hdl.handle.net/1813/208> Visits: 1594

AU: Hai, Jimmy; Prabhu, Anoop; Shanbhag, Mihir; Suzuki, Kei; Wong, Hing Fei TI: Thermal Capsulorrhaphy for the Treatment of Acute or Chronic Shoulder Instability KW: IssD: 2002-11-12 Pub: Publisher:

ABS: Shoulder instability resulting from over-used and/or damaged ligaments is a frequent problem for physically active individuals, especially professional athletes. This chronic ailment had been traditionally treated with open procedures in the past, but arthroscopic alternatives have become the new wave in orthopedic treatment. Thermal capsulorrhaphy utilizes a Radio Frequency (RF) probe that is inserted in the shoulder to shrink the ligaments by denaturing the fibers and letting them stiffen during the subsequent renaturation process, thereby curing the instability. Our goal in this project is to model the heating of the shoulder ligament to determine the optimal time, convective heat transfer coefficient (h), and the proper heat generation (Q) to generate the most uniform results, while limiting the unwanted heat that is delivered to the surrounding tissue. We concluded that computer simulation can be used to better understand the heat transfer in the shoulder during thermal capsulorrhaphy. We also found that the optimal Q was 60,000 kW/m³, the optimal h was 50 W/m²-K, the optimal time was 600 seconds per ligament strip, and the optimal number of probe sweeps was three to get the most effective results. Collection: 2002 Student Papers
File: 2002_ThermalCap.html Desc: Description: Size: 581
URI: <http://hdl.handle.net/1813/209> Visits: 1363

AU: Ho, Calvin; Teh, Cheryl; Kou, Cynthia; Chan, Jason; Mok, Lawrence TI: Will You Warm My Hand? KW: IssD: 2002-11-12 Pub: Publisher:
ABS: The objective of this design was to determine the effect of a commercial heating patch in a gloved hand on a cold day. Using Gambit and FIDAP, we meshed a gloved hand with results showing that this patch indeed warms the hand to normal body temperature in about 13 minutes. We also showed that varying blood perfusion rates do change the final temperature significantly. We also performed a sensitivity analysis with different types of leather gloves, but this only showed a change in temperature of about two degrees. Collection: 2002 Student Papers
File: 2002_WarmHand.html Desc: Description: Size: 464
URI: <http://hdl.handle.net/1813/211> Visits: 1223

AU: Ho, Jeff; Putnam, Lauren; Savath, Vince; Scott, Bill TI: Albuterol Uptake in Bronchioles KW: albuterol; bronchioles; asthma IssD: 2004-11-12 Pub: Publisher:
ABS: Millions of people around the world suffer from asthma, which is characterized by breathing problems due to constricting bronchioles. While current remedies involve an effective inhaler drug, such as Albuterol, that relieves such symptoms, it still has not been determined exactly how often such a drug should be administered. This project uses GAMBIT and FIDAP to model the uptake of Albuterol in bronchioles in order to determine how often these inhalers should be used to maximize drug delivery and quickly minimize symptoms. A suitable model of drug flow through the bronchioles was developed and we were able to determine how much Albuterol was present in the bronchioles at any given time. It was determined that the concentration reaches steady state at about 0.004 seconds, and concentration at every point was directly proportional to the defined inlet concentration after that. However, since we were not able to find the therapeutic concentration, or the minimum amount of Albuterol needed to be effective in relieving symptoms, we could not quite figure out the proper time spacing between inhaled dosages. Collection: 2002 Student Papers
File: license.txt Desc: Description: Size: 1802
URI: <http://hdl.handle.net/1813/202> Visits: 1472

AU: Jolly, Aaron; Gupta, Sameer; Auerbach, Eric; Loaknauth, Nicholas; Drost, Laurens
TI: Laser Hair Removal KW: IssD: 2004-11-12 Pub: Publisher:

ABS: Laser hair removal, through a process known as selective photothermolysis, is a new trendy way to remove all that unwanted hair. Traditional methods such as waxing, tweezing, shaving and electrolysis each have their disadvantages. However, selective photothermolysis provides a simple and relatively painless way to achieve that hair free physique. From our knowledge of the procedure, we found that the most ideal way to model the hair follicle would be in an axis-symmetric model that divides the follicle and its surrounding tissue in half. The follicle was modeled at a depth of .0035m. Other parts of the hair are neglected as we concluded them to be insignificant. After calculating the laser's power and inputting it as a flux over the surface of the follicle, we found very pleasing results that agree with our target values. These values include a threshold of 60 degrees C for the follicle in order to completely damage it and a threshold of 50 degrees C for the skin that would cause a mild pinching sensation because of the minute sizes we are dealing with. To obtain optimal results the following three laser parameters were varied: fluency, pulse duration and thermal relaxation time. After rigorous testing we found the optimum values as follows: pulse duration of 10ms, thermal relaxation time of 40ms and finally a fluency of 50 J/cm². We also found through sensitivity analysis that the specific heat and conductivity do not vary with temperature within a certain range. However, density proved to be very significant and varied drastically with temperature change within the follicle.
Collection: 2002 Student Papers

File: 2002_LaserHair.html Desc: Description: Size: 476

URI: <http://hdl.handle.net/1813/206> Visits: 1405

AU: TI: World Class Dry Riesling from the Pfalz: Ernst Loosen and the J. L. Wolf Estate
KW: Loosen, Ernst; J. L. Wolf estate; Wine and wine making--Germany; Wine--Dry Riesling
IssD: 2005-02-25 Pub: Publisher:

ABS: Provides an overview of Ernst Loosen's work at the J. L. Wolf estate in Germany making dry riesling wine. Collection: 2002 WIW Proceedings

File: 01.Wolf info sheet.pdf Desc: Description: Size: 191084

URI: <http://hdl.handle.net/1813/418> Visits: 913

AU: TI: Washington State Viticulture KW: Wine and Wine Making--Washington (State)
IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the wine making industry in the state of Washington. Collection: 2002 WIW Proceedings

File: 04.WA Viticulture.ppt Desc: Description: Size: 4636160

URI: <http://hdl.handle.net/1813/420> Visits: 907

AU: TI: World-Class Riesling from the Mosel: Ernst Loosen and the Dr. Loosen Estate
KW: Loosen, Ernst; Wine--Riesling; Wine and Wine Making--Germany; Wine and Wine Making--Mosel
IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses production of riesling wine by Ernst Loosen in the Mosel region of Germany. Collection: 2002 WIW Proceedings

File: 02.Loosen info sheet.pdf Desc: Description: Size: 186540

URI: <http://hdl.handle.net/1813/419> Visits: 965

AU: Arvik, Torey; Conterno, Lorenza; Henick-Kling, Thomas TI: Brettanomyces Bruxellensis in New York State Wines: A Global Issue KW: Brettanomyces bruxellensis; Wine and wine making--New York (State) IssD: 2005-02-25 Pub: Publisher:
ABS: Recent work in our laboratory to identify strains of Brettanomyces bruxellensis in New York State has focused on red wines from the Finger Lakes region and Long Island. Most isolates were from barrel samples and were therefore unfiltered blends of several separate environments. Two isolates were from finished wines in bottle, one of which was not filtered as a matter of style. Collection: 2002 WIW Proceedings
File: 19.Brett_torey.doc Desc: Description: Size: 27648
URI: <http://hdl.handle.net/1813/436> Visits: 1074

AU: Arvik, Torey; Henick-Kling, Thomas TI: Brettanomyces Bruxellensis Occurrence, Growth, and Effect on Wine Flavor KW: Brettanomyces bruxellensis; Wine--Flavor IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses the occurrence of Brettanomyces bruxellensis, its growth, and its effect on wine flavor. Collection: 2002 WIW Proceedings
File: 18.Brett PWV2002.rtf Desc: Description: Size: 50334
URI: <http://hdl.handle.net/1813/435> Visits: 944

AU: Cheng, Lailiang; Martinson, Timothy; Henick-Kling, Thomas; Lakso, Alan N. TI: Nitrogen Management to Improve Vine N Status and Reduce Atypical Aging of Wine in New York KW: Wine and wine making--New York (State); Wine--Atypical aging; ATA; Nitrogen management; Vine N status IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses the use of nitrogen management to improve Vine N status and reduce atypical aging of wine New York State. Collection: 2002 WIW Proceedings
File: 14.NYWIW02Cheng.doc Desc: Description: Size: 106496
URI: <http://hdl.handle.net/1813/431> Visits: 745

AU: Gafner, Jurg TI: Origin of Acetic Acid and Increased Acidity in General in Wines: Stressed Fermentation KW: Acetic acid; Wine--Acidity; Fermentation; Wine--Fermentation IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses how spoilage of wines by microorganisms can be prevented when conditions are created by the winemakers which favor the growth of the desired microorganisms. Collection: 2002 WIW Proceedings
File: 16.Manuskript Thomas Stress.doc Desc: Description: Size: 40960
URI: <http://hdl.handle.net/1813/433> Visits: 1159

AU: Gafner, Jurg TI: Atypical Aging (ATA): The Influence of Free Sulphurous Acid on the Occurrence of ATA and Its Curing by the Addition of Ascorbic Acid KW: Wine and wine making; Wine--Atypical Aging; ATA; Sulphurous acid; Vitamin C; Ascorbic acid IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses the influence of free sulphurous acid on the occurrence of atypical aging (ATA) in wine and its curing by the addition of ascorbic acid. Collection: 2002 WIW Proceedings
File: 10a.Manuskript Thomas ATA.doc Desc: Description: Size: 90112
URI: <http://hdl.handle.net/1813/427> Visits: 636

AU: Lakso, Alan N. TI: Effect of Water Stress on Vineyards and Wine Quality (in Eastern Climates - OK?), The KW: Wine and wine making; Wine--Quality; Vineyards--Water effects IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the effect that the lack of water has on vineyards and wine quality in the eastern United States. Collection: 2002 WIW Proceedings

File: 12.WatStatusWineEast2001.doc Desc: Description: Size: 82944

URI: <http://hdl.handle.net/1813/429> Visits: 779

AU: Lakso, Alan N.; Pool, Robert M.; Cheng, Lailiang; Martinson, Timothy; Li, K-T TI: Drought and Water Stress in New York Vineyards and the Potential for Atypical Aging of New York Wines KW: Wine and wine making--New York (State); Wine--Atypical aging; ATA; Vineyards--Water effects IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses how drought and water stress in New York vineyards might cause atypical aging (ATA) in New York wines. Collection: 2002 WIW Proceedings

File: 13.Lakso Desc: Description: 167936, Size: talDrought=ATA.doc

URI: <http://hdl.handle.net/1813/430> Visits: 581

AU: Martin, Dennis TI: Introduction to California Riesling, An KW: Wine and Wine Making--California; Wine--Riesling IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the production of riesling wine in the state of California. Collection: 2002 WIW Proceedings

File: 05.Riesling Report.Martin.pdf Desc: Description: Size: 321779

URI: <http://hdl.handle.net/1813/421> Visits: 839

AU: Olsen, Erik TI: Marketing Riesling: Chateau Ste. Michelle Case Study KW: Wine--Riesling; Chateau Ste. Michelle; Wine and Wine Making--Washington; Wine and Wine Making--Marketing IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the marketing and production of Riesling wine in the state of Washington. Collection: 2002 WIW Proceedings

File: 06.CSM Riesling Marketing.ppt Desc: Description: Size: 4511744

URI: <http://hdl.handle.net/1813/422> Visits: 806

AU: Peterson, David TI: Overview of Riesling Viticulture in New York KW: Wine and wine making--New York (State); Wine--Riesling IssD: 2005-02-25 Pub: Publisher:

ABS: Provides an overview of New York viticulture that utilizes the Riesling grape. Collection: 2002 WIW Proceedings

File: 20.Riesling growing.doc Desc: Description: Size: 25600

URI: <http://hdl.handle.net/1813/437> Visits: 1060

AU: Pool, Robert TI: Brief History of Riesling Research at Geneva and Fredonia, A KW: Wine and Wine Making--New York (State); Wine-Riesling IssD: 2005-02-25 Pub: Publisher:

ABS: Describes the production of riesling wine in upstate New York. Collection: 2002 WIW Proceedings

File: 07.RieslingatGeneva.doc Desc: Description: Size: 1287680

URI: <http://hdl.handle.net/1813/423> Visits: 693

AU: Rauhut, Doris TI: Volatile Sulfur Compounds: Impact on "Reduced Sulfur" Flavor Defects and "Atypical Aging" in Wine KW: Wine and wine making; Wine--Atypical aging; Sulphur compounds; ATA IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses the impact that volatile sulfur compounds have on wine, especially in relation to atypical aging (ATA). Collection: 2002 WIW Proceedings
File: 15.Rauhut .doc Desc: Description: Size: 187904
URI: <http://hdl.handle.net/1813/432> Visits: 857

AU: Schultz, Hans R. TI: Viticulture and Atypical Aging KW: Wine and wine making; Wine--Atypical aging--Causes; ATA--Causes IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses possible causes for atypical aging (ATA) in wine. Collection: 2002 WIW Proceedings
File: 11.Vit atypical aging.doc Desc: Description: Size: 121344
URI: <http://hdl.handle.net/1813/428> Visits: 720

AU: Schultz, Hans R. TI: Vineyard Management and Fruit Ripening and Flavor Development KW: Wine and wine making; Vineyard management; Fruit ripening; Flavor development IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses the many factors involved in establishing and managing a vineyard that influence fruit ripening and flavor development. Collection: 2002 WIW Proceedings
File: 09.Vineyard management.doc Desc: Description: Size: 348160
URI: <http://hdl.handle.net/1813/425> Visits: 736

AU: Sponholz, Wolf Rudiger TI: Treatment of Cork with Suberose KW: Bottle corks; Suberose; Wine--flavor IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses how treating wine bottle corks with the enzyme suberose can prevent the wine leaching the corks and disturbing its flavor as a result. Collection: 2002 WIW Proceedings
File: 17.Treatment of Cork.doc Desc: Description: Size: 138752
URI: <http://hdl.handle.net/1813/434> Visits: 979

AU: Sponholz, Wolf Rudiger TI: Atypical Aging, The: A Surway KW: Wine--Atypical Aging; Wine and wine making; ATA IssD: 2005-02-25 Pub: Publisher:
ABS: Atypical Aging (ATA) was first detected in Germany in 1988 in the wine growing area in Franconia. Thereafter, in all the German wine growing regions ATA was expressed more or less severe. It was detected in all white wine varieties and also in Ros? wines, but never in red wines. Mainly it was found in light wines, like base wines for sparkling wines. In over-cropped vineyards and in such with a low water table, that means on dry sites. Looking around whether this phenomenon is a solely German problem, it quickly became clear, that this unpleasant odor defect can be found around the world. In Europe ATA has been detected so far in Austria, Switzerland, Italy, and France. But also it has been found overseas. In wines from the Finger Lakes it has been recognized for several years, but it was not taken into account as a separate fault. Originally it seen as a fault coming from mixing native American or American-French hybrid wines into a vinifera wine. But California, Oregon, Australia, New-Zealand and South Africa experience this defect. If some more countries would show the fault in their wines, it would not be surprising. Collection: 2002 WIW Proceedings
File: 10.The Atypical Aging Text.doc Desc: Description: Size: 78336
URI: <http://hdl.handle.net/1813/426> Visits: 752

AU: White, Gerald B.; Pisoni, Mark E. TI: Cost of Establishment and Production of Vinifera Grapes in the Finger Lakes Region of New York, 2001 KW: Wine and Wine Making--New York (State); Wine--Vitis Vinifera IssD: 2005-02-25 Pub: Publisher:

ABS: In recent years there has been increased interest in the Finger Lakes, as well as in other producing regions in New York state, in planting Vitis vinifera grapes for premium wine production. Red varieties such as Pinot Noir, Cabernet Sauvignon, and Cabernet Franc all experienced increased acreage in the most recent orchard and vineyard survey com Collection: 2002 WIW Proceedings

File: 08.Vinifera Gps 2001.pdf Desc: Description: Size: 351120

URI: <http://hdl.handle.net/1813/424> Visits: 624

AU: Androlowicz, Julie; Clark, Iain; Doerr, Geogr; Netravali, Nathan; Wynne, Joseph TI: Hyperthermic Ablation of Hepatic Tumors by Inductive Heating of Ferromagnetic Alloy Implants KW: IssD: 2003-06-17 Pub: Publisher:

ABS: This study is an investigation into the ability Collection: 2003 Student Papers

File: Ablation.pdf Desc: Description: Size: 617335

URI: <http://hdl.handle.net/1813/126> Visits: 1270

AU: Buchwald, Steven; Chiu, Nicole; Chu, Melvin; Kim, Hesus; Yeang, Calvin TI: Cryopreservation of Umbilical Cord Tissue for Stem Cell Harvesting KW: cryopreservation; umbilical cord IssD: 2003-07-12 Pub: Publisher:

ABS: Stem cell transplantation has be Collection: 2003 Student Papers

File: cryopreservation.pdf Desc: Description: Size: 406194

URI: <http://hdl.handle.net/1813/140> Visits: 1724

AU: Celia, Chan; Yen, Cu; Jessica, Kadlec; Jennifer, Lee TI: Lord of the Mood Rings KW: IssD: 2003-06-17 Pub: Publisher:

ABS: Our main objective is to stu Collection: 2003 Student Papers

File: MoodRing.pdf Desc: Description: Size: 447217

URI: <http://hdl.handle.net/1813/127> Visits: 1709

AU: Cottrell, Jocelyn; Hogan, Chris; Jain, Nieraj; Nogal, Bartosz; McWay, Michael TI: Modeling Heat Flows in a Hibernating Black Bear KW: thermogenesis IssD: 2003-07-12 Pub: Publisher:

ABS: The American Black Bear (*Ursus americanu* Collection: 2003 Student Papers

File: Bear.pdf Desc: Description: Size: 209347

URI: <http://hdl.handle.net/1813/137> Visits: 1408

AU: Danny, Catropa; Dines, Megan; Kimmel, Jeremy; Rubin, Juli; Nocerino, Christina TI: An Alternate Treatment for End Stage Coronary Artery Disease: Transmyocardial Laser Revascularization (TMR) KW: IssD: 2003-06-17 Pub: Publisher:

ABS: Coronary artery disease inv Collection: 2003 Student Papers

File: TLR.pdf Desc: Description: Size: 172094

URI: <http://hdl.handle.net/1813/128> Visits: 1769

AU: Fung, Gloria; Ho, Terence; Lee, Soyoon; Munaretto, Joseph; Tsai, Christine TI: Transdermal Scopolamine Drug Delivery Systems for Motion Sickness KW:

Transdermal Scopolamine Drug Delivery; motion sickness IssD: 2003-07-12 Pub: Publisher:

ABS: Transdermal drug delivery systems Collection: 2003 Student Papers

File: Transdermal.pdf Desc: Description: Size: 265346

URI: <http://hdl.handle.net/1813/141> Visits: 2047

AU: gillen, kelly; greenberg, jason; pevsner, sam; rounds, becky; schneller, quinn TI: Hearts Ablaze: Radio Frequency Ablation as Treatment for Cardiac Arrhythmia KW: IssD: 2003-06-17 Pub: Publisher:

ABS: This project analyzes several of Collection: 2003 Student Papers

File: heart.pdf Desc: Description: Size: 199127

URI: <http://hdl.handle.net/1813/124> Visits: 1765

AU: Holihan, Rich; Keeley, Dan; Lee, Daniel; Tu, Powen; Yang, Eric TI: How Warm is an Igloo? KW: IssD: 2003-06-17 Pub: Publisher:

ABS: Homeostasis maintai Collection: 2003 Student Papers

File: Igloo.pdf Desc: Description: Size: 759042

URI: <http://hdl.handle.net/1813/125> Visits: 1355

AU: Ku, Cora; Sakai, Yuichi; Wong, Amy; Yeung, Ophelia TI: Temperature Profile Of the Brain During Suspended Animation KW: brain IssD: 2003-07-12 Pub: Publisher:

ABS: In most cases of serious trunc Collection: 2003 Student Papers

File: Brain.pdf Desc: Description: Size: 633318

URI: <http://hdl.handle.net/1813/138> Visits: 1495

AU: Malvica, Erica; Salter, Ben; Verma, Kush; Watkins, Tara; Shauhgnesy, Michael TI: Cryopreservation of the Kidney: A Feasibility Study Based on Cooling Rates KW: cryopreservation; kidney IssD: 2003-07-12 Pub: Publisher:

ABS: This project models Collection: 2003 Student Papers

File: Kidney.pdf Desc: Description: Size: 492996

URI: <http://hdl.handle.net/1813/139> Visits: 1319

AU: Sharma, Manish; Lafrance, Tim; Ducharme, Richard; Taylor, Kristin; Wobbrock, Nicholas TI: Radiofrequency Ablation to kill Kidney Tumors KW: cancer IssD: 2003-07-12 Pub: Publisher:

ABS: Radiofrequency ablation i Collection: 2003 Student Papers

File: Radiofrequency.pdf Desc: Description: Size: 320904

URI: <http://hdl.handle.net/1813/136> Visits: 1566

AU: Burnett, Diana M. TI: Increasing Wine Quality with the Addition of Enological Tannins and Enzymes in Red Wine KW: Wine--Quality; Tannins; Wine--Red; Enzymes IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses how the quality of red wine can be increased with the addition of enological tannins and enzymes. Collection: 2003 WIW Proceedings

File: 05.Burnett.ppt Desc: Description: Size: 348160

URI: <http://hdl.handle.net/1813/445> Visits: 894

AU: Collins, Thomas TI: Tannins: Types and Amounts in Grapes and Wines KW: Wine and wine making; Tannins IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the types and amounts of tannins in grapes and wines. Collection: 2003 WIW Proceedings

File: 03.Collins.Tannins.doc Desc: Description: Size: 191488

URI: <http://hdl.handle.net/1813/443> Visits: 1008

AU: Conterno, Lorenza; Henick-Kling, Thomas TI: Result of Brett Survey in Finger Lakes Pinot Noir KW: Brettanomyces; Wine and wine making--New York (State) IssD: 2005-02-25 Pub: Publisher:

ABS: Brettanomyces bruxellensis has been associated with wines which exhibit off-flavors and odors described as "burnt plastic," "wet wool," "horse sweat," and "barn yard." The yeast can grow in wines at very low cell densities and can withstand the combined stresses of acetic acid, free SO₂, tartaric acid and ethanol. Brettanomyces bruxellensis tends to overproduce acetic acid and convert fruity phenolic compounds into undesirable aromas such as 4-ethylphenol and 4-ethylguaiacol which give wine burnt plastic, Bandaid (R), plastic, and barnyard aromas (Chat Collection: 2003 WIW Proceedings

File: 08.Conterno2.doc Desc: Description: Size: 157184

URI: <http://hdl.handle.net/1813/448> Visits: 773

AU: Curtis, Glenn TI: Filtration and Winery Size: Selecting an Appropriate Filtration System KW: Wine and wine making; Filters and filtration IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses how to select an appropriate filtration system based on the size of a winery. Collection: 2003 WIW Proceedings

File: 06.Curtis filtration.ppt Desc: Description: Size: 33792

URI: <http://hdl.handle.net/1813/446> Visits: 787

AU: Curtis, Glenn TI: Role of Enzymes in Wine Making, The: An Overview KW: Wine and wine making; Enzymes IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the role of enzymes in wine making. Collection: 2003 WIW Proceedings

File: 01.Curtis enzyme.ppt Desc: Description: Size: 93184

URI: <http://hdl.handle.net/1813/441> Visits: 974

AU: Gafner, Jurg TI: Biological Stability of Wine and Biogenic Amines KW: Wine and wine making; Amines IssD: 2005-02-25 Pub: Publisher:

ABS: Biogenic amines should not be present in wines and they are always an indication for the activity of undesired micro-organisms with a high amino decarboxylase activity as found in the lactic acid bacteria *Pediococcus damnosus*. By microscopic control during winemaking it is possible to detect the appearance of *Pediococcus damnosus* and to prevent their further growth. The addition of *Oenococcus oeni* bacteria starter cultures can prevent or delay the growth of *Pediococcus damnosus* and therefore the formation of biogenic amines. By use of bacteria starter cultures and/or the microscopic control during wine-making the wine-maker can prevent the formation of biogenic amines in a simple, inexpensive and successful fashion. Collection: 2003 WIW Proceedings

File: 10.Gafner.doc Desc: Description: Size: 82944

URI: <http://hdl.handle.net/1813/450> Visits: 1145

AU: Gerland, Christophe TI: Addition of Tannins Before, During or After Fermentation
KW: Wine and wine making; Tannins; Wine--Red; Wine--White; Wine--Rose IssD: 2005-02-25 Pub: Publisher:

ABS: The utilization of tannins has been increasing during the last 10 years in Europe, with several applications in white, ros? and red wines. This addition can be done at different stages of winemaking, depending on the effect desired, the type of wine and the type of tannins. This paper describes those applications, and some work to better anticipate the use of tannins, regarding the quality of the grapes. Collection: 2003 WIW Proceedings

File: 04.tannins THK 0303.doc Desc: Description: Size: 30208

URI: <http://hdl.handle.net/1813/444> Visits: 828

AU: Gerland, Christophe TI: Filtration Practice in France KW: Wine and wine making--France; Filters and filtration IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses the use of filtration systems in the cultivation of wine in France. Collection: 2003 WIW Proceedings

File: 07.Filt practice in France.doc Desc: Description: Size: 56320

URI: <http://hdl.handle.net/1813/447> Visits: 748

AU: Gerland, Christophe TI: Addition of Enzymes to White and Red Wines: Timing, Amounts and Effects on Color and Flavor Extraction KW: Wine and wine making; Enzymes; Wine--White; Wine--Red; Wine--Color; Wine--Aroma; Wine--Structure IssD: 2005-02-25 Pub: Publisher:

ABS: Enzymes have been used for many years in winemaking. This presentation shows some new applications and protocols used in Europe to enhance aromas, color and structure of wines. Collection: 2003 WIW Proceedings

File: 02.Addition of enzymes.doc Desc: Description: Size: 32768

URI: <http://hdl.handle.net/1813/442> Visits: 974

AU: Krieger, Sibylle; Arnink, Kathy TI: Malolactic Fermentation: A Review of Recent Research on Timing of Inoculation and Possible Yeast-Bacteria Combinations KW: Fermentation; Wine and wine making; Yeast; Bacteria IssD: 2005-02-25 Pub: Publisher:

ABS: Despite a considerable research effort, the malolactic fermentation (MLF) process remains to be an imperfectly controlled process and at times MLF can be difficult to get started. One possible explanation for this difficulty is that the wine may be lacking essential nutrient factors for the lactic acid bacteria. Another possible argument is that inhibitory substances are accumulated in wine. Sulfur dioxide and alcohol concentrations and pH have been included among the most significant parameter influencing the growth of malolactic bacteria in wine. King and Beelman suggested that the growth of *Oenococcus oeni* during alcoholic fermentation might be retarded by the production of toxic compounds by yeasts other than ethanol and sulfur dioxide. Moreover, the malolactic fermentability of wines produced from the same must differ according the yeast strain used in alcoholic fermentation. Previous studies have shown the inhibition of malolactic starter cultures by active growing yeasts due to the production of high levels of SO₂ during the early stage of alcoholic fermentation and the effect of acetic acid formed by *Kloeckera* yeasts and some lactobacilli on growth of *Saccharomyces*. The goal of our recent investigations is to better understand these interactions, to quantify the nutrient demand by yeast and the nutrient requirements of wine lactic acid bacteria, and to determine whether there are other synergistic

interactions between *S. cerevisiae* and *O. oeni* in wine. A better understanding of these aspects of wine microorganism physiology will allow us to better match combinations of yeast and bacteria starter cultures with grape varieties, and select the timing of yeast and bacteria inoculations. Collection: 2003 WIW Proceedings

File: 09.Krieger.doc Desc: Description: Size: 422400

URI: <http://hdl.handle.net/1813/449> Visits: 1102

AU: Martinson, Timothy; Cheng, Lailiang; Henick-Kling, Thomas; Lakso, Alan; Acree, Terry; Pool, Robert TI: Update on Atypical Aging Research KW: Wine and wine making; Wine--Flavor; Atypical aging defect; ATA defect IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses wines with the atypical aging (ATA) defect, which lose their varietal flavors very quickly. Collection: 2003 WIW Proceedings

File: 11.Martinson.doc Desc: Description: Size: 274432

URI: <http://hdl.handle.net/1813/451> Visits: 1023

AU: Ramroth, Perky TI: Alcohol and Tobacco Tax and Trade Bureau: U. S. Dept. of the Treasury KW: United States. Alcohol and Tobacco Tax and Trade Bureau.; United States. Bureau of Alcohol, Tobacco, and Firearms. IssD: 2005-02-25 Pub: Publisher:

ABS: Provides a general overview of the Alcohol and Tobacco Tax and Trade Bureau, formerly the Bureau of Alcohol, Tobacco, and Firearms. Collection: 2003 WIW Proceedings

File: 12.Ramroth1 .ppt Desc: Description: Size: 920576

URI: <http://hdl.handle.net/1813/452> Visits: 1139

AU: Roberts, John S. TI: Winery Design: Energy Requirements KW: Wine and wine growing; Winery design; Energy requirements IssD: 2005-02-25 Pub: Publisher:

ABS: Provides an overview of how to evaluate a winery's energy requirements, focusing on the heating and cooling operations of a winery and the different ways these operations are carried out. Collection: 2003 WIW Proceedings

File: 200417.doc Desc: Description: Size: 24064

URI: <http://hdl.handle.net/1813/453> Visits: 1059

AU: Buchlis, George; Koetje, Bethany; Kwon, Sang Yeon; Manos, Jamie; Rand, Gabriel TI: Protecting Orange Saplings from Irreparable Frost Damage KW: heat transfer, cooling, plants; IssD: 2004-07-13 Pub: Publisher:

ABS: Nocturnal frost and freeze damage can have a major impact on the survival and fruit production of young citrus trees. When temperatures fall below -4°C irreparable damage occurs. Because of this damage, many methods, including insulating sapling trunks and building soil banks have been used to help reduce the rate at which these trees lose heat in sub-zero conditions. This study focused on the effect a combined insulation-and-metal-stake method has on preventing frost and freeze damage of Washington Navel Orange saplings by looking at increase in trunk temperature using this system and comparing it to trunk temperatures in both an insulation only system and a bare tree system. It was found that the rod had little effect on trunk warmth but trunk insulation helped significantly ? the thicker and denser the insulation, the better. Collection: 2004 Student Papers

File: tree.pdf Desc: Description: Size: 369609

URI: <http://hdl.handle.net/1813/145> Visits: 1364

AU: Cabrera, Edgar Allen; Mullaney, Kerry; Ramirez, Marina TI: A Cryosurgical Approach to Lung Cancer KW: cryosurgery, lung, tumor; IssD: 2004-07-13 Pub: Publisher:

ABS: Lung cancer is the second leading cause of death in the United States, presenting the need for more refined treatment options than traditional invasive surgery and chemo- and radiation therapy. This study investigates the use of less-invasive cryosurgery to effectively freeze and kill a cancerous lung tumor, 3mm in diameter, while minimizing peripheral tissue damage. A single, liquid-nitrogen filled probe is inserted into a lung tumor and maintained at a constant temperature of -190°C . The freezing front is monitored to ensure cancerous cell death and prevent excessive damage to the surrounding healthy tissue. Based on data obtained by analyzing probe temperature, contact time and model sensitivity to variations in biomaterial properties, recommendations are made for surgical implementation: an initial contact time of 6 minutes followed by successively shorter application times. Additionally, further study designs are discussed to improve the quality of this treatment method and to ensure target outcomes with respect to tumor cell death and protection of healthy lung tissue.

Collection: 2004 Student Papers

File: lungtumor.pdf Desc: Description: Size: 660585

URI: <http://hdl.handle.net/1813/147> Visits: 1446

AU: Chen, Alan; Cheung, Edwin; Lee, Steven; Picuri, John; Shih, Tsung Li TI: Heat Transfer in Laser Tumor Excision KW: heat transfer, laser, tumor; IssD: 2004-07-13 Pub: Publisher:

ABS: Cancer is an ongoing disease that is present in a majority of the population. Laser surgery provides minimally invasive techniques to excise tumors in humans. This method allows quicker recoveries and fewer complications. This study analyzes the effectiveness of excision of tumor tissue using a CO₂ laser. By using computer aided design and finite element analysis, we model a cylindrical tumor tissue with 0.3cm in diameter and height. A flux of 282mmW from the laser and a convection coefficient of 26105 KmmW^{-1} were applied when designing this model. Our results produced temperature contour plots at several time intervals, all showing precise laser excision with minimal inadvertent tissue damage (less than 0.006 mm in depth after excising approximately 0.15 mm of tissue in depth). Sensitivity analysis indicate that changes in material properties such as conductivity, convection, specific heat, density, and laser power have minimal affects on the temperature profile. Collection: 2004 Student Papers

File: laser.pdf Desc: Description: Size: 1138439

URI: <http://hdl.handle.net/1813/144> Visits: 1520

AU: Chin, Jonathan; Pham, Hubert; Steck, Alaina; Serman, Sarah; Sun, Mindy TI: Assessing the Effects of Icing the Body for 20 Minutes KW: heat transfer, cooling; IssD: 2004-07-13 Pub: Publisher:

ABS: Icing is one of the most inexpensive and convenient treatments available to reduce inflammation in sore and injured muscles. A commonly purported icing regimen follows a "20 minutes on, 20 minutes off" cycle, so we investigated how much skeletal muscle cools during the 20-minute icing period. To model the temperature distribution, we used an axisymmetric geometry consisting of five layers: the ice, a plastic bag, skin, subcutaneous fat, and muscle. Our initial results showed cooling of the most superficial muscle tissue by approximately 15°C . We found that changes in properties such as

density, specific heat, and conductivity did not affect temperature contours at the 20-minute time point; however, heating via perfusion, which was initially neglected, had a substantial effect on the final results. When blood flow was introduced into the model, the temperature of superficial muscle decreased only 3.5°C. We thus conclude that although icing is an effective means of cooling superficial layers of muscle, it is not particularly efficacious at increasing depths. Collection: 2004 Student Papers

File: icing%20.pdf Desc: Description: Size: 404369

URI: <http://hdl.handle.net/1813/143> Visits: 1308

AU: Ferullo, Julia; Ruggles, Kelly; Lokchander, Bina; Siryk, Christina; Panda, Puneet TI: The Risks of LASIK Corrective Eye Surgery: A Mass Transfer Approach to a Universal Concern KW: laser, eye, drying IssD: 2004-06-17 Pub: Publisher:

ABS: The laser vision correction procedure, LA Collection: 2004 Student Papers

File: LASIK REPORT.pdf Desc: Description: Size: 700174

URI: <http://hdl.handle.net/1813/131> Visits: 1908

AU: Fung, Evonne Yuewai; Lee, Jennifer; Tong, Anita; Tran, Baotram; Yau, Yuk Yee (Amy) TI: A Study of the Role of Therapeutic Contact Lenses in Drug Delivery KW: contact lens, eye, drug delivery IssD: 2004-07-12 Pub: Publisher:

ABS: Glaucoma is an optical condition caused by pressure build up in the eye and is the leading cause of blindness. Current methods to treat glaucoma include medicated eye drops and oral medication, which are both inefficient methods of administration. Most of the medication in eye drops does not reach the target tissue. In addition, when taken orally, much of the drug circulates in the bloodstream instead of reaching the eye. This is a potential problem since drugs used to treat glaucoma, such as timolol maleate, are also prescribed to elevate hypertension. To avoid possible side effects, researchers have developed a novel method of drug delivery that involves enclosing the drug in the contact lens to be worn directly over the eye. The drug-encapsulated contact lens can deliver the drug to the target tissue more effectively. This paper focuses on the drug delivery of the therapeutic contact lens in the treatment of glaucoma using a computer-simulated model created by FIDAP, a computational fluid dynamic software. The problem is modeled as mass transfer of timolol maleate over four layers (lens, tear, cornea, and aqueous humor) of an axis-symmetric cylindrical slab. Results show that with an initial concentration of 7 mg/g contact lens in the contact lens, the minimum effective concentration of 1.8 µg/mL is achieved in the aqueous humor layer after 45 minutes. The contact lens continues to deliver the drug into the eye at above this concentration for another 75 minutes before dropping below the minimum effective concentration at 1.5 hours. Sensitivity analysis shows that cornea diffusivity is the most important parameter in the solution. Collection: 2004 Student Papers

File: contactlens.pdf Desc: Description: Size: 260900

URI: <http://hdl.handle.net/1813/142> Visits: 1302

AU: Kwiatkowski, Peter; Auerbach, Jon; Clouser, Brian; Di Iorio, Daniela; Minchoff, CJ TI: Ortho Evra: How Effective is the Patch in Women of Varying Weight KW: patch, drug delivery; IssD: 2004-07-13 Pub: Publisher:

ABS: This study researched the birth control patch, Ortho Evra and the diffusivity of the hormones, ethinyl estradiol and norelgestromin, into the body through the epidermis. We modeled that all of the species that diffused through the epidermis was completely absorbed into the body. We found that our model validated the amounts given by

Ortho Evra for drug release. However, many of the constraints and boundary conditions were taken from the Ortho Evra research information. Our study also analyzed the effectiveness of the hormone in women of varying weight, from 120 pounds to 198 pounds. Results indicated that the patch becomes less and less effective with increasing adipose tissue. This increase in adipose tissue results in a decreasing diffusivity value for the epidermis. Our study also researched the effects of incorrect usage of the Ortho Evra patch. We modeled the scenario of the patch falling off after a given time and the continued effectiveness of the drug. Our values imply that if the patch falls off the woman is not protected. The woman must restart the cycle in-order to reach steady state, which provides the needed amount of drug to be effective. Collection: 2004 Student Papers

File: ortho_evra.pdf Desc: Description: Size: 378273

URI: <http://hdl.handle.net/1813/146> Visits: 2008

AU: Schweitzer, Andrew; Su, Wan-Lin; Benlifer, Adam; Mathrani, Vikram; Aarismaa, Linda TI: Diffusion and Binding of Radio-Labeled Antibodies in a Tumor KW: drug delivery, tumor; IssD: 2004-07-13 Pub: Publisher:

ABS: With the decreasing cost of monoclonal antibody production, radioimmunotherapy (RIT) has rapidly emerged as one of the more promising methods of treating cancer cells. RIT makes use of radio-labeled monoclonal antibodies to detect and deliver controlled doses of radiation to malignant cells. The primary advantage of this method is that damage to normal, healthy tissue is minimized. We investigated the use of radio-labeled antibodies as a method of tumor destruction. Our primary interests were the rate of antibody diffusion into the tumor, the antibody binding kinetics, and the overall effectiveness of radioimmunotherapy given the rate of radioactive decay. By modeling the concentration of bound antibody with respect to time, we were able to optimize tumor destruction while minimizing the damage to the surrounding tissue. Our results show that a computer simulation using FIDAP is a time-saving, cost-effective method of obtaining quantitative results about the binding kinetics of antibody to tumor. In addition, we determined that while the binding specificity plays an important role in ensuring proper binding to the tumor, the rate of antibody to antigen complex formation does not affect the treatment and that this process is limited by diffusion. Given this fact, we recommend that low molecular weight antibodies be used because they will typically have higher diffusivities. In an example case of metastatic melanoma, we found that 4.33 mg of 188Re-6D2 complex would destroy the tumor in our model. Collection: 2004 Student Papers

File: antibodies.pdf Desc: Description: Size: 1755251

URI: <http://hdl.handle.net/1813/148> Visits: 1474

AU: vinegar, abby; gaborski, pam; Bermudez, Claudia; Davis, Patty TI: Put Your Best Teeth Forward: A Mass Transfer Study of Crest Whitestrips KW: tooth, drug delivery IssD: 2004-06-17 Pub: Publisher:

ABS: Crest Whitestrips are thin, liquid films adhered to a plastic exterior that can be applied directly to the tooth, enabling mass transfer of its active ingredient, hydrogen peroxide, to penetrate the tooth outer layer. The tooth outer layer consists of enamel and dentin. The goal of this study was to model the concentration of hydrogen peroxide as it moves through the gel tooth outer layer for a period of 30 minutes. GAMBIT was used to create a two-dimensional mesh modeling the three layers through which the hydrogen peroxide diffuses through: the gel, enamel and dentin. FIDAP was then used

to model the process in which hydrogen peroxide moved through these three layers. A sensitivity analysis was performed varying the diffusion coefficients and reaction rate of hydrogen peroxide being used up. It was found that accurate values for all of these properties must be obtained in order to determine an accurate solution. Collection: 2004 Student Papers

File: teethwhitening.pdf Desc: Description: Size: 588654

URI: <http://hdl.handle.net/1813/129> Visits: 1270

AU: Webster, Brad; Jong Kim, Tak; Chow, Sharon; Wang, Jeff; Tsai, Chrissy TI: In Vitro Scaffold Construction for a Bio-artificial Liver KW: liver, oxygen transport IssD: 2004-06-17 Pub: Publisher:

ABS: The main focus of this investigation is to design a scaffold that will accommodate a growing Bio-Artificial Liver (BAL) with oxygen. The two design objectives are to find the maximum length and the distance between the artificial capillaries of the scaffold to provide adequate oxygen supply above 1.98×10^{-19} g/ μm^3 to prevent hypoxia to the growing liver tissues. By utilizing industrial modeling software, FIDAP and GAMBIT, a model of a single capillary with liver tissue attached directly was constructed to simulate the oxygen delivery by means of diffusion and convection from the capillary wall to the tissue and the uptake by metabolism. From the results obtained, it was concluded that diffusion, not convection of the oxygen flow within the capillary was the dominant process of oxygen transport throughout the tissue. The maximum distance traveled into the tissue with capillary length of 60 μm was 147 μm from the capillary at the inlet side of the tissue while diffusion at the outlet tissue was at a modest 108 μm . These values are unacceptable for the feasible construction of oxygen transport system solely based on diffusion. Thus, this investigation concludes that novel methods of greater complexity are needed to construct a more efficient and economically applicable oxygen delivery system for the mass production of bio-organs. Collection: 2004 Student Papers

File: balfinal .pdf Desc: Description: Size: 218273

URI: <http://hdl.handle.net/1813/130> Visits: 1296

AU: Beckley, Jacqueline H. TI: Why Marketing Counts KW: Wine and wine making; Marketing IssD: 2005-02-25 Pub: Publisher:

ABS: Collection: 2004 WIW Proceedings

File: 200401.ppt Desc: Description: Size: 843264

URI: <http://hdl.handle.net/1813/454> Visits: 928

AU: Beckley, Jacqueline H.; Weybright, Robert TI: Making Your Product Real KW: Wine and wine making; Marketing IssD: 2005-02-25 Pub: Publisher:

ABS: Provides information about positioning a grower's wine product in the marketplace. Encourages them to fully understand both their product and their competitors' products; to understand what customers want from a product like theirs; how to implement what customers want; and how to maintain these ideas during the continuous refinement of a product. Collection: 2004 WIW Proceedings

File: 200402.ppt Desc: Description: Size: 1622528

URI: <http://hdl.handle.net/1813/455> Visits: 921

AU: Cheng, Lailiang; Lakso, Alan; Henick-Kling, Thomas; Martinson, Tim; Acree, Terry TI: Conclusions for 3 Years of Study on the Effect of Drought Stress and Available

Nitrogen on Formation of Atypical Aging Flavor Defect in Wine KW: Wine and wine making; Drought; Flavor; Irrigation; Nitrogen IssD: 2005-02-25 Pub: Publisher:
ABS: Describes a three year vineyard study that used irrigation and supplemental nitrogen to reduce or delay appearance of Atypical Aging (ATA) wine flavor defect. Collection: 2004 WIW Proceedings
File: 200406.doc Desc: Description: Size: 56832
URI: <http://hdl.handle.net/1813/459> Visits: 830

AU: Cheng, Lailiang; Lakso, Alan; Martinson, Tim; Henick-Kling, Thomas; Acree, Terry
TI: Final Report to the Viticulture Consortium-Eastern Grants Program January 2004: Water and Nitrogen Management to Reduce Atypical Aging of Wine KW: Wine and wine making; Drought; Flavor; Irrigation; Nitrogen IssD: 2005-02-25 Pub: Publisher:
ABS: A report on the use of water and nitrogen management to reduce atypical aging of wine. Collection: 2004 WIW Proceedings
File: 200407.doc Desc: Description: Size: 846848
URI: <http://hdl.handle.net/1813/461> Visits: 958

AU: Henick-Kling, Thomas TI: Proceedings of the 33rd Annual New York Wine Industry Workshop 2004 KW: Wine and wine making; Conferences; TOC IssD: 2005-02-25 Pub: Publisher:
ABS: Table of Contents Collection: 2004 WIW Proceedings
File: 2004ToC.doc Desc: Description: Size: 24576
URI: <http://hdl.handle.net/1813/458> Visits: 863

AU: Henick-Kling, Thomas; Preston-Wilsey, Luann; Gerling, Christopher TI: Working with Uneven Ripeness and Under-Ripe Grapes KW: Wine and wine making; Ripeness IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses how to evaluate a grape crop to determine whether or not it is ripening at the expected pace or not. Collection: 2004 WIW Proceedings
File: 200412.doc Desc: Description: Size: 67584
URI: <http://hdl.handle.net/1813/466> Visits: 1033

AU: Keller, Markus TI: Grape Ripening and Determination of Grape Maturity KW: Wine and wine making; Grapes; Ripeness; Maturity IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses how to determine when grapes are ripe or mature. Collection: 2004 WIW Proceedings
File: 200413.doc Desc: Description: Size: 45056
URI: <http://hdl.handle.net/1813/467> Visits: 956

AU: Keller, Markus TI: Irrigation Strategies for White and Red Grapes KW: Wine and wine making; Irrigation; White grapes; Red grapes IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses irrigation methods for red and white grapes. Collection: 2004 WIW Proceedings
File: 200410.doc Desc: Description: Size: 41472
URI: <http://hdl.handle.net/1813/464> Visits: 1000

AU: Kong, Soon TI: OSHA: Friend or Foe? KW: Wine and wine making; OSHA; Occupational Safety and Health Administration IssD: 2005-02-25 Pub: Publisher:

ABS: Discusses OSHA's (Occupational Safety and Health Administration) relationship with grape growing and wine producing businesses. Collection: 2004 WIW Proceedings
File: 200415.ppt Desc: Description: Size: 185856
URI: <http://hdl.handle.net/1813/469> Visits: 934

AU: Kong, Soon; Casler, Michael TI: How to Work with OSHA: Free On-site Safety and Health Services KW: Wine and wine making; OSHA; Occupational Safety and Health Administration IssD: 2005-02-25 Pub: Publisher:
ABS: Provides information for grape growers and wine producers on working with the Occupational Safety and Health Administration. Collection: 2004 WIW Proceedings
File: 200416.doc Desc: Description: Size: 39936
URI: <http://hdl.handle.net/1813/470> Visits: 1113

AU: Martinson, Tim TI: Asian Lady Beetle Control Update KW: Wine and wine making; Insects; Asian Multicolored Lady Beetles IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses developments in tactics to control for Asian Multicolored Lady Beetles and their effect on grapes and wine growing. Collection: 2004 WIW Proceedings
File: 200409.doc Desc: Description: Size: 52224
URI: <http://hdl.handle.net/1813/463> Visits: 740

AU: Pickering, G. J.; Lin, J. Y.; Riesen, R.; Reynolds, A.; Soleas, G.; Ker, K.; Brindle, I TI: Harmonia Axyridis and Wine Quality KW: Wine and wine making; Quality; Harmonia axyridis IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses whether or not Harmonia axyridis, a beetle introduced into the US to control for aphids and other pests, is affecting the aroma and flavor of some wines. Collection: 2004 WIW Proceedings
File: 200408.pdf Desc: Description: Size: 312756
URI: <http://hdl.handle.net/1813/462> Visits: 991

AU: Pool, Robert; Lerch, Steve TI: Living with Winter Injury: How Did We Do in 2003? KW: Winter cold injury; Wine and wine making IssD: 2005-02-25 Pub: Publisher:
ABS: Report on a new approach for dealing with winter cold injury in wines. Collection: 2004 WIW Proceedings
File: 200404.doc Desc: Description: Size: 497152
URI: <http://hdl.handle.net/1813/457> Visits: 739

AU: Reinhardt, Johannes TI: Stress in Vine and Wine KW: Wine and wine making; Drought IssD: 2005-02-25 Pub: Publisher:
ABS: Describes how to best deal with the effects of drought on wine and wine making. Collection: 2004 WIW Proceedings
File: 200405.ppt Desc: Description: Size: 194560
URI: <http://hdl.handle.net/1813/460> Visits: 688

AU: Reynolds, Andrew G.; de Savigny, Christiane TI: Experiences with Spatial Variation of Yield and Fruit Composition in Premium Vinifera Vineyards in Niagara KW: Wine and wine making; Yield; Fruit composition; Vinifera vineyards; Niagara IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses experiences with spatial variation of yield and fruit composition in premium vinifera vineyards in Niagara. Collection: 2004 WIW Proceedings

File: 200414.doc Desc: Description: Size: 7635968
URI: <http://hdl.handle.net/1813/468> Visits: 878

AU: Roberts, John S. TI: Winery Design: Energy Requirements KW: Wine and wine making; Winery design; Energy requirements IssD: 2005-02-25 Pub: Publisher:
ABS: Provides an overview of how to evaluate a winery's energy requirements, focusing on heating and cooling operations and the different ways these operations are carried out. Collection: 2004 WIW Proceedings
File: 200417.doc Desc: Description: Size: 24064
URI: <http://hdl.handle.net/1813/471> Visits: 1348

AU: Wample, Robert L. TI: Grapevine Irrigation Management KW: Wine and wine making; Irrigation IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses the management of the irrigation of grapevines. Collection: 2004 WIW Proceedings
File: 200411.ppt Desc: Description: Size: 5723136
URI: <http://hdl.handle.net/1813/465> Visits: 1007

AU: Worobo, Randy W. TI: Non-chlorine Sanitizer Options for the Wineries KW: Wine and wine making; Sanitizers; Wineries IssD: 2005-02-25 Pub: Publisher:
ABS: Discusses non-chlorine sanitizer options for wineries. Collection: 2004 WIW Proceedings
File: 200418.doc Desc: Description: Size: 27136
URI: <http://hdl.handle.net/1813/472> Visits: 1259

AU: Testa, Carlo TI: Italian political cinema: Surveying a once glorious genre in times of anguish KW: Italy; Political Cinema; Pasolini; 1970s IssD: 2006-02-28 Pub: Publisher:
ABS: Because in the Entralagos context I will dwell in some detail on the theoretical issues underpinning my interest in literature and culture, in the present pages I shall focus instead on some specific historical aspects of the dialectics between Italian society and Italian cinema. In particular, I shall concentrate on what it has become customary to describe by the term "political cinema," as well as some of its reverberations in a genre not normally associated with it: the "comedy Italian style." The two sections on cinema politico and commedia all'italiana will thus constitute the two main articulations of my argument. However, since I cannot assume a specific familiarity with post-WWII Italy among the interdisciplinary community of my readers, I shall introduce those two mini-chapters by a prologue presenting, in broad strokes, the relevant socio-historical context of the peninsula. At the end, I shall return to considerations of a more general cultural import about the challenges of the times in which we live. Collection: 2005 Colloquia
File: CTesta-ItalianPolitCin(Cornell).doc Desc: Description: Size: 78336
URI: <http://hdl.handle.net/1813/2654> Visits: 377

AU: Arenz, Jacqueline; Reid, Sheneé; Sailor, Jessica; Serna, Carol; Woods, Virginia TI: The Dermal Diffusion of Methyl Salicylate in Over-the-Counter Pain Relief Cream KW: IssD: 2006-01-16 Pub: Publisher:
ABS: Collection: 2005 Student Papers
File: grp7.doc Desc: Description: Size: 264704
URI: <http://hdl.handle.net/1813/2617> Visits: 597

AU: Green, Angela; Chang, Cindy; Haery, Leila; Ortiz, Michael; Gillen, Elizabeth TI: Effects of Moisture Content on Oxygen Diffusion through a Contact Lens KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers

File: grp6.doc Desc: Description: Size: 1907200

URI: <http://hdl.handle.net/1813/2616> Visits: 578

AU: Hung, Robert; Tandon, Meera Lita; Sheido Yodit TI: When Motion Sickness Can't Wait KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers

File: grp3.doc Desc: Description: Size: 728576

URI: <http://hdl.handle.net/1813/2613> Visits: 505

AU: Lee, Katherine; Kim, John; Chi, Ashley; Wang, Katie; Lambert, William TI: Effect of Drug-eluting Stents in Coronary Arteries KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers

File: grp10.doc Desc: Description: Size: 928768

URI: <http://hdl.handle.net/1813/2619> Visits: 619

AU: Lee, Nancy; Day, David; Choi, Semyung; Lim, Nansae; Kuo, Johnathan TI: Modeling Oxygen Flow through Continuous Wear Contact Lens-Cornea System with Increasing Protein Layer Build-up KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers

File: grp4.doc Desc: Description: Size: 1080320

URI: <http://hdl.handle.net/1813/2614> Visits: 463

AU: Magnano, Christopher; Carnrite, Erica; Deitemeyer, Patrick; Wang, Jigye; Zheng, Howie TI: Stunt Safety: Modeling and Effectiveness Assessment of Flame Retardant Materials on Human Skin KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers

File: grp11.doc Desc: Description: Size: 3218944

URI: <http://hdl.handle.net/1813/2620> Visits: 547

AU: Ouyang, Hui; Lu, Franklin; Kou, Peng Meng; Ou, Jing Rui; Mak, Angela TI: Drug Delivery Mechanism and Efficiency of Liposomes into Skin KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers

File: grp2.doc Desc: Description: Size: 436224

URI: <http://hdl.handle.net/1813/2612> Visits: 439

AU: Saifi, Comron; Fallick, Jesse; Chen, William; Hsu, Jennifer; Perlmutter, Jason TI: Chemotherapy: Drug Diffusion through Solid Tumor KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers

File: grp5.doc Desc: Description: Size: 885760

URI: <http://hdl.handle.net/1813/2615> Visits: 581

AU: Tomlinson, Joy; Moore, Francis; Khan, Saif; Keegan, Joshua; Jawahar, Rachel TI: Nitrogen Elimination in the Alveoli KW: IssD: 2006-01-16 Pub: Publisher:

ABS: Collection: 2005 Student Papers
File: grp9.doc Desc: Description: Size: 215040
URI: <http://hdl.handle.net/1813/2618> Visits: 561

AU: Wheeler, Shannon; Russell, Robert; Leibowitz, Bronna; Price, Corrinne; Cutilla, Monica TI: Development of a Drug Delivery System with a Constant Rate of Release
KW: IssD: 2006-01-16 Pub: Publisher:
ABS: Collection: 2005 Student Papers
File: grp1.doc Desc: Description: Size: 1034752
URI: <http://hdl.handle.net/1813/2611> Visits: 408

AU: Wheeler, Shannon; Russell, Robert; Leibowitz, Bronna; Price, Corrinne; Cutillo, Monica TI: Development of a Drug Delivery System with a Constant Rate of Release
KW: Diffusivity; Naproxen Sodium; Pill geometry; FIDAP; Constant release rate IssD: 2005-11-07 Pub: Publisher:
ABS: You do not have to search long to find someone who is taking orally administered medication on a daily basis. Pharmaceuticals such as antibiotics and pain relievers help us live healthier lives; however the administration of these drugs is more involved than simply the swallowing of a pill. Maintaining a constant level of drug in the body is an important requirement for a variety of medications. The more constant the rate of drug release from a pill, the more effective the drug will be. Our model will compare different crater geometries to demonstrate the effect of crater shape on the release rate of a drug under human body conditions. Our objective is to achieve a constant rate of drug release from a pill. Analysis will demonstrate and allow us to conclude that a hemispherical crater geometry is best to accomplish this objective. We were able to achieve a fairly constant rate of release after approximately 17 minutes and this situation would be beneficial for many pharmaceuticals compared to other, less constant drug delivery systems. Collection: 2005 Student Papers
File: grp1.doc Desc: Description: Size: 1034752
URI: <http://hdl.handle.net/1813/2464> Visits: 536

AU: Henick-Kling, Thomas TI: Introduction to the 34th Annual New York Wine Industry Workshop 2005 KW: Wine IssD: 2005-04-20 Pub: Publisher:
ABS: Introduction to the Wine Industry Workshop 2005, held in Geneva, New York
Collection: 2005 WIW Proceedings
File: 01.Introduction WIW05.doc Desc: Description: Size: 24064
URI: <http://hdl.handle.net/1813/940> Visits: 1096

AU: Wess, Ranier TI: Austria as a vine growing country in general KW: Wine and wine making--Austria; Vines IssD: 2005-04-20 Pub: Publisher:
ABS: Describes the vine growing environment in Austria. Collection: 2005 WIW Proceedings
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/941> Visits: 990

AU: Righi, Andrea TI: Teorie dell'avanguardia tra materialismo e idealismo KW: Avant-Garde; Italian Thought IssD: 2006-02-16 Pub: Publisher:
ABS: Collection: 2006 Colloquia
File: andrea_righi.pdf Desc: Description: Size: 199519

URI: <http://hdl.handle.net/1813/2644> Visits: 365

AU: Tonozzi, Daniel TI: Laura Goes Burlesque: The Petrarchan Parodies of Francesco Berni KW: Petrarch; Berni IssD: 2006-04-11 Pub: Publisher:

ABS: Collection: 2006 Colloquia

File: TonozziItalianStudies.doc Desc: Description: Size: 91136

URI: <http://hdl.handle.net/1813/2806> Visits: 264

AU: Ahyow, Patrick; Lee, Brian; Wong, Kevin TI: Laser Interstitial Thermo-Therapy in Hepatic Tissue KW: ThermoTherapy; Laser IssD: 2006-05-24 Pub: Publisher:

ABS: Laser Interstitial ThermoTherapy (LITT) is a well establish surgical method used in the treatment of tumors. This study analyzes the extent of tissue damage when using LITT in a liver. GAMBIT and FIDAP was used to model a spherical tumor with a diameter of 4cm in a 12cm spherical liver. The mesh that was used contained 14326 nodes which were shown to converge using our mesh convergence analysis. From our sensitivity analysis, the optimal time the laser would be on was determined to be 40 seconds, because this was the time where most of the cancerous tissue was destroyed while keeping healthy tissue damage at a minimum. The optimal laser power was determined to be 30W, which provided the correct amount of heating needed to induce necrosis in the most of the tumor, and maintain a safe temperature below 40oC for healthy liver tissue. However, there a small amount of healthy liver was destroyed, but this could not be avoided due to the cylindrical geometry of the laser applicator. In our sensitivity analysis, we determined that varying the thermal conductivity caused very little change in the average tumor temperature. This indicates that thermal conductivity parameter is relatively insensitive to changes and using our values for thermal conductivity would accurately model the process. Collection: 2006 Student Papers

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/3051> Visits: 105

AU: Allen, Lisa; Chen, Brenda; Pokwal, Sonam; Graunke, Steve TI: The Advantage of Under Armour for Winter Sports Performance KW: Under Armour; Winter sports IssD: 2006-05-24 Pub: Publisher:

ABS: Under Armour produces apparel designed for winter sports athletes. This apparel aims to keep athletes comfortable by retaining body heat and removing moisture due to perspiration. Special wicking properties are claimed to enable the material to remove moisture quickly and provide insulation. This study will propose a mechanism by which the Under Armour clothing material achieves these effects. We will model moisture transfer and heat transfer through the cloth, considering skin surface temperature and moisture content as measures of comfort. Additionally, we will compare the effects of Under Armour to cotton clothing which has different material properties, considering diffusivity, conductivity, partition coefficient, and porosity. The goal of this study is to use our proposed model to show the advantages of Under Armour for winter sports performance. Collection: 2006 Student Papers

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/3053> Visits: 128

AU: Antisell, Joanna; Poon, Tiffany; Borey, Adam; Briddell, Jenna; Palesch, Seth TI: Hormone Delivery System: The Contraceptive Ring KW: Contraceptive Ring; Hormone Delivery System IssD: 2006-05-24 Pub: Publisher:

ABS: Many women use contraceptive methods that involve the hormones estrogen and progestin, which prevent the ovaries from developing and releasing mature eggs. This, therefore, prevents conception. Currently there are two well established types of birth control on the market. These possibilities are the pill form where the user ingests a large dose once a day for 21 days or the birth control patch is placed on the skin every week for three weeks out of the month. Women can also receive hormone shots or implants that last for four months. However, these methods only allow a menstrual cycle every four months, so they are difficult to compare to the other methods. All of these other methods can cause side effects such as headaches, blood clots, nausea, and breakthrough bleeding. However, there is a new form of birth control that comes in a flexible thin ring that is inserted into the vagina below the cervix. This ring is designed to release a continuous low dose of hormone that is absorbed by the vagina and distributed into the blood stream. The ring actually releases two derivatives of estrogen and progestin known as etonogestrel and ethinyl estradiol (Organon USA Inc. 2005). See Figure 1 for the chemical structures of both of these compounds. Because the ring is only changed once a month, it ceases the fluctuation of hormone levels that is normal in the other birth control methods. Collection: 2006 Student Papers

File: group10.pdf Desc: Description: Size: 625669

URI: <http://hdl.handle.net/1813/3060> Visits: 111

AU: Arquiza, Apollo; Holt, Brendan; Lai, Kay; Mak, Hester; Mendelson, Avital TI: Heating of Nanoshells by Near-infrared Radiation: A Rapid and Minimally-invasive method for destroying tumors KW: Nanoshells; Tumors IssD: 2006-05-24 Pub: Publisher:

ABS: The purpose of this project is to model a novel and promising cancer treatment that involves the destruction of tumor cells by the direct injection of biocompatible nanoparticles (gold-silicon nanoshells) and their subsequent heating with near-infrared radiation. The use of near infra-red radiation gives this procedure an advantage over other thermal ablation treatments for cancer since light at this range (700-900 nm) is not significantly absorbed by chromophores in human tissue and can therefore penetrate more deeply (Hirsch et al., 2003). The method is also quick and minimally invasive. Using the simulation software FIDAP, we analyzed the diffusion of the nanoshells into a spherical tumor after being injected into its center. The change in temperature of the tumor due to the exposure of the nanoshells to near-infrared light was also studied. We found out that when 50 microliters of nanoshell solution (concentration of 1.5×10^{10} nanoshells/ml) is introduced to a 1-cm diameter tumor, it takes 29 hours for the nanoshells to fill up the tumor. At this point, exposure of the tumor with a laser (800 nm, power = 5.6 W/m^2) for 10 min raised the temperature of the entire tumor to at least 45°C , effectively destroying it. Further analysis on the effect of nanoshell distribution on the temperatures obtained showed that it has negligible effect. All distributions tested (0%, 25%, 50%, 75% and 100%) resulted in the entire tumor being heated above 45°C . The laser can therefore be immediately applied to the tumor right after injection. Nanoshell concentration vs. time and temperature vs. time profiles for the tumor for various treatment conditions were also obtained. The results of the mathematical modeling will help further studies of this treatment. Although the method still needs to be refined, it should provide an effective new treatment for the destruction of breast carcinomas and other localized tumors. Collection: 2006 Student Papers

File: group12.pdf Desc: Description: Size: 369925

URI: <http://hdl.handle.net/1813/3062> Visits: 122

AU: Attygalle, Suneth; Girnary, Hussein; Jeffrey, Natalie; Lee, Sean; Torre, Rosa TI: Heat Loss in the Carotid Artery During Selective Brain Cooling in Humans KW: Carotid Artery; Brain Cooling IssD: 2006-05-24 Pub: Publisher:

ABS: Heat flow in the neck was simulated in FLUENT to study countercurrent effects of cooling blood in the carotid artery during selective brain cooling. The simulation was performed in order to verify Zhu's theory (used as a basis for our methodology) and to determine the contribution of countercurrent exchange by comparing results to a heat flow model without exchange. The surface temperature of the neck and flow rates within the vessels were varied to determine the specific effects of countercurrent exchange. With ambient skin temperature (25°C) and normal blood flow rate (120 ml/min); our model demonstrates that the average temperature of the arterial blood reaching the brain drops by 1.18°C while traveling through the neck. The effect of the countercurrent exchange alone contributes 0.88°C to this temperature decay. Placing an ice pack on the neck surface can further decrease the arterial blood temperature by as much as 1.0°C. This indicates that placing an ice pack on the neck does aid in selective brain cooling and that countercurrent exchange has a significant impact in cooling as well. The overall temperature drop of blood between the inlet to the carotid artery and the outlet was found to decrease with increasing blood flow rates and surface temperatures, verifying the trends modeled in Zhu's analysis. Zhu's theoretical study, however showed a temperature drop of 0.35°C at a blood flow rate of 240 ml/min with vein inlet blood temperature at 29°C and neck temperature at 19°C whereas ours showed a temperature drop above 0.85°C. Sensitivity analysis was performed to test the stability of our solution and to discover factors that might affect arterial outlet temperature. The factors that had the most influence on penetration depth were the specific heat of the blood and varying the thermal conductivity of the tissue. This project could be expanded upon by considering more variations in geometry, such as center-to-center spacing, vessel eccentricity and modeling multiple vessels. This would allow for a better model of the true behavior of heat flow in the neck. Collection: 2006 Student Papers

File: group7.pdf Desc: Description: Size: 507621

URI: <http://hdl.handle.net/1813/3057> Visits: 150

AU: Billington, Alicia; Deyle, Alex; Ippolito, Andrea; Kim, Jennifer; Weaver, Matt; Weitsman, Andrew TI: AutoSyringe Injection: Mass transfer driven by plunger to force medication through a needle KW: AutoSyringe; Injection IssD: 2006-05-24 Pub: Publisher:

ABS: The AutoSyringe is an automatic device that allows patients with limited dexterity to administer medication to themselves as painlessly as possible. The device allows patients to inject themselves subcutaneously, where the needle goes into the fat layer between the outer skin and the muscle. In this study, given a constant pressure applied at the plunger, the flow of medication through the barrel and needle of a syringe was modeled in terms of velocity and pressure. Furthermore, through this model it was found that the flow rate at the tip of the needle decreases with increased viscosity of the medication. It was also determined that the flow rate increases with increased applied pressure at the plunger. These analyses were performed using the software package FIDAP, PreSTO, with imported geometry from GAMBIT. Collection: 2006 Student Papers

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/3049> Visits: 109

AU: Bridgen, Devin; Hagens, John; Brink, Rob; Gregg, Peter; Aridgides, Dan; Faghri, Ali
TI: Ex Vivo Maintenance of Heart Viability: Comparison of Two Methods KW: Heart
Transplant IssD: 2006-05-24 Pub: Publisher:

ABS: Currently established methods of tissue preservation for heart transplantation involve placing the harvested donor heart in a cold, nutrient-rich cardioplegic solution. Clinically, methods like these have only been shown to preserve heart tissue for a matter of hours. A new solution for tissue preservation developed by Transmedics Inc involves placing the heart in a chamber that mimics the physiological conditions of the human chest cavity. This solution maintains the heart in a beating state and pumps blood and nutrients through the myocardial circulation. This preservation technique has been clinically shown to improve the length of time that a heart can be preserved ex-vivo and when properly implemented, could

Collection: 2006 Student Papers

File: group6.pdf Desc: Description: Size: 370239

URI: <http://hdl.handle.net/1813/3054> Visits: 103

AU: Chen, Bonnie; Clark, Nisse; Melhem, Molly; Owens, Gwen TI: Drug-Eluting Stents:
Design for Prevention of Angioplastic Restenosis KW: Angioplastic; Restenosis IssD:
2006-05-24 Pub: Publisher:

ABS: Balloon angioplasty and coronary stent deployment are powerful techniques in the treatment of individuals with advanced coronary artery disease. Recent advancements have led to the development of drug-eluting stents designed to release a drug polymer that inhibits restenosis, a bodily defense mechanism characterized by tissue ingrowth and reblockage of the artery. The stent is coated with an anti-cancer or immunosuppressive drug that diffuses through the surrounding tissues over a critical period of time. In this study, diffusion of the drug Rapamycin was modeled using computer-aided design software. Analysis was performed in order to determine the concentration profile of the drug at various time intervals. The stent geometry was reduced to six concentric rings of 1.5 mm width spaced 1.5 mm apart, resulting in a total stent length of 16.5 mm. Diffusion was modeled from only one of these rings and conclusions were drawn considering the global diffusion from multiple rings of this type. A graded mesh was generated in GAMBIT, and simulations were executed in FIDAP to assess the drug concentration as a function of several input parameters. It was concluded that the drug reaches 48 $\mu\text{g}/\text{m}^3$, within a defined therapeutic concentration range of 40-60 $\mu\text{g}/\text{m}^3$, after about nine months at a penetration depth of 0.015 mm. This indicates that after nine months the first tissue layer surrounding the coronary lumen, also known as the intima, is saturated with drug at concentrations necessary for the prevention of restenosis. Sensitivity analysis was performed to test the stability of our solution and to assess factors which may affect the diffusion process. It was found that the concentration of Rapamycin was most sensitive to a change in diffusivity of Rapamycin in the intimal tissue layer, whereas the drug concentration was less sensitive to changes in the stent diffusivity and variance in initial concentration of drug immobilized in the stent. Collection: 2006 Student Papers

File: group2.pdf Desc: Description: Size: 13802691

URI: <http://hdl.handle.net/1813/3050> Visits: 98

AU: Chen, Jack; Chiang, Ian; Hu, Alex; Huland, David; Youn, Paul TI: Cold Therapy of
Sporting Injury in Upper Thigh Region: A Comprehensive Study on the Time Required

to Achieve Optimal Cooling and the Effects of Swelling KW: sports injury; soft tissue injury; muscle injury; cold therapy; COMSOL; heat transfer IssD: 2006-05-24 Pub: Publisher:

ABS: One of the most common injuries amongst athletes is soft tissue injury due to impact, and the traditional treatment for this is cold therapy using an ice pack. While this treatment is effective, inexpensive, and easily accessible, there is very little quantitative data available on the actual effects of ice on the muscle. The most common advice found in medical textbooks and literature is a 20 minute on, 20 minute off icing cycle. In this study we model the temperature distribution in the upper leg region after one and a half cycles of ice therapy. Our axisymmetric model consists of three layers: skin, fat, and muscle, and we include an initial swelling of the muscle layer that decreases as a function of the muscle temperature. After an initial 20 minutes of cooling, the desired temperature change of 10°C penetrated to only 4 mm into the muscle layer, but after a 60 minute cycle, the desired cooling increased to 1 cm. Our sensitivity analysis revealed that slight changes in properties such as density, specific heat and conductivity did not alter the results significantly. Also, using a fixed muscle thickness independent of temperature yielded a lower temperature drop in the muscle layer. It was concluded that ice therapy, though slow, is effective in cooling some of the muscle to the desired temperature, and its main advantages stem from its inexpensiveness and ease of application. Collection: 2006 Student Papers

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/3059> Visits: 124

AU: Fields, Rachel; Fisher, Elana; Kramer, Scott; Kwan, Elaine; Wong, Angela TI: An Analysis of the Ortho Evra Birth Control Patch KW: Birth Control; Patch IssD: 2006-05-24 Pub: Publisher:

ABS: The Ortho Evra Birth Control Patch is an effective alternative method of birth control. It releases two drugs, norelgestromin and ethinyl estradiol, and these two drugs diffuse through a person's skin and into their bloodstream. In order to analyze this process, we developed a 2-D, axisymmetric model of the diffusion of norelgestromin from the patch and through the skin. Through the use of a sensitivity analysis to determine the correct patch diffusivity, we were able to get an accurate representation of the physical process. We then modeled what would happen if the patch were removed for various periods of time, and we were able to determine that if the patch were removed for 24 hours or less, no significant disruption to the delivery of the drugs would occur. Finally, we also ran a simulation of wearing two different patches over the course of two weeks, and we determined that the concentration would normally encounter periodic rises and falls over the two-week period. Collection: 2006 Student Papers

File: group8.pdf Desc: Description: Size: 459952

URI: <http://hdl.handle.net/1813/3058> Visits: 155

AU: Gates, Megan; Perkins, Luke; Salvat, Regina; Tang, Zhouwen TI: The Effect of a Cooler on the Rate of Heat Loss from a Horse Post-Exercise KW: Horses; Wool blankets; Exercise; Sweat Evaporation IssD: 2006-05-24 Pub: Publisher:

ABS: Coolers are large wool blankets put on horses after exercising or bathing during cold weather. They are intended to allow moisture to travel away from the body of the horse while providing an insulating layer to help stabilize their body temperature and to prevent them from getting a chill. We tested the effectiveness of these wool coolers

by comparing the rate of heat loss from a horse's skin with and without the added wool layer. Using the modeling software of FIDAP we were able to simulate the coupled processes of heat t Collection: 2006 Student Papers
File: license.txt Desc: Description: Size: 1799
URI: <http://hdl.handle.net/1813/3061> Visits: 127

AU: Lee, Jessica; Morgan, Lee; Yee, Jackie TI: Angina Patch: Drug Delivery for Chest Pain KW: Angina Patch IssD: 2006-05-24 Pub: Publisher:
ABS: Angina pectoris is defined as chest pain due to lack of blood and oxygen to the heart. Nitroglycerin is an organic nitrate which treats angina by vasodilating both arteries and veins to increase blood flow to the heart. It is easy to develop nitroglycerin drug tolerance, and therefore drug app Collection: 2006 Student Papers
File: group4.pdf Desc: Description: Size: 435811
URI: <http://hdl.handle.net/1813/3052> Visits: 149

AU: Drinkwater, L. E.; Snapp, S. S. TI: Nutrients in agroecosystems: Rethinking the management paradigm KW: Agroecosystems; nutrient cycling; coupled biogeochemical processes; plant species functions; microbial community structure; microbial community function IssD: 2005-06-14 Pub: Publisher:
ABS: Agricultural intensifica Collection: Agroecology - Preprints
File: Drinkwater-Snapp-Ecosystems-D-Space version.pdf Desc: Description: Size: 537526
URI: <http://hdl.handle.net/1813/1477> Visits: 907

AU: TI: 92-095*A Cercis canadensis 'Royal White' KW: Cercis canadensis; Royal White; Leguminosae; Eastern Redbud; Roslyn Nursery IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 92-095_PL.jpg Desc: Description: Image of Plant Size: 647074
URI: <http://hdl.handle.net/1813/727> Visits: 149

AU: TI: 99-071*A Nepeta yunnanensis KW: Nepeta yunnanensis; Catmint; Lamiaceae; Western China; Heronswood Nursery IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 99-071A_FL.jpg Desc: Description: Image of Flower Size: 402250
URI: <http://hdl.handle.net/1813/1283> Visits: 263

AU: TI: 76-785*A Paeonia 'Minnie Shaylor' KW: Paeonia; Minnie Shaylor; Paeoniaceae; Poeny IssD: 2003-06-16 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 76-785_FL.jpg Desc: Description: Image of Flower Size: 303874
URI: <http://hdl.handle.net/1813/1249> Visits: 147

AU: TI: 79-252*A Paeonia 'Haru-no-akebono' KW: Paeonia; Haru-no-akebono; Paeoniaceae; Guardian of the Monastery; Tree Peony; Gratwick Nursery IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 79-252A_FL.jpg Desc: Description: Image of Flower Size: 378153
URI: <http://hdl.handle.net/1813/1083> Visits: 107

AU: TI: 78-302*A Paeonia 'Scarlet O'Hara' KW: Paeonia; Scarlet O'Hara; Paeoniaceae; Single Scarlett; Hybrid IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-302_FL.jpg Desc: Description: Image of Flower Size: 397530
URI: <http://hdl.handle.net/1813/1080> Visits: 135

AU: TI: 87-053*B Trachystemon orientalis KW: Trachystemon orientalis; Boraginaceae; Asia; Blumel; Peony IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 87-053B_FL.jpg Desc: Description: Image of Flower Size: 452166
URI: <http://hdl.handle.net/1813/705> Visits: 164

AU: TI: 99-124*A Eupatorium 'Bartered Bride' KW: Eupatorium; Bartered Bride; Compositae; Joe Pye Weed; Bluemel Nursery IssD: 2003-08-05 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 99-124_PL.jpg Desc: Description: Image of Plant Size: 458482
URI: <http://hdl.handle.net/1813/1284> Visits: 675

AU: TI: 00-413*A Coreopsis 'Tequila Sunrise' KW: Coreopsis; Tequila Sunrise; Tickseed IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 00-413A_PL.jpg Desc: Description: Image of Plant Size: 532637
URI: <http://hdl.handle.net/1813/1246> Visits: 687

AU: TI: 59-085*A Paeonia 'Gessekai' KW: Paeonia; Gessekai; Ranunculcaee; Tree Peony IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 59-085_FL.jpg Desc: Description: Image of Flower Size: 348875
URI: <http://hdl.handle.net/1813/1074> Visits: 181

AU: TI: 99-372*A Tradescantia (Andersoniana Group) 'Blue Stone' KW: Tradescantia; Andersoniana Group; Blue Stone; Commelinaceae; Spiderwort; Veronica's Nursery IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 99-372A_FL.jpg Desc: Description: Image of Flower Size: 320401
URI: <http://hdl.handle.net/1813/1288> Visits: 831

AU: TI: 76-641*A Paeonia 'Chalice' KW: Paeonia; Chalice; Paeoniaceae; Peony IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/1016> Visits: 189

AU: TI: 78-251*A Paeonia 'Early Daybreak' KW: Paeonia; Early Daybreak; Paeoniaceae; Peony IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-251_FL.jpg Desc: Description: Image of Flower Size: 306240
URI: <http://hdl.handle.net/1813/1109> Visits: 133

AU: TI: 85-359*A *Viburnum carlesii* KW: *Viburnum carlesii*; Caprifoliaceae; Korean Spice *Viburnum*; Korea IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 85-359_FL.jpg Desc: Description: Image of Flower Size: 324471
URI: <http://hdl.handle.net/1813/722> Visits: 158

AU: TI: 78-411*A *Paeonia tenuifolia* 'Plena' KW: *Paeonia tenuifolia*; Plena; Paeoniaceae; Fern Leaf Peony IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-411_IFL.jpg Desc: Description: Image of Flower Size: 589790
URI: <http://hdl.handle.net/1813/721> Visits: 170

AU: TI: 95-198*A *Hosta* 'Fall Bouquet' KW: *Hosta*; Fall Bouquet; Lilaceae; Plantain Lily IssD: 2003-08-05 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 95-198_FL.jpg Desc: Description: Image of Flower Size: 197536
URI: <http://hdl.handle.net/1813/1265> Visits: 147

AU: TI: 78-377*A *Paeonia* 'Janice' KW: *Paeonia*; Janice; Paeoniaceae; Single Pink; Early; Tall IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-377_FL.jpg Desc: Description: Image of Flower Size: 366440
URI: <http://hdl.handle.net/1813/1111> Visits: 136

AU: TI: 97-551*A *Hemerocallis* 'Attribution' KW: *Hemerocallis*; Attribution; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 97-551_FL.jpg Desc: Description: Image of Flower Size: 250672
URI: <http://hdl.handle.net/1813/1277> Visits: 127

AU: TI: 97-550*A *Hemerocallis* 'Amy Louise' KW: *Hemerocallis*; Amy Louise; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 97-550_FL.jpg Desc: Description: Image of Flower Size: 226361
URI: <http://hdl.handle.net/1813/1276> Visits: 124

AU: TI: 96-485*A *Hemerocallis* 'Raspberry Pixie' KW: *Hemerocallis*; Raspberry Pixie IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 96-485_FL.jpg Desc: Description: Image of Flower Size: 253411
URI: <http://hdl.handle.net/1813/1270> Visits: 116

AU: TI: 97-553*A *Hemerocallis* 'Pouf' KW: *Hemerocallis*; Pouf; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 97-553_FL.jpg Desc: Description: Image of Flower Size: 308802
URI: <http://hdl.handle.net/1813/1278> Visits: 133

AU: TI: 97-557*A Hemerocallis 'Siloam Show Girl' KW: Hemerocallis; Siloam Show Girl; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 97-557_FL.jpg Desc: Description: Image of Flower Size: 269987
URI: <http://hdl.handle.net/1813/1279> Visits: 133

AU: TI: 86-087*A Gypsophila paniculata 'Pink Fairy' KW: Gypsophila paniculata; Pink Fairy; Caryophyllaceae; Baby's Breath IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 86-087_FL.jpg Desc: Description: Image of Flower Size: 419494
URI: <http://hdl.handle.net/1813/1261> Visits: 107

AU: TI: 91-184*A Amsonia hubrichtii KW: Amsonia hubrichtii; Bluestar; Apocynaceae; Dogbane IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 91-184_FL.jpg Desc: Description: Image of Flower Size: 395797
URI: <http://hdl.handle.net/1813/1122> Visits: 128

AU: TI: 79-251*A Paeonia 'Renkaku' KW: Paeonia; Renkaku; Paeoniaceae; Tree Peony; Double White IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 79-251_FL.jpg Desc: Description: Image of Flower Size: 400412
URI: <http://hdl.handle.net/1813/1082> Visits: 121

AU: TI: 91-170*A Baptisia alba var. alba KW: Baptisia alba var. alba; Papilionaceae; White False Indigo; Southeastern United States IssD: 2003-06-17 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 91-170_FL.jpg Desc: Description: Image of Flower Size: 270026
URI: <http://hdl.handle.net/1813/1263> Visits: 107

AU: TI: 95-298*A Actinidia polygama KW: Actinidia polygama IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 95-298_FO.jpg Desc: Description: Image of Flower Size: 408002
URI: <http://hdl.handle.net/1813/1267> Visits: 126

AU: TI: 96-380*A Pulsatilla vulgaris 'Papageno' KW: Pulsatilla vulgaris; Papageno; Gramineae; Pasque Flower; Bluemel Nursery IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 96-380_FL1.jpg Desc: Description: Image of Flower Size: 398203
URI: <http://hdl.handle.net/1813/732> Visits: 163

AU: TI: 97-381*A Iris ensata 'Royal Banner' KW: Iris ensata; Royal Banner; Iridaceae; Japanese Iris IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 97-381_FL.jpg Desc: Description: Image of Flower Size: 277903
URI: <http://hdl.handle.net/1813/1272> Visits: 141

AU: TI: 82-123*B *Geranium sanguineum* var. *striatum* KW: *Geranium sanguineum* var. *striatum*; Cranesbill; Geraniaceae IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 82-123_FL.jpg Desc: Description: Image of Flower Size: 409573
URI: <http://hdl.handle.net/1813/1021> Visits: 140

AU: TI: 78-267*A *Paeonia* 'Athena' KW: *Paeonia*; Athena; Paeoniaceae; Creamy Buff; Quadruple Hybrid IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-267_FL2.jpg Desc: Description: Image of Flower Size: 359495
URI: <http://hdl.handle.net/1813/960> Visits: 139

AU: TI: 79-208*A *Hyacinthoides non-scripta* KW: *Hyacinthoides non-scripta*; Bluebell; Hyacinthaceae; Western Europe; J. A. Mars IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 79-208A_FL.jpg Desc: Description: Image of Flower Size: 408666
URI: <http://hdl.handle.net/1813/1020> Visits: 135

AU: TI: 81-480*A *Paeonia mlokosewitschii* KW: *Paeonia mlokosewitschii*; Peony; Paeoniaceae; Central Caucasus IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 81-480_FO.jpg Desc: Description: Image of Flower Size: 372385
URI: <http://hdl.handle.net/1813/756> Visits: 164

AU: TI: 78-386*A *Paeonia* 'Mermaid' KW: *Paeonia*; Mermaid; Paeoniaceae; Single Lavender IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-386_FL.jpg Desc: Description: Image of Flower Size: 393835
URI: <http://hdl.handle.net/1813/1018> Visits: 138

AU: TI: 78-250*A *Paeonia* 'Echo' KW: *Paeonia*; Echo; Paeoniaceae; Peony IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-250_FL.jpg Desc: Description: Image of Flower Size: 345002
URI: <http://hdl.handle.net/1813/1017> Visits: 134

AU: TI: 78-420*A *Paeonia* 'Heaven of the Orient' KW: *Paeonia*; Heaven of the Orient; Paeoniaceae IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-420_FL.jpg Desc: Description: Image of Flower Size: 415039
URI: <http://hdl.handle.net/1813/1019> Visits: 135

AU: TI: 78-297*A *Paeonia* 'Pink Lemonade' KW: *Paeonia*; Pink Lemonade; Paeoniaceae; Peony IssD: 2003-07-16 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-297_FL.jpg Desc: Description: Image of Flower Size: 379898
URI: <http://hdl.handle.net/1813/1253> Visits: 137

AU: TI: 78-438*A Paeonia 'Yellow Dream' KW: Paeonia; Yellow Dream; Paeoniaceae; Tree; Herbaceous; Peony IssD: 2003-07-23 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-438_FL.jpg Desc: Description: Image of Flower Size: 373747
URI: <http://hdl.handle.net/1813/1255> Visits: 134

AU: TI: 81-046*A Hemerocallis 'Patricia' KW: Hemerocallis; Patricia; Liliaceae; DayLily
IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 81-046_FL.jpg Desc: Description: Image of Flower Size: 242331
URI: <http://hdl.handle.net/1813/1256> Visits: 138

AU: TI: 95-225*A Calamintha nepeta ssp. glandulosa 'White Cloud' KW: Calamintha nepeta ssp. glandulosa; White Cloud IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 95-225C_FL.jpg Desc: Description: Image of Flower Size: 318956
URI: <http://hdl.handle.net/1813/1266> Visits: 119

AU: TI: 96-585*A Hemerocallis 'Opera Elegance' KW: Hemerocallis; Opera Elegance; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 96-585_FL.jpg Desc: Description: Image of Flower Size: 259621
URI: <http://hdl.handle.net/1813/1271> Visits: 126

AU: TI: 92-010*A Anthericum ramosum KW: Anthericum ramosum; Liliaceae; St. Bernard's Lily; Holbrook IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 92-010_FL.jpg Desc: Description: Image of Flower Size: 247645
URI: <http://hdl.handle.net/1813/1264> Visits: 130

AU: TI: 78-312*A Paeonia 'Carrara' KW: Paeonia; Carrara; Paeoniaceae; White; Japanese; Peony IssD: 2003-07-16 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-312_FL.jpg Desc: Description: Image of Flower Size: 328161
URI: <http://hdl.handle.net/1813/1254> Visits: 133

AU: TI: 77-188*A Clematis viticella KW: Clematis viticella; Kent Belle; Ranunculaceae; Italian Clematis; Buttercup Family IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 77-188_FL.jpg Desc: Description: Size: 479003
URI: <http://hdl.handle.net/1813/1250> Visits: 131

AU: TI: 99-155*A Hypericum forrestii KW: Hypericum forrestii; Shrubby St. Johnswort; Culsiaceae; Mangosteen Family IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 99-155_PL.jpg Desc: Description: Image of Plant Size: 583923
URI: <http://hdl.handle.net/1813/1285> Visits: 728

AU: TI: 01-288*A *Salvia nemorosa* 'Caradonna' ISU DIPLOMA KW: *Salvia nemorosa*; Caradonna; Lamiaceae; ISU Diploma; Meadow Sage; Sunny Border Ohio IssD: 2003-07-14 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 01-288A_FL.jpg Desc: Description: Image of Flower Size: 342080

URI: <http://hdl.handle.net/1813/1248> Visits: 376

AU: TI: 78-390*A *Paeonia* 'Moonrise' KW: *Paeonia*; Moonrise; Paeoniaceae; Single Creamy Yello; Hybrid IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 78-390_FL.jpg Desc: Description: Image of Flower Size: 328320

URI: <http://hdl.handle.net/1813/1081> Visits: 123

AU: TI: 97-459*A *Hemerocallis* 'Look at Me' KW: *Hemerocallis*; Look at Me; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 97-459_FL.jpg Desc: Description: Image of Flower Size: 229788

URI: <http://hdl.handle.net/1813/1274> Visits: 140

AU: TI: 98-445*A *Hemerocallis* 'White Dish' KW: *Hemerocallis*; White Dish; Liliaceae; DayLily; Klehm Nursery IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 98-445A_FL.jpg Desc: Description: Image of Flower Size: 250665

URI: <http://hdl.handle.net/1813/1281> Visits: 140

AU: TI: 97-469*A *Spiraea xbumalda* 'Candle Light' KW: *Spiraea xbumalda*; Candle Light; Rosaceae; Bumald Spirea; Forest Farm Nursery IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 97-469_FL.jpg Desc: Description: Image of Flower Size: 337803

URI: <http://hdl.handle.net/1813/1275> Visits: 136

AU: TI: 96-249*A *Aster integrifolius* KW: *Aster integrifolius*; Compositae; California IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 96-249_FL.jpg Desc: Description: Image of Flower Size: 372624

URI: <http://hdl.handle.net/1813/1269> Visits: 103

AU: TI: 86-086*A *Filipendula palmata* 'Elegantissima' KW: *Filipendula palmata*; Elegantissima; Rosaceae; Meadowsweet IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 86-086_FL.jpg Desc: Description: Image of Flower Size: 353832

URI: <http://hdl.handle.net/1813/1260> Visits: 107

AU: TI: 88-208*A *Paeonia* 'Lotus Bloom' KW: *Paeonia*; Lotus Bloom; Paeoniaceae IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 88-208_FL.jpg Desc: Description: Image of Flower Size: 385447

URI: <http://hdl.handle.net/1813/1025> Visits: 124

AU: TI: 76-299*A *Vinca minor* 'Gertrude Jekyll' KW: *Vinca minor*; Gertrude Jekyll; Apocynaceae; Myrtle IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 76-299_FL.jpg Desc: Description: Image of Flower Size: 347597
URI: <http://hdl.handle.net/1813/720> Visits: 199

AU: TI: 78-270*A *Paeonia* 'Friendship' KW: *Paeonia*; Friendship; Paeoniaceae; Single Pink; Early; Hybrid IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-270_FL.jpg Desc: Description: Image of Flower Size: 313229
URI: <http://hdl.handle.net/1813/1079> Visits: 112

AU: TI: 78-262*A *Paeonia* 'Imperial Divinity' KW: *Paeonia*; Imperial Divinity; Paeoniaceae; Late; Rose-Pink; Japanese; Peony IssD: 2003-07-16 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-262_FL.jpg Desc: Description: Image of Flower Size: 416798
URI: <http://hdl.handle.net/1813/1251> Visits: 142

AU: TI: 76-636*A *Paeonia* 'Requiem' KW: *Paeonia*; Requiem; Paeoniaceae; Single Waxy White; Early IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 76-636_FL.jpg Desc: Description: Image of Flower Size: 347495
URI: <http://hdl.handle.net/1813/1078> Visits: 136

AU: TI: 99-065*A *Geranium xoxonianum* 'Katherine Adele' KW: *Geranium xoxonianum*; Katherine Adele; Geraniaceae; Cranesbill; Heronswood Nursery IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 99-065A_FL.jpg Desc: Description: Image of Flower Size: 294530
URI: <http://hdl.handle.net/1813/1282> Visits: 228

AU: TI: 98-351*A *Hosta* 'Cherry Berry' KW: *Hosta*; Cherry Berry; Liliaceae; Plantain Lily; Shady Oaks Nursery IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 98-351B_PL.jpg Desc: Description: Image of Plant Size: 546927
URI: <http://hdl.handle.net/1813/1280> Visits: 155

AU: TI: 96-133*A *Iris xrobusta* 'Gerald Darby' KW: *Iris xrobusta*; Gerald Darby; Iridaceae; Hybrid Blue Flag Iris IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 96-133_FL.jpg Desc: Description: Image of Flower Size: 346085
URI: <http://hdl.handle.net/1813/1268> Visits: 125

AU: TI: 97-458*A *Hemerocallis* 'Heart's Glee' KW: *Hemerocallis*; Heart's Glee; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 97-458_FL.jpg Desc: Description: Image of Flower Size: 256820
URI: <http://hdl.handle.net/1813/1273> Visits: 126

AU: TI: 78-291*A Paeonia 'Moonstone' KW: Paeonia; Moonstone; Paeoniaceae; Midseason; Double; Blush; Peony IssD: 2003-07-16 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-291_FL.jpg Desc: Description: Image of Flower Size: 274119
URI: <http://hdl.handle.net/1813/1252> Visits: 149

AU: TI: 78-256*A Paeonia 'Age of Gold' KW: Paeonia; Age of Gold; Paeoniaceae; Tree Peony IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 78-256_FL.jpg Desc: Description: Image of Flower Size: 365920
URI: <http://hdl.handle.net/1813/1110> Visits: 134

AU: TI: 83-136*A Geranium clarkei 'Kashmir White' KW: Geranium clarkei; Kashmir White; Geraniaceae; Cranesbill IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 83-136_FL.jpg Desc: Description: Image of Flower Size: 344501
URI: <http://hdl.handle.net/1813/1259> Visits: 112

AU: TI: 82-123*B Geranium sanguineum var. striatum KW: Geranium sanguineum var. striatum; Geraniaceae; Cranesbill IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 82-123_FL.jpg Desc: Description: Image of Flower Size: 321406
URI: <http://hdl.handle.net/1813/1258> Visits: 118

AU: TI: 90-155*A Alstroemeria aurea KW: Alstroemeria aurea IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 90-155_FL.jpg Desc: Description: Image of Flower Size: 265152
URI: <http://hdl.handle.net/1813/1262> Visits: 101

AU: TI: 99-325*A Monarda didyma 'Jacob Cline' KW: Monarda didyma; Jacob Cline IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 99-325_PL.jpg Desc: Description: Image of Plant Size: 301984
URI: <http://hdl.handle.net/1813/1287> Visits: 709

AU: TI: 00-432*A Campanula 'Kent Belle' KW: Campanula; Kent Belle; Campanulaceae; Bellflower; The Plantsmen Nursery IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 00-432A_FL.jpg Desc: Description: Image of Flower Size: 227898
URI: <http://hdl.handle.net/1813/1247> Visits: 616

AU: TI: 81-100*B Coreopsis verticillata KW: Coreopsis verticillata IssD: 2003-07-16 Pub: Publisher:
ABS: Collection: American Peony Society Garden
File: 81-100B_FL.jpg Desc: Description: Image of Flower Size: 283532
URI: <http://hdl.handle.net/1813/1257> Visits: 133

AU: TI: 88-208*A Paeonia 'Lotus Bloom' KW: Paeonia; Lotus Bloom; Paeoniaceae IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 88-208_PL.jpg Desc: Description: Image of Plant Size: 622834

URI: <http://hdl.handle.net/1813/1096> Visits: 136

AU: TI: 99-303*A Tradescantia (Andersoniana Group) 'Osprey' KW: Tradescantia; Andersoniana Group; Commelinaceae; Osprey; Spiderwort; Shady Oaks Nursery IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 99-303_FL.jpg Desc: Description: Image of Flower Size: 316046

URI: <http://hdl.handle.net/1813/1286> Visits: 818

AU: TI: 65-206*A Paeonia 'Pastoral' KW: Paeonia; Pastoral; Ranunculcaee; Tree Peony IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: American Peony Society Garden

File: 65-206_FL.jpg Desc: Description: Image of Flower Size: 332599

URI: <http://hdl.handle.net/1813/1075> Visits: 180

AU: Arneson, Phil; Jenkins, Jeffrey J.; Loria, Rosemary; Oren, Timothy TI: Fortran Applescab Simulation KW: apple; applescab; disease; simulation IssD: 1977 Pub: Publisher:

ABS: Collection: Applescab Simulation Software

File: license.txt Desc: Description: Size: 1802

URI: <http://hdl.handle.net/1813/2472> Visits: 461

AU: Goldfarb, Joshua; Arneson, Phil TI: Java Applescab Simulation KW: apple; applescab; disease; simulation IssD: 2002 Pub: Publisher:

ABS: Collection: Applescab Simulation Software

File: Applescab_Help.html Desc: Description: Help html Size: 6585

URI: <http://hdl.handle.net/1813/2473> Visits: 573

AU: Andrews, Camille TI: Keeping Current with Educational Resources KW: blogs; RSS; social bookmarking IssD: 2006-03-24 Pub: Publisher:

ABS: From the presentation given on May 24, 2006 for Teacher Professional Development Day: "Are you so busy that you don't have time to find new resources for your classes or keep up with your own professional development? Do you find great resources and then never have the time and ability to find or check them again? Wonder what other teachers are doing and thinking but never have enough time to chat? Have you heard your students talking about Blogger, Bloglines, and del.icio.us and wondered what they are and how you can use them? The latest web tools, like blogs, RSS (Really Simple Syndication), and social bookmarking and other personalized information services, can help. They can bring information to you automatically rather than you having to search for it and can let you know what a community of teachers is reading, thinking and talking about all with minimal effort from you. In a little over two

Collection: Articles, Preprints, and Presentations by CUL Staff

File: Keeping_Current_for_Teachers.ppt Desc: Description: Size: 3378176

URI: <http://hdl.handle.net/1813/2723> Visits: 453

AU: Andrews, Camille; Rupp, Nathan TI: Recording Narration for PowerPoint KW: PowerPoint; audio IssD: 2006-03-23 Pub: Publisher:

ABS: This is a tutorial on recording narration for PowerPoint originally created for NS 315. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Recording Narration for PowerPoint-24_16_mono.ppt Desc: Description: Size: 29656576

URI: <http://hdl.handle.net/1813/2722> Visits: 497

AU: Andrews, Camille; Suggs, Aaron TI: Blogs KW: blogs; library IssD: 2006-01-10 Pub: Publisher:

ABS: Introduction to blogs and how to read and publish them. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Blogs.ppt Desc: Description: Size: 1338368

URI: <http://hdl.handle.net/1813/2610> Visits: 588

AU: Atkinson, Ross; Rosenkrantz, Marcy TI: Fostering Open Access at CUL by the use of Open Access Repositories (OARs) KW: open access; repositories; DSpace; electronic theses and dissertations IssD: 2005-08-02 Pub: Publisher:

ABS: Libraries in general and CUL in particular, have always been committed to providing free, open and un-impeded access to information. But as the cost of peer-reviewed scholarly literature, especially in the sciences, continues to increase we find ourselves being forced to make difficult decisions about how to allocate our limited resources. How do we strive to meet this commitment in the face of declining budgets and increasing costs? Several models of open-access publishing have been suggested, and task forces have been convened and have issued reports regarding those models. (see <http://techreports.library.cornell.edu:8081/Dienst/UI/1.0/Display/cul.lib/2004-3>)

Ultimately we come to the same conclusion--we must continue to make the access to scholarly information and literature free to our users. But providing that access always has and will continue to come at a cost to the library. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Fostering Open Access at CUL.pdf Desc: Description: Size: 147788

URI: <http://hdl.handle.net/1813/2180> Visits: 481

AU: Banush, David; Kurth, Martin; Pajerek, Jean TI: Rehabilitating Killer Serials: An Automated Strategy for Maintaining E-journal Metadata KW: Electronic journals; Automated catalog maintenance; Automated cataloging; Minimal-level cataloging; Descriptive metadata; Serials cataloging IssD: 2005-07 Pub: Publisher:

ABS: Cornell University Library (CUL) has developed a largely automated method for providing title-level catalog access to electronic journals made available through aggregator packages. CUL's technique for automated e-journal record creation and maintenance relies largely on the conversion of externally supplied metadata into streamlined, abbreviated-level MARC records. Unlike the Cooperative Online Serials Cataloging Program's recently implemented 'aggregator-neutral' approach to e-journal cataloging, CUL's method involves the creation of a separate bibliographic record for each version of an e-journal title in order to facilitate automated record maintenance. An indexed local field indicates the aggregation to which each title belongs and enables machine manipulation of all the records associated with a specific aggregation. Information encoded in another locally defined field facilitates the identification of all of

the library's e-journal titles and allows for the automatic generation of a Web-based title list of e-journals. CUL's approach to providing title-level catalog access to its e-journal aggregations involves a number of tradeoffs in which some elements of traditional bibliographic description (such as subject headings and linking fields) are sacrificed in the interest of timeliness and affordability. URLs and holdings information are updated on a regular basis by use of automated methods that save on staff costs. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Rehab.pdf Desc: Description: Size: 636376

URI: <http://hdl.handle.net/1813/2173> Visits: 654

AU: Banush, David; Rupp, Nathan TI: Staying Afloat in a Sea of E-Journals: An Automated Process for Cataloging Electronic Serials KW: Electronic journals; Catalogs; SerialsSolutions; MARC; Metadata IssD: 2004-04-15 Pub: Publisher:

ABS: Provides an overview of Cornell's method for using automatically generated MARC metadata from vendors such as SerialsSolutions to create library catalog records for electronic journals. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Banush_Rupp20040415.ppt Desc: Description: Size: 479744

URI: <http://hdl.handle.net/1813/1481> Visits: 743

AU: Block, David TI: Broadcast and Archive: human rights documentation in the early digital age. KW: human rights; latin america; Internet IssD: 2005-12-09 Pub: Publisher:

ABS: Human rights documentation is undergoing a transition from paper to digital formats. The paper traces recent progress, identifies barriers to be overcome and lays out some advantages to a virtual network of documents to parallel the human networks that characterize human rights work. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Broadcast Archive Final.pdf Desc: Description: Size: 210689

URI: <http://hdl.handle.net/1813/2543> Visits: 420

AU: Calhoun, Karen TI: Report for the Library of Congress: Preliminaries KW: library information systems; search engines; library catalogs; library collections; information seeking; cataloging IssD: 2006-04-27 Pub: Publisher:

ABS: Briefly introduces the author's report for the Library of Congress on the future of the catalog and its integration with other discovery systems. Prepared for the Endeavor EndUser annual meeting and presented April 22, 2006 in Chicago, Illinois. Includes speaker notes. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/2921> Visits: 208

AU: Calhoun, Karen TI: Lists, Catalogs and Portals: Models and Tools for E-Resource Access KW: electronic resources; access; aggregators; SerialsSolutions; portals; federated searching; reference linking; OpenURL IssD: 2004-04-30 Pub: Publisher:

ABS: Describes a number of methods for accessing a library's electronic resources, including aggregator databases, SerialsSolutions data, portals, federated searching, reference linking, and OpenURL. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Calhoun_20040430.ppt Desc: Description: Size: 1389056

URI: <http://hdl.handle.net/1813/1469> Visits: 655

AU: Calhoun, Karen TI: Libraries and Librarians Responding to Change: Transitions and Emerging Priorities KW: Organizational change; Change management; Technical services IssD: 2005-03-18 Pub: Publisher:

ABS: Discusses the environment in which libraries, especially technical services departments, find themselves in in the early twenty-first century, how they need to change to succeed in that environment, and how to best manage that change.

Collection: Articles, Preprints, and Presentations by CUL Staff

File: Calhoun_20050318_Responding_to_Change.ppt Desc: Description: Size: 465408

URI: <http://hdl.handle.net/1813/1473> Visits: 880

AU: Calhoun, Karen TI: Librarians, Learning, and Creativity: A Boundary-Breaking Perspective KW: Role of libraries; Role of librarians IssD: 2005-06 Pub: Publisher:

ABS: In the increasingly interconnected world of the Web, in which information seekers want to work self-sufficiently, how can librarians continue to contribute to saving time and advancing the state of knowledge? Taking the Web, dramatic shifts in information-seeking behavior, and technology-driven research, teaching and learning as starting points, Karen Calhoun will suggest a proactive, community-based, collaborative role for libraries and librarians in the online Collection: Articles, Preprints, and Presentations by CUL Staff

File: Calhoun_200506.ppt Desc: Description: PowerPoint presentation for Librarians, Learning, and Creativity: A Boundary-Breaking Perspective Size: 2150400

URI: <http://hdl.handle.net/1813/1490> Visits: 1002

AU: Calhoun, Karen TI: Catalogs and Portals: Models and Tools for Discovery and Access KW: Reference linking; Electronic resources; Catalogs; Portals IssD: 2004-06-27 Pub: Publisher:

ABS: Provides an overview of systems for accessing library resources, including catalogs and portals. Specifically discusses Endeavor's ENCompass product and its implementation at Cornell University Library. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1482> Visits: 591

AU: Calhoun, Karen TI: Integrated Framework for Discovering Digital Library Collections, An KW: Digital collections; Federated searching; OAI; Digital library best practices IssD: 2005-10-05 Pub: Publisher:

ABS: Information seekers are generally on their own to discover and use a research library's growing array of digital collections, and coordination of these collections' development and maintenance is often not optimal. The frequent lack of a conscious design for how collections fit together is of equal concern because it means that research libraries are not making the most of the substantial investments they are making in digital initiatives. This paper proposes a framework for a research library's digital collections that offers integrated discovery and a set of best practices to underpin collection building, federated access, and sustainability. The framework's purpose is to give information seekers a powerful and easy way to search across existing and future collections and to retrieve integrated sets of results. The paper and its recommendations are based upon research undertaken by the author and a team of librarians and technologists at Cornell University Library. The team conducted structured interviews of forty-five library staff members involved in digital collection building at Cornell,

studied an inventory of the library's more than fifty digital collections, and evaluated seven existing OAI and federated search production or prototype systems. Discusses the author's team's research and the rationale for their recommendations to: present a cohesive view of the library's digital collections for both browsing and searching at the object level; take a programmatic (rather than project-based) approach to digital collection building; require that all new digital collections conform to library-developed and agreed-upon OAI best practices for data providers; and implement organizational structures to sustain the library's digital collections over the long term. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Digital_Collections_Framework ICUDL Calhoun Final 8Sept200.pdf Desc: Description: Size: 82892
URI: <http://hdl.handle.net/1813/2232> Visits: 622

AU: Calhoun, Karen TI: Being a Librarian: Metadata and Metadata Specialists in the Twenty-first Century KW: Librarianship; Librarians; Metadata; Metadata specialists; Metadata librarians; Library trends IssD: 2004-12-17 Pub: Publisher:
ABS: Discusses the role of metadata and metadata specialists in libraries over the next decade. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Calhoun-20041217-final-preprint1.pdf Desc: Description: Size: 95303
URI: <http://hdl.handle.net/1813/2231> Visits: 1036

AU: Calhoun, Karen TI: ENCompass at Cornell KW: ENCompass; portal development; digital collections; metasearch; reference linking IssD: 2002-06-14 Pub: Publisher:
ABS: Presented at the session "Portal Implementations in Research Libraries" sponsored by the Association of Research Libraries at the American Library Association Annual Meeting, June 14, 2002, in Atlanta, Georgia. Collection: Articles, Preprints, and Presentations by CUL Staff
File: ENC-ARLportals.ppt Desc: Description: Size: 765952
URI: <http://hdl.handle.net/1813/3039> Visits: 84

AU: Calhoun, Karen TI: User-Centered Services: Information Experts, Interface and Content in the Virtual Library KW: Operations; Services IssD: 2005-03-18 Pub: Publisher:
ABS: Discusses the need for closely tying together library operations and services so their connection appears seamless to the library user. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Calhoun_20050318_User_Centered.ppt Desc: Description: Size: 668672
URI: <http://hdl.handle.net/1813/1472> Visits: 659

AU: Calhoun, Karen TI: Bird's Eye View of Authority Control in Cataloging, A: Workshop on Taxonomic Authority Files KW: Authority control; Cataloging IssD: 1998-06-22 Pub: Publisher:
ABS: Discusses the rise of cooperative authority control in cataloging and how authority control can be developed further. Collection: Articles, Preprints, and Presentations by CUL Staff
File: tax-af-text.doc Desc: Description: Presentation text Size: 54272
URI: <http://hdl.handle.net/1813/2233> Visits: 535

AU: Calhoun, Karen TI: The Changing Nature of the Catalog and its Integration with Other Discovery Tools: Draft 2B KW: library information systems; search engines; library catalogs; library collections; information seeking; cataloging IssD: 2006-03-06 Pub: Publisher:

ABS: This report, commissioned by the Library of Congress, analyzes research library catalogs and suggests options for their future. Includes a preliminary assessment of the feasibility of next steps and a blueprint for change. Structured interviews of noted library and information science professionals provide context for the recommendations. Collection: Articles, Preprints, and Presentations by CUL Staff File: LC 64 report draft2b.pdf Desc: Description: Size: 179184 URI: <http://hdl.handle.net/1813/2670> Visits: 5053

AU: Calhoun, Karen TI: E-Journal Access Using the Catalog, Federated Search, and Reference Linking Systems KW: Catalogs; Electronic journals; Federated searching; Reference linking IssD: 2004-03-18 Pub: Publisher:

ABS: Discusses the use of a variety of means to search electronic journals, including via the library catalog, through federated searching, and through reference linking. Collection: Articles, Preprints, and Presentations by CUL Staff File: Calhoun_20040318.htm Desc: Description: Size: 11757 URI: <http://hdl.handle.net/1813/1474> Visits: 858

AU: Calhoun, Karen TI: Curves Ahead! A Sunday Driver's Tour of Metadata, Metasearch, and Open Linking KW: Metadata; Federated Searching; Reference Linking IssD: 2005-03-18 Pub: Publisher:

ABS: Provides an overview of metadata, federated searching, and reference linking. Collection: Articles, Preprints, and Presentations by CUL Staff File: Calhoun_20050318.ppt Desc: Description: Size: 5067776 URI: <http://hdl.handle.net/1813/1471> Visits: 812

AU: Calhoun, Karen TI: ENCompass: A Portal Infrastructure for the Cornell University Library KW: ENCompass; portal development; digital collections; metasearch; reference linking IssD: 2006-05-20 Pub: Publisher:

ABS: Reports work completed on metasearch, reference linking, and portal development by the ENCompass Working Group at Cornell University Library in a development partnership with Endeavor Information Systems, Inc. Working group members were Eli Brown, Karen Calhoun, Adam Chandler, Sarah Young Chandler, John Cline, Nan Hyland, George Kozak, Marty Kurth, Paul McMillin, David Ruddy, and Ed Zieba. Collection: Articles, Preprints, and Presentations by CUL Staff File: IFLA-ENC-Portals-Calhoun.ppt Desc: Description: Size: 1193984 URI: <http://hdl.handle.net/1813/3036> Visits: 111

AU: Calhoun, Karen; Brown, Eli; Chandler, Adam; Chandler, Sarah Young; Cline, John; Hyland, Nan; Kozak, George; Kurth, Marty; McMillin, Paul; Ruddy, David; Zieba, Ed TI: ENCompass E-Reference System KW: ENCompass; metasearch; reference linking; e-resource discovery systems IssD: 2006-05-20 Pub: Publisher:

ABS: Presented by the ENCompass Working Group May 8, 2003, to Cornell University Library staff just prior to moving into production with a new e-resource discovery system featuring metasearch and reference linking. Describes and demonstrates with screen shots the then-new services "Find Articles" and "Find Databases" that replaced

the former "E-Reference System." The ENCompass-based system, in production since 2003, began to be phased out in 2006. Collection: Articles, Preprints, and Presentations by CUL Staff

File: ENCe-Ref_Spring03.ppt Desc: Description: Size: 2007040

URI: <http://hdl.handle.net/1813/3037> Visits: 122

AU: Calhoun, Karen; Hyland, Nan; Kurth, Marty TI: ENCompass and the e-Reference Collection: A New-Fashioned Notion KW: Digital libraries; Library electronic resources; Reference collections; Metadata IssD: 2006-05-19 Pub: Publisher:

ABS: Presentation on the implementation of the Cornell University Library e-Reference Collection in the ENCompass digital library management system. Given at the Mid-Atlantic Voyager Users Group Meeting, October 29, 2002, Ithaca, New York. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/3029> Visits: 87

AU: Calhoun, Karen; Turner, Tom; Brodsky, Meryl; Kozak, George; Kurth, Marty; Muratori, Fred; Ruddy, David; Chandler, Sarah Young TI: Mixing and Mapping Metadata to Provide Integrated Access to Digital Library Collections: An Activity Report KW: Metadata; Digital library collections; Resource discovery; Dublin Core; ENCompass IssD: 2001-10-25 Pub: Publisher:

ABS: Reports work in progress to implement integrated access to multiple digital collections described with a variety of metadata formats. Using the emerging resource discovery and digital library management system, ENCompass, a team at Cornell University Library experimented with a new discovery system model. The model uses simple, "pidgin" metadata at the collection management level, but combines this simple layer with other metadata for describing specific resources, to enable users to both discover relevant collections and also conduct deep searches. A metadata format tailored for simplicity (Dublin Core) is used alongside other, more complex metadata formats. Collection: Articles, Preprints, and Presentations by CUL Staff

File: DC 2001 calhoun turner paper-23.pdf Desc: Description: Article in proceedings Size: 46914

URI: <http://hdl.handle.net/1813/3035> Visits: 113

AU: Calhoun, Karen; Wicks, Scott TI: Technology, Process Redesign, and the Evolving Role of Technical Services KW: Acquisitions; Technical Services; Process redesign IssD: 2004-06-27 Pub: Publisher:

ABS: Discusses the reorganization of technical services and development of tools (including CUL's Integrated Tool for Selection and Ordering (ITSO CUL) acquisitions tool) at Cornell University Library to create efficiencies for providing library users with faster access to materials. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Calhoun_Wicks_20040627.pdf Desc: Description: Size: 219549

URI: <http://hdl.handle.net/1813/1470> Visits: 796

AU: Chandler, Adam TI: Update on DLF Electronic Resource Management Initiative (ERMI), with Focus on XML Schema for E-Resource Licenses KW: Electronic resources; Licensing; Electronic resource management; XML; Metadata IssD: 2004-06-25 Pub: Publisher:

ABS: Provides an overview of the Digital Library Federation's (DLF) E-Resource Management Initiative (ERMI) and the development of Electronic Resource Management (ERM) systems using XML. Includes a discussion of an investigation into the metadata associated with electronic resource licenses. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Chandler_20040625.ppt Desc: Description: Size: 410112

URI: <http://hdl.handle.net/1813/1478> Visits: 1233

AU: Chandler, Adam TI: Electronic Resource Management: Driving Factors: III Directors Symposium Berkeley, CA, March 14, 2006 KW: IssD: 2006-03-14 Pub: Publisher:

ABS: This presentation presents a possible scenario for how electronic resource management (ERM) systems will evolve to serve libraries. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Chandler2006IIIDirectorsSymposium.ppt Desc: Description: Size: 722432

URI: <http://hdl.handle.net/1813/2741> Visits: 331

AU: Chandler, Adam; Kurth, Marty TI: Using XML and XSLT to Transform Access to Networked Electronic Resources KW: Federated searching; OpenURL IssD: 2006-05-19 Pub: Publisher:

ABS: Presentation on interface development, usability testing, and reference-linking troubleshooting for a federated search service at Cornell University Library. Given at LITA National Forum 2003, Norfolk, Virginia. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/3028> Visits: 95

AU: Chandler, Adam; LeBlanc, Jim TI: Exploring the Potential of a Virtual Undergraduate Library Collection Based on the Hierarchical Interface to LC Classification (HILCC) KW: classification; browsing IssD: 2005-10-05 Pub: Publisher:

ABS: The Hierarchical Interface to Library of Congress Classification (HILCC) is a system developed by the Columbia University Library to leverage call number data from the MARC holdings records in Columbia's online catalog to create a structured, hierarchical menuing system to provide subject access to the library's electronic resources. In this paper, the authors describe a research initiative at the Cornell University Library to discover if the Columbia HILCC scheme can be used as developed by Columbia, or in modified form, to create a virtual undergraduate print collection outside the context of the traditional online catalog. Their results indicate that, with certain adjustments, a HILCC model can indeed be used to represent the holdings of a large research library's undergraduate collection of approximately 150,000 titles, but that such a model is not infinitely scalable and may require a new approach to browsing such a large information space. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/2223> Visits: 625

AU: Chandler, Sarah; Hyland, Nancy TI: Federated searching and academic libraries: One size fits all? KW: federated searching IssD: 2003-09-08 Pub: Publisher:

ABS: Collection: Articles, Preprints, and Presentations by CUL Staff

File: ACS_9_03_rev.ppt Desc: Description: Size: 686080
URI: <http://hdl.handle.net/1813/3040> Visits: 99

AU: Davis, Philip M TI: Do Open-Access articles really have a greater research impact?
KW: Open Access; correlation and causation; citation analysis; research impact IssD:
2006-03 Pub: Publisher:

ABS: The study of citation behavior is complex and involves multiple confounding, and interacting variables. Methodologically, it is very difficult to distinguish whether Open Access is an explanatory cause of increased access, or whether it is merely an artifact of other causal explanations such as article duplication or self-promotion. Do Open-Access articles really have a greater research impact, as many suggest? Yes, but Open Access may not be the cause. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Davis (CRL 2005).pdf Desc: Description: Size: 25152
URI: <http://hdl.handle.net/1813/2881> Visits: 604

AU: Davis, Philip M. TI: Who's to Blame for Article Duplication? KW: MCB University Press; Emerald Publishing Group Ltd.; article republishing; article duplication; ethical responsibility IssD: 2005-04 Pub: Publisher:

ABS: We may have just witnessed the very worst of academic publishing? a scenario in which commercial interests have outweighed editorial integrity and independence. At a time when academics have expressed great fears that commercial publishers are exploiting the scholarly publishing process, it is far too easy to level blame entirely on Emerald without considering our own actions. Publishing does not exist without authors, reviewers, editors, editorial boards, and librarians; it operates with the support, participation and consent of the academic community. Collection: Articles, Preprints, and Presentations by CUL Staff

File: 5.2davis.pdf Desc: Description: Size: 60107
URI: <http://hdl.handle.net/1813/2576> Visits: 644

AU: Davis, Philip M. TI: Tragedy of the Commons Revisited: Librarians, Publishers, Faculty and the Demise of a Public Resource KW: Tragedy of the Commons; crisis in publishing; open access IssD: 2003-10 Pub: Publisher:

ABS: The model of scholarly publishing can be reduced, in economic terms, to a Tragedy of the Commons, whereby the individual interests of publishers, libraries and scholars are in conflict with what is in the best interest of the public good. Serials inflation, price discrimination, and site-license pricing are all manifestations of this dysfunctional economic model. Moral arguments to change human behavior are not effective because they do not provide individual incentives. Technology-alone is also not a viable solution since it fails to change the underlying human behavior that is driving the economic model. Abandoning the current system of publishing is both risky and costly. This paper argues for a reintermediation of the library as governor of the public scholarly commons, but illustrates that these solutions are in conflict with the mission of the library profession. Collection: Articles, Preprints, and Presentations by CUL Staff

File: 3.4davis.pdf Desc: Description: Size: 139183
URI: <http://hdl.handle.net/1813/2568> Visits: 229

AU: Davis, Philip M. TI: Information seeking behavior of chemists: a transaction log analysis of referral URLs KW: e-journals; referral URL; American Chemical Society IssD: 2004-02-15 Pub: Publisher:

ABS: This study reports an analysis of referral URL data by Cornell University IP address from the American Chemical Society servers. The goal of this work is to better understand the tools used and pathways taken when scientists connect to electronic journals. While various methods of referral were identified in this study, most individuals were referred infrequently and followed few and consistent pathways each time they connected. The relationship between the number and types of referrals followed an inverse-square law. Whereas the majority of referrals came from established finding tools (library catalog, library e-journal list, and bibliographic databases), a substantial number of referrals originated from generic web searches. Scientists are also relying on local alternatives or substitutes such as departmental or personal web pages with lists of linked publications. The use of electronic mail as a method to refer scientists directly to online articles may be greatly underestimated. Implications for the development of redundant library services like e-journal lists, and the practice of publishers to allow linking from other resources are discussed.

Collection: Articles, Preprints, and Presentations by CUL Staff

File: 55.4davis.pdf Desc: Description: Size: 125800

URI: <http://hdl.handle.net/1813/2565> Visits: 408

AU: Davis, Philip M. TI: Where to spend our e-journal money? Defining a university library's core collection through citation analysis KW: electronic journals; collection building; university libraries IssD: 2002-01 Pub: Publisher:

ABS: This paper identifies core journals in the life sciences for Cornell University researchers by analyzing the frequency of Cornell-authored citations in Biosis Previews between 1996 and 2001. The distribution frequency of journals confirms Bradford's Law of Scatter or the 80/20 Rule. The top 240 journals, providing 80% of the citations, were analyzed by publisher type and institutional subscription price. In general, journals from society and associations received the highest number of citations and were priced considerably lower than commercial journals. The methodology described is a fast, no-cost, and scalable procedure that can be adapted to various subject databases, and may be used to provide guidance on which titles to purchase for electronic access. Collection:

Articles, Preprints, and Presentations by CUL Staff

File: 2.1davis.pdf Desc: Description: Main article Size: 206107

URI: <http://hdl.handle.net/1813/2559> Visits: 305

AU: Davis, Philip M. TI: Effect of the Web on Undergraduate Citation Behavior: guiding student scholarship in a networked age KW: citation analysis; undergraduates IssD: 2003-01 Pub: Publisher:

ABS: This article provides the last update to a longitudinal study tracking the research behavior of a multi-college undergraduate course in microeconomics from 1996 to 2001. Student term paper bibliographies grew between 1996 and 2000 but included fewer scholarly resources. In 2001, a return to citing scholarly sources was demonstrated when the professor provided clear and enforceable guidelines in his class assignment. The accuracy and persistency of cited Web documents also increased as a result. Collection: Articles, Preprints, and Presentations by CUL Staff

File: 3.1davis.pdf Desc: Description: Size: 380192

URI: <http://hdl.handle.net/1813/2563> Visits: 325

AU: Davis, Philip M. TI: Why usage statistics cannot tell us everything, and why we shouldn't dare to ask KW: usage statistics; price discrimination; e-journals IssD: 2004-01 Pub: Publisher:

ABS: Publishers currently practice third-degree price discrimination whereby different classes of subscribers are charged different prices based on their ability (or willingness) to pay. Distinguishing the type of user within the institution and determining why a resource was used would allow publishers to start practicing first-degree price discrimination -- an economic environment where publishers can start maximizing profits from each institution. Protecting patron privacy also has unintended consequences of protecting the library budget. Collection: Articles, Preprints, and Presentations by CUL Staff

File: ag.pdf Desc: Description: Size: 28637

URI: <http://hdl.handle.net/1813/2569> Visits: 306

AU: Davis, Philip M. TI: Patterns in Electronic Journal Usage: Challenging the Composition of Geographic Consortia KW: usage statistics; collection analysis; NERL; Big Deal IssD: 2002-11 Pub: Publisher:

ABS: Annual electronic journal usage data for the NorthEast Research Library (NERL) consortium was analyzed for 2000 and 2001 for the Academic Press IDEAL aggregate package. Patterns indicated a high degree of skew in the use of the journal collection: a small number of journals formed the majority of total use. Each institution illustrated a unique usage pattern, with some institutions using (proportionally) more or less of the collection. No institution used every title, and some titles were used very infrequently by the consortium as a whole. Title ranking showed high congruence between 2000 and 2001. Titles not subscribed in print, received about ten times less use than locally subscribed titles. Cluster analysis revealed three distinct groups of institutions based on their use of the journal package: 1) Large research institutions, 2) Medical institutions, and 3) Smaller liberal arts colleges and polytechnic institutes. Student enrollment is a good predictor of total usage, with medical institutions being an exception. It is recommended that institutions consider their consortial membership and organize themselves into groups of homogenous institutions with similar missions. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Davis_Consortia.pdf Desc: Description: Size: 510089

URI: <http://hdl.handle.net/1813/2561> Visits: 328

AU: Davis, Philip M. TI: The Ethics of Republishing: A Case Study of Emerald/ MCB University Press Journals KW: article duplication; republication; MCB University Press; Emerald Group Publishing Ltd.; ethical behavior IssD: 2005-04 Pub: Publisher:

ABS: It is unethical to republish a journal article without citing the original source. Simple keyword searching of Emerald (formerly known as MCB University Press) online journals from the publisher's web site has identified 409 examples of articles from sixty-seven journals that were republished without such notification from 1989 through 2003. Many of these articles were published simultaneously in journals within the same or similar subject disciplines. Five examples of triple publication were identified. In several cases, neither the editor nor editorial board members reported knowledge of this practice. This article will review the conditions of acceptable republishing plus document and provide examples of republication. It will discuss

implications on the publication of record, and question whether this is a case of "let the buyer beware". Collection: Articles, Preprints, and Presentations by CUL Staff
File: emerald.pdf Desc: Description: Main article Size: 101103
URI: <http://hdl.handle.net/1813/2572> Visits: 407

AU: Davis, Philip M. TI: Article duplication in Emerald/MCB journals is more extensive than first reported: Possible conflicts of financial and functional interests are uncovered KW: MCB University Press; Emerald Group Publishing Ltd.; ethical behavior; article republishing; duplicate publishing IssD: 2005-06 Pub: Publisher:
ABS: Article duplication within Emerald/MCB publications is more extensive than first reported. It has now been identified in 73 journals spanning a period from 1975 to 2003. This letter will address updates to the initial findings and react to Emerald's response. It will investigate the relationships between Emerald, MCB and Barmarick Publications, and shed light on possible conflicts of interest in management functioning simultaneously as owners, editors and authors. Is this a case where commercial interests have outweighed editorial independence? Collection: Articles, Preprints, and Presentations by CUL Staff
File: emerald_update.pdf Desc: Description: Size: 34449
URI: <http://hdl.handle.net/1813/2574> Visits: 419

AU: Davis, Philip M. TI: For electronic journals, total downloads can predict number of users KW: interface effect; e-journals; journal publishing; usage analysis IssD: 2004-07 Pub: Publisher:
ABS: Results from two multiple regression models involving HighWire journal subscriptions for 16 participating universities in the United States, United Kingdom and Sweden for 2003 indicate a highly predictive relationship between the number of article downloads and the number of users, meaning that the size of a user population can be estimated by just knowing the total use of a journal. The relationship is consistent over time and across institutions, and appears to be unrelated to the subject, size or popularity of a journal. It is not consistent across publishers, however, suggesting that an 'interface effect' may exist. The development of a Project COUNTER standard to deal with extreme or abnormal journal usage is necessary if we wish to compare the performance of journals across publishers. Collection: Articles, Preprints, and Presentations by CUL Staff
File: 4.3davis.pdf Desc: Description: Size: 182381
URI: <http://hdl.handle.net/1813/2570> Visits: 357

AU: Davis, Philip M. TI: The Effect of the Web on Undergraduate Citation Behavior: A 2000 update KW: citation analysis; undergraduates IssD: 2002-01 Pub: Publisher:
ABS: This paper provides a 2000 update to the 1996-1999 citation analysis of undergraduate term papers by Philip Davis and Suzanne Cohen [JASIST 52(4) 2001, p.309-314]. The total number of bibliographic citations continued to grow in 2000 from a median of 10 in 1996 to 13 in 2000. The growth however is entirely explained by the addition of traditionally non-scholarly materials (Web and newspaper citations). A significant improvement in the accuracy of Internet citations was found when term papers were submitted electronically. In 2000, the first year of electronic submissions, 65% of the citations pointed directly to the cited document, up from 55% in 1999. Internet citations aged six months in both 1999 and 2000 bibliographies were still irretrievable anywhere on the Internet 16% of the time. If we are to see more scholarly

citations in term papers, professors must provide clear expectations in their class assignments. Students should be required to submit an electronic copy of their paper so that Internet citations can be scrutinized for accuracy and plagiarism. Collection: Articles, Preprints, and Presentations by CUL Staff

File: bigger_not_better.pdf Desc: Description: Size: 261110

URI: <http://hdl.handle.net/1813/2558> Visits: 493

AU: Davis, Philip M. TI: Transfer From Print to Electronic Serials KW: interlibrary loan; usage statistics; letter to the editor IssD: 2004-02-15 Pub: Publisher:

ABS: Comparing the average cost per download for electronic journal packages to the average Interlibrary Loan cost can be both grossly inaccurate and wildly misleading. It forces one to accept the following assumptions: 1) aggregate online use can be compared with print use, 2) all journals cost the same and are used the same, and 3) the set of journals requested by Interlibrary Loan are similar to the set of journals subscribed by a library. This letter to the editor refutes each of these assumptions. Collection: Articles, Preprints, and Presentations by CUL Staff

File: 55.4adavis.pdf Desc: Description: Size: 52183

URI: <http://hdl.handle.net/1813/2567> Visits: 263

AU: Davis, Philip M.; Cohen, Suzanne TI: The Effect of the Web on Undergraduate Citation Behavior 1996-1999 KW: citation analysis; URL permanence; undergraduates IssD: 2001-02-15 Pub: Publisher:

ABS: A citation analysis of undergraduate term papers in microeconomics revealed a significant decrease in the frequency of scholarly resources cited between 1996 and 1999. Book citations decreased from 30% to 19%, newspaper citations increased from 7% to 19%, and Web citations increased from 9% to 21%. Web citations checked in 2000 revealed that only 18% of URLs cited in 1996 led to the correct Internet document. For 1999 bibliographies, only 55% of URLs led to the correct document. The authors recommend 1) setting stricter guidelines for acceptable citations in course assignments; 2) creating and maintaining scholarly portals for authoritative Web sites with a commitment to long term access; and 3) continuing to instruct students how to critically evaluate resources. Collection: Articles, Preprints, and Presentations by CUL Staff

File: 52.4davis.pdf Desc: Description: Size: 77869

URI: <http://hdl.handle.net/1813/2557> Visits: 365

AU: Davis, Philip M.; Cornell University Library. Task Force on Open Access Publishing TI: Calculating the Cost per Article in the Current Subscription Model KW: open access publishing IssD: 2004-12-22 Pub: Publisher:

ABS: This spreadsheet calculates the cost per article published in the current subscription model for 113 institutions designated under the Association of Research Libraries. It graphs these institutions by FTE (full time equivalent enrollment) and compares the results to a range of costs. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1796

URI: <http://hdl.handle.net/1813/236> Visits: 2252

AU: Davis, Philip M.; Ehling, Terry; Habicht, Oliver; How, Sarah; Saylor, John M; Walker, Kizer TI: Report of the CUL Task Force on Open Access Publishing Presented

to the Cornell University Library Management Team August 9, 2004. KW: open access publishing IssD: 2004-09 Pub: Publisher:

ABS: The Task Force on Open Access Publishing was convened by Ross Atkinson in January 2004. The purpose of the Task Force is to study the information available on Open Access publishing and to provide the CUL Library Management Team with a report that addressed specific questions. Alternative publishing models that would offer free and unimpeded access to scholarship promise both a more affordable system for academic institutions and their libraries and a more democratic one for readers and authors. The present Report examines both aspects of the Open Access promise and offers recommendations for CUL' Collection: Articles, Preprints, and Presentations by CUL Staff

File: OATF_Report_8-9.pdf Desc: Description: Size: 251268

URI: <http://hdl.handle.net/1813/193> Visits: 8210

AU: Davis, Philip M.; Price, Jason TI: eJournal interface can influence usage statistics: implications for libraries, publishers, and Project COUNTER. KW: electronic journals; ejournal; interface effect; publisher; science journals; statistical analysis IssD: 2006 Pub: Publisher:

ABS: The design of a publisher's electronic interface can have a measurable effect on electronic journal usage statistics. A study of journal usage from six COUNTER-compliant publishers at thirty-two research institutions in the United States, the United Kingdom and Sweden indicates that the ratio of PDF to HTML views is not consistent across publisher interfaces, even after controlling for differences in publisher content. The number of fulltext downloads may be artificially inflated when publishers require users to view HTML versions before accessing PDF versions or when linking mechanisms, such as CrossRef, direct users to the full text, rather than the abstract, of each article. These results suggest that usage reports from COUNTER-compliant publishers are not directly comparable in their current form. One solution may be to modify publisher numbers with 'adjustment factors' deemed to be representative of the benefit or disadvantage due to its interface. Standardization of some interface and linking protocols may obviate these differences and allow for more accurate cross-publisher comparisons. Collection: Articles, Preprints, and Presentations by CUL Staff

File: interface.pdf Desc: Description: Size: 353483

URI: <http://hdl.handle.net/1813/2269> Visits: 618

AU: Davis, Philip M.; Solla, Leah TI: An IP-level analysis of usage statistics for electronic journals in chemistry: Making inferences about user-behavior. KW: e-journals; usage analysis; American Chemical Society; IP address IssD: 2003-09 Pub: Publisher:

ABS: This study reports an analysis of American Chemical Society electronic journal downloads at Cornell University by individual IP addresses. While the majority of users (IPs) limited themselves to a small number of both journals and article downloads, a small minority of heavy users had a large effect on total journal downloads. There was a very strong relationship between the number of article downloads and the number of users, implying that a user-population can be estimated by just knowing the total use of a journal. Aggregate users (i.e. Library Proxy Server and public library computers) can be regarded as a sample of the entire user population. Analysis of article downloads by format (PDF vs HTML) suggests that individuals are using the system like a networked photocopier, for the purposes of

creating print-on-demand copies of articles. Collection: Articles, Preprints, and Presentations by CUL Staff

File: 54.11davis.pdf Desc: Description: Size: 130445

URI: <http://hdl.handle.net/1813/2564> Visits: 262

AU: Davis, Philip M.; Stern, David TI: Comparing Institutional Membership to Per-Article Payment in an Open Access Model KW: open access; BioMed Central; cost analysis; Cornell University; Yale University IssD: 2005-12-22 Pub: Publisher:

ABS: Is it cheaper in an Open Access producer-pays model to take an institutional membership over paying per article published? The results of this analysis of two research institutions suggests that institutions could save money if they paid by the article. This study looked at Cornell University and Yale University, both institutional members of BioMed Central and compared the number of article published in 2004 to the amount their institutions paid for membership. In both cases, each institution could have saved money if they simply paid their author's publication fees. Collection: Articles, Preprints, and Presentations by CUL Staff

File: bmc.pdf Desc: Description: Main article Size: 19290

URI: <http://hdl.handle.net/1813/2580> Visits: 405

AU: Hirtle, Peter TI: The USA PATRIOT Act and Archivists KW: Archives; Legal Matters IssD: 2004-08-15 Pub: Publisher:

ABS: This presentation, given at the Spring 2004 meeting of the New England Archivists, discusses the impact of the USA Patriot Act on archives. First, it discusses the real, though slight, risk the Patriot Act poses for archives, especially with regard for the privacy of archival donors and users. Second, it discusses some of the concrete steps that archives can take to lessen the potential negative impact on archives. Lastly, it talks about the archival and records management issues associated with terrorism investigations. Collection: Articles, Preprints, and Presentations by CUL Staff

File: The USA PATRIOT Act and Archivists.pdf Desc: Description: Size: 96707

URI: <http://hdl.handle.net/1813/172> Visits: 1911

AU: Hirtle, Peter B. TI: Archives or Assets? KW: IssD: 2003-11-24 Pub: Publisher:

ABS: This paper discusses the nature of ownership of archival holdings, with special emphasis placed on issues of intellectual property, and the implications such ownership may have on the exploitation of those works. In order to respect the public's interest in archival materials, licensing schemes must be skillfully crafted. If archives are careful not to compromise their own fundamental values when seeking to generate revenue, and if they respect the public's interest in public domain material, they will be able to avoid much of the criticism that many museums have received over their jealous attempts to monopolize and control their collections. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/52> Visits: 2679

AU: Hirtle, Peter B. TI: Research, Libraries, and Fair Use: The Gentlemen's Agreement of 1935 KW: copyright; libraries - legal issues IssD: 2006-03-20 Pub: Publisher:

ABS: The Gentlemen's Agreement of 1935 was a voluntary agreement that set guidelines for the limits of acceptable reproduction of copyrighted materials on behalf of scholars. Developed in response to the challenge posed by the easy and inexpensive

photographic reproduction of research materials, the Agreement allowed library, archives, museum, or similar institutions to make single photographic copies of a part of a copyrighted work in lieu of loaning the physical item. The copies were not supposed to substitute for the purchase of the original work, and they were intended solely to facilitate research. Liability for misuse was to rest with the individual requesting the copy, Collection: Articles, Preprints, and Presentations by CUL Staff
File: Research_Libraries_and_Fair_Use.pdf Desc: Description: Size: 325309
URI: <http://hdl.handle.net/1813/2719> Visits: 1465

AU: Hirtle, Peter B. TI: Unpublished Materials, New Technologies, and Copyright: Facilitating Scholarly Use KW: manuscripts; copyright; archives IssD: 2001 Pub: Publisher:

ABS: The paper is divided into three parts. The first part explores why, at least with regard to the use of unpublished materials, current interpretations of copyright law have become an impediment to creative endeavors rather than an encouragement to them. Two factors are at work. The first factor is that copyright law imposes on unpublished materials a set of rules and viewpoints meant to govern published material. The second factor that has made the use of unpublished material more problematic is the rise of the Internet and the ease with which people can uncover potential infringing acts. Technology has not changed the law, but it has affected how people interpret the law ? with potentially disastrous results as far as unpublished material is concerned. The second part of the paper considers one possible solution advanced by the Copyright Office to address the problem of what they call ?orphan works? ? works whose copyright owner cannot be located. The last part of the paper considers what might constitute reasonable investigation of the copyright ownership of unpublished works. It may be that the standard for reasonable investigation would be enough to establish a fair use defense of the material, obviating the need for compulsory payments. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Hirtle_OSU_paper.pdf Desc: Description: Size: 266208
URI: <http://hdl.handle.net/1813/58> Visits: 2397

AU: Hirtle, Peter B. TI: Digital Preservation and Copyright KW: preservation; copyright IssD: 2003-11 Pub: Publisher:

ABS: This article discusses provisions in US Copyright law which regulate the preservation of digital materials. In particular, Hirtle examines Sections 117, 108 and 107. Hirtle also looks at ongoing efforts to archive the World Wide Web and the various copyright issues that surround these efforts. Last, Hirtle examines how recent rulemaking from the Librarian of Congress concerning DMCA impacts digital preservation. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Digital Preservation and Copyright.htm Desc: Description: Size: 54091
URI: <http://hdl.handle.net/1813/53> Visits: 1266

AU: Hirtle, Peter B. TI: Review of Complete Copyright, The Librarian's Copyright Companion, and Copyright for Archivists and Users of Archives KW: Copyright; Archives; Libraries IssD: 2005 Pub: Publisher:

ABS: A review of two new books on copyright for librarians and one book on copyright for English archivists. The author suggests that while the first two books are intended for librarians, they may still be useful to American archivists. Padfield's book would be

most useful to those interested in copyright law in the United Kingdom. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Recent Writings About Copyright_final.pdf Desc: Description: Size: 104089
URI: <http://hdl.handle.net/1813/2506> Visits: 646

AU: Houle, Paul TI: Tapir User Manager KW: software; web applications; user management; php; mysql IssD: 2006-06-13 Pub: Publisher:
ABS: Collection: Articles, Preprints, and Presentations by CUL Staff
File: Tapir User Manager.ppt Desc: Description: Size: 468992
URI: <http://hdl.handle.net/1813/3203> Visits: 136

AU: Houle, Paul TI: Commonspot Installation at Cornell University Library KW: commonspot; cfm; oracle; apache; web server; documentation IssD: 2006-06-06 Pub: Publisher:
ABS: Cornell University Library's CommonSpot installation is scaled to meet the needs of over 21 unit libraries that publish more than 70 web sites. This talk, given at a Commonspot Show and Tell, describes our system, based on Solaris and Oracle, that serves many virtual hosts while providing for separate test and production environments. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Commonspot Installation at Cornell University Library.ppt Desc: Description: Size: 433664
URI: <http://hdl.handle.net/1813/3141> Visits: 113

AU: Houle, Paul TI: Implementing Universal Accessibility KW: accessibility; usability; ltef; www IssD: 2006-06-06 Pub: Publisher:
ABS: Collection: Articles, Preprints, and Presentations by CUL Staff
File: Implementing Universal Accessibility.ppt Desc: Description: Size: 9484288
URI: <http://hdl.handle.net/1813/3142> Visits: 96

AU: Houle, Paul; Hoyt, Peter TI: Migrating Commonspot Sites KW: commonspot; oracle IssD: 2006-06-06 Pub: Publisher:
ABS: This presentation, given at the Cornell Commonspot SIG meeting on March 22, 2006, addresses issues we discovered in moving sites from a test to production server. Content is stored in a per-site Oracle schema, while user identifiers are defined in a per-server schema. When migrating, it's necessary to update user identifiers in the site database. Peter Hoyt and Paul Houle developed a Perl script that examines the database structure, identifies fields that contain user identifiers, and maps them from the old to new server. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Migrating Commonspot Sites.ppt Desc: Description: Size: 382976
URI: <http://hdl.handle.net/1813/3143> Visits: 107

AU: Houle, Paul; Revels, Ira TI: Demo Slides for "Novel Catalog Tutorial" KW: opac; catalog; instruction; tutorial; http proxy; web applications IssD: 2006-06-13 Pub: Publisher:
ABS: This presentation consists of demonstration slides given at the Endeavor Mid-Atlantic user group in October 2004 at Syracuse University by Paul Houle and Ira Revels. This presentation shows an instruction application layered over the OPAC by a PHP application running on a transparent http proxy server. The application can display instructions for the user, monitor the users progress, reward the user for

successful completion or give the user additional hints as to how complete a task
Collection: Articles, Preprints, and Presentations by CUL Staff
File: demo_slides.ppt Desc: Description: Size: 774144
URI: <http://hdl.handle.net/1813/3204> Visits: 90

AU: Keen, Sarah TI: Home Economics - More Than Meets the Eye OR The Challenges in Organizing and Describing the Records of an Evolving Organization KW: Home economics; Archives - processing; American Association of Family and Consumer Sciences; American Home Economics Association IssD: 2006-03-02 Pub: Publisher:
ABS: This presentation addresses the challenges encountered in organizing and describing the records of the American Association of Family and Consumer Sciences, an active and evolving organization. The original talk included examples from the archival collection, which was transferred to the Division of Rare and Manuscript Collections in the summer of 2004. The presentation also discusses the history of the AAFCS and a few of its connections to Cornell, past and present. Collection: Articles, Preprints, and Presentations by CUL Staff
File: RMC_pres_Feb2006B.ppt Desc: Description: Size: 5165568
URI: <http://hdl.handle.net/1813/2657> Visits: 659

AU: Kehoe, William R TI: LOCKSS at Cornell KW: LOCKSS; digital preservation; DLF; Digital Library Federation IssD: 2005-04-15 Pub: Publisher:
ABS: A 15-minute presentation on the experience of hosting a LOCKSS cache (Lots of Copies Keep Stuff Safe) at Cornell University Library during 2003-2005, from the technical point of view. Collection: Articles, Preprints, and Presentations by CUL Staff
File: LOCKSS at Cornell.ppt Desc: Description: Size: 149504
URI: <http://hdl.handle.net/1813/1085> Visits: 781

AU: Kenney, Anne TI: Future of Public Services presentation for Academic Assembly KW: public services IssD: 2006-02-02 Pub: Publisher:
ABS: In this audio recording of the presentation given to Academic Assembly on Feb. 2, 2006, Anne Kenney, AUL for Instruction, Research, and Information Services, shares her vision of the future of public services over the next five years. Collection: Articles, Preprints, and Presentations by CUL Staff
File: kenney_future_pubservices_2-2-06.mp3 Desc: Description: Size: 41799168
URI: <http://hdl.handle.net/1813/2634> Visits: 489

AU: Kurth, Martin TI: Catalogers Wanted: Metadata Practice in the Web Era KW: metadata; metadata practice; library cataloging; digital libraries IssD: 2005-11-21 Pub: Publisher:
ABS: Collection: Articles, Preprints, and Presentations by CUL Staff
File: NELINETKurth051118.pdf Desc: Description: Size: 435423
URI: <http://hdl.handle.net/1813/2501> Visits: 624

AU: Kurth, Martin TI: Using MARC Repurposing to Initiate a Metadata Management Design KW: metadata management; metadata mapping; metadata transformation; MARC metadata; digital libraries IssD: 2005-06-02 Pub: Publisher:
ABS: Collection: Articles, Preprints, and Presentations by CUL Staff
File: Kurth_MARC_ALCTS2005_Public.ppt Desc: Description: Size: 1166848
URI: <http://hdl.handle.net/1813/1457> Visits: 1547

AU: Kurth, Martin TI: Establishing a Metadata Service KW: Metadata; Library technical services IssD: 2006-03-03 Pub: Publisher:

ABS: Presentation on establishing a metadata service in a library technical services operation, given to the Association for Library Collections and Technical Services Leadership Development Committee, January 2003, Philadelphia, PA. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/2663> Visits: 452

AU: Kurth, Martin TI: Three Years Later: Lessons Learned from Establishing a Metadata Service KW: Metadata; Library services IssD: 2004-11-05 Pub: Publisher:

ABS: Discusses the development of a metadata services unit at the Cornell University Library. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Kurth_20041105.ppt Desc: Description: Size: 349184

URI: <http://hdl.handle.net/1813/1479> Visits: 708

AU: Kurth, Martin TI: Implementing "Find Articles": A Low Altitude View of Metasearching KW: Federated searching IssD: 2004-04 Pub: Publisher:

ABS: Provides an overview of "Find Articles," Cornell University Library's federated searching solution. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Kurth_200404.ppt Desc: Description: Size: 621056

URI: <http://hdl.handle.net/1813/1489> Visits: 686

AU: Kurth, Martin TI: A Practical Introduction to XML in Libraries KW: XML; Dublin Core; MARC; Metadata IssD: 2004-10-22 Pub: Publisher:

ABS: Gives a functional overview of XML, discusses one use of XML at Cornell, describes the conversion of MARC to XML, and shows what a Dublin Core XML record looks like. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Kurth_20041022.ppt Desc: Description: Size: 247296

URI: <http://hdl.handle.net/1813/1480> Visits: 706

AU: Kurth, Martin; Nehler, Greg; Silterra, Rick TI: Using Controlled Vocabularies to Manage Resource Relationships: The KMODDL Experience KW: application profiles; kinematics; bibliographic relationships; controlled vocabularies; encoding schemes; Functional Requirements for Bibliographic Records IssD: 2005-07 Pub: Publisher:

ABS: The Kinematic Models for Design Digital Library (KMODDL) exemplifies digital collections in which groups of objects are versions of the same resource and which resources are related to one another taxonomically. Other objects in the collection are supplementary materials that explicitly cite the primary KMODDL resources. To manage the complex relationships among KMODDL objects while maintaining the DC one-to-one principle, metadata developers established controlled vocabulary encoding schemes that linked related objects. The solution implemented enables users to find all versions of a resource and all supplementary materials that cite the resource in a single search. Collection: Articles, Preprints, and Presentations by CUL Staff

File: KMODDL Metadata Vocabularies_5.pdf Desc: Description: Size: 365315

URI: <http://hdl.handle.net/1813/2527> Visits: 381

AU: Kurth, Martin; Nehler, Greg; Silterra, Rick TI: Using Controlled Vocabularies to Manage Resource Relationships: The KMODDL Experience KW: Application profiles; kinematics; bibliographic relationships; controlled vocabularies; encoding schemes; Functional Requirements for Bibliographic Records IssD: 2005-04-07 Pub: Publisher:
ABS: The Kinematic Models for Design Digital Library (KMODDL) exemplifies digital collections in which groups of objects are versions of the same resource and which resources are related to one another taxonomically. Other objects in the collection are supplementary materials that explicitly cite the primary KMODDL resources. To manage the complex relationships among KMODDL objects while maintaining the DC one-to-one principle, metadata developers established controlled vocabulary encoding schemes that linked related objects. The solution implemented enables users to find all versions of a resource and all supplementary materials that cite the resource in a single search. Collection: Articles, Preprints, and Presentations by CUL Staff
File: license.txt Desc: Description: Size: 1796
URI: <http://hdl.handle.net/1813/699> Visits: 1743

AU: Kurth, Martin; Nehler, Greg; Silterra, Rick TI: Using Controlled Vocabularies to Manage Resource Relationships: The KMODDL Experience KW: Application profiles; kinematics; bibliographic relationships; controlled vocabularies; encoding schemes; Functional Requirements for Bibliographic Records IssD: 2005-09-09 Pub: Publisher:
ABS: The Kinematic Models for Design Digital Library (KMODDL) exemplifies digital collections in which groups of objects are versions of the same resource and which resources are related to one another taxonomically. Other objects in the collection are supplementary materials that explicitly cite the primary KMODDL resources. To manage the complex relationships among KMODDL objects while maintaining the DC one-to-one principle, metadata developers established controlled vocabulary encoding schemes that linked related objects. The solution implemented enables users to find all versions of a resource and all supplementary materials that cite the resource in a single search. Collection: Articles, Preprints, and Presentations by CUL Staff
File: KurthDC2005.ppt Desc: Description: Size: 1230848
URI: <http://hdl.handle.net/1813/2185> Visits: 520

AU: Kurth, Marty TI: Getting Started with Metadata in ENCompass KW: Digital libraries; Metadata IssD: 2006-05-19 Pub: Publisher:
ABS: Presentation on the configuration and use of metadata in the ENCompass digital library management system. Given at the at the Mid-Atlantic Voyager Users Group Meeting, Ithaca, New York, October 28, 2002. Collection: Articles, Preprints, and Presentations by CUL Staff
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/3034> Visits: 110

AU: Kurth, Marty; (Young) Chandler, Sarah TI: Addressing Mixed Granularity in Cross-Collection Searching KW: Digital libraries; Cross-collection searching IssD: 2006-05-19 Pub: Publisher:
ABS: Presentation on searching across digital library collections of mixed granularity. Given at the Digital Library Federation Fall Forum, Pittsburgh, Pennsylvania, November 17, 2001. Collection: Articles, Preprints, and Presentations by CUL Staff
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/3030> Visits: 98

AU: Paulson, Joy; Rupp, Nathan TI: Opportunities for Collaboration: The Hearth Project
KW: Digital libraries; Home economics; Preservation; Metadata; Collaboration
IssD: 2004-04 Pub: Publisher:

ABS: Provides an overview of the cross-functional team approach to the development of the HEARTH (Home Economics Archive: Research, Tradition and History) project at Cornell University's Mann Library. HEARTH's development involved staff from the Library's public services, technical services, collection development, information technology, and preservation departments. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Paulson_Rupp_200404.ppt Desc: Description: Size: 1563648

URI: <http://hdl.handle.net/1813/1483> Visits: 523

AU: Powell, Jill; Patterson, Mary; Koltay, Zsuzsa; Bryan, Linda TI: Creating an Integrated Public Services Desk - A Piece of Cake?
KW: Integration; Library Services; Merging; Reference Services; Access Services; Circulation Services
IssD: 2005-09-12 Pub: Publisher:

ABS: This was presented on May 23, 2005 for Professional Development Week of Cornell University Library. The panel discussed the integration of access and reference services into a single public services desk. The speakers presented the goals and objectives for unifying the desks, methods of team building among the staff, and the impact of desk scheduling. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1796

URI: <http://hdl.handle.net/1813/2187> Visits: 400

AU: Rosenkrantz, Marcy TI: The What, Where, Why, and How of Institutional Repositories
KW: institutional repositories; arxiv; dspace; self-archiving
IssD: 2005-11-07 Pub: Publisher:

ABS: In this talk I present a general definition of an institutional repository and proceed to discuss several instances of them at various institutions. We'll view them as responses to the crisis in scholarly communications, as ways to promote student and faculty research, and we'll discuss the way faculty view such repositories. Following that I'll discuss two such repositories at Cornell and we'll also look at arXiv.org, focusing on why the latter disciplinary repository is so wildly successful and the former two significantly less so. We will also look specifically at CUL's implementation of DSpace and discuss factors such as acceptance, use, implementation, and costs and what they may imply for the use of institutional repositories at other institutions. Collection: Articles, Preprints, and Presentations by CUL Staff

File: HLA.pdf Desc: Description: Size: 2116202

URI: <http://hdl.handle.net/1813/2462> Visits: 578

AU: Rosenkrantz, Marcy TI: CUL's Institutional Repositories
KW: digital repository; institutional repository; DSpace; DPUBS; techreports; arXiv; Cornell University Library; digital preservation; scholarly communication; OAIS
IssD: 2005-07-13 Pub: Publisher:

ABS: This presentation was made at a LITA panel on Institutional Repositories at the Annual ALA meeting in Chicago, IL on June 27, 2005. In it, I discuss the use at Cornell of such repositories as DSpace, techreports, and arXiv.org to address the crisis in scholarly communications, and as producer repositories for an OAIS digital

preservation system at CUL. Collection: Articles, Preprints, and Presentations by CUL Staff

File: CUL Institutional Repositories for ALA.pdf Desc: Description: Size: 108779

URI: <http://hdl.handle.net/1813/2092> Visits: 987

AU: Rosenkrantz, Marcy E. TI: Advances in Scholarly Communication: Institutional Repositories KW: Institutional Repository; DSpace; Open Access Repository IssD: 2006-03-15 Pub: Publisher:

ABS: How do you make your research available to the widest possible public? How do you and others in your field measure its influence? How do you preserve it for the future? This semester Mann library is offering a series of presentations that deal with these pressing questions p Collection: Articles, Preprints, and Presentations by CUL Staff

File: Institutional Repositories--instructional services.pdf Desc: Description: presentation Size: 132422

URI: <http://hdl.handle.net/1813/2703> Visits: 446

AU: Rosenkrantz, Marcy E. TI: Cornell Library's Institutional Repositories KW: Open Access; Institutional Repository IssD: 2006-02-01 Pub: Publisher:

ABS: This is a pdf file of a presentation made to representatives of the Hiroshima University Library. The presentation was made at the Cornell University Library (CUL) on February 1, 2006. Its subject matter concerns CUL's various repositories used to promote and support open access to scholarly output: <http://techreports.library.cornell.edu>, <http://dspace.library.cornell.edu>, and <http://www.arxiv.org> Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1802

URI: <http://hdl.handle.net/1813/2633> Visits: 421

AU: Rupp, Nathan; Andrews, Camille TI: Keeping Current on Research and News in Less Time KW: RSS; Blogs; Social Bookmarking IssD: 2006-02-28 Pub: Publisher:

ABS: Provides an overview of RSS feeds, blogs, and social bookmarking. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Keeping Current-final.ppt Desc: Description: Size: 2809856

URI: <http://hdl.handle.net/1813/2650> Visits: 284

AU: Rupp, Nathan; Steinhart, Gail TI: Keeping Current with RSS KW: RSS IssD: 2006-01-04 Pub: Publisher:

ABS: Introduction to RSS and its uses. Collection: Articles, Preprints, and Presentations by CUL Staff

File: RSS.ppt Desc: Description: Size: 2420224

URI: <http://hdl.handle.net/1813/2600> Visits: 767

AU: Thomas, Sarah TI: Grand and Granular Challenges for Research Libraries: Cornell's Priorities, Library Goals, and the Big, Bright Future KW: Cornell University Library; Libraries -- Planning; Libraries -- Future IssD: 2006-05-11 Pub: Publisher:

ABS: Recording of a talk given by Sarah Thomas, Cornell University Librarian, at the May 4, 2006, Cornell University Library Academic Assembly about the priorities and goals of CUL and the future of research libraries in general. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Sarah5_4_06.mp3 Desc: Description: Size: 11288576
URI: <http://hdl.handle.net/1813/3010> Visits: 158

AU: Thomas, Sarah TI: Using the Portal for the Discovery of Discipline-Based Electronic Resources KW: portal; cataloging; digital libraries; electronic resources IssD: 2001-10 Pub: Publisher:

ABS: Contemporary society is at once omnivorous and highly selective. People today are coming to expect to have all manner of products and services at their fingertips, and simultaneously, they want them customized for a particular individual. You can order Levi's jeans programmed to your personal body specifications and conceivably, you could choose from any textile in the world to make a totally unique pair of pants. Nick Donatiello, president of Odyssey, a marketing research firm, speaking at the JSTOR American Library Association June 2001 meeting, noted the struggle of the big TV networks to retain market share in a world in which the consumer increasingly prefers to view content he has profiled to watch at his convenience. Since we can now access hundreds of channels through cable and satellite, the consumer wants a tool to filter the diverse content available. New devices such as TiVo enable viewers to create "My channel" through a definition of preferences. The software interprets the viewer's preferences from this profile and independently identifies categories of programs which are consistent with the consumer's taste and previous selections. In the world of books, we are familiar with this feature from Amazon's "Customers who bought this book also bought.." Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1790
URI: <http://hdl.handle.net/1813/2879> Visits: 108

AU: Thomas, Sarah TI: Abundance, Attention, and Access: Of Portals and Catalogs KW: portal; catalog; digital library IssD: 2000-10 Pub: Publisher:

ABS: The world's information resources are abundant, but time is a scarce commodity. The ideal discovery tool, therefore, is one which consults omnivorously, but which returns a selection of relevant results in rapid sequence. Searchers find what they need promptly without having to wade through a vast assortment of tangentially related, inaccurate, or otherwise deficient data. It costs little to build and operate, and it yields a high degree of user satisfaction because it delivers reliable information in a timely manner with relative ease. Such a tool is still imaginary, although it could become a reality in the near future if librarians organize themselves appropriately and commit the resources to design it. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1790
URI: <http://hdl.handle.net/1813/2878> Visits: 165

AU: Thomas, Sarah TI: The Catalog as Portal to the Internet KW: digital library; portal; catalog IssD: 2001 Pub: Publisher:

ABS: This paper examines the potential of the catalog to serve as a portal to the Internet. It commences with a brief overview of the development of the catalog, details the attributes and limitations of library catalogs, and defines the concept of the portal. Finally, it offers proposals to respond to the dilemma of librarians about providing access to the expanding universe of information and knowledge. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1790
URI: <http://hdl.handle.net/1813/2877> Visits: 105

AU: Thomas, Sarah TI: Library Environments and Organization: Opportunities or Constraints? KW: library structure; digital resources; digital libraries; library organization IssD: 2002-12 Pub: Publisher:

ABS: This paper addresses libraries as facilities, how library facilities are changing as a result of changes in the environment in which they find themselves, how those changes sometimes affect library organization, and how changes in library organizations affect library design. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1790

URI: <http://hdl.handle.net/1813/2923> Visits: 119

AU: Thomas, Sarah TI: Think Globally, Act Locally: Electronic Resources and Collection Development KW: libraries; electronic resources; collection development; collaboration IssD: 2002 Pub: Publisher:

ABS: Despite numerous cooperative collection development endeavors, the building of library collections has remained a highly individual and local practice. The physicality of bound volumes has posed a distinct limitation on our ability to share collections, although libraries have made huge strides in recent years. Electronic resources and the ability to digitize our physical holdings offer the potential to redirect our investments in collection building to the creation of a global network that would serve an international community of scholars. By facilitating the creation of disciplinary-based portals to knowledge resources, librarians can channel their efforts to the benefit of many without sacrificing the quality of local relationships. To accomplish this, libraries need to develop collectively built and managed web sites that supplant the need for autonomous, selector-created ?webliographies? and that greatly expand the number of sources that can be identified and described. Selectors, freed of the individual responsibility to shoulder the increasingly heavy, and ultimately unsustainable load of tracking a proliferation of resources in a variety of formats and states of publication, can turn their attention to the capture of more elusive, but important, material; to more detailed evaluation of the use of information resources; toward improvements in the user interface of portals; or toward the transformation of scholarly communication, with the discipline-based portal serving as a magnet for attracting new forms of scholarly thought and research. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Think Globally Desc: Description: 5700692, Size: Act Locally.pdf

URI: <http://hdl.handle.net/1813/2866> Visits: 199

AU: Thomas, Sarah TI: Collaborating for Fun and Profit: Confessions of an Ex-Cataloger KW: catalog; digital library IssD: 1999 Pub: Publisher:

ABS: none. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Collaborating for Fun and Profit - Confessions of an Ex-Cataloger.pdf Desc: Description: Size: 5308691

URI: <http://hdl.handle.net/1813/2924> Visits: 149

AU: Thomas, Sarah TI: On the Centennial of Peking University: Will Electronic Records Created Today Survive to the Bicentennial? KW: digital library; electronic records; access; digital archive IssD: 1998 Pub: Publisher:

ABS: Electronic records are becoming an increasingly important source of documentation of university administrative, legal, political, and historical activity. University libraries, as the home of archives, must take a leadership role in

understanding the characteristics of electronic records, facilitating their transfer, description, and securing their long-term access. Collection: Articles, Preprints, and Presentations by CUL Staff

File: On the Centennial of Peking University - Will Electronic Records Created Today Survive to the Bicentennial.pdf Desc: Description: Size: 2054764

URI: <http://hdl.handle.net/1813/2925> Visits: 144

AU: Thomas, Sarah TI: From Double Fold to Double Bind KW: digital preservation; libraries; digital archiving IssD: 2002-05 Pub: Publisher:

ABS: Academic libraries see digital preservation as part of their fundamental mission to guarantee enduring access to the record of civilization's accomplishments and discoveries. The nature of digital documents presents unique complications which challenge a library's ability to assure long-term availability. Publishers view electronic backfiles as economic assets, and libraries do not control the physical object. Agreements between publishers and libraries require reaching an understanding on technical issues, the degree of access to the data held in a digital repository, and on the financial responsibility for preservation. This paper describes some of the efforts underway in the United States to establish standards for repositories and to implement digital archiving for electronic journals. Collection: Articles, Preprints, and Presentations by CUL Staff

File: From Double Fold to Double Bind.pdf Desc: Description: Size: 3933885

URI: <http://hdl.handle.net/1813/2861> Visits: 189

AU: Thomas, Sarah TI: Quality in Bibliographic Control KW: bibliographic control; cataloging; libraries IssD: 1996 Pub: Publisher:

ABS: The Quality of cataloging is an issue that has engendered much discussion over decades of bibliographic control. Juxtaposed against the standard of full, accurate, and timely bibliographic records is the pressure to produce reliable access in a cost-effective manner. In reviewing the definition of quality at the Library of Congress (LC), the relationship of quality cataloging to copy cataloging, minimal level cataloging, the core bibliographic record, and outsourcing, the author concludes that the definition of quality is dynamic and dependent on the values and needs of catalog users. Collection: Articles, Preprints, and Presentations by CUL Staff

File: license.txt Desc: Description: Size: 1790

URI: <http://hdl.handle.net/1813/2669> Visits: 225

AU: Thomas, Sarah TI: Advancing Scholarship Through Library Collaboration KW: Libraries; Collaboration; Scholarship IssD: 2005-08-23 Pub: Publisher:

ABS: This paper traces the history of library cooperation, from early attempts such as the Farmington Plan through successes in tech services and collection development, and from national to international cooperation. The author suggests that the only way libraries can now successfully confront the societal and economic pressures they are now facing is through continued cooperation. This continued cooperation might be realized in the creation of regional repositories, the pooling of information and data, or continued collaboration with creators of information via open access and institutional repositories. Every division of the library, including acquisitions, cataloging, and digitization, will need to be involved in this continued collaboration for the library to continue its success in the twenty-first century. Collection: Articles, Preprints, and Presentations by CUL Staff

File: ThomasMittler.doc Desc: Description: Size: 55808
URI: <http://hdl.handle.net/1813/2174> Visits: 1866

AU: Thomas, Sarah TI: Building Today for a Better Tomorrow KW: sustainability; preservation IssD: 2006-04-28 Pub: Publisher:
ABS: none. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Building Today for a Better Tomorrow.doc Desc: Description: Size: 34304
URI: <http://hdl.handle.net/1813/2926> Visits: 212

AU: Turner, Tom TI: ENCompass at Cornell:History and Next Steps KW: Digital libraries IssD: 2006-05-19 Pub: Publisher:
ABS: Presentation on the Cornell University Library's use of the ENCompass digital library management system. Given at the Voyager Users Group Meeting, Chicago, Illinois, April 2001. Collection: Articles, Preprints, and Presentations by CUL Staff
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/3033> Visits: 116

AU: Viele, Pat TI: Tips for Evaluating Web Sites KW: Internet searching IssD: 2005-06-17
Pub: Publisher:
ABS: For better or worse, the web has become an integral part of our lives. As a central repository for information, the web can greatly enrich institutions that have limited resources at their disposal. The good news is that the size of the web is estimated at three-billion documents. That is also the bad news. The sheer size of the monster gives one pause. How can one possibly find relevant information in the morass? More importantly, how can one evaluate the information found? Help is readily available. Collection: Articles, Preprints, and Presentations by CUL Staff
File: Tips for evaluating web sites.ppt Desc: Description: Size: 750592
URI: <http://hdl.handle.net/1813/1485> Visits: 847

AU: Viele, Pat TI: Mining the Internet Tutorial KW: Internet searching IssD: 2005-08-22
Pub: Publisher:
ABS: The Internet and the World Wide Web have made it very easy to make information widely accessible. Although search engines can be very useful, there are other searching options. During this session, I will demonstrate many helpful websites and, if time permits, respond to participant's research questions. Collection: Articles, Preprints, and Presentations by CUL Staff
File: aaptaug05.ppt Desc: Description: PowerPoint presentation Size: 1358848
URI: <http://hdl.handle.net/1813/2172> Visits: 573

AU: Viele, Pat TI: Understanding the Research and Teaching Needs of Physics Faculty KW: physics; outreach IssD: 2005-06-19 Pub: Publisher:
ABS: Traditionally, physicists have not been big users of libraries. Now that so much of the information they need is on-line, interactions between faculty and librarians have become few and far between. Here are some of the ways that I have built connections with the physics community at Cornell and beyond. Collection: Articles, Preprints, and Presentations by CUL Staff
File: SLA05.ppt Desc: Description: Size: 95232
URI: <http://hdl.handle.net/1813/1487> Visits: 675

AU: Viele, Pat TI: BOCES workshop Science Web Sources KW: science sources; WWW
IssD: 2005-10-12 Pub: Publisher:

ABS: Recently I demonstrated some starting places for teachers to find good science information on the Internet. Categories of sites include: professional societies, government agencies, institutions offering professional development for science teachers, public television, and digital libraries among others. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Web Sites Mentioned at BOCES.doc Desc: Description: Size: 37888

URI: <http://hdl.handle.net/1813/2238> Visits: 610

AU: Viele, Pat TI: Mining the Internet KW: Internet searching; Science IssD: 2005-09-16
Pub: Publisher:

ABS: This brief review of good starting places for web searches was later published in Physics Education' Collection: Articles, Preprints, and Presentations by CUL Staff

File: IOParticle.doc Desc: Description: Size: 29184

URI: <http://hdl.handle.net/1813/2199> Visits: 507

AU: Viele, Pat TI: Sample Web Site Evaluation Form KW: Web site evaluation IssD:
2005-06-17 Pub: Publisher:

ABS: This is a sample form for the purpose of evaluating a web site. Collection: Articles, Preprints, and Presentations by CUL Staff

File: web-evaluation.doc Desc: Description: Size: 20992

URI: <http://hdl.handle.net/1813/1486> Visits: 867

AU: Viele, Pat; Wheeler, Richard TI: Internet Assignments Physics 213 KW: Internet
searching; Physics IssD: 2005-10-27 Pub: Publisher:

ABS: These assignments were 5% of the grade for Physics 213 taught at Cornell during the summer of 2005. Collection: Articles, Preprints, and Presentations by CUL Staff

File: InternetAssignments05.doc Desc: Description: Size: 51200

URI: <http://hdl.handle.net/1813/2274> Visits: 517

AU: Wicks, Scott TI: One-Step Shopping, One-Stop Shipping: ITSO CUL KW:
Acquisitions IssD: 2004-10 Pub: Publisher:

ABS: Discusses ITSO CUL (Integrated Tool for Selection and Ordering), a software program designed at Cornell University Library to facilitate improved acquisition of library materials. Collection: Articles, Preprints, and Presentations by CUL Staff

File: Wicks_200410.ppt Desc: Description: Size: 819712

URI: <http://hdl.handle.net/1813/1484> Visits: 577

AU: Hay, Jordan O.; Spanswick, Roger M. TI: Rice Panicle Topology Toolbox for Matlab
(R) KW: architecture; caryopsis; grain; Matlab; Oryza sativa; panicle; rice; ripening;
topology IssD: 2006-05 Pub: Publisher:

ABS: The Rice Panicle Topology Toolbox for Matlab(R) was developed to support the analysis of panicle topology and ripening. You can encode, represent and evaluate topologically variable grain traits in a panicle using arrays and graphs. The compressed (zipped) folder contains the toolbox of 14 functions and the demo EXAMPLE.m. Also included are 39 raw data text files and PAPER.m, which reproduce the results in Hay, J.O. and Spanswick, R.M. (2006) Computational analysis of rice (*Oryza sativa* L.) panicle topology and ripening. Seed Science Research (in press). See the README.txt file for

more information and for instructions on transferring the toolbox to a directory that can be accessed by Matlab (R). Collection: BEE - Papers, Research and Monographs
File: README.txt Desc: Description: README File Size: 6143
URI: <http://hdl.handle.net/1813/3105> Visits: 121

AU: Isbell, Billie Jean TI: De inmaduro a duro: lo simbolico femenino y los esquemas andinos de genero KW: Feminine Symbolic; Gender; Chuschi; Andean Culture; Peru; Sexuality; Fertility; Ritual IssD: 1997 Pub: Publisher:

ABS: My motivation for writing this chapter is to call attention to a 'Feminine Symbolic' that I believe constitutes the core of Andean conceptualizations of gender. The argument that I will present is as follows: The feminine, as an abstraction, is an unmarked category, whereas the masculine is elaborated, or marked. In addition, androgyny is a primary force in the continual recreation and reproduction of the world motivated by female sex and desire, not by biological reproduction. Such a gender schema provides an alternative to Lacan's symbolic which makes patriarchy seem inevitable. The second half of this analysis deals with ethnographic materials largely drawn from my fieldwork in the village of Chuschi, department of Ayacucho, Peru in the 1970's. I examine gender formation along the life course and into the after-life. Collection: Billie Jean Isbell Andean Collection

File: Mas_Alla_del_Silencio.pdf Desc: Description: Spanish Version Size: 5432331
URI: <http://hdl.handle.net/1813/2474> Visits: 664

AU: Isbell, Billie Jean TI: Public Secrets from Peru KW: Peru; Andean Culture; Political Violence; Protest Art; Political Drama; Disappeared Persons; Terrorism IssD: 2005-09-14 Pub: Publisher:

ABS: In deciding to create a drama abo Collection: Billie Jean Isbell Andean Collection
File: Public_Secrets.pdf Desc: Description: Size: 2690376
URI: <http://hdl.handle.net/1813/2196> Visits: 757

AU: Isbell, Billie Jean TI: Culture Confronts Nature in the Dialectical World of the Tropics KW: Astronomy; Ethnoastronomy; Archaeoastronomy; Mesoamerica; Indigenous Societies; American Tropics; Zenith; Nadir; Anthropology IssD: 1982 Pub: Publisher:

ABS: As an anthropologist, I would like to suggest that the tropics provide a perceptual environ Collection: Billie Jean Isbell Andean Collection
File: Culture_Confronts_Nature.pdf Desc: Description: Size: 2449859
URI: <http://hdl.handle.net/1813/2193> Visits: 483

AU: Isbell, Billie Jean TI: To Defend Ourselves, Ecology & Ritual in an Andean Village KW: Ritual; Ecology; Andes; Peru; Chuschi; Anthropology; Ethnography; Andean; Quechua; Herranza IssD: 2005-08-05 Pub: Publisher:

ABS: The ethnography, To Defend Ourselves, describes a series of rituals that maintain social structure and practices in the community of Chuschi, Peru. It was first published in 1978, with a second edition published in 1985 and a Spanish edition due out in the fall, 2005. Collection: Billie Jean Isbell Andean Collection
File: license.txt Desc: Description: Size: 1802
URI: <http://hdl.handle.net/1813/2135> Visits: 960

AU: Isbell, Billie Jean TI: Violence in Peru: Performances and Dialogues KW: Andean Culture; Peru; Political Violence; Chuschi; Protest art; Protest songs; Quechua Culture; Arpilleras; Tablas; Retablos IssD: 1998 Pub: Publisher:

ABS: I wish not only to influence my readers' perceptions of the political violence that has shaken Peru in the last decade and a half, Collection: Billie Jean Isbell Andean Collection

File: Violence_In_Peru.pdf Desc: Description: Size: 11266813

URI: <http://hdl.handle.net/1813/2195> Visits: 645

AU: Isbell, Billie Jean; Franquemont, Christine; Franquemont, Edward M. TI: Awaq nawin: el ojo del tejedor, la practica de la cultura en el tejido KW: Andean Culture; Peru; Sociedad Cient?fica Andina de Folklore; Civilization; Periodicals IssD: 1992-07 Pub: Publisher:

ABS: Collection: Billie Jean Isbell Andean Collection

File: Awaq_nawin.pdf Desc: Description: Size: 13481334

URI: <http://hdl.handle.net/1813/2270> Visits: 590

AU: Isbell, Billie Jean; Roncalla, Fredy Amilcar TI: The Ontogenesis of Metaphor: Riddle Games among Quechua Speakers Seen as Cognitive Discovery Procedures KW: Quecha Language; Peru; Metaphor; Riddles; Ayacucho; Andean Culture IssD: 1977 Pub: Publisher:

ABS: Metaphor, it is argued, plays an important function in cognitive and semantic development of Quechua-speaking children who engage in riddle games. It appears that riddling among the Quechua functions as a discovery procedure as children expand their cognitive operative structures and semantic domains. Collection: Billie Jean Isbell Andean Collection

File: Ontogenesis_of_Metaphor.pdf Desc: Description: Size: 3560744

URI: <http://hdl.handle.net/1813/2271> Visits: 644

AU: Sam, Crowe TI: Purple Gallinule KW: purple; gallinule IssD: 2006-03-27 Pub: Publisher:

ABS: Photographed on South Padre Island, Texas. Collection: Bird Photography by Sam Crowe

File: purple_gallinule.jpg Desc: Description: Size: 99046

URI: <http://hdl.handle.net/1813/2724> Visits: 319

AU: Sam, Crowe TI: Fulvous Whistling-Duck KW: whistling; duck IssD: 2006-03-27 Pub: Publisher:

ABS: Photographed on Galveston Island, Texas. Collection: Bird Photography by Sam Crowe

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/2725> Visits: 281

AU: Brixey, Shawn TI: Rockefeller New Media Foundation Proposal KW: Media Art; Art; Technology; Video; Installation; Science; sonoluminescence; Internet; Telepresence IssD: 2006-06-29 Pub: Publisher:

ABS: "Eon" is a new work in progress that uses the rare phenomenon of sonoluminescence (the process by which intense sound energy in liquid can be converted

directly into visible light) and the Internet to extend my current artistic research in the field of telepresence, telepistemology and emulation. Collection: Brixey, Shawn
File: Brixey_Shawn.pdf Desc: Description: Size: 2442772
URI: <http://hdl.handle.net/1813/3239> Visits: 65

AU: Castro, Jorge TI: Rockefeller New Media Foundation Proposal KW: New Media Art; Sound; Video; Technology; Conceptual Art; Language IssD: 2006-06-30 Pub: Publisher:
ABS: Collection: Castro, Jorge
File: Castro_Jorge.pdf Desc: Description: Size: 1251470
URI: <http://hdl.handle.net/1813/3246> Visits: 45

AU: TI: Chemistry Faculty Files KW: Horses; Diseases; Case studies IssD: 2006-04-28
Pub: Publisher:
ABS: A 2-year-old Arabian filly, Collection: Chemistry Faculty (open)
File: culogo_web_60red.gif Desc: Description: Size: 2356
URI: <http://hdl.handle.net/1813/2922> Visits: 206

AU: TI: 02-398*A Hosta 'Platinum Tiara' KW: Hosta; Platinum Tiara IssD: 2003-07-07
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 02-398A_FL.jpg Desc: Description: Size: 302127
URI: <http://hdl.handle.net/1813/1526> Visits: 118

AU: TI: 99-385*A Hosta 'Geisha' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 99-385A_PL.jpg Desc: Description: Size: 602710
URI: <http://hdl.handle.net/1813/1635> Visits: 704

AU: TI: 95-044*B Magnolia 'Gold Star' KW: Magnolia; Gold Star; Magnoliaceae; Magnolia; Comstock Knoll; Roslyn Nursery IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-044B_FL.jpg Desc: Description: Image of Flower Size: 264313
URI: <http://hdl.handle.net/1813/763> Visits: 145

AU: TI: 76-209*A Rhododendron 'Windbeam' AWARD OF EXCELLENCE KW: Rhododendron; Windbeam; Ericaceae; Award of Excellence; Baldsiefen Nurseries; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/932> Visits: 154

AU: TI: 97-006*A Rhododendron 'Molly Fordham' KW: Rhododendron; Molly Fordham; Ericaceae; Laughton Nursery; Comstock Knoll IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-006A_FL.jpg Desc: Description: Image of Flower Size: 297355
URI: <http://hdl.handle.net/1813/767> Visits: 162

AU: TI: 85-155*A Rhododendron 'Luxor' KW: Rhododendron; Luxor; Ericaceae; Rosalyn's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-155A_FL.jpg Desc: Description: Image of Flower Size: 436191
URI: <http://hdl.handle.net/1813/942> Visits: 120

AU: TI: 96-553*D Rhododendron 'Cunningham's White' KW: Rhododendron; Cunningham's White; Ericaceae; Comstock Knoll; Edgewood Nursery IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-553D_FL.jpg Desc: Description: Image of Flower Size: 361456
URI: <http://hdl.handle.net/1813/766> Visits: 179

AU: TI: 98-083*A Hosta 'Elephant Burgers' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 98-083A_PL.jpg Desc: Description: Size: 507164
URI: <http://hdl.handle.net/1813/1624> Visits: 119

AU: TI: 76-187*A Rhododendron 'Lodestar' KW: Rhododendron; Lodestar; Ericaceae; Baldsiefen Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 76-187A_FL.jpg Desc: Description: Image of Flower Size: 376171
URI: <http://hdl.handle.net/1813/1106> Visits: 139

AU: TI: 85-321*A Hosta 'Blue Skies' KW: Hosta; Blue Skies IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-321_PL.jpg Desc: Description: Size: 541238
URI: <http://hdl.handle.net/1813/1537> Visits: 94

AU: TI: 95-144*A Dryopteris dilatata 'Crispa Whiteside' KW: Polypodiaceae IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-144A_PL.jpg Desc: Description: Size: 546005
URI: <http://hdl.handle.net/1813/1573> Visits: 97

AU: TI: 86-267*A Disporum uniflorum KW: Disporum uniflorum; Disporum sessile ssp. flavins; Liliaceae; Fairy Bells; Korea; Siskiyou; Comstock Knoll IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-267A_FL.jpg Desc: Description: Image of Flower Size: 301916
URI: <http://hdl.handle.net/1813/759> Visits: 145

AU: TI: 94-141*A Rhododendron 'Summer Summit' KW: Ericaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 94-141A_FL.jpg Desc: Description: Size: 274438
URI: <http://hdl.handle.net/1813/1565> Visits: 100

AU: TI: 99-132*A *Magnolia sieboldii* KW: Magnoliaceae IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-132A_FL.jpg Desc: Description: Size: 288682

URI: <http://hdl.handle.net/1813/1629> Visits: 295

AU: TI: 99-397*A *Hosta 'Radiant Edger'* KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-397A_PL.jpg Desc: Description: Size: 456239

URI: <http://hdl.handle.net/1813/1637> Visits: 550

AU: TI: 95-147*A *Dryopteris cycadina* KW: Polypodiaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 95-147A_PL.jpg Desc: Description: Size: 597362

URI: <http://hdl.handle.net/1813/1575> Visits: 94

AU: TI: 96-484*A *Astrantia major 'Lars'* KW: Umbelliferae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-484_FL.jpg Desc: Description: Size: 354038

URI: <http://hdl.handle.net/1813/1595> Visits: 121

AU: TI: 96-554*B *Viburnum 'Chippewa'* KW: Caprifoliaceae IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-554B_PL.jpg Desc: Description: Size: 603602

URI: <http://hdl.handle.net/1813/1603> Visits: 94

AU: TI: 96-580*A *Dryopteris carthusiana* KW: Polypodiaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-580A_PL.jpg Desc: Description: Size: 528253

URI: <http://hdl.handle.net/1813/1608> Visits: 90

AU: TI: 97-530*A *Hosta 'Ginko Craig'* KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 97-530A_PL.jpg Desc: Description: Size: 530024

URI: <http://hdl.handle.net/1813/1619> Visits: 131

AU: TI: 96-564*B *Athyrium otophorum* KW: Polypodiaceae IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-564B_PL.jpg Desc: Description: Size: 512290

URI: <http://hdl.handle.net/1813/1604> Visits: 94

AU: TI: 87-374*A *Hosta lancifolia 'Albo-marginata'* KW: *Hosta lancifolia*; *Albo-marginata* IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-374_FL.jpg Desc: Description: Size: 348207
URI: <http://hdl.handle.net/1813/1547> Visits: 116

AU: TI: 96-510*A Hosta 'Jade Cascade' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-510A_FL.jpg Desc: Description: Size: 327408
URI: <http://hdl.handle.net/1813/1597> Visits: 109

AU: TI: 96-552*B Rhododendron 'Roseum Elegans' KW: Ericaceae IssD: 2003-06-13 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-552B_PL.jpg Desc: Description: Size: 647987
URI: <http://hdl.handle.net/1813/1602> Visits: 154

AU: TI: 94-134*A Rhododendron 'Hudson Bay' KW: Rhododendron; Hudson Bay;
Ericaceae; David Leach IssD: 2003-05-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/690> Visits: 160

AU: TI: 87-435*C Rhododendron metternichii 'Hall's Narrow Leaf' KW: Rhododendron
metternichii; Hall's Narrow Leaf; Ericaceae; Hall Nursery; Comstock Knoll IssD: 2003-
05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-435C_FL2.jpg Desc: Description: Image of Flower Size: 362752
URI: <http://hdl.handle.net/1813/762> Visits: 135

AU: TI: 78-074*A Rhododendron 'Spring Frolic' KW: Rhododendron; Spring Frolic;
Ericaceae; Baldsiefen Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 78-074A_FL.jpg Desc: Description: Image of Flower Size: 351926
URI: <http://hdl.handle.net/1813/933> Visits: 138

AU: TI: 97-319*A Rhododendron 'The General' KW: Rhododendron; The General;
Ericaceae; Carlson's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-319A_FL.jpg Desc: Description: Image of Flower Size: 366852
URI: <http://hdl.handle.net/1813/958> Visits: 180

AU: TI: 86-467*A Brunnera macrophylla 'Langtrees' KW: Brunnera macrophylla;
Langtrees; Boraginaceae; Siberian Bugloss; Bressingham; Comstock Knoll IssD: 2003-05-
15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-467A_FL.jpg Desc: Description: Image of Flower Size: 329999
URI: <http://hdl.handle.net/1813/769> Visits: 504

AU: TI: 86-366*A Rhododendron 'Rocket' KW: Rhododendron; Rocket; Ericaceae;
Rosalyn's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/951> Visits: 143

AU: TI: 86-043*C Rhododendron yakushimanum ssp. yakushimanum 'Mist Maiden'

KW: Rhododendron yakushimanum ssp. yakushimanum; Mist Maiden; Ericaceae;

Mowbray Gardens IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 86-043C_FL.jpg Desc: Description: Image of Flower Size: 395174

URI: <http://hdl.handle.net/1813/1088> Visits: 120

AU: TI: 97-478*A Hosta 'Purple Lady Finger' KW: Liliaceae IssD: 2003-07-08 Pub:

Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 97-478_PL.jpg Desc: Description: Size: 496009

URI: <http://hdl.handle.net/1813/1615> Visits: 108

AU: TI: 96-102*A Hydrangea macrophylla 'Winning Edge' KW: Saxifragaceae IssD:

2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-102A_FL.jpg Desc: Description: Size: 272504

URI: <http://hdl.handle.net/1813/1582> Visits: 96

AU: TI: 00-202*A Rhododendron 'White Peter' KW: Rhododendron; White Peter;

Ericaceae; Comstock Knoll; Roslyn Nursery IssD: 2002-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 00-202A_FL.jpg Desc: Description: Image of Flower Size: 371197

URI: <http://hdl.handle.net/1813/1100> Visits: 865

AU: TI: 82-262*A Pieris 'Brouwer's Beauty' KW: Pieris; Brouwer's Beauty; Ericaceae;

Weston Nursery; Comstock Knoll IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 82-262A_FL.jpg Desc: Description: Image of Flower Size: 391995

URI: <http://hdl.handle.net/1813/702> Visits: 210

AU: TI: 99-386*A Hosta 'Lady Isobel Barnett' KW: Liliaceae IssD: 2003-07-08 Pub:

Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-386A_PL.jpg Desc: Description: Size: 442814

URI: <http://hdl.handle.net/1813/1636> Visits: 691

AU: TI: 96-578*A Pulmonaria saccharata 'Leopard' Award of Garden Merit KW:

Pulmonaria saccharata; Leopard; Award of Garden Merit; Boraginaceae; Lungwort;

Sunny Bor. IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-578A_FL.jpg Desc: Description: Image of Flower Size: 404941

URI: <http://hdl.handle.net/1813/707> Visits: 142

AU: TI: 85-329*A Rhododendron 'Wyanokie' KW: Rhododendron; Wyanokie; Ericaceae; Ambleside Nursery IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/946> Visits: 128

AU: TI: 97-122*A Hosta 'Abiqua Drinking Gourd' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-122A_PL.jpg Desc: Description: Size: 508059
URI: <http://hdl.handle.net/1813/1611> Visits: 122

AU: TI: 02-399*A Hosta 'Leola Fraim' KW: Hosta; Leola Fraim IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 02-399A_PL.jpg Desc: Description: Size: 266777
URI: <http://hdl.handle.net/1813/1527> Visits: 153

AU: TI: 77-058*A Lilium henryi KW: Lilium henryi; Liliaceae; Henry Lily; Central China; G. Slate IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 77-058A_FL.jpg Desc: Description: Size: 228947
URI: <http://hdl.handle.net/1813/1529> Visits: 147

AU: TI: 96-545*A Hosta 'Whirlwind' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-545A_PL.jpg Desc: Description: Size: 548627
URI: <http://hdl.handle.net/1813/1601> Visits: 95

AU: TI: 97-533*A Hosta 'Shade Fanfare' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-533A_PL.jpg Desc: Description: Size: 483716
URI: <http://hdl.handle.net/1813/1621> Visits: 122

AU: TI: 96-496*A Athyrium niponicum 'Pictum Samurai Sword' KW: Polypodiaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-496A_PL.jpg Desc: Description: Size: 636941
URI: <http://hdl.handle.net/1813/1596> Visits: 102

AU: TI: 96-110*A Polystichum aculeatum KW: Polypodiaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-110A_FO.jpg Desc: Description: Size: 446548
URI: <http://hdl.handle.net/1813/1586> Visits: 95

AU: TI: 96-566*A Dryopteris lacera KW: Polypodiaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-566A_PL.jpg Desc: Description: Size: 574527

URI: <http://hdl.handle.net/1813/1605> Visits: 91

AU: TI: 95-199*A Hosta 'Summer Snow' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-199A_PL.jpg Desc: Description: Size: 499047
URI: <http://hdl.handle.net/1813/1577> Visits: 101

AU: TI: 86-267*A Disporum sessile spp. flavins KW: Disporum sessile spp. flavins;
Liliaceae; Fairy Bells; Korea; Siskiyou Nursery; Comstock Knoll IssD: 2003-05-20 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-267A_FL.jpg Desc: Description: Image of Flower Size: 352046
URI: <http://hdl.handle.net/1813/950> Visits: 138

AU: TI: 87-305*A Rhododendron yakushimanum ssp. yakushimanum 'Pink Parasol'
KW: Rhododendron yakushimanum ssp. yakushimanum; Pink Parasol; Ericaceae;
Rhododendron; Mowbray Gardens Nursery; Comstock Knoll IssD: 2003-05-20 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-305A_FL.jpg Desc: Description: Image of Flower Size: 356607
URI: <http://hdl.handle.net/1813/953> Visits: 135

AU: TI: 94-065*A Hosta 'Northern Exposure' KW: Liliaceae IssD: 2003-07-08 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 94-065_FL.jpg Desc: Description: Size: 287821
URI: <http://hdl.handle.net/1813/1563> Visits: 114

AU: TI: 95-145*A Polystichum polyblepharum AG KW: Polypodiaceae IssD: 2003-07-02
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-145A_PL.jpg Desc: Description: Size: 580322
URI: <http://hdl.handle.net/1813/1574> Visits: 109

AU: TI: 87-477*B Rhododendron 'Summer Rose' KW: Rhododendron; Summer Rose;
Ericaceae; Weston Nursery IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-477B_FL.jpg Desc: Description: Image of Flower Size: 391957
URI: <http://hdl.handle.net/1813/1548> Visits: 93

AU: TI: 77-301*A Rhododendron metternichii KW: Rhododendron metternichii;
Leatherleaf Rhododendron; Ericaceae; Comstock Knoll IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 77-301_FL.jpg Desc: Description: Image of Flower Size: 255044
URI: <http://hdl.handle.net/1813/755> Visits: 177

AU: TI: 99-316*A Hosta 'Minuteman' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 99-316A_PL.jpg Desc: Description: Size: 637009

URI: <http://hdl.handle.net/1813/1633> Visits: 316

AU: TI: 86-224*A Polygonatum commutatum KW: Polygonatum commutatum; Liliaceae; Great Solomon's Seal; Eastern United States; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 86-224A_FL.jpg Desc: Description: Image of Flower Size: 380520

URI: <http://hdl.handle.net/1813/949> Visits: 126

AU: TI: 96-386*B Aruncus aethusifolius KW: Rosaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-386B_FL.jpg Desc: Description: Size: 447995

URI: <http://hdl.handle.net/1813/1594> Visits: 100

AU: TI: 97-479*A Hosta 'Salute' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 97-479A_FL.jpg Desc: Description: Size: 543246

URI: <http://hdl.handle.net/1813/1616> Visits: 105

AU: TI: 85-232*C Rhododendron yedoense var. poukhanense 'Compactum' KW: Rhododendron yedoense var. poukhanense; Compactum; Ericaceae; Weston Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/945> Visits: 120

AU: TI: 86-220*A Hosta 'Sea Drift' KW: Hosta; Sea Drift IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 86-220A_PL.jpg Desc: Description: Size: 453042

URI: <http://hdl.handle.net/1813/1544> Visits: 96

AU: TI: 95-112*A Peltoboykinia tellimoide KW: Saxifragaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 95-112A_FL.jpg Desc: Description: Size: 347763

URI: <http://hdl.handle.net/1813/1572> Visits: 99

AU: TI: 86-042*G Rhododendron yakushmanum ssp. yakushmanum 'Ken Janeck' AWARD OF EXCELLENCE AWARD OF GARDEN MERIT KW: Rhododendron yakushmanum ssp. yakushmanum; Ken Janeck; Ericaceae; Award of Excellence; Award of Garden Merit; Mowbray Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 86-042G_FL.jpg Desc: Description: Image of Flower Size: 369887

URI: <http://hdl.handle.net/1813/947> Visits: 138

AU: TI: 96-236*A Ceanothus americanus KW: Rhamnaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-236A_FL.jpg Desc: Description: Size: 490515

URI: <http://hdl.handle.net/1813/1590> Visits: 99

AU: TI: 99-061*A Darmera peltata 'Dwarf Form' KW: Darmera peltata; Dwarf Form; Saxifragaceae; Dwarf Umbrella Leaf; Heronswood Nursery IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-061A_IPL.jpg Desc: Description: Image of Plant Size: 520211

URI: <http://hdl.handle.net/1813/698> Visits: 225

AU: TI: 99-283*A Hosta 'Lucy Vitals' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-283_PL.jpg Desc: Description: Size: 534656

URI: <http://hdl.handle.net/1813/1630> Visits: 224

AU: TI: 99-284*A Hosta 'Peace' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-284_PL.jpg Desc: Description: Size: 575292

URI: <http://hdl.handle.net/1813/1631> Visits: 228

AU: TI: 94-138*A Rhododendron 'Red River' KW: Ericaceae IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 94-138A_PL.jpg Desc: Description: Size: 619772

URI: <http://hdl.handle.net/1813/1564> Visits: 93

AU: TI: 87-094*A Actaea rubra KW: Actaea rubra; Red Baneberry; Ranunculcaee; Eastern; Central; North America; Panfield; Comstock Knoll IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-094A_FL.jpg Desc: Description: Image of Flower Size: 401648

URI: <http://hdl.handle.net/1813/772> Visits: 140

AU: TI: 87-082*A Polystichum acrostichoides KW: Polystichum acrostichoides IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-082_PL.jpg Desc: Description: Size: 585843

URI: <http://hdl.handle.net/1813/1545> Visits: 93

AU: TI: 76-255*B Rhododendron 'Bosley Hybrid' KW: Rhododendron; Bosley Hybrid; Ericaceae; Comstock Knoll; Bosley Nurseries IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 76-255B_FL.jpg Desc: Description: Image of Flower Size: 363945

URI: <http://hdl.handle.net/1813/1014> Visits: 175

AU: TI: 76-256*A Rhododendron carolinianum KW: Rhododendron carolinianum; Ericaceae; Carolina Rhododendron; Blue Ridge Mountains; Carolinas; Tennessee IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 76-256_FL.jpg Desc: Description: Image of Flower Size: 372508
URI: <http://hdl.handle.net/1813/1015> Visits: 164

AU: TI: 95-287*D Rhododendron carolinianum 'White Perfection' KW: Rhododendron carolinianum; White Perfection; Ericaceae; Comstock Knoll; Laughton Nursery IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-287D_FL.jpg Desc: Description: Image of Flower Size: 372480
URI: <http://hdl.handle.net/1813/1124> Visits: 101

AU: TI: 80-060*A Rhododendron prinophyllum KW: Rhododendron prinophyllum; Ericaceae; Piedmont Azalea; Fred Galle IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 80-060A_FL.jpg Desc: Description: Image of Flower Size: 352282
URI: <http://hdl.handle.net/1813/1112> Visits: 103

AU: TI: 88-016*A Rhododendron 'Party Pink' CONDITIONAL AWARD AWARD OF EXCELLENCE SUPERIOR PLANT AWARD KW: Rhododendron; Party Pink; Ericaceae; Conditional Award; Award of Excellence; Superior Plant Award; Cardinal Nursery IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 88-016-A_FL.jpg Desc: Description: Image of Flower Size: 290943
URI: <http://hdl.handle.net/1813/1094> Visits: 102

AU: TI: 87-094*A Actaea rubra KW: Actaea rubra IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-094A_FR.jpg Desc: Description: Size: 348060
URI: <http://hdl.handle.net/1813/1546> Visits: 90

AU: TI: 86-207*A Kalmia latifolia 'Silver Dollar' KW: Kalmia latifolia; Silver Dollar; Ericaceae; Mountain Laurel; Eastern Plant IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-207A_FL.jpg Desc: Description: Size: 363359
URI: <http://hdl.handle.net/1813/1540> Visits: 91

AU: TI: 64-045*A Rhododendron 'Purpureum Elegans' KW: Rhododendron; Purpureum Elegans IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 64-045_FL.jpg Desc: Description: Size: 378950
URI: <http://hdl.handle.net/1813/1528> Visits: 178

AU: TI: 76-191*A Rhododendron 'Vernus' KW: Rhododendron; Vernus; Ericaceae; Baldsiefen Nursery; Comstock Knoll IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 76-191A_FL.jpg Desc: Description: Image of Flower Size: 348255
URI: <http://hdl.handle.net/1813/754> Visits: 173

AU: TI: 85-233*A Rhododendron 'Lavender Queen' KW: Rhododendron; Lavender Queen; Ericaceae; Comstock Knoll; Weston Nurseries IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-233A_FL.jpg Desc: Description: Image of Flower Size: 314678
URI: <http://hdl.handle.net/1813/1086> Visits: 173

AU: TI: 96-147*A Heuchera 'Ring of Fire' KW: Saxifragaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-147A_PL.jpg Desc: Description: Size: 500568
URI: <http://hdl.handle.net/1813/1589> Visits: 104

AU: TI: 75-405*B Rhododendron 'Paul R. Bosley' KW: Rhododendron; Paul R. Bosley; Ericaceae; Comstock Knoll; Bosley Nurseries IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 75-405B_FL.jpg Desc: Description: Image of Flower Size: 432688
URI: <http://hdl.handle.net/1813/1103> Visits: 150

AU: TI: 00-171*A Dryopteris xcomplexa 'Robust' KW: Dryopteris xcomplexa; Robust; Polypodiaceae; Male Fern; Arrowhead Nursery IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 00-171A_PL.jpg Desc: Description: Image of Plant Size: 637349
URI: <http://hdl.handle.net/1813/1520> Visits: 515

AU: TI: 99-401*A Hosta sieboldiana 'Super Nova' KW: Liliaceae IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 99-401A_FL.jpg Desc: Description: Size: 399646
URI: <http://hdl.handle.net/1813/1638> Visits: 607

AU: TI: 86-192*A Rhododendron 'Gertrude Saxe' KW: Rhododendron; Gertrude Saxe; Ericaceae; Eastern Plant Spec. IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-192A_FL.jpg Desc: Description: Image of Flower Size: 286793
URI: <http://hdl.handle.net/1813/758> Visits: 138

AU: TI: 76-195*A Rhododendron 'Scintillation' KW: Rhododendron; Scintillation; Ericaceae; Baldsiefen Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 76-195A_FL.jpg Desc: Description: Image of Flower Size: 350681
URI: <http://hdl.handle.net/1813/931> Visits: 199

AU: TI: 98-086*A Hosta kikutii KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 98-086A_PL.jpg Desc: Description: Size: 519189
URI: <http://hdl.handle.net/1813/1625> Visits: 108

AU: TI: 98-124*A Dryopteris xcelosa KW: Polypodiaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 98-124A_PL.jpg Desc: Description: Size: 565384
URI: <http://hdl.handle.net/1813/1626> Visits: 112

AU: TI: 85-231*B Rhododendron 'Waltham' KW: Rhododendron; Waltham; Ericaceae; Comstock Knoll; Weston Nurseries IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-231B_FL.jpg Desc: Description: Image of Flower Size: 381895
URI: <http://hdl.handle.net/1813/1116> Visits: 111

AU: TI: 90-173*A Rhododendron yakushimanum ssp. yakushimanum 'Koichiro Wada' KW: Rhododendron yakushimanum ssp. yakushimanum; Koichiro Wada; Ericaceae; Wellman/BTI; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 90-173A_FL.jpg Desc: Description: Image of Flower Size: 318427
URI: <http://hdl.handle.net/1813/955> Visits: 140

AU: TI: 96-163*B Fothergilla gardenii 'Suzanne' KW: Fothergilla gardenii; Suzanne; Hamamelidaceae; Comstock Knoll; Gossler Farms Nursery IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-163B_FL.jpg Desc: Description: Image of Flower Size: 499693
URI: <http://hdl.handle.net/1813/956> Visits: 139

AU: TI: 85-156*A Rhododendron 'Madrid' KW: Rhododendron; Madrid; Ericaceae; Rosalyn's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-156A_FL.jpg Desc: Description: Image of Flower Size: 393621
URI: <http://hdl.handle.net/1813/943> Visits: 137

AU: TI: 85-157*A Rhododendron 'Snow' KW: Rhododendron; Snow; Ericaceae; Rosalyn's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-157A_FL.jpg Desc: Description: Image of Flower Size: 351159
URI: <http://hdl.handle.net/1813/944> Visits: 128

AU: TI: 86-095*A Rhododendron 'Pink Cameo' KW: Rhododendron; Pink Cameo; Ericaceae; Hall Nursery IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-095A_FL.jpg Desc: Description: Image of Flower Size: 358141
URI: <http://hdl.handle.net/1813/1022> Visits: 119

AU: TI: 76-203*A Rhododendron 'Anna H. Hall' KW: Rhododendron; Anna H. Hall; Ericaceae; Leach 1962; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 76-203_FL.jpg Desc: Description: Image of Flower Size: 318581
URI: <http://hdl.handle.net/1813/1077> Visits: 140

AU: TI: 74-029*A Rhododendron 'Narcissiflora' KW: Rhododendron; Narcissiflora; Ericaceae; Wells Nursery IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 74-029A_FL.jpg Desc: Description: Image of Flower Size: 297629
URI: <http://hdl.handle.net/1813/1076> Visits: 152

AU: TI: 84-240*A *Veratrum nigrum* KW: *Veratrum nigrum*; Liliaceae; Europe; Asia;
Comstock Knoll IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 84-240AA_PL.jpg Desc: Description: Image of Plant Size: 547155
URI: <http://hdl.handle.net/1813/703> Visits: 176

AU: TI: 96-163*A *Fothergilla gardenii* 'Suzanne' KW: *Fothergilla gardenii*; Suzanne;
Hamamelidaceae; Comstock Knoll; Gossler Nursery IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-163A_FL.jpg Desc: Description: Image of Flower Size: 395411
URI: <http://hdl.handle.net/1813/764> Visits: 163

AU: TI: 96-483*A *Corylopsis pauciflora* KW: *Corylopsis pauciflora*; Hamamelidaceae;
Buttercup Winterhazel; CP-67-012; Comstock Knoll IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-483A_FL.jpg Desc: Description: Image of Flower Size: 330233
URI: <http://hdl.handle.net/1813/706> Visits: 150

AU: TI: 88-217*H *Rhododendron yedoense* var. *poukhanense* KW: *Rhododendron yedoense* var. *poukhanense*; Ericaceae; Korean Azalea; Carlson's Nursery IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 88-217H_FO.jpg Desc: Description: Image of Flower Size: 385465
URI: <http://hdl.handle.net/1813/745> Visits: 130

AU: TI: 96-536*A *Pulmonaria* 'Dora Bielefeld' KW: *Pulmonaria*; Dora Bielefeld;
Boraginaceae; Lungwort; Shady Oaks Nursery IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-536A_FL.jpg Desc: Description: Image of Flower Size: 353992
URI: <http://hdl.handle.net/1813/748> Visits: 133

AU: TI: 87-399*G *Rhododendron smirnowii* KW: *Rhododendron smirnowii*; Ericaceae;
Comstock Knoll; Caucasus; Roslyn Nursery IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-399G_FL.jpg Desc: Description: Image of Flower Size: 471441
URI: <http://hdl.handle.net/1813/1120> Visits: 100

AU: TI: 87-382*E *Rhododendron* 'Besse Howells' KW: *Rhododendron*; Besse Howells;
Ericaceae; Comstock Knoll; Roslyn Nursery IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-382E_FL.jpg Desc: Description: Image of Flower Size: 458029
URI: <http://hdl.handle.net/1813/1119> Visits: 109

AU: TI: 99-061*A *Darmera peltata* 'Dwarf Form' KW: *Darmera peltata*; Dwarf Form; Saxifragaceae; Dwarf Umbrella Leaf; Heronswood Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 99-061A_PL.jpg Desc: Description: Image of Plant Size: 619039
URI: <http://hdl.handle.net/1813/1132> Visits: 334

AU: TI: 86-381*B *Rhododendron* 'Katherine Dalton' KW: *Rhododendron*; Katherine Dalton; Ericaceae; Weston Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-381B_PL.jpg Desc: Description: Image of Plant Size: 615055
URI: <http://hdl.handle.net/1813/1089> Visits: 99

AU: TI: 98-364*A *Darmera peltata* KW: *Darmera peltata*; Saxifragaceae; Umbrella Plant; Northwest United States; Shady Oaks; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 98-364A_PL.jpg Desc: Description: Image of Plant Size: 637567
URI: <http://hdl.handle.net/1813/1131> Visits: 284

AU: TI: 76-218*A *Rhododendron* 'Janet Blair' KW: *Rhododendron*; Janet Blair; Ericaceae; Baldsiefen Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 76-218A_FL.jpg Desc: Description: Image of Flower Size: 362264
URI: <http://hdl.handle.net/1813/1107> Visits: 151

AU: TI: 88-217*G *Rhododendron yedoense* var. *poukhanense* KW: *Rhododendron yedoense* var. *poukhanense*; Ericaceae; Korean Azalea; Carlson's Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 88-217G_FL.jpg Desc: Description: Image of Flower Size: 283067
URI: <http://hdl.handle.net/1813/1097> Visits: 103

AU: TI: 80-049*A *Rhododendron* 'Pink Flair' KW: *Rhododendron*; Pink Flair; Ericaceae; Greer Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 80-049A_FL.jpg Desc: Description: Image of Flower Size: 384923
URI: <http://hdl.handle.net/1813/934> Visits: 132

AU: TI: 96-336*A *Viburnum plicatum* f. *tomentosum* 'Popcorn' KW: *Viburnum plicatum* f. *tomentosum*; Popcorn; Caprifoliaceae; Doublefile Viburnum; Roslyn Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/957> Visits: 161

AU: TI: 01-300*A *Hosta* 'Lakeside Cha Cha' KW: *Hosta*; Lakeside Cha Cha; Liliaceae; Plantain Lily; Sunny Border Ohio IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 01-300A_PL.jpg Desc: Description: Image of Plant Size: 545658

URI: <http://hdl.handle.net/1813/1521> Visits: 286

AU: TI: 86-203*E Rhododendron yakushimanum ssp. yakushimanum 'Yaku Angel'
KW: Rhododendron yakushimanum ssp. yakushimanum; Yaku Angel; Ericaceae;
Rhododendron; Eastern Plant Species; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-203E_FL2.jpg Desc: Description: Image of Flower Size: 314834
URI: <http://hdl.handle.net/1813/948> Visits: 128

AU: TI: 75-197*B Rhododendron 'Dora Amateis' AWARD OF EXCELLENCE AWARD
OF MERIT KW: Rhododendron; Dora Amateis; Ericaceae; Award of Excellence; Award
of Merit; Labar's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 75-197B_PL.jpg Desc: Description: Image of Plant Size: 567835
URI: <http://hdl.handle.net/1813/928> Visits: 186

AU: TI: 75-160*A Rhododendron 'Katherine Dalton' KW: Rhododendron; Katherine
Dalton; Ericaceae; Wells Nursery; Comstock Knoll IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 75-160A_FL.jpg Desc: Description: Image of Flower Size: 396568
URI: <http://hdl.handle.net/1813/1012> Visits: 175

AU: TI: 92-069*A Hosta 'Valentine Lace' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 92-069A_PL.jpg Desc: Description: Size: 391036
URI: <http://hdl.handle.net/1813/1558> Visits: 90

AU: TI: 92-069*A Hosta 'Valentine Lace' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 92-069A_PL.jpg Desc: Description: Size: 391036
URI: <http://hdl.handle.net/1813/1560> Visits: 101

AU: TI: 88-004*B Rhododendron 'English Roseum' KW: Rhododendron; English
Roseum; Ericaceae; Briarwood Gardens IssD: 2003-06-13 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 88-004B_FL.jpg Desc: Description: Image of Flower Size: 376708
URI: <http://hdl.handle.net/1813/1549> Visits: 129

AU: TI: 96-111*A Polystichum braunii KW: Polypodiaceae IssD: 2003-07-07 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-111A_PL.jpg Desc: Description: Size: 589098
URI: <http://hdl.handle.net/1813/1587> Visits: 94

AU: TI: 84-240*A Veratrum nigrum KW: Veratrum nigrum; Liliaceae; Europe; Asia
IssD: 2003-08-05 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 84-240A_FL.jpg Desc: Description: Size: 302296
URI: <http://hdl.handle.net/1813/1533> Visits: 148

AU: TI: 96-592*A Hosta 'Snow Cap' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-592A_PL.jpg Desc: Description: Size: 436105
URI: <http://hdl.handle.net/1813/1609> Visits: 104

AU: TI: 97-175*A Hosta 'Pineapple Poll' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-175A_PL.jpg Desc: Description: Size: 493104
URI: <http://hdl.handle.net/1813/1614> Visits: 106

AU: TI: 94-161*B Hosta yinger KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 94-161B_PL.jpg Desc: Description: Size: 450595
URI: <http://hdl.handle.net/1813/1567> Visits: 89

AU: TI: 98-059*A Rodgersia henricii 'Hybrids' KW: Saxifragaceae IssD: 2003-06-13 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 98-059_FL.jpg Desc: Description: Size: 251480
URI: <http://hdl.handle.net/1813/1623> Visits: 113

AU: TI: 95-263*A Hosta 'So Sweet' HOSTA OF THE YEAR KW: Liliaceae IssD: 2003-07-
09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-263A_PL.jpg Desc: Description: Size: 574717
URI: <http://hdl.handle.net/1813/1581> Visits: 124

AU: TI: 97-531*A Hosta 'Krossa Regal' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-531A_PL.jpg Desc: Description: Size: 467456
URI: <http://hdl.handle.net/1813/1620> Visits: 123

AU: TI: 97-510*A Hosta 'Honeybells' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-510A_PL.jpg Desc: Description: Size: 429904
URI: <http://hdl.handle.net/1813/1618> Visits: 122

AU: TI: 97-509*A Hosta 'Gold Regal' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-509A_PL.jpg Desc: Description: Size: 451474
URI: <http://hdl.handle.net/1813/1617> Visits: 115

AU: TI: 97-126*A Hosta 'Knockout' KW: Liliaceae IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-126_FL.jpg Desc: Description: Size: 275447
URI: <http://hdl.handle.net/1813/1613> Visits: 104

AU: TI: 98-452*A *Abies koreana* 'Horstmann's Silberlocke' KW: Silver Korean Fir IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 98-452A_FO.jpg Desc: Description: Size: 430276

URI: <http://hdl.handle.net/1813/1628> Visits: 133

AU: TI: 99-286*A *Hosta* 'Veronica Lake' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-286_PL.jpg Desc: Description: Size: 601858

URI: <http://hdl.handle.net/1813/1632> Visits: 310

AU: TI: 97-352*A *Rhododendron* 'Wheatley' AWARD OF EXCELLENCE KW: Rhododendron; Wheatley; Ericaceae; Award of Excellence; Carlson's Gardens; Comstock Knoll IssD: 2005-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 97-352A_FL.jpg Desc: Description: Image of Flower Size: 372690

URI: <http://hdl.handle.net/1813/1128> Visits: 508

AU: TI: 98-389*A *Hosta* 'Snowflakes' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 98-389A_PL.jpg Desc: Description: Size: 599657

URI: <http://hdl.handle.net/1813/1627> Visits: 128

AU: TI: 76-190*A *Rhododendron* 'Boule de Rose' KW: Rhododendron; Boule de Rose; Ericaceae; Comstock Knoll; Baldsiefen Nurseries IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 76-190A_FL.jpg Desc: Description: Image of Flower Size: 375389

URI: <http://hdl.handle.net/1813/1013> Visits: 181

AU: TI: 02-387*A *Hosta* 'Kiwi Sunshine' KW: Hosta; Kiwi Sunshine IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 02-387A_PL.jpg Desc: Description: Size: 541335

URI: <http://hdl.handle.net/1813/1523> Visits: 129

AU: TI: 87-394*A *Rhododendron* 'Parker's Pink' AWARD OF EXCELLENCE KW: Rhododendron; Parker's Pink; Ericaceae; Award of Excellence; Roslyn Nursery; Comstock Knoll IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-394A_FL.jpg Desc: Description: Image of Flower Size: 334864

URI: <http://hdl.handle.net/1813/1024> Visits: 125

AU: TI: 96-535*A *Trillium viride* var. *luteum* KW: *Trillium viride* var. *luteum*; Liliaceae; Wood Trillium; South Eastern United States; Comstock Knoll IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/747> Visits: 148

AU: TI: 93-091*A Hosta 'Crowned Imperial' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 93-091_PL.jpg Desc: Description: Size: 621932

URI: <http://hdl.handle.net/1813/1562> Visits: 103

AU: TI: 80-262*B Athyrium niponicum 'Pictum' AGM KW: Athyrium niponicum; Pictum IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 80-262B_PL.jpg Desc: Description: Size: 556188

URI: <http://hdl.handle.net/1813/1532> Visits: 96

AU: TI: 96-171*B Viburnum plicatum f. tomentosum 'Summer Snowflake' KW: Viburnum plicatum f. tomentosum; Summer Snowflake; Caprifoliaceae; Doublefile Viburnum; Gossler Farms Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-171B_FL.jpg Desc: Description: Image of Flower Size: 315348

URI: <http://hdl.handle.net/1813/1125> Visits: 174

AU: TI: 80-065*A Rhododendron catawbiense 'Compactum' KW: Rhododendron catawbiense; Compactum; Ericaceae; Weston Nursery IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 80-065A_FL.jpg Desc: Description: Image of Flower Size: 412161

URI: <http://hdl.handle.net/1813/1113> Visits: 105

AU: TI: 00-200*A Rhododendron 'Ingrid Mehlquist' KW: Rhododendron; Ingrid Mehlquist; Ericaceae; Rosalyn's Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 00-200A_FL.jpg Desc: Description: Image of Flower Size: 335361

URI: <http://hdl.handle.net/1813/1071> Visits: 745

AU: TI: 81-061*A Rhododendron 'Powell Glass' KW: Rhododendron; Powell Glass; Ericaceae; Pride; Orlando S.; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 81-061A_FL.jpg Desc: Description: Image of Flower Size: 382035

URI: <http://hdl.handle.net/1813/1114> Visits: 104

AU: TI: 87-460*C Rhododendron 'Caronella' KW: Rhododendron; Caronella; Ericaceae; Weston IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-460C_FL.jpg Desc: Description: Image of Flower Size: 445963

URI: <http://hdl.handle.net/1813/689> Visits: 171

AU: TI: 77-318*A Rhododendron cv. Normandy KW: Rhododendron; Normandy; Ericaceae; Carlson's Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 77-318A_FL.jpg Desc: Description: Image of Flower Size: 382274

URI: <http://hdl.handle.net/1813/1108> Visits: 132

AU: TI: 02-393*A *Dryopteris filix-mas* 'Crispatissima' KW: *Dryopteris filix-mas*; *Crispatissima* IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 02-393A_FO.jpg Desc: Description: Size: 304468

URI: <http://hdl.handle.net/1813/1524> Visits: 130

AU: TI: 76-192*A *Rhododendron* 'Professor Amateis' KW: *Rhododendron*; Professor Amateis; Ericaceae; Baldsiefen Nursery IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/930> Visits: 396

AU: TI: 87-449*A *Rhododendron* 'Cunningham's White' KW: *Rhododendron*; Cunningham's White; Ericaceae IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-449A_FL.jpg Desc: Description: Image of Flower Size: 363783

URI: <http://hdl.handle.net/1813/741> Visits: 154

AU: TI: 02-397*A *Hosta* 'Radiant Edger' KW: *Hosta*; Radiant Edge IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 02-397A_PL.jpg Desc: Description: Size: 618514

URI: <http://hdl.handle.net/1813/1525> Visits: 146

AU: TI: 76-166*B *Rhododendron yakushimanum* KW: *Rhododendron yakushimanum*; Ericaceae; Japan; Watnong Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 76-166B_FL.jpg Desc: Description: Image of Flower Size: 356452

URI: <http://hdl.handle.net/1813/1105> Visits: 155

AU: TI: 98-336*B *Rhododendron* 'Wojnar's Purple' KW: *Rhododendron*; Wojnar's Purple; Ericaceae; Sandy Rhododendron; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 98-336B_FL.jpg Desc: Description: Image of Flower Size: 469243

URI: <http://hdl.handle.net/1813/1130> Visits: 298

AU: TI: 87-386*A *Rhododendron* 'Dolly Madison' KW: *Rhododendron*; Dolly Madison; Ericaceae; Comstock Knoll IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-386A_FL.jpg Desc: Description: Image of Flower Size: 316458

URI: <http://hdl.handle.net/1813/687> Visits: 158

AU: TI: 97-540*A *Hosta* 'Golden Prayers' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 97-540A_PL.jpg Desc: Description: Size: 381393

URI: <http://hdl.handle.net/1813/1622> Visits: 122

AU: TI: 94-176*A Hosta 'Black Hills' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 94-176A_PL.jpg Desc: Description: Size: 506277
URI: <http://hdl.handle.net/1813/1568> Visits: 115

AU: TI: 80-262*A Athyrium niponicum 'Pictum' AGM KW: Athyrium niponicum;
Pictum IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 80-262A_PL.jpg Desc: Description: Size: 612134
URI: <http://hdl.handle.net/1813/1531> Visits: 94

AU: TI: 96-109*A Dryopteris xremota KW: Polypodiaceae IssD: 2003-07-07 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-109A_PL.jpg Desc: Description: Size: 1287419
URI: <http://hdl.handle.net/1813/1585> Visits: 92

AU: TI: 85-227*B Rhododendron 'Independence' KW: Rhododendron; Independence;
Azalea; Ericaceae; Weston IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-227B_FL.jpg Desc: Description: Size: 381370
URI: <http://hdl.handle.net/1813/1534> Visits: 89

AU: TI: 80-001*A Rhododendron 'Cadis' AWARD OF EXCELLENCE KW:
Rhododendron; Cadis; Award of Excellence; Ericaceae; Hall Nursery IssD: 2003-06-13
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 80-001A_FL.jpg Desc: Description: Size: 353562
URI: <http://hdl.handle.net/1813/1530> Visits: 100

AU: TI: 86-215*A Hosta 'Golden Prayers' KW: Hosta; Golden Prayers IssD: 2003-07-08
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-215_PL.jpg Desc: Description: Size: 515423
URI: <http://hdl.handle.net/1813/1543> Visits: 100

AU: TI: 94-177*A Hosta 'Green Fountain' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 94-177A_PL.jpg Desc: Description: Size: 581036
URI: <http://hdl.handle.net/1813/1569> Visits: 95

AU: TI: 95-259*A Hosta 'Sunpower' Midwest Gold Award KW: Liliaceae IssD: 2003-07-
08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-259A_PL.jpg Desc: Description: Size: 463124
URI: <http://hdl.handle.net/1813/1578> Visits: 100

AU: TI: 95-260*A Hosta 'Edge of Night' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 95-260_PL.jpg Desc: Description: Size: 588103
URI: <http://hdl.handle.net/1813/1579> Visits: 104

AU: TI: 96-542*A Hosta 'Hadspen Hawk' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-542A_PL.jpg Desc: Description: Size: 471845

URI: <http://hdl.handle.net/1813/1599> Visits: 95

AU: TI: 96-535*A Trillium viride var. luteum KW: Trillium viride var. luteum; Liliaceae; Wood Trillium; South Eastern United States IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-535A_PL.jpg Desc: Description: Image of Plant Size: 524476

URI: <http://hdl.handle.net/1813/1098> Visits: 98

AU: TI: 85-238*A Enkianthus campanulatus KW: Enkianthus campanulatus; Ericaceae; Redvein Enkianthus; Weston Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 85-238A_FL.jpg Desc: Description: Image of Flower Size: 266303

URI: <http://hdl.handle.net/1813/1087> Visits: 111

AU: TI: 87-476*A Rhododendron 'Smir-yak Compact Strain' KW: Rhododendron; Smir-yak Compact Strain; Ericaceae; Comstock Knoll; Weston Nurseries IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-476A_FL.jpg Desc: Description: Image of Flower Size: 385239

URI: <http://hdl.handle.net/1813/1093> Visits: 109

AU: TI: 87-384*B Rhododendron 'Bravo!' KW: Rhododendron; Bravo; Ericaceae; Comstock Knoll; Roslyn Nursery IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 87-384B_FL.jpg Desc: Description: Image of Flower Size: 365100

URI: <http://hdl.handle.net/1813/1091> Visits: 99

AU: TI: 85-332*A Hosta montana 'Aureomarginata' KW: Hosta montana; Aureomarginata; Liliaceae; Plantain Lily; Klehm IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 85-332A_PL.jpg Desc: Description: Size: 482427

URI: <http://hdl.handle.net/1813/1538> Visits: 101

AU: TI: 94-150*A Hosta 'Pizzazz' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 94-150_PL.jpg Desc: Description: Size: 529826

URI: <http://hdl.handle.net/1813/1566> Visits: 92

AU: TI: 86-214*A Hosta 'Midas Touch' KW: Hosta; Midas Touch IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 86-214A_PL.jpg Desc: Description: Size: 511289

URI: <http://hdl.handle.net/1813/1542> Visits: 94

AU: TI: 94-181*A Hosta 'Snowden' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 94-181A_PL.jpg Desc: Description: Size: 482569
URI: <http://hdl.handle.net/1813/1570> Visits: 91

AU: TI: 95-262*A Hosta 'Fragrant Blue' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-262A_PL.jpg Desc: Description: Size: 449624
URI: <http://hdl.handle.net/1813/1580> Visits: 94

AU: TI: 96-543*A Hosta 'Inniswood' Savory Shield Award KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-543A_PL.jpg Desc: Description: Size: 544781
URI: <http://hdl.handle.net/1813/1600> Visits: 96

AU: TI: 96-541*A Hosta 'Bright Lights' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-541A_FL.jpg Desc: Description: Size: 297594
URI: <http://hdl.handle.net/1813/1598> Visits: 123

AU: TI: 96-290*A Hosta 'Patriot' Best New Seedling or Sport Best in Show (cutleaf Division) HOSTA OF THE YEAR KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-290A_PL.jpg Desc: Description: Size: 546519
URI: <http://hdl.handle.net/1813/1591> Visits: 91

AU: TI: 96-551*D Rhododendron 'Nova Zembla' KW: Rhododendron; Nova Zembla; Ericaceae; Comstock Knoll; Keenan Nursery IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-551D_FL.jpg Desc: Description: Image of Flower Size: 448207
URI: <http://hdl.handle.net/1813/1127> Visits: 194

AU: TI: 96-413*B Viburnum carlesii 'Aurora' KW: Viburnum carlesii; Aurora Caprifoliaceae; Korean Spice Viburnum; Comstock Knoll; Roslyn Nursery IssD: 2003-05-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-413B_FL.jpg Desc: Description: Image of Flower Size: 293304
URI: <http://hdl.handle.net/1813/694> Visits: 203

AU: TI: 97-120*A Hosta 'Summer Music' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-120_PL.jpg Desc: Description: Size: 586663
URI: <http://hdl.handle.net/1813/1610> Visits: 118

AU: TI: 87-465*C Rhododendron kiusianum 'Album' KW: Rhododendron kiusianum; Album; Ericaceae; Comstock Knoll; Weston Nurseries IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 87-465C_FL.jpg Desc: Description: Image of Flower Size: 423896
URI: <http://hdl.handle.net/1813/1092> Visits: 106

AU: TI: 86-102*C Rhododendron yakushimanum 'Murphy's Big Leaf' KW: Rhododendron yakushimanum; Murphy's Big Leaf; Ericaceae; Comstock Knoll; KellyGreen Rhododendron Nursery IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-102C_FL.jpg Desc: Description: Image of Flower Size: 366813
URI: <http://hdl.handle.net/1813/1117> Visits: 108

AU: TI: 95-173*A Hydrangea macrophylla 'Blue Billows' KW: Saxifragaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 95-173_FL.jpg Desc: Description: Size: 331391
URI: <http://hdl.handle.net/1813/1576> Visits: 125

AU: TI: 86-138*A Rhododendron 'Album Elegans' KW: Rhododendron; Album Elegans; Ericaceae; Comstock Knoll; Lake City IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-138A_FL.jpg Desc: Description: Image of Flower Size: 397146
URI: <http://hdl.handle.net/1813/1118> Visits: 116

AU: TI: 96-108*A Dryopteris filix-mas 'Barnesii' KW: Polypodiaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-108_FO.jpg Desc: Description: Size: 613708
URI: <http://hdl.handle.net/1813/1584> Visits: 99

AU: TI: 98-364*A Darmera peltata KW: Darmera peltata; Saxifragaceae; Umbrella Plant; NorthWestern United States; Shady Oaks IssD: 2003-05-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/696> Visits: 186

AU: TI: 97-124*A Hosta 'Abba Dabba Do' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 97-124_PL.jpg Desc: Description: Size: 489176
URI: <http://hdl.handle.net/1813/1612> Visits: 116

AU: TI: 85-272*A Dryopteris goldiana KW: Dryopteris goldiana IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 85-272A_PL.jpg Desc: Description: Size: 554458
URI: <http://hdl.handle.net/1813/1536> Visits: 96

AU: TI: 86-212*A Hosta 'Tokudama Flavocircinalis' KW: Hosta; Tokudama Flavocircinalis IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-212_PL.jpg Desc: Description: Size: 511344
URI: <http://hdl.handle.net/1813/1541> Visits: 102

AU: TI: 80-174*A Rhododendron 'Olga Mezitt' KW: Rhododendron; Olga Mezitt;
Ericaceae; Weston Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 80-174A_FL.jpg Desc: Description: Image of Flower Size: 431111
URI: <http://hdl.handle.net/1813/935> Visits: 233

AU: TI: 96-374*A Viburnum plicatum f. tomentosum 'Pink Beauty' KW: Caprifoliaceae
IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-374A_FL.jpg Desc: Description: Size: 383665
URI: <http://hdl.handle.net/1813/1592> Visits: 109

AU: TI: 86-369*C Rhododendron 'Solidarity' KW: Rhododendron; Solidarity; Ericaceae;
Rosalyn's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-369C_FL.jpg Desc: Description: Image of Flower Size: 437434
URI: <http://hdl.handle.net/1813/952> Visits: 138

AU: TI: 92-017*A Dryopteris dilatata 'Recurvata' KW: Polypodiaceae IssD: 2003-07-09
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 92-017A_PL.jpg Desc: Description: Size: 547046
URI: <http://hdl.handle.net/1813/1559> Visits: 90

AU: TI: 92-070*A Hosta 'August Moon' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 92-070_PL.jpg Desc: Description: Size: 498286
URI: <http://hdl.handle.net/1813/1561> Visits: 110

AU: TI: 96-142*A Hydrangea quercifolia 'Snowflake' KW: Saxifragaceae IssD: 2003-07-02
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-142A_FL.jpg Desc: Description: Size: 332453
URI: <http://hdl.handle.net/1813/1588> Visits: 113

AU: TI: 96-106*A Athyrium felix-femina 'Grandiceps' KW: Polypodiaceae IssD: 2003-07-08
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-106A_PL.jpg Desc: Description: Size: 594311
URI: <http://hdl.handle.net/1813/1583> Visits: 102

AU: TI: 92-017*A Dryopteris dilatata 'Recurvata' KW: Polypodiaceae IssD: 2003-07-09
Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 92-017A_PL.jpg Desc: Description: Size: 547046

URI: <http://hdl.handle.net/1813/1557> Visits: 97

AU: TI: 88-017*A Rhododendron 'Pink Flourish' KW: Rhododendron; Pink Flourish; Ericaceae; Comstock Knoll; Cardinal Nurseries IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1095> Visits: 110

AU: TI: 95-042*A Viburnum dilatatum 'Michael Dodge' KW: Caprifoliaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 95-042A_FL.jpg Desc: Description: Size: 382128

URI: <http://hdl.handle.net/1813/1571> Visits: 104

AU: TI: 85-250*A Rhododendron 'Iridescent' KW: Rhododendron; Iridescent; Ericaceae; Azalea; Weston IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 85-250A_FL.jpg Desc: Description: Size: 347059

URI: <http://hdl.handle.net/1813/1535> Visits: 93

AU: TI: 85-413*B Kalmia latifolia 'Shooting Star' KW: Kalmia latifolia; Shooting Star; Ericaceae; Mountain Laurel; Holly Hills IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 85-413B_FL.jpg Desc: Description: Size: 307024

URI: <http://hdl.handle.net/1813/1539> Visits: 93

AU: TI: 98-334*A Rhododendron 'Haaga' KW: Rhododendron; Haaga; Ericaceae; Comstock Knoll; A-Sandy IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 98-334A_FL.jpg Desc: Description: Image of Flower Size: 412740

URI: <http://hdl.handle.net/1813/1129> Visits: 324

AU: TI: 96-568*A Hosta 'Janet' KW: Liliaceae IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 96-568A_PL.jpg Desc: Description: Size: 544243

URI: <http://hdl.handle.net/1813/1606> Visits: 98

AU: TI: 99-318*A Hosta 'Pacific Blue Edger' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 99-318A_TG.jpg Desc: Description: Size: 548880

URI: <http://hdl.handle.net/1813/1634> Visits: 535

AU: TI: 02-230*A Rodgersia sambucifolia 'Kupferschein' KW: Rodgersia sambucifolia; Kupferschein IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: Clement Gray Bowers Rhododendron Collection

File: 02-230A_FL.jpg Desc: Description: Size: 264374

URI: <http://hdl.handle.net/1813/1522> Visits: 147

AU: TI: 96-576*A Hosta 'Lunar Eclipse' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-576A_PL.jpg Desc: Description: Size: 545536
URI: <http://hdl.handle.net/1813/1607> Visits: 100

AU: TI: 96-374*A Viburnum plicatum f. tomentosum 'Pink Beauty' KW: Viburnum
plicatum f. tomentosum; Pink Beauty; Caprifoliaceae; Doublefile Viburnum; Forest
Farm Nursery; Comstock Knoll IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-374A_FL.jpg Desc: Description: Image of Flower Size: 330203
URI: <http://hdl.handle.net/1813/1126> Visits: 160

AU: TI: 75-200*C Rhododendron vaseyi 'White Find' KW: Rhododendron vaseyi; White
Find; Ericaceae; Labar's Nursery; Comstock Knoll IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 75-200C_FL.jpg Desc: Description: Image of Flower Size: 355660
URI: <http://hdl.handle.net/1813/929> Visits: 173

AU: TI: 86-267*A Disporum sessile spp. flavins KW: Disporum sessile spp. flavins;
Disporum uniflorum; Liliaceae; Fairy Bells; Korea; Siskiyou IssD: 2003-05-22 Pub:
Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 86-267A_PL.jpg Desc: Description: Image of Plant Size: 616514
URI: <http://hdl.handle.net/1813/964> Visits: 132

AU: TI: 96-386*A Aruncus aethusifolius KW: Rosaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Clement Gray Bowers Rhododendron Collection
File: 96-386A_FL.jpg Desc: Description: Size: 538674
URI: <http://hdl.handle.net/1813/1593> Visits: 100

AU: Lowrance, Bryan TI: Sidney's Strangers: Language, Materiality, and Authenticity in
Astrophil and Stella KW: Philip Sidney; "Astrophil and Stella"; Renaissance Lyric; Early
Modern Lyric; Culteral Materialism; Formalism IssD: 2006-04-17 Pub: Publisher:
ABS: This thesis examines the exegetical, intellectual-historical, and theoretical
implications of a particular feature of Philip Sidney's late sixteenth-century sonnet
sequence Astrophil and Stella: its continual anxiety over authenticity ? a term I use to
signal the ability of its fictional speaker (Astrophil) to find a language capable of
conveying his internal cognitive and affective states. Throughout Sidney's sequence,
Astrophil attempts to define an authentic lyrical language by both criticizing other
poets and asserting a formal agenda for his own texts. His texts, however, continually
contradict in practice what is demanded of them in theory so that the sequence shows
an underlying pessimism summed up in Sonnet 35's question: ?What may words say,
or what may words not say, / Where Tru Collection: College of Arts and Sciences
Honors Theses
File: BryanLowranceThesis.pdf Desc: Description: Size: 332093
URI: <http://hdl.handle.net/1813/3024> Visits: 149

AU: St. Aubin, Adrienne Michelle TI: Reading Jacob's Room as a Transmission of Shocks KW: Jacob's Room; violence; ineffability; Virginia Woolf; synecdoche; "A Sketch of the Past"; British Modernism IssD: 2006-05-30 Pub: Publisher:

ABS: This thesis examines Virginia Woolf's 1923 novel Jacob's Room as a transmission of what Woolf in her unfinished memoir refers to as "shocks." In A Sketch of the Past, Woolf describes the experience of these shocks and her immediate desire to explain them, presenting writing as a reparative activity that imparts meaning to the apparently senseless and alleviates pain by creating wholeness out of fragmentation. She illustrates this concept by providing three examples from her own childhood, each of which offers a very different model of experience. In this thesis I relate these shocks to the structure of Jacob's Room and a number of strangely digressive and open-ended passages within it, proposing that the novel actually resists Woolf's own model of reparative writing and does not process shocks into wholes for the reader so much as transmit them to her.

Collection: College of Arts and Sciences Honors Theses

File: StAubinThesisFile.pdf Desc: Description: Size: 696673

URI: <http://hdl.handle.net/1813/3077> Visits: 146

AU: Agarwal, Anshu TI: Volumetric Deformation: A New Objective Measure to Study Chair Comfort Using 3D Body Scanning Technology KW: Chair; Lumbar Support; Volumetric Deformation; Measure; Study; Department of Design and Environmental Analysis; Alan Hedge; Comfort; Body Scanning; 3D; anthropometric measurements IssD: 2006-05-03 Pub: Publisher:

ABS: Proper lumbar support is a necessary and fundamental requirement for any well-designed chair. Objective techniques to assess chair comfort necessitate the use of a sensing layer that may change the fundamental characteristics of the chair itself depending on its structure and materials. Other methods have attached equipment to subjects, which may influence their normal sitting behavior. In this study, I utilize new 3D body scanning technology to examine the person-chair interaction in flexible, material back chairs without adding anything to either the chair or the subject. I attempt to develop a new objective measure, volumetric deformation, which assesses the reaction of a flexible, material chair back to a seated user. In addition, this study aims to understand the relationships between perceived chair back comfort, objective volumetric deformation, subject anthropometric attributes, and ratings of perceived chair attribute comfort. Total chair back deformation is found to be significantly related to some subject anthropometric attributes, which provides further evidence that deformation is a useful objective measure for assessment of the chair back. Perceived overall back comfort is significantly associated to the perceived comfort of the lumbar support but not to any of the anthropometric measurements taken. The relationship between chair back deformation and pressure distribution should be explored in future studies. Collection: College of Human Ecology Honors Theses

File: ANSHU HONORS THESIS.pdf Desc: Description: Size: 1742044

URI: <http://hdl.handle.net/1813/3130> Visits: 94

AU: Calhoun, Karen; Stewart-Marshall, Zoe; Chandler, Adam TI: Toppling the Monolith: Modularity in Next Generation Integrated Library Systems KW: integrated library system; electronic resource management; ILS; ERM IssD: 2006-06-02 Pub: Publisher:

ABS: Drawing on recent presentations and panel discussions at the 2006 Endeavor EndUser conference, the III Director's Forum, and the University of Kentucky, Zoe,

Adam and Karen will speculate on the future of the integrated library system and its sometime partner, the e-resource management system. Collection: Committee on Professional Development

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/3117> Visits: 133

AU: Chandler, Adam TI: How OpenURL Link Resolvers Work and Why Librarians and A&I Database Vendors Should Understand Them KW: OpenURL IssD: 2006-06-02 Pub: Publisher:

ABS: Drawing from experience implementing CUL's new WebBridge link resolver, Adam Chandler will describe how link resolvers work through the entire supply chain, from the A&I index to the link resolver and back out to the "appropriate copy."

Collection: Committee on Professional Development

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/3120> Visits: 112

AU: Joos, Nicole; Andrews, Camille TI: Forging International Partnerships to Foster Access to Science Literature in the Developing World KW: international IssD: 2006-06-02 Pub: Publisher:

ABS: Nicole Joos's presentation will explore how Mann Library, in partnership with publishers and international organizations, is assessing, tailoring, promoting and delivering three programs that provide access to e-journals to meet the needs and technologies of developing world researcher libraries. Camille Andrews will discuss the rewards and challenges of providing services to distant patrons in the developing world as well of international partnerships in general. Collection: Committee on Professional Development

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/3121> Visits: 104

AU: Lamb-Deans, Debra; Martinez, Ida; Mills, Thomas; Solla, Leah TI: Instruction Construction: Structuring Multi-session Classes KW: instruction IssD: 2006-06-02 Pub: Publisher:

ABS: This panel will discuss structuring information and research classes, with specific emphasis on managing multiple session courses. The panel speakers, who teach multi-session classes, will explain how they develop syllabi, assignments, and course resources and incorporate their classes i Collection: Committee on Professional Development

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/3119> Visits: 120

AU: Markowitz, Susan; Heyns, Erla TI: Panel Discussion on the Academic Promotion Process KW: IssD: 2006-06-02 Pub: Publisher:

ABS: Come prepared with your questions and participate in an informal discussion with a panel that includes the chairs of previous Review Boards for Promotion to Librarian and Associate Librarian and the chair of the Academic Personnel Policy Committee, including: Bob Kibbee, Tony Cosgrave, Debra Lamb-Deans, Scott Wicks, Susan Markowitz and Erla Heyns. Collection: Committee on Professional Development

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/3122> Visits: 104

AU: Martinez, Ida TI: Teaching Library Research Strategies for Credit: Lessons for Librarians from LSP101 KW: instruction IssD: 2006-06-01 Pub: Publisher:

ABS: LSP101: Research Strategies in Latino Studies has been offered for three consecutive spring semesters. This presentation will offer a brief history of the course's development, feedback from students and professors, successes and challenges, and implications for future library credit-course offerings at the undergraduate level.

Collection: Committee on Professional Development

File: martinez_06.ppt Desc: Description: PowerPoint presentation Size: 76800

URI: <http://hdl.handle.net/1813/3108> Visits: 99

AU: Mericle, Danielle; Patrick, Fiona; Kuo, Melissa TI: Technical Challenges of Implementing the Faculty Grants: 2 Case Studies KW: digitization IssD: 2006-06-02 Pub: Publisher:

ABS: Cornell University Library is now completing its second year of its Faculty Grants for Digital Library Collections Program. The goal of this presentation is to discuss some of the technical issues and challenges brought up by these collaborations, which are different than internal digitization projects. Three case studies will be used to illustrate the scope and diversity of these grants. Collection: Committee on Professional Development

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/3118> Visits: 161

AU: Revels, Ira TI: Building a Collaborative Digitization Project Using CONTENTdm: An Overview of the Technology Used for the HBCU-CUL Digitization Initiative KW: digitization IssD: 2006-06-02 Pub: Publisher:

ABS: This presentation will explore a variety of national collaborative digitization initiatives underway that utilize CONTENTdm digital collection management software. Ira Revels will discuss selection for collaborative projects, shared metadata standards, and how CONTENTdm makes collaborations easier. Collection: Committee on Professional Development

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/3116> Visits: 118

AU: Thomas, Sarah; Dean, John TI: Professional Development Week Reception Remarks and Lecture, May 2006 KW: IssD: 2006-06-02 Pub: Publisher:

ABS: Wine & Hors d'oeuvres Reception, Lecture and Poster Session for beginning of Professional Development Week held on Monday, May 22, 2006. Opening Remarks by Sarah Thomas and talk--"Cornell's Global Preservation Efforts"--by John Dean Collection: Committee on Professional Development

File: pdw_06_thomas_dean.mp3 Desc: Description: Size: 33870336

URI: <http://hdl.handle.net/1813/3115> Visits: 106

AU: Mateas, Michael; Stern, Andrew TI: Facade KW: Interactive cinema; Interactive theater IssD: 2005-07 Pub: Publisher:

ABS: Facade is an artificial intelligence-based art/research experiment in electronic narrative - an attempt to move beyond traditional branching or hyper-linked narrative to create a fully-realized, one-act interactive drama. Integrating an interdisciplinary set of artistic practices and artificial intelligence technologies, the creators have completed a

five year collaboration to engineer a novel architecture for supporting emotional, interactive character behavior and drama-managed plot. Within this architecture the creators have built a dramatically interesting, real-time 3D virtual world inhabited by computer-controlled characters, in which the player experiences a story from a first-person perspective. Facade was publicly released as a freeware download / cd-rom in July 2005. Collection: Computer Games and Net Art

File: license.txt Desc: Description: Size: 1796

URI: <http://hdl.handle.net/1813/2463> Visits: 524

AU: TI: Cornell Alumni News Vol. 05, No. 1 - No. 34, 1902 - 1903 KW: Cornell University; Alumni; News IssD: 1903 Pub: Publisher:

ABS: Cornell Alumni News Vol. 5, No. 1 - No. 34, 1902 - 1903. Please note the following: Issue 1 contains a Volume Index. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93

File: 005_01.pdf Desc: Description: Volume Index + No. 1 Size: 7470711

URI: <http://hdl.handle.net/1813/3167> Visits: 205

AU: TI: Cornell Alumni News Vol. 06, No. 1 - No. 39, 1903 - 1904 KW: Cornell University; Alumni; News IssD: 1904 Pub: Publisher:

ABS: Cornell Alumni News Vol. 6, No. 1 - No. 39, 1903 - 1904. Please note the following: Issue 1 is missing Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93

File: 006_02.pdf Desc: Description: No. 2 (note No. 1 is missing) Size: 5738863

URI: <http://hdl.handle.net/1813/3168> Visits: 94

AU: TI: Cornell Alumni News Vol. 10, No. 1 - No. 40, 1907 - 1908 KW: Cornell University; Alumni; News IssD: 1908 Pub: Publisher:

ABS: Cornell Alumni News Vol. 10, No. 1 - No. 40, 1907 - 1908. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93

File: 010_40.pdf.txt Desc: Description: Extracted text Size: 62570

URI: <http://hdl.handle.net/1813/3172> Visits: 116

AU: TI: Cornell Alumni News Vol. 11, No. 1 - No. 40, 1908 - 1909 KW: Cornell University; Alumni; News IssD: 1909 Pub: Publisher:

ABS: Cornell Alumni News Vol. 11, No. 1 - No. 40, 1908 - 1909. Please note the following: Issue 40 contains a Volume Index. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93

File: 011_40.pdf.txt Desc: Description: Extracted text Size: 105597

URI: <http://hdl.handle.net/1813/3173> Visits: 136

AU: TI: Cornell Alumni News Vol. 04, No. 1 - No. 36, 1901 - 1902 KW: Cornell University; Alumni; News IssD: 1902 Pub: Publisher:

ABS: Cornell Alumni News Vol. 4, No. 1 - No. 36, 1901 - 1902. Please note the following: Issue 1 contains a Volume Index. Issue 24 is missing Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93

File: 004_01.pdf Desc: Description: Volume Index + No. 1 Size: 7108891

URI: <http://hdl.handle.net/1813/3166> Visits: 100

AU: TI: Cornell Alumni News Vol. 08, No. 1 - No. 40, 1905 - 1906 KW: Cornell University; Alumni; News IssD: 1906 Pub: Publisher:
ABS: Cornell Alumni News Vol. 8, No. 1 - No. 40, 1905 - 1906. Please note the following: Issue 40 contains a Volume Index. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93
File: 008_40.pdf.txt Desc: Description: Extracted text Size: 136733
URI: <http://hdl.handle.net/1813/3170> Visits: 111

AU: TI: Cornell Alumni News Vol. 09, No. 1 - No. 40, 1906 - 1907 KW: Cornell University; Alumni; News IssD: 1907 Pub: Publisher:
ABS: Cornell Alumni News Vol. 9, No. 1 - No. 40, 1906 - 1907. Please note the following: Issue 40 contains a Volume Index. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93
File: 009_40.pdf.txt Desc: Description: Extracted text Size: 148487
URI: <http://hdl.handle.net/1813/3171> Visits: 113

AU: TI: Cornell Alumni News Vol. 07, No. 1 - No. 40, 1904 - 1905 KW: Cornell University; Alumni; News IssD: 1905 Pub: Publisher:
ABS: Cornell Alumni News Vol. 7, No. 1 - No. 40, 1904 - 1905. Please note the following: Issue 40 contains a Volume Index. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93
File: 007_01.pdf Desc: Description: No. 1 Size: 5087295
URI: <http://hdl.handle.net/1813/3169> Visits: 113

AU: TI: Cornell Alumni News Vol. 02, No. 1 - No. 36, 1899 - 1900. KW: Cornell University; Alumni; News IssD: 1900 Pub: Publisher:
ABS: Cornell Alumni News Vol. 2, No. 1 - No. 36, 1899 - 1900. Please note the following: Issue 1 contains a Volume Index. Issue 28 is missing and 002_035s.pdf is a Special Issue. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93
File: 002_36.pdf.txt Desc: Description: Extracted text Size: 94916
URI: <http://hdl.handle.net/1813/3164> Visits: 120

AU: TI: Cornell Alumni News Vol. 03, No. 1 - No. 37, 1900 - 1901. KW: Cornell University; Alumni; News IssD: 1901 Pub: Publisher:
ABS: Cornell Alumni News Vol. 3, No. 1 - No. 37, 1900 - 1901. Please note the following: Issue 1 contains a Volume Index. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93
File: 003_01.pdf Desc: Description: Volume Index + No. 1 Size: 8161984
URI: <http://hdl.handle.net/1813/3165> Visits: 110

AU: TI: Cornell Alumni News Vol. 01, No. 1 - No. 12, April - June 1899 KW: Cornell University; Alumni; News IssD: 1899 Pub: Publisher:
ABS: Cornell Alumni News Vol. 1, No. 1 - No. 12, April - June 1899. Please note: issue 3 is missing. Collection: Cornell Alumni News, Vol. 1, 1899 - Vol. 95, 1992/93
File: 001_01.pdf Desc: Description: No. 1 Size: 4692548
URI: <http://hdl.handle.net/1813/3163> Visits: 83

AU: Steele, William TI: Workshop on new DSpace digital archive options set for May 9
KW: DSpace; Electronic Publishing; Open Access IssD: 2005-05-05 Pub: Publisher:

ABS: Cor Collection: Cornell Conference on Open Access Scholarship
File: 08a Cornell Chronicle.pdf Desc: Description: Article Size: 266417
URI: <http://hdl.handle.net/1813/1517> Visits: 779

AU: Thomas, Sarah TI: The Cornell Library and Its Contributions to Open Access KW: Open Access; Library; institutional repository IssD: 2005-06-24 Pub: Publisher:
ABS: This presentation discusses the Cornell Library's approach to Open Access including examples of initiatives launched by the Library. The presenter was Sarah E. Thomas, C. A. Kroch University Librarian. Collection: Cornell Conference on Open Access Scholarship
File: 02 Thomas 09May05.pdf Desc: Description: Size: 683479
URI: <http://hdl.handle.net/1813/1511> Visits: 480

AU: TI: A translation of the treatise Chagigah from the Babylonian Talmud KW: Religion; Judaism; Talmud; Chagigah IssD: 1891 Pub: Publisher:
ABS: The Talmud is among the great books of wisdom. This work was the first attempt to set Talmudic treatises, with both Mishnah and Gemara, in its entirety before the English reader. Translated by A.W. Stearne. Collection: Cornell Library Digital Books Online
File: cdl036.jpg Desc: Description: Image of Front Page Size: 14720
URI: <http://hdl.handle.net/1813/2592> Visits: 430

AU: TI: The Book of Mormon; an account written by the hand of Mormon upon plates taken from the plates of Nephi. (Translated by Joseph Smith, Jr.) KW: Religion; Mormon; Church of Jesus Christ of Latter-day Saints IssD: 1921 Pub: Publisher:
ABS: The Book of Mormon is a volume of scripture which records God's dealings with the ancient inhabitants of the Americas. Translated by Joseph Smith, Jr. (1805-1844), the founding prophet of The Church of Jesus Christ of Latter-day Saints, this book is accepted by the Church of Jesus Christ of Latter-day Saints as containing the fullness of the everlasting gospel. Collection: Cornell Library Digital Books Online
File: rel027.jpg Desc: Description: Image of Front Page Size: 23362
URI: <http://hdl.handle.net/1813/2586> Visits: 388

AU: Bonaventure, Saint TI: Les meditations de la vie du Christ. Traduites en francais par Henry de Riancey. KW: Jesus Christ; Biography; Meditations IssD: 1914 Pub: Publisher:
ABS: St. Bonaventure is proclaimed a Doctor of the Church by the Roman Catholic Church. He was Cardinal-Bishop of Albano, Minister General of the Friars Minor, born at Bagnorea in the vicinity of Viterbo in 1221; died at Lyons, 16 July, 1274. Bonaventure's theological writings may be classed under four heads: dogmatic, mystic, exegetical, and homiletic. Only a small part of Bonaventure's writings is properly mystical. These are characterized by brevity and by a faithful adherence to the teaching of the Gospel. Perhaps the best known of Bonaventure's other mystical and ascetical writings is a series of forty-eight devout meditations on the life of Christ. Collection: Cornell Library Digital Books Online
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/2591> Visits: 566

AU: Kammen, Carol; LeFeber, Walter (Foreword) TI: Cornell: Glorious to View KW: Cornell University -- History IssD: 2003 Pub: Publisher:

ABS: The steep hills and dramatic gorges of Ithaca were the setting for a revolution in American education when, in the 1860s, a self-made man sought "to do the most good . . . to the poor and to posterity." Ezra Cornell's philanthropy, enhanced with funds from the Morrill Land Grant Act and enlarged by the vision of educator Andrew Dickson White, created what has been called the first American university - a modern, democratic, research-oriented institution open to young men and women of all creeds and races. Reflecting the ideas of its founders, Cornell University has combined the industrial science and technology of America with the humanis Collection: Cornell Library Digital Books Online

File: 00 Cornell FM.pdf Desc: Description: Front Matter: Table of Contents, Preamble, Foreword, Preface Size: 1576431

URI: <http://hdl.handle.net/1813/3091> Visits: 169

AU: Renan, Ernest TI: The History of the Origins of Christianity KW: Religion; Christianity; Church History; Early Church; Primitive Church IssD: 1890 Pub: Publisher:

ABS: Ernest Renan was a French philosopher, historian, and scholar of religion. He trained for the priesthood but left the Catholic church in 1845, feeling that its teachings were incompatible with the findings of historical criticism, though he retained a quasi-Christian faith in God. His seven-volume History of the Origins of Christianity (1863-90) includes his Life of Jesus (1863); an attempt to recons Collection: Cornell Library Digital Books Online

File: renan.html Desc: Description: Link to Books Size: 4291

URI: <http://hdl.handle.net/1813/2589> Visits: 766

AU: Stanton, Elizabeth Cady TI: The Woman's Bible KW: Religion; Feminism; Bible; Commentaries; Women IssD: 1895 Pub: Publisher:

ABS: The publication of The Woman's Bible in 1895 and 1898 represented the feminist pioneer's last strike at the roots of the ideology behind her gender's subordinate role in society. In keeping with her characteristic radical individualism, Stanton attacks religious orthodoxy on a political rather than scholarly basis. This clarion call to action consists of a book-by-book examination of the Bible, placing events in their historical context, interpreting passages as both allegory and fact, and comparing them with the myths of other cultures. It endures as an extraordinary document because of the questions it addresses, the topics it covers, and its still-resonant sincerity. Collection: Cornell Library Digital Books Online

File: 818_001.pdf Desc: Description: Part 1: Front Matter Size: 948891

URI: <http://hdl.handle.net/1813/2585> Visits: 735

AU: Swedenborg, Emanuel TI: Heaven and its wonders and hell : from things heard and seen KW: Religion; Heaven; Hell; Theology IssD: 1911 Pub: Publisher:

ABS: Emmanuel Swedenborg's most famous work is a description of the many heavens and hells that make up the great 18th-century thinker's cosmology, at once perfectly logical and perfectly eccentric. Swedenborg's afterworld is a kind of reflection and amplification of our own, and his vision of moving and active collective of heavens, occupied by the very real blessed dead, has been a tremendous influence on Goethe, Emerson, and Jorge Luis Borges, among many others. Collection: Cornell Library Digital Books Online

File: rel026.jpg Desc: Description: Image of Front Page Size: 10010

URI: <http://hdl.handle.net/1813/2588> Visits: 515

AU: Welsey, John TI: The heart of John Wesley's Journal; with an introduction by Hugh Price Hughes, and an appreciation of the Journal by Augustine Birrell, ed. by Percy Livingstone Parker KW: Religion; Christianity; John Wesley IssD: 1903 Pub: Publisher:
ABS: John Wesley's Journal, edited by his own hand, offers a unique view into the life and ministry of one of the 18th century's great religious leaders and the reforms he helped to promote. Collection: Cornell Library Digital Books Online
File: 825_001.pdf Desc: Description: List of Illustrations and Introduction Size: 2822908
URI: <http://hdl.handle.net/1813/2587> Visits: 458

AU: White, Andrew Dickson TI: A History of the Warfare of Science with Theology (Vol.2) KW: History; Religion; Science IssD: 1896 Pub: Publisher:
ABS: This extraordinary and scarce work by Andrew Dickson White (1832-1918), a professor and co-founder of Cornell University, is a unique study of the progress of humankind under two duelling forces: theology and science. White traces the evolution of human thought through a series of contrasts of ancient and modern theories of the world to show the impact of scientific research on the outmoded attitude of biblical literalism. Taking in an enormous range of subjects--including geography, astronomy, geology, chemistry, physics, medicine, psychology and economics--White illustrates the victory of empiricism over superstition, of scientific method and 'reason' over fundamentalism. White's aim was to show that the Church's attacks on scientific progress resulted in 'the direst evils both to religion and to science' and, more broadly, his study points up the dangers inherent in the religious control of higher education (at a time when nearly all universities in the USA and Europe were still under ecclesiastical control). Cornell University was established on the principle that education should not be under the control of political parties or religious sects--an idea greeted at the time with hostile accusations of Darwinism and atheism. But White was in fact deeply religious and his hope was to strengthen and purify theology by eliminating its antiscientific concerns. This excellent treatise finds special relevance today when academic freedom is once again under pressure from political and religious groups. It should now find a place in the libraries of all theologians, philosophers and historians. Collection: Cornell Library Digital Books Online
File: Front_Matter.pdf Desc: Description: Cover and Front Matter Size: 2992495
URI: <http://hdl.handle.net/1813/2317> Visits: 1068

AU: White, Andrew Dickson TI: A History of the Warfare of Science with Theology (Vol.1) KW: Religion; Christianity; Science IssD: 1896 Pub: Publisher:
ABS: This extraordinary and scarce work by Andrew Dickson White (1832-1918), a professor and co-founder of Cornell University, is a unique study of the progress of humankind under two duelling forces: theology and science. White traces the evolution of human thought through a series of contrasts of ancient and modern theories of the world to show the impact of scientific research on the outmoded attitude of biblical literalism. Taking in an enormous range of subjects--including geography, astronomy, geology, chemistry, physics, medicine, psychology and economics--White illustrates the victory of empiricism over superstition, of scientific method and 'reason' over fundamentalism. White's aim was to show that the Church's attacks on scientific progress resulted in 'the direst evils both to religion and to science' and, more broadly, his study points up the dangers inherent in the religious control of higher education (at

a time when nearly all universities in the USA and Europe were still under ecclesiastical control). Cornell University was established on the principle that education should not be under the control of political parties or religious sects--an idea greeted at the time with hostile accusations of Darwinism and atheism. But White was in fact deeply religious and his hope was to strengthen and purify theology by eliminating its antiscientific concerns. This excellent treatise finds special relevance today when academic freedom is once again under pressure from political and religious groups. It should now find a place in the libraries of all theologians, philosophers and historians.
Collection: Cornell Library Digital Books Online
File: Front_Matter.pdf Desc: Description: Cover and Front Matter Size: 2249920
URI: <http://hdl.handle.net/1813/2316> Visits: 1298

AU: Stewart, Derek TI: Muffin Tins, Green's Functions, and more! KW: electronic structure; transport; green's function; nanoscale; multiple scattering theory IssD: 2006-06-05 Pub: Publisher:
ABS: This presentation was originally presented as part of the 2005 Cornell Nanoscale Facility Fall Workshop, "Modeling the Nanoscale World". An overview of multiple scattering theory and how it relates to electronic structure in materials is provided. In addition, different approaches based on this theory such as the Korringa Kohn Rostoker (KKR) technique and the linear muffin-tin orbital approach (LMTO) are described. Finally an overview of Green's function techniques related to nanoscale transport is also provided. Collection: Cornell NanoScale Facility Papers, Research and Monographs
File: muffin_tins_greens_functions_and_more.pdf Desc: Description: Size: 590108
URI: <http://hdl.handle.net/1813/3131> Visits: 118

AU: TI: 99-372*A Tradescantia (Andersoniana Group) 'Blue Stone' KW: Tradescantia; Andersoniana Group; Blue Stone; Commelinaceae; Spiderwort; Veronica's Nursery IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: nuisance.pdf Desc: Description: Size: 110779
URI: <http://hdl.handle.net/1813/2178> Visits: 17

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 23, August 1978 KW: Chemistry IssD: 1978-08 Pub: Publisher:
ABS: Newsletter Number 23 begins with a list of Faculty Honors & Awards, and the Degrees Awarded: 42 Chemistry Majors received their B.A. degrees at the May 30th Commencement. 27 graduate students in Chemistry received their Ph.D. degrees during the academic year 1977-78 and 33 M.S. degrees were awarded. Collection: Cornell Waste Management Institute
File: nuisance.pdf Desc: Description: Size: 110779
URI: <http://hdl.handle.net/1813/2176> Visits: 6

AU: Bonhotal, Jean; Harrison, Ellen Z TI: Compost Pads KW: compost; manure management IssD: 2005-12 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: compostfs6.pdf Desc: Description: Size: 458544
URI: <http://hdl.handle.net/1813/2540> Visits: 469

AU: Bonhotal, Jean; Harrison, Ellen Z. TI: Testing Composts KW: compost testing; manure management IssD: 2004 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/2313> Visits: 517

AU: Bonhotal, Jean; Harrison, Ellen Z. TI: Regulation and Certification of Composts KW: compost regulation; compost certification; manure management IssD: 2004 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: compostfs2.pdf Desc: Description: Size: 144042
URI: <http://hdl.handle.net/1813/2311> Visits: 424

AU: Bonhotal, Jean; Harrison, Ellen Z. TI: Compost Bulking Materials KW: compost; bulking material; manure management IssD: 2004 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: compostfs5.pdf Desc: Description: Size: 329494
URI: <http://hdl.handle.net/1813/2314> Visits: 529

AU: Bonhotal, Jean; Harrison, Ellen Z. TI: Improving and Maintaining Compost Quality KW: compost quality; manure management IssD: 2004 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: compostfs3.pdf Desc: Description: Size: 653825
URI: <http://hdl.handle.net/1813/2312> Visits: 490

AU: Bonhotal, Jean; Harrison, Ellen Z. TI: Compost Equipment KW: compost equipment; manure management IssD: 2006-06 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: compostfs7.pdf Desc: Description: Size: 468545
URI: <http://hdl.handle.net/1813/3286> Visits: 8

AU: Bonhotal, Jean; Harrison, Ellen, Z. TI: Marketing Composts and Meeting Consumer Needs KW: compost; marketing; agricultural waste; manure management IssD: 2004 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: compostfs1.pdf Desc: Description: Size: 197696
URI: <http://hdl.handle.net/1813/2310> Visits: 445

AU: Bonhotal, Jean; Telega, Lee; Petzen, Joan TI: Natural Rendering: Composting Livestock Mortality and Butcher Waste KW: compost; natural rendering; livestock mortality; butcher waste IssD: 2002 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/2149> Visits: 648

AU: Brown, Nellie J. TI: Health and Safety Guidance for Composting in the School Setting KW: composting; health and safety; classroom; school IssD: 2005 Pub: Publisher:
ABS: Collection: Cornell Waste Management Institute
File: health.pdf Desc: Description: Size: 38122

URI: <http://hdl.handle.net/1813/2182> Visits: 512

AU: Harrison, Ellen Z. TI: Home Garden Use of Milorganite KW: Milorganite; sludge; fertilizer IssD: 2006-04 Pub: Publisher:

ABS: Collection: Cornell Waste Management Institute

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/2858> Visits: 229

AU: Harrison, Ellen Z.; Bonhotal, Jean TI: Preventing Animal Nuisances in Small Scale Composting KW: backyard composting, compost bins, rodents IssD: 2005 Pub: Publisher:

ABS: Collection: Cornell Waste Management Institute

File: nuisance.pdf Desc: Description: Size: 110779

URI: <http://hdl.handle.net/1813/2177> Visits: 539

AU: Harrison, Ellen Z.; Olmstead, Dan; Bonhotal, Jean; Regenstein, Joe M. TI: Health and Safety Guidance for Small Scale Composting KW: composting; health and safety IssD: 2004 Pub: Publisher:

ABS: Collection: Cornell Waste Management Institute

File: SmallScaleGuidance.pdf Desc: Description: Size: 97099

URI: <http://hdl.handle.net/1813/2181> Visits: 561

AU: Harrison, Ellen Z.; Telega, Lee; McBride, Murray; Bossard, Shawn; Chase, Larry; Bouldin, David; Czymmek, Karl TI: Considerations for Dairy Farms Regarding Use of Sewage Sludges, Sludge Products and Septage KW: sewage sludge; septage; land application; dairy farms IssD: 2003-11 Pub: Publisher:

ABS: Sewage sludges and sludge-based products can be used as agricultural soil amendments. They can provide a free or low-cost source of organic matter, nutrients and sometimes lime. Those entities responsible for sludge management provide farmers with their assessment of the benefits of land application. There are specific considerations regarding sludge use on dairy farms for animal, human, soil and plant health as well as for relationships with neighbors. This document is intended to help dairy farmers and their advisors make informed decisions regarding the use of sewage sludges, sludge-based products and septage and to outline measures that can reduce the risks that may be associated with application on dairy farms. Collection: Cornell Waste Management Institute

File: DairySludge.pdf Desc: Description: Size: 487267

URI: <http://hdl.handle.net/1813/2147> Visits: 508

AU: Bethe, Monica; Brazell, Karen TI: Dance in the Noh Theater, Volume 2: Plays and Scores KW: dance; plays; scores IssD: 1982 Pub: Publisher:

ABS: Collection: Dance in the Noh Theater

File: CU East Asia Series No29 vol 2.pdf Desc: Description: Size: 8660177

URI: <http://hdl.handle.net/1813/90> Visits: 1573

AU: Bethe, Monica; Brazell, Karen TI: Dance in the Noh Theater, Volume 1: Dance Analysis KW: IssD: 1982 Pub: Publisher:

ABS: Collection: Dance in the Noh Theater

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/34> Visits: 2123

AU: Bethe, Monica; Brazell, Karen TI: Dance in the Noh Theater, Volume 3: Dance Patterns KW: Dance; Patterns; No Theater; East Asia IssD: 1982 Pub: Publisher:

ABS: Collection: Dance in the Noh Theater

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/49> Visits: 2109

AU: Daniel, Sharon TI: Rockefeller New Media Foundation Proposal KW: Art; Political Art; Sculpture; Video; Installation; Social Aesthetics; Activism IssD: 2006-06-30 Pub: Publisher:

ABS: "Need_X_Change," is designed to help the staff and clients of Casa Segura, an HIV prevention and needle exchange clinic in Oakland, California attain social and political "voice", through communication with their local community and participation in the global information culture. There are an estimated 22,000 injection drug users in Oakland and Alameda County, California. A total of 37.8% of all AIDS cases in Alameda County are related to injection drug use. Needle exchange programs are a proven method of reducing needle-related HIV risk behaviors among injection drug users. Casa Segura is a community based organization that provides easily accessible services to promote health and stop the spread of HIV, Hepatitis C, and other drug related harm among people who use drugs, their families and their community. The "voices" of the many individuals who both use and st Collection: Daniel, Sharon

File: Daniel_Sharon.pdf Desc: Description: Size: 2645414

URI: <http://hdl.handle.net/1813/3248> Visits: 52

AU: TI: 03-305*A Hydrangea macrophylla 'Lemon Wave' KW: Hydrangea macrophylla; Lemon Wave; Saxifragaceae; Lacecap Hydrangea; Klehm Nursery IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: Deans Garden

File: 03-305A_FL.jpg Desc: Description: Image of Flower Size: 251901

URI: <http://hdl.handle.net/1813/1223> Visits: 247

AU: TI: 80-256*A Epimedium xyoungianum 'Niveum Yenomoto Form' KW: Epimedium xyoungianum; Niveum Yenomoto Form; Berberidaceae; Bishop's Cap; The Wild Garden Nursery IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden

File: 80-256A_FL.jpg Desc: Description: Image of Flower Size: 370871

URI: <http://hdl.handle.net/1813/917> Visits: 137

AU: TI: 88-299*C Fothergilla gardenii 'Blue Mist' Gold Medal KW: Fothergilla gardenii; Blue Mist; Hamamelidaceae; Gold Medal; Dwarf Fothergilla; Michale A. Dirr IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden

File: 88-299C_FL.jpg Desc: Description: Image of Flower Size: 402617

URI: <http://hdl.handle.net/1813/924> Visits: 177

AU: TI: 00-417*A Coreopsis auriculata 'Nana' KW: Coreopsis auriculata; Nana; Asteraceae; Dwarf Tickseed; The Plantsmen Nursery IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Deans Garden

File: 00-417A_FL.jpg Desc: Description: Image of Flower Size: 314703
URI: <http://hdl.handle.net/1813/1210> Visits: 806

AU: TI: 01-361*A Hydrangea serrata 'Komachi' PRETTY MAIDEN KW: Hydrangea serrata; Komachi; Saxifragaceae; Pretty Maiden; Lacecap Hydrangea; Crownsville Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Deans Garden

File: 01-361A_FL.jpg Desc: Description: Image of Flower Size: 203084
URI: <http://hdl.handle.net/1813/1212> Visits: 361

AU: TI: 02-386*A Hosta 'Austin Dickinson' KW: Hosta; Austin Dickinson; Liliaceae; Plantain Lily; Sunny Border Ohio IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 02-380C_FL.jpg Desc: Description: Image of Flower Size: 312440
URI: <http://hdl.handle.net/1813/1214> Visits: 149

AU: TI: 92-172*A Hosta 'Golden Bullion' KW: Hosta; Golden Bullion; Liliaceae; Plantain Lily; Sunny Farms Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 92-172A_PL.jpg Desc: Description: Size: 546128
URI: <http://hdl.handle.net/1813/1233> Visits: 97

AU: TI: 92-175*A Hosta 'Color Glory' KW: Hosta; Color Glory; Liliaceae; Plantain Lily; Shady Oaks Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 92-175A_FL.jpg Desc: Description: Size: 284763
URI: <http://hdl.handle.net/1813/1234> Visits: 124

AU: TI: 86-034*A Brunnera macrophylla KW: Brunnera macrophylla; Boraginaceae; Siberian Bugloss; White Flower Nursery IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden

File: 86-034A_FL.jpg Desc: Description: Image of Flower Size: 307800
URI: <http://hdl.handle.net/1813/919> Visits: 153

AU: TI: 00-631*C Ajuga 'Valfredda' CHOCOLATE CHIP KW: Ajuga; Valfredda; Lamiaceae; Chocolate Chip Ajuga; Plant Delights IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 00-631C_FL.jpg Desc: Description: Image of Flower Size: 367185
URI: <http://hdl.handle.net/1813/1137> Visits: 346

AU: TI: 02-396*A Nepeta yunnanensis KW: Nepeta yunnanensis; Catmint; Lamiaceae; Western China; Sunny Border Ohio IssD: 2003-06-25 Pub: Publisher:

ABS: Collection: Deans Garden

File: 02-396A_FL.jpg Desc: Description: Image of Flower Size: 323513
URI: <http://hdl.handle.net/1813/1218> Visits: 177

AU: TI: 01-069*A Berberis julianae KW: Berberis julianae; Wintergreen Barberry; Berberidaceae; Central China; Forest Farm Nursery IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden

File: 01-069A_FL.jpg Desc: Description: Image of Flower Size: 386773
URI: <http://hdl.handle.net/1813/912> Visits: 434

AU: TI: 02-422*A Euphorbia 'Froep' EXCALIBUR KW: Euphorbia; Froep; Excalibur; Euphrobiaceae; Spurge; Sunny Border Ohio IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 02-422A_FL.jpg Desc: Description: Image of Flower Size: 338584
URI: <http://hdl.handle.net/1813/1222> Visits: 166

AU: TI: 99-150*A Dryopteris filix-mas 'Cristata Jackson' KW: Dryopteris filix-mas; Cristata Jackson; Dryopteridaceae; Crested Male Fern; Rosalyn Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 99-150A_FO.jpg Desc: Description: Size: 333226
URI: <http://hdl.handle.net/1813/1243> Visits: 591

AU: TI: 87-564*A Hosta 'Shade Fanfare' KW: Hosta; Shade Fanfare; Liliaceae; Plantain Lily; Klehm Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 87-564A_PL.jpg Desc: Description: Image of Flower Size: 452854
URI: <http://hdl.handle.net/1813/1228> Visits: 107

AU: TI: 96-323*A Epimedium xwarleyense 'Orangekonigin' KW: Epimedium xwarleyense; Orangekonigin; Berberidaceae; Epimedium Grandiflorum; Orange Queen; Bishop's Cap; Roslyn Nursery IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: Deans Garden

File: 96-323_FL.jpg Desc: Description: Image of Flower Size: 367707
URI: <http://hdl.handle.net/1813/731> Visits: 145

AU: TI: 73-209*A Hosta ventricosa 'Aureo-maculata' KW: Hosta ventricosa; Aureo-maculata; Liliaceae; Plantain Lily; Arnold Arboretum IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 73-209A_FO.jpg Desc: Description: Image of Flower Size: 466223
URI: <http://hdl.handle.net/1813/1139> Visits: 187

AU: TI: 02-389*B Physostegia virginiana 'Miss Manners' KW: Physostegia virginiana; Miss Manners; Lamiaceae; Obediant Plant; Sunny Border Ohio IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 02-389B_FL.jpg Desc: Description: Image of Flower Size: 252388
URI: <http://hdl.handle.net/1813/1216> Visits: 159

AU: TI: 85-093*B Vancouveria hexandra KW: Vancouveria hexandra; Berberidaceae; West Coast United States IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 85-093B_FO.jpg Desc: Description: Image of Flower Size: 529990
URI: <http://hdl.handle.net/1813/1226> Visits: 100

AU: TI: 86-390*C *Diphylleia cymosa* KW: *Diphylleia cymosa*; Umbrella Leaf; Berberidaceae; WE-DU IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Deans Garden
File: 86-390C_FL.jpg Desc: Description: Image of Flower Size: 337103
URI: <http://hdl.handle.net/1813/921> Visits: 146

AU: TI: 03-520*A Hosta 'Revolution' KW: Hosta; Revolution; Hostaceae; Plantain Lily; Paradise Garden Nursery IssD: 2003-07-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 03-520A_PL.jpg Desc: Description: Image of Plant Size: 338769
URI: <http://hdl.handle.net/1813/1224> Visits: 210

AU: TI: 92-186*A Hosta 'Frosted Jade' KW: Hosta; Frosted Jade; Liliaceae; Plantain Lily; Crownsville Nursery IssD: 2003-07-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 92-186A_PL.jpg Desc: Description: Size: 578007
URI: <http://hdl.handle.net/1813/1235> Visits: 283

AU: TI: 92-187*B Hosta 'Neat Splash Rim' KW: Hosta; Golden Bullion; Liliaceae; Plantain Lily; Crownsville Nursery IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Deans Garden
File: 92-187B_PL.jpg Desc: Description: Size: 523674
URI: <http://hdl.handle.net/1813/1236> Visits: 108

AU: TI: 86-275*A *Polygonatum falcatum* KW: *Polygonatum falcatum*; Liliaceae; Dwarf Solomon's Seal; Japan; Korea; Siskiyou Nursery IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 86-275A_FL.jpg Desc: Description: Image of Flower Size: 402665
URI: <http://hdl.handle.net/1813/1144> Visits: 107

AU: TI: 95-196*A *Cornus 'Rutcan'* CONSTELLATION (Stellar Series) KW: *Cornus*; Rutcan; Cornaceae; Constellation; Stellar Series; Florikous Dogwood; Edgewood Nursery IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 95-196A_FL.jpg Desc: Description: Image of Flower Size: 385405
URI: <http://hdl.handle.net/1813/1151> Visits: 145

AU: TI: 95-061*A *Halesia diptera* var. *magniflora* Gold Medal KW: *Halesia diptera* var. *magniflora*; Gold Medal; Styracaceae; Two-Winged Silverbell; Northern Florida; Fairweather Gardens IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 95-061A_FL.jpg Desc: Description: Image of Flower Size: 352287
URI: <http://hdl.handle.net/1813/1150> Visits: 124

AU: TI: 02-410*A Hosta 'Grand Tiara' KW: Hosta; Grand Tiara; Liliaceae; Plantain Lily; Bridgewood Gardens IssD: 2003-07-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 02-410A_PL.jpg Desc: Description: Image of Plant Size: 486208
URI: <http://hdl.handle.net/1813/1219> Visits: 167

AU: TI: 85-164*B *Halesia tetraptera* var. *tetraptera* KW: *Halesia tetraptera* var. *tetraptera*; *Styracaceae*; Silverbell; Michigan; New York; Texas; Schichtel's Nursery IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden

File: 85-164B_FL.jpg Desc: Description: Image of Flower Size: 268515

URI: <http://hdl.handle.net/1813/918> Visits: 213

AU: TI: 99-382*A *Hosta 'Hirao Supreme'* KW: *Hosta*; *Hirao Supreme*; *Liliaceae*; Plantain Lily; Bridgewood Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 99-382A_PL.jpg Desc: Description: Size: 527614

URI: <http://hdl.handle.net/1813/1245> Visits: 601

AU: TI: 97-376*A *Hemerocallis 'Siloam Bo Peep'* Award of Merit Honorable Mention KW: *Hemerocallis*; *Siloam Bo Peep*; Award of Merit Honorable Mention; *Liliaceae*; Miniature-Flowered DayLily IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Deans Garden

File: 97-376_FL.jpg Desc: Description: Size: 234024

URI: <http://hdl.handle.net/1813/1240> Visits: 173

AU: TI: 00-478*A *Athyrium 'Branford Beauty'* KW: *Athyrium*; *Branford Beauty*; *Polypodiaceae*; Sunny Border Ohio IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Deans Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1211> Visits: 409

AU: TI: 02-419*A *Athyrium felix-femina Victoriae* Tall Selection KW: *Athyrium felix-femina Victoriae* Tall Selection; *Polypodiaceae*; *Cruciate Lady Fern*; Sunny Border Ohio IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 02-419A_FO.jpg Desc: Description: Image of Flower Size: 331056

URI: <http://hdl.handle.net/1813/1221> Visits: 155

AU: TI: 85-035*B *Astilbe taquetii 'Superba'* KW: *Astilbe taquetii*; *Superba*; *Saxifragaceae*; White Flower Farm IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Deans Garden

File: 85-035_FL.jpg Desc: Description: Image of Flower Size: 266479

URI: <http://hdl.handle.net/1813/1225> Visits: 160

AU: TI: 85-093*B *Vancouveria hexandra* KW: *Vancouveria hexandra*; *Berberidaceae*; West Coast; United States IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1143> Visits: 114

AU: TI: 02-400*A *Geranium cinereum 'Purple Pillow'* KW: *Geranium cinereum*; *Purple Pillow*; *Geraniaceae*; *Cranesbill*; Sunny Border Ohio IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden

File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/916> Visits: 243

AU: TI: 94-034*A *Hypericum frondosum* KW: *Hypericum frondosum*; Culsiaceae; Shrubby St. Johnswort; Southeastern United States; Forest Farm Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden
File: 94-034D_FL.jpg Desc: Description: Size: 275871
URI: <http://hdl.handle.net/1813/1237> Visits: 104

AU: TI: 02-389*A *Physostegia virginiana* 'Miss Manners' KW: *Physostegia virginiana*; Miss Manners; Lamiaceae; Obediant Plant; Sunny Border Ohio IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden
File: 02-389A_FL.jpg Desc: Description: Image of Flower Size: 226284
URI: <http://hdl.handle.net/1813/1215> Visits: 151

AU: TI: 02-380*C *Buddleia davidii* 'Monum' NANHOE PURPLE KW: *Buddleia davidii*; Monum; Loganiaceae; Nanhoe Purple; Butterfly Bush; Plantasia Nursery IssD: 2003-06-25 Pub: Publisher:

ABS: Collection: Deans Garden
File: 02-380C_FL.jpg Desc: Description: Image of Flower Size: 312440
URI: <http://hdl.handle.net/1813/1213> Visits: 150

AU: TI: 02-392*A *Geranium cinereum* ssp. *subcaulescens* var. *subcaulescens* 'Guisseppi' KW: *Geranium cinereum*; *subcaulescens*; Geraniaceae; Guisseppi; Sunny Border Ohio IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden
File: 02-392A_FL.jpg Desc: Description: Image of Flower Size: 361230
URI: <http://hdl.handle.net/1813/915> Visits: 206

AU: TI: 91-212*A *Wisteria floribunda* 'Royal Purple' KW: *Wisteria floribunda*; Royal Purple; Fabaceae; Japanese Wisteria; John B. Morse IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Deans Garden
File: 91-212A_FL.jpg Desc: Description: Image of Flower Size: 347914
URI: <http://hdl.handle.net/1813/1147> Visits: 150

AU: TI: 92-168*A *Hosta* 'Buckshaw Blue' KW: *Hosta*; Buckshaw Blue; Liliaceae; Plantain Lily; Crownsville Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden
File: 92-168A_PL.jpg Desc: Description: Size: 528066
URI: <http://hdl.handle.net/1813/1231> Visits: 115

AU: TI: 00-476*A *Brunnera macrophylla* 'Variegata' KW: *Brunnera macrophylla*; Variegata; Boraginaceae; Siberian Bugloss; Sunny Border Ohio IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Deans Garden
File: 00-476A_FL.jpg Desc: Description: Image of Flower Size: 400078
URI: <http://hdl.handle.net/1813/911> Visits: 518

AU: TI: 85-056*C Syringa meyeri 'Palibin' GOLD MEDAL KW: Syringa meyeri; Palibin; Oleaceae; Meyer Lilac; White Flower Farm; Gold Medal IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Deans Garden

File: 85-056C_FL.jpg Desc: Description: Image of Flower Size: 428021

URI: <http://hdl.handle.net/1813/1142> Visits: 135

AU: TI: 96-126*A Astilbe koreana KW: Astilbe koreana; Saxifragaceae; Plume Flower; Korea; Northern China; WE-DU Nurseries IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 96-126A_FL.jpg Desc: Description: Size: 368611

URI: <http://hdl.handle.net/1813/1239> Visits: 102

AU: TI: 94-179*A Hosta 'Mildred Seaver' KW: Hosta; Mildred Seaver; Liliaceae; Plantain Lily; Shady Oaks Nursery IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Deans Garden

File: 94-179A_PL.jpg Desc: Description: Size: 568029

URI: <http://hdl.handle.net/1813/1238> Visits: 107

AU: TI: 99-154*C Hydrangea serrata 'Blue Deckle' KW: Hydrangea serrata; Blue Deckle; Saxifragaceae; Lacecap Hydrangea; Wildrose Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Deans Garden

File: 99-154C_FL.jpg Desc: Description: Size: 283064

URI: <http://hdl.handle.net/1813/1244> Visits: 677

AU: TI: 85-185*B Stephanandra incisa 'Crispa' KW: Stephanandra incisa; Crispa; Rosaceae; Dwarf Cutleaf Stephanandra IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Deans Garden

File: 85-185_FL.jpg Desc: Description: Image of Flower Size: 324187

URI: <http://hdl.handle.net/1813/1227> Visits: 149

AU: TI: 97-378*A Hemerocallis 'Velvet Shadows' KW: Hemerocallis; Velvet Shadows; Liliaceae; Miniature DayLily; Woodside Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Deans Garden

File: 97-378A_FL.jpg Desc: Description: Size: 243595

URI: <http://hdl.handle.net/1813/1241> Visits: 776

AU: TI: 92-167*A Hosta 'Great Expectations' KW: Hosta; Great Expectations; Liliaceae; Plantain Lily; Crownsville Nursery IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Deans Garden

File: 92-187B_PL.jpg Desc: Description: Image of Plant Size: 523674

URI: <http://hdl.handle.net/1813/1230> Visits: 141

AU: TI: 92-150*A Geranium sanguineum 'Max Frei' KW: Geranium sanguineum; Max Frei; Geraniaceae; Bloody Cranesbill; Bluemount Nursery IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Deans Garden

File: 92-150A_PL.jpg Desc: Description: Image of Plant Size: 573729

URI: <http://hdl.handle.net/1813/970> Visits: 178

AU: TI: 92-087*A Dryopteris affinis 'Crispa' KW: Dryopteris affinis; Crispa; Polypodiaceae; Golden Shield Fern; Siskiyou Nursery IssD: 2003-07-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 92-087A_FO.jpg Desc: Description: Image of Flower Size: 354118
URI: <http://hdl.handle.net/1813/1229> Visits: 109

AU: TI: 02-411*A Hosta 'Lemon Delight' KW: Hosta; Lemon Delight; Liliaceae; Plantain Lily; Bridgewood Gardens IssD: 2003-07-03 Pub: Publisher:
ABS: Collection: Deans Garden
File: 02-411A_PL.jpg Desc: Description: Image of Plant Size: 465277
URI: <http://hdl.handle.net/1813/1220> Visits: 152

AU: TI: 02-394*A Nepeta longipes KW: Nepeta longipes; Catmint; Lamiaceae; Sunny Border Ohio IssD: 2003-06-25 Pub: Publisher:
ABS: Collection: Deans Garden
File: 02-394A_FL.jpg Desc: Description: Image of Flower Size: 405858
URI: <http://hdl.handle.net/1813/1217> Visits: 151

AU: TI: 98-362*A Hemerocallis 'Pookie Bear' KW: Hemerocallis; Pookie Bear; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-30 Pub: Publisher:
ABS: Collection: Deans Garden
File: 98-362A_FL.jpg Desc: Description: Size: 238418
URI: <http://hdl.handle.net/1813/1242> Visits: 568

AU: Decker, Shawn TI: Rockefeller New Media Foundation Proposal KW: Art; Music; Electronic Media; Computer-generated Music; Interactive Performance Works; Composition IssD: 2006-06-30 Pub: Publisher:
ABS: A Small Migration consists of many piano wires strung roughly 8 or 9 feet above the ground across an open gallery or public space. The wires are attached directly to the gallery walls with tuning blocks, so that the walls of the gallery then act as a "sounding board" for the piece. Each motor is sent a series of short electrical pulses by the microcontroller, causing it to strike the wire, which creates a disturbance that generates sound and also visibly shaking the wire. The rhythmic patterns used are those found in nature, and are constantly accelerating and decelerating. Collection: Decker, Shawn
File: Decker_Shawn.pdf Desc: Description: Size: 2647920
URI: <http://hdl.handle.net/1813/3250> Visits: 47

AU: Fogle, Homer William Jr TI: DX of DKE Special Study #03: Deke House Terms and Expressions, 1966-1970 KW: College societies, Greek letter --Delta Kappa Epsilon; Cornell University, Delta Kappa Epsilon; Deke House (Ithaca N.Y.) --History; Delta Kappa Epsilon --History; Dictionaries IssD: 2006-01-02 Pub: Publisher:
ABS: The author tabulates terms and expressions used within the Delta Chi chapter of Delta Kappa Epsilon at Cornell University during the late Nineteen-Sixties. Collection: Delta Kappa Epsilon History
File: #03 Overt Glossary.pdf Desc: Description: Size: 641202
URI: <http://hdl.handle.net/1813/3254> Visits: 43

AU: Fogle, Homer William Jr TI: DX of DKE Special Study #09: John DeWitt Warner '72
KW: College societies, Greek letter --Delta Kappa Epsilon; Cornell University --Class of
1872; Cornell University, Delta Kappa Epsilon; Deke House (Ithaca N.Y.) --History;
Delta Kappa Epsilon --History; Warner, John DeWitt, 1851-1925 IssD: 2006-07-03 Pub:
Publisher:

ABS: The life of DKE Brother John DeWitt Warner '72 is recounted with a brief
chronology and transcriptions of several published biographies. Warner was a
distinguished statesman, attorney, classics scholar and patron of the arts. He provided
critical leadership to the Delta Kappa Epsilon Fraternity during the period of
centralization circa 1881-1890 and to the Delta Chi Chapter at Cornell University when
the 13 South Avenue lodge was conceived and finally dedicated in 1893. Collection:
Delta Kappa Epsilon History

File: #09 John DeWitt Warner.pdf Desc: Description: Size: 302626

URI: <http://hdl.handle.net/1813/3256> Visits: 50

AU: Fogle, Homer William Jr TI: DX of DKE Special Study #06: Chapter Arms and
Motto KW: College societies, Greek letter --Delta Kappa Epsilon; Cornell University,
Delta Kappa Epsilon; Deke House (Ithaca N.Y.) --History; Delta Kappa Epsilon --
History; Heraldry --United States IssD: 2006-07-06 Pub: Publisher:

ABS: The author reviews the armorial bearings of the Delta Kappa Epsilon Fraternity
and the Delta Chi chapter at Cornell University. Blazons and pictorial renditions are
considered. The Greek mottos of the Fraternity and the chapter are discussed in detail.
A glossary of pertinent heraldic terms is included. Collection: Delta Kappa Epsilon
History

File: #06 Chapter Arms and Motto.pdf Desc: Description: Size: 1946733

URI: <http://hdl.handle.net/1813/3258> Visits: 41

AU: Fogle, Homer William Jr TI: DX of DKE Special Study #01: Pledging in 1967 KW:
Cornell University, Delta Kappa Epsilon; College societies, Greek letter --Delta Kappa
Epsilon; Deke House (Ithaca N.Y.) --History; Delta Kappa Epsilon --History IssD: 1989
Pub: Publisher:

ABS: The author describes the form and substance of the Delta Chi Chapter Pledge
Program as it was conducted in the late Nineteen-Sixties with details concerning bid
signing, communal dining, date nights, flick (motion picture) reports, DKE catechism,
red and black balls, House projects, quiz nights and the pledge skit. Collection: Delta
Kappa Epsilon History

File: #01 Pledging 1967.pdf Desc: Description: Size: 220245

URI: <http://hdl.handle.net/1813/3241> Visits: 43

AU: Fogle, Homer William Jr TI: The Deke House at Cornell: a concise history of the
Delta Chi Chapter of Delta Kappa Epsilon, 1870-1930 KW: Cornell University, Delta
Kappa Epsilon; College societies, Greek letter--Delta Kappa Epsilon; Deke House
(Ithaca N.Y.)--History; Delta Kappa Epsilon--History IssD: 2005-11-25 Pub: Publisher:

ABS: The author recounts the Chapter's founding in 1870, the conduct of meetings,
literary exercises, social gatherings, involvement in University activities, and matters of
internal discipline. The author identifies the first and second Halls of DKE (rented
meeting chambers) in downtown Ithaca, the occupation of the first lodge on Ozmun
Place in 1877 and the ultimate construction of the present lodge at 13 South Avenue in
1893. The author addresses rushing, pledging, dining, chapter customs, inter-fraternity

affairs, fraternity politics within Delta Kappa Epsilon, incidents involving the undergraduate brothers and the exploits of alumni up until the year 1930. Collection: Delta Kappa Epsilon History
File: DX Narrative 1870-1930.pdf Desc: Description: Size: 765523
URI: <http://hdl.handle.net/1813/3235> Visits: 50

AU: Fogle, Homer William Jr TI: DX of DKE Special Study #02: Delta Chi Chapter Cookbook, 1963-1987 KW: Alcoholic beverages; Cocktails; College societies, Greek letter --Delta Kappa Epsilon; Cornell University, Delta Kappa Epsilon; Deke House (Ithaca N.Y.) --History; Delta Kappa Epsilon --History; Punches (beverages) IssD: 1989 Pub: Publisher:
ABS: The author describes cookery in the Cornell University chapter of Delta Kappa Epsilon as it was practiced during the post World War II period, and particularly during the days when Mrs. Florence Lansdowne served in the Deke House kitchen. Recipes for various entrees, breads, desserts and party punches are recorded. Collection: Delta Kappa Epsilon History
File: #02 DX Cookbook.pdf Desc: Description: Size: 186842
URI: <http://hdl.handle.net/1813/3242> Visits: 41

AU: Fogle, Homer William Jr TI: DX of DKE Special Study #12: Registry of Distinguished Members KW: College societies, Greek letter --Delta Kappa Epsilon; Cornell University, Alumni; Cornell University, Delta Kappa Epsilon; Deke House (Ithaca N.Y.) --History; Delta Kappa Epsilon --History IssD: 2006-07-04 Pub: Publisher:
ABS: The author tabulates the names of Delta Chi Dekes who have won notice and acclaim in war and in peace. Collection: Delta Kappa Epsilon History
File: #12 VIP Registry.pdf Desc: Description: Size: 164784
URI: <http://hdl.handle.net/1813/3257> Visits: 49

AU: Fogle, Homer William, Jr TI: DX of DKE Special Study #04: The Roosevelt Spruce Trees KW: Battlefields--Cuba--Santiago de Cuba; Brown, Clifton Beckwith, 1876-1898; College societies, Greek letter --Delta Kappa Epsilon; Cornell University, Delta Kappa Epsilon; Deke House (Ithaca N.Y.) --History; Delta Kappa Epsilon --History; Norway Spruce; Roosevelt, Theodore, 1858-1919; Santiago de Cuba (Cuba) --Maps; Spanish-American War, 1898 IssD: 2006-07-02 Pub: Publisher:
ABS: The author recounts the death of Brother Clifton Beckwith Brown '00 at the Battle of San Juan Hill on 1 July 1898, the 1899 visit of Governor Theodore Roosevelt '80 to Cornell University, and the dedication of the Deke House spruce trees in memory of the fallen soldier. Collection: Delta Kappa Epsilon History
File: #04 Roosevelt Spruce Trees.pdf Desc: Description: Size: 1423841
URI: <http://hdl.handle.net/1813/3255> Visits: 58

AU: Al-Lazki, Ali; Seber, Dogan; Sandvol, Eric; Barazangi, Muawia TI: A crustal transect across the Oman Mountains on the eastern margin of Arabia KW: Oman Mountains; Arabia IssD: 2002 Pub: Publisher:
ABS: The unique tectonic setting of Collection: Earth and Atmospheric Sciences - Papers, Research and Monographs
File: Al-Lazki et al 2002 GeoArabia.pdf Desc: Description: Size: 2997115
URI: <http://hdl.handle.net/1813/3175> Visits: 83

AU: Brew, Graham; Barazangi, Muawia; Al-Maleh, K.; Sawaf, T. TI: Tectonic and geologic evolution of Syria KW: Syria IssD: 2001 Pub: Publisher:

ABS: Using extensive surface and subsurface Collection: Earth and Atmospheric Sciences - Papers, Research and Monographs

File: Brew et al 2001 GeoArabia.pdf Desc: Description: Size: 17569285

URI: <http://hdl.handle.net/1813/3161> Visits: 86

AU: Brew, Graham; Litak, Robert; Barazangi, Muawia; Sawaf, T.; Zaza, T. TI: Tectonic evolution of northeast Syria: Implications for regional tectonics and hydrocarbons KW: Syria; tectonics; hydrocarbons IssD: 1999 Pub: Publisher:

ABS: We present the Phanerozoic tect Collection: Earth and Atmospheric Sciences - Papers, Research and Monographs

File: license.txt Desc: Description: Size: 1805

URI: <http://hdl.handle.net/1813/3162> Visits: 74

AU: Seber, Dogan; Steer, David; Sandvol, Eric; Sandvol, Christine; Brindisi, Carrie; Barazangi, Muawia TI: Design and development of information systems for the geosciences: An application to the Middle East KW: IssD: 2000 Pub: Publisher:

ABS: As our understanding grows of Collection: Earth and Atmospheric Sciences - Papers, Research and Monographs

File: Seber et al 2000 GeoArabia.pdf Desc: Description: Size: 10378224

URI: <http://hdl.handle.net/1813/3174> Visits: 71

AU: Pimentel, David; Berger, Bonnie; David, Filiberto; Newton, Michelle; Wolfe, Benjamin; Karabinakis, Elizabeth; Clark, Steven; Poon, Elaine; Abbett, Elizabeth; Nandagopal, Sudha TI: Water resources, agriculture and the environment. KW: water; agriculture; environment; utilization; population; disease; growth; resources IssD: 2004-07 Pub: Publisher:

ABS: In this article, water utilization by individuals and especially agricultural systems is analyzed. Interrelationships exist among population growth, water use and distribution, the status of biodiversity, the natural environment, plus the impacts of water borne human diseases are reported. Collection: Ecology and Evolutionary Biology Reports

File: pimentel_report_04-1.pdf Desc: Description: Size: 258698

URI: <http://hdl.handle.net/1813/352> Visits: 1463

AU: Pimentel, David; Hepperly, Paul; Hanson, James; Seidel, Rita; Douds, David TI: Organic and Conventional Farming Systems: Environmental and Economic Issues. KW: Farming; Organic; Environment; Economics; Fertilizer; Soil; Crop Yields; Agriculture IssD: 2005-07 Pub: Publisher:

ABS: Collection: Ecology and Evolutionary Biology Reports

File: pimentel_report_05-1.pdf Desc: Description: Size: 342564

URI: <http://hdl.handle.net/1813/2101> Visits: 768

AU: Vanek, Jaroslav TI: Unified Theory of Social Systems: A Radical Christian Analysis KW: Social Systems; Theory; Christian; Economics IssD: 2000 Pub: Publisher:

ABS: For our purposes a Social System is defined as a human community whose members interact, depend on each other and are affected jointly by actions of or physical characteristics within the community. Decisions concerning actions or

characteristics can be of any kind, on a broad scale ranging from absolute dictatorship to an open-ended state of most perfect democratic principles. It is precisely this notion of "perfection" that will concern us in this study; but hopefully in a more explicit, p
Collection: Emeritus Publications

File: TITLE PAGE.DOC Desc: Description: Title Page Size: 11264

URI: <http://hdl.handle.net/1813/642> Visits: 1495

AU: Ahimaz, Franklin J.; Slate, Floyd O.; Irwin, Lynne H.; Belcher, Donald; Liang, Ta; Levine, Gilbert; McGuire, William; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.09, No.3 (Autumn 1974): Engineering in Developing Nations
KW: Engineering; Cornell University; Developing Nations; Low-Cost Housing; Education; Airphoto Interpretation; Radio-radar telescope IssD: 1974 Pub: Publisher:

ABS: IN THIS ISSUE: Engineering Education in Developing Nations: A Concern of a Multidisciplinary Cornell Program /2 (Aspects of Cornell's Program on Policies for Science and Technology in Developing Nations are described by Franklin J. Ahimaz, assistant director of Collection: Engineering Quarterly

File: 1974_v9_n3.pdf Desc: Description: Size: 51094346

URI: <http://hdl.handle.net/1813/2292> Visits: 415

AU: Avedisian, C. Thomas; Boyd, Iain D.; Williamson, Charles H. K.; Caughey, David A.; Pope, Stephen B.; Resler, Edwin L., Jr.; Price, David TI: Engineering: Cornell Quarterly, Vol.28, No.2 (Winter 1994): Aerospace Engineering at Cornell
KW: Engineering; Cornell University; Aerospace Engineering; Microgravity; Propulsion Systems; Wake Vortex Dynamics; Aerodynamic Design; Gas-Turbine Combustors; Computer simulations; Wave Rotors; Jet-Engines IssD: 1994 Pub: Publisher:

ABS: IN THIS ISSUE: Aerospace Engineering at Cornell /2 (With a distinguished history and vigorous research, Cornell looks to the future.) ... Experiments in a Microgravity Environment /4 (Experiments conducted in a falling package reveal processes that occur in space.) ... Modeling Secondary Propulsion Systems for Spacecraft /10 (Computer modeling is contributing Collection: Engineering Quarterly

File: 1994_v28_n2.pdf Desc: Description: Size: 44998108

URI: <http://hdl.handle.net/1813/2460> Visits: 760

AU: Ballantyne, Joseph M.; Frey, Jeffrey; Buhrman, Robert A.; Batterman, Boris W.; Lee, Charles A.; Rhodin, Thor N.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.12, No.4 (December 1978): The New Submicron Facility
KW: Engineering; Cornell University; Submicron Structures; Electrical Engineering; Integrated Circuits; Superconductor Microelectronics; X-Ray Lithography; Microscopy; Ion Implantation; Applied and Engineering Physics IssD: 1978 Pub: Publisher:

ABS: IN THIS ISSUE: The Electronics Revolution and the Potential of the New Submicron Facility at Cornell /2 (Cornell's role as host institution for the National Research and Resource Facility for Submicron Structures is discussed by Joseph M. Ballantyne, professor of electrical engineering and acting director of the facility.) ... Integrated Circuits: The Expanding Technology of Shrinking Structures /12 (How advances in integrated circuit technology result in lower prices is explained by Jeffrey Frey, Collection: Engineering Quarterly

File: 1978_v12_n4.pdf Desc: Description: Size: 36889179

URI: <http://hdl.handle.net/1813/2308> Visits: 406

AU: Bartel, Donald; Stevenson, James F.; Purdy, David L.; Bischoff, Kenneth B.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.09, No.4 (Winter 1975): Medical Uses of Engineering Research KW: Engineering; Cornell University; Mechanical Engineering; collagen; Orthopedics; Drugs; Chemical Engineering; Medical Procedures IssD: 1975 Pub: Publisher:

ABS: IN THIS ISSUE: Mechanical Analysis and Design in Orthopedics /2 (Mechanical engineers working with physicians and veterinarians are making advances in such areas as the design of prostheses and orthopedic surgery. Donald L. Bartel, assistant professor of mechanical engineering, discusses h Collection: Engineering Quarterly
File: 1975_v9_n4.pdf Desc: Description: Size: 31045918
URI: <http://hdl.handle.net/1813/2293> Visits: 346

AU: Batterman, Boris W.; Bilderback, Donald; Mills, Dennis M.; Bedzyk, Michael J.; Volz, Karl W.; Schildkamp, Wilfried; Moffat, Keith; Arnold, Edward; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.20, No.4 (Spring 1986): Using X-Rays from Cornell's Synchrotron KW: Engineering; Cornell University; Synchrotron; Radiation; X-Ray Optics; MacCHESS; Interface Science IssD: 1986 Pub: Publisher:

ABS: IN THIS ISSUE: Making Good Use of Synchrotron Radiation: The Role of CHESS at Cornell and as a National Facility /3 Boris W. Batterman ... X-Ray Optics: A Vital Aspect of Work with Synchrotron Radiation /14 Donald H. Bilderback ... Catching the Fast Action: Time Resolution Collection: Engineering Quarterly
File: 1986_v20_n4.pdf Desc: Description: Size: 56706841
URI: <http://hdl.handle.net/1813/2433> Visits: 287

AU: Beebe, Penny; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.24, No.3 (Spring 1990): Special Programs for Undergraduates KW: Engineering; Cornell University; Education; public speaking; Engineering Communications; Co-op IssD: 1990 Pub: Publisher:

ABS: IN THIS ISSUE: The 1990s As the Decade of the Undergraduate (Editorial) /2 (Special programs at Cornell are designed to help prepare the kinds of engineers needed in the coming decade and beyond.) ... Undergrads in the Research Labs /4 (A novel and highly successful program gives Cornell engineering students Collection: Engineering Quarterly
File: 1990_v24_n3.pdf Desc: Description: Size: 34408781
URI: <http://hdl.handle.net/1813/2447> Visits: 384

AU: Belcher, Donald; Liang, Ta; McNair, Arthur; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.04, No.2 (Summer 1969): Optimizing Land Resources KW: Engineering; Cornell University; Land Resources; Construction; Environment; Aerial Photography; Geotechnical Engineering; Africa; South America; Australia; Photogrammetry IssD: 1969 Pub: Publisher:

ABS: Collection: Engineering Quarterly
File: 1969_v4_n2.pdf Desc: Description: Size: 41392864
URI: <http://hdl.handle.net/1813/2253> Visits: 396

AU: Berth, Donald F.; Shepherd, Dennis; Conta, Bart; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.14, No.2 (Autumn 1979): A Long Look at Mechanical Engineering KW: Engineering; Cornell University; American Society of Mechanical Engineers; Robert Henry Thurston; Steam Engine; History of Mechanical

Engineering; geological sciences; materials science and engineering IssD: 1979 Pub: Publisher:

ABS: IN THIS ISSUE: Editorial /2 ... ASME at 100: A Reflection on the Founding and on a Favorite Founder /3 (In anticipation of the centennial of the American Society of Mechanical Engineers in 1980, Donald F. Berth, director of development at the Cornell College of Engineering, contributes an historical account centered on Robert Henry Thurston, first president of ASME and early director of the mechanical engineering program at Cornell.) ... A Perspective on the Steam Engine /12 (The steam engine, an important application of mechanical engineering in Thurston's day, is considered in its historical context by Dennis Shepherd, emeritus Cornell professor. Shepherd held the John Edson Sweet chair in engineering, named in honor of an early Cornell Collection: Engineering Quarterly

File: 1979_v14_n2.pdf Desc: Description: Size: 33636452

URI: <http://hdl.handle.net/1813/2410> Visits: 389

AU: Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.06, No.1 (Spring 1971): Ingenuity in the Classroom KW: Engineering; Cornell University; Education IssD: 1971 Pub: Publisher:

ABS: In this Issue: Ingenuity in the Classroom /2 (As the engineer finds himself faced with shifting priorities and the need for broader insights into his daily responsibilities, so too do the educators. At Cornell ingenuity in meeting these challenges takes various forms -- new teaching "hardware," new strategies and course formats, revitalization of traditional courses, greater curriculum flexibility, and, most notably, new attitudes about the functions of education. Here we report on some interesting departures from classroom norms.) ... MINI COURSES (Professors Doing Their Own Thing) /5 ... SOCIAL AWARENESS (A New Priority for Engineers) /10 ... TEACHING ATTITUDES (Thermodynamics with Meaning) /15 ... NEW TEACHING TOOLS (Technology Enters the Classroom) /20 ... BROADENING THE PERSPECTIVES (Law and Environmental Control) /25 ... Register /28 (Jack E. Oliver, newly appointed Irving Porter Church Professor of Engineering and chairman of a new intercollege Department of Geological Sciences, is featured in the Register. Other sketches are of faculty members who have been appointed to new positions within the College of Engineering.) ... Faculty Publications /33 Collection: Engineering Quarterly

File: 1971_v6_n1.pdf Desc: Description: Size: 32642387

URI: <http://hdl.handle.net/1813/2260> Visits: 301

AU: Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.06, No.3 (Autumn 1971): Capstones of Century I KW: Engineering; Cornell University; History IssD: 1971 Pub: Publisher:

ABS: It was a small class, this first one in engineering at Cornell University, but the seven Bachelors of Civil Engineering who graduated in June of 1871 were the vanguard of 25,000 Cornell engineers who have contributed to the technological development of the United States and the world during the past one hundred years. The story of this century of engineering education is a part of the history of a great institution, a compound of noble ideas, imaginative leadership, commitment, hard work, philanthropic support -- and a bit of luck from time to time. The record of engineering at Cornell is long and distinguished, and what follows represents only a quick brush stroke over a century of progress. Collection: Engineering Quarterly

File: 1971_v6_n3.pdf Desc: Description: Size: 87239160

URI: <http://hdl.handle.net/1813/2263> Visits: 291

AU: Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.10, No.2 (Summer 1975): Paying for Higher Education KW: Engineering; Cornell University; Education; Scholarship IssD: 1975 Pub: Publisher:

ABS: IN THIS ISSUE: Financial Aid Packages: Sunival Kits for Students and Colleges Today /2 (The importance of financial aid, what it consists of, and how it is awarded are explored in a Collection: Engineering Quarterly

File: 1975_v10_n2.pdf Desc: Description: Size: 36986331

URI: <http://hdl.handle.net/1813/2307> Visits: 349

AU: Berth, Donald; McConkey, Gladys; Price, David TI: Engineering: Cornell Quarterly: The First Ten Years of the College Magazine KW: Index; Engineering IssD: 1976 Pub: Publisher:

ABS: A ten-year cumulative index [ENGINEERING: CORNELL QUARTERLY The First Ten Years of the College Magazine] was published in 1976 (v11n2) Collection: Engineering Quarterly

File: First 10 Yrs Index 1976_v11_n2.pdf Desc: Description: Size: 1598567

URI: <http://hdl.handle.net/1813/2212> Visits: 325

AU: Billington, David P.; White, Richard N.; Nilson, Arthur H.; Abel, John F.; Gergely, Peter; Slate, Floyd O.; Lynn, Walter R.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.15, No.2 (Autumn 1980): Pioneering in Concrete KW: Engineering; Cornell University; Reinforced Concrete; Solomon Cady (S. C.) Hollister IssD: 1980 Pub: Publisher:

ABS: IN THIS ISSUE: Pioneering in Concrete (an editorial) /2 ... Profession and Personality: Perspective in a View of S. C. Hollister and his Work in Reinforced Concrete /4 (David P. Billington explores the tension between individual actions and social forces, with reference to the work of Hollister.) ... The Education of a Pioneer /7 (The way Hollister found to acquire an education in reinforced concrete construction in the crucial period bef Collection: Engineering Quarterly

File: 1980_v15_n2.pdf Desc: Description: Size: 26754764

URI: <http://hdl.handle.net/1813/2413> Visits: 410

AU: Block, Henry; Finn, Robert; Edwards, Victor; Bryant, Nelson; Lawrence, Alonzo; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.02, No.4 (Winter 1968): Some Engineering-Biological Interfaces KW: Engineering; Cornell University; Bionics; Robots; Cellular Chemistry; Bioengineering; Ecology IssD: 1968 Pub: Publisher:

ABS: In this Issue: "Bionics and Robots" by Henry D. Block ... "Living Chemical Factories" by Robert K. Finn and Victor H. Edwards ... "Education in Bioengineering" by Nelson H. Bryant ... "Ecology: Key to Water Quality Management" by Alonzo Wm. Lawrence ... Faculty Publications. Collection: Engineering Quarterly

File: 1968_v2_n4.pdf Desc: Description: Size: 48508181

URI: <http://hdl.handle.net/1813/2221> Visits: 378

AU: Blumstein, Alfred; Lucas, William F.; Housman, David; Burton, Malcolm S.; McConkey, Gladys; Schuler, Richard E. TI: Engineering: Cornell Quarterly, Vol.16, No.1 (Summer 1981): The Demographic Factor KW: Engineering; Cornell University; inner-

city population; Criminal Justice System; Crime Control; Apportionment IssD: 1981
Pub: Publisher:

ABS: IN THIS ISSUE: Engineering for Decline: a Challenge in the Eighties /2 (New York State's new public service commissioner, Richard E. Schuler, who is also associate professor of environmental engineering and of economics at Cornell, writes about an issue that has emerged only recently in the United States: declining inner-city populations and accompanying probl Collection: Engineering Quarterly

File: 1981_v16_n1.pdf Desc: Description: Size: 31463706

URI: <http://hdl.handle.net/1813/2416> Visits: 235

AU: Brice, Neil; Farley, Donald; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.05, No.4 (Winter 1971): Understanding Our Atmosphere KW: Engineering; Cornell University; Atmosphere; Ionosphere; atmospheric phenomena; solar-terrestrial physics; incoherent scattering; radar IssD: 1971 Pub: Publisher:

ABS: In this Issue: Collection: Engineering Quarterly

File: 1971_v5_n4.pdf Desc: Description: Size: 30319032

URI: <http://hdl.handle.net/1813/2259> Visits: 458

AU: Buhrman, Robert A.; Moon, Francis C.; Raj, Rishi; Padamsee, Hasan; Krusius, J. Peter; Compton, Richard C.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.24, No.2 (Winter 1990): The Promise of Superconductivity KW: Engineering; Cornell University; Superconductivity; Magnetic Levitation; Ceramic Superconductors IssD: 1990 Pub: Publisher:

ABS: IN THIS ISSUE: Building on a Solid Base: Cornell Research in Superconductivity /2 ... Thin Films: Progress i Collection: Engineering Quarterly

File: 1990_v24_n2.pdf Desc: Description: Size: 54566590

URI: <http://hdl.handle.net/1813/2446> Visits: 311

AU: Burns, Joseph A.; Kolvoord, Robert A.; Sudan, Ravi; Longcope, Dana; Brown, Larry D.; Bartel, Donald L.; Gubbins, Keith E.; Walsh, Walsh; Shuler, Michael L.; Silcox, John; Pope, Stephen B.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.25, No.2/3 (Spring 1991): Supercomputing in Engineering Research KW: Engineering; Cornell University; Supercomputers; Saturn's Moons; Solar Corona; Earth's Interior; Human Joint Replacement; Molecular Simulation; Computer Modeling; Electron Microscope IssD: 1991 Pub: Publisher:

ABS: IN THIS ISSUE: Collection: Engineering Quarterly

File: 1991_v25_n2_3.pdf Desc: Description: Size: 50876895

URI: <http://hdl.handle.net/1813/2450> Visits: 346

AU: Burns, Joseph A.; Veverka, Joseph; Thomas, Peter; Bloom, Arthur L.; Turcotte, Donald L.; Kuckes, Arthur F.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.13, No.3 (December 1978): Planets and their Satellites KW: Engineering; Cornell University; Space; Solar System; Planets; Moons and Satellites; Phobos; Astronomy; Moons of Mars; Viking Mission; Galileo Mission IssD: 1978 Pub: Publisher:

ABS: IN THIS IS Collection: Engineering Quarterly

File: 1978_v13_n3.pdf Desc: Description: Size: 28338910

URI: <http://hdl.handle.net/1813/2407> Visits: 278

AU: Burton, Malcolm S.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.09, No.2 (Summer 1974): Toward Engineering Practice KW: Engineering; Cornell University; Education IssD: 1974 Pub: Publisher:

ABS: IN THIS ISSUE: Professional Orientation for the Engineering Undergraduate /2 (Today's undergraduates may be less outspoken than those of the 1960s, but students--and faculty and administrators--are still highly conscious of the need for clearly defined educational objectives. Malcolm S. Burton, associate dean of the College, discusses the various reasons why students enroll in engineering and, in particular, what the College is doing to help them understand Collection: Engineering Quarterly

File: 1974_v9_n2.pdf Desc: Description: Size: 37234478

URI: <http://hdl.handle.net/1813/2291> Visits: 317

AU: Cady, K. Bingham; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.21, No.4 (Summer 1987): Projects and Prospects for M.Eng. Students KW: Engineering; Cornell University; Master of Engineering; Wind Tunnel; Fractal Geometry IssD: 1987 Pub: Publisher:

ABS: IN THIS ISSUE: Educating Masters of the Engineering Profession /2 (Cornell's professional Master of Engineering degrees are discussed by Professor and Associate Dean K. Bingham Cady, who has just completed a term as director of the M.Eng. program committee.) Collection: Engineering Quarterly

File: 1987_v21_n4.pdf Desc: Description: Size: 33087417

URI: <http://hdl.handle.net/1813/2437> Visits: 337

AU: Calado, Jorge C. G.; Gubbins, Keith; Streett, William B.; Cohen, Claude; Berth, Donald F.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.15, No.3 (Winter 1980-81): The Molecular Level in Engineering Research KW: Engineering; Cornell University; Molecular Thermodynamics; Liquid Properties; phase equilibrium thermodynamics; Gaseous Planets; Molecular Engineers; Polymers IssD: 1980 Pub: Publisher:

ABS: IN THIS ISSUE: Molecular Thermodynamics: A Compromise That Works /2 (An historical perspective of a current research area in the School of Chemical Engineering at Cornell is given by Jorge C. G. Calado, v Collection: Engineering Quarterly

File: 1980_v15_n3.pdf Desc: Description: Size: 33252951

URI: <http://hdl.handle.net/1813/2414> Visits: 277

AU: Clark, David D.; Hossain, Tim Z.; Hammer, David; Cady, K Bingham; Kostroun, Vaclav O.; Aderhold, Howard C.; McGuire, Stephen C.; Price, David TI: Engineering: Cornell Quarterly, Vol.26, No.3 (Spring 1992): The Diversity of Nuclear Science and Engineering KW: Engineering; Cornell University; Nuclear Energy; Fusion; Neutron Radiography; Atomic Processes; Ionized Matter; Cold Neutron Beam IssD: 1992 Pub: Publisher:

ABS: IN THIS ISSUE: The Nuclear Frontier: Cornell's Program of Basic and Applied Research /2 (The Program in Nuclear Science and Engineering has deep roots and broad scope.) ... Neutron Activation Analysis: A Sensitive Test for Trace Elements /7 (A simple analytical technique is Collection: Engineering Quarterly

File: 1992_v26_n3.pdf Desc: Description: Size: 43124450

URI: <http://hdl.handle.net/1813/2454> Visits: 500

AU: Conway, Richard; Salton, Gerard; Pottle, Christopher; Lewis, David; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.08, No.3 (Autumn 1973): The Science of Information KW: Engineering; Cornell University; Computer Science; information storage and retrieval IssD: 1973 Pub: Publisher:

ABS: IN THIS ISSUE: The Nature of Information: The Province of Computer Science in the University Today /2 (Not machines but knowledge about information itself is the main concern of computer science departments. The functions of Cornell's department and the professional interests of university computer scientists are discussed by Professor Richard W. Conway.) ... Approaches to the New Library /8 (A world authority on information storage and retrieval, Gerard Salton, describes how automatic techniques can be used in the development of new systems to meet the "library crisis." Professor Salton is chairman of Cornell's Department of Computer Science.) ... The Computer as Laboratory Instrument /17 (From the Apollo mission to the undergraduate laboratory, computers are essential components of experimental equipment. This increasingly important aspect of information science is discussed by Christopher Pottle, associate professor of electrical engineering.) ... Commentary /25 (How the computer is affecting society and its members and what can or should be done about it is considered by Visiting Assistant Professor David Lewis, a Cornell Ph.D. in computer science who is directing an interdisciplinary Cornell seminar, The Computerized Society.) ... Register /28 (New members of the College of Engineering faculty are introduced.) ... Faculty Publications /33 Collection: Engineering Quarterly
File: 1973_v8_n3.pdf Desc: Description: Size: 27211332
URI: <http://hdl.handle.net/1813/2283> Visits: 360

AU: Corson, Dale R.; Linke, Simpson; Kulhawy, Fred H.; Auer, Peter; McConkey, Gladys; Price, David TI: Engineering: Cornell Quarterly, Vol.16, No.4 (Spring 1982): Thinking Big About Our Energy Future KW: Engineering; Cornell University; Satellite Power System; Solar Energy; Hydroelectric Power; Philately; Fusion IssD: 1982 Pub: Publisher:

ABS: IN THIS ISSUE: Electric Power from Orbit: A Critique of a Satellite Power System /2 (The DOE/NASA concept of using satellites to collect solar energy on a huge scale and beam it to Earth is described by Dale R. Corson, Cornell University president emeritus and former engineering dean, who headed a nat Collection: Engineering Quarterly
File: 1982_v16_n4.pdf Desc: Description: Size: 28682299
URI: <http://hdl.handle.net/1813/2419> Visits: 268

AU: Cranch, Edmund; Burton, Malcolm; Perkins, James; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.04, No.3 (Autumn 1969): The College Looks Ahead KW: Engineering; Cornell University; Education; curriculum IssD: 1969 Pub: Publisher:

ABS: Collection: Engineering Quarterly
File: 1969_v4_n3.pdf Desc: Description: Size: 31799586
URI: <http://hdl.handle.net/1813/2254> Visits: 305

AU: Cranch, Edmund; Gardner, Robert; Johnson, David; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.08, No.1 (Spring 1973): Trends in Engineering Education KW: Engineering; Cornell University; Education IssD: 1973 Pub: Publisher:

ABS: IN THIS ISSUE: Engineering Today: Some Views of Cornell's New Dean /2 (The expanding roles of engineers and accompanying changes in engineering curricula are discussed by Edmund T. Cranch, dean of the College of Engineering, in an interview with the editor of the Quarterly.) ... Widening the Professional Spectrum /10 (An increasing interest in undergraduate engineering education as preparation for graduate study in nonengineering professions is explored by Robert E. Gardner, director of the Engineering Advising and Counseling Center at Cornell.) ... Transfer to Cornell: A New Route to Engineering /79 (By 1976 one out of six upperclass students in the College of Engineering may be a transfer from a two-year community college. The dramatic rise of the community college and its effect on higher education, particularly in engineering, is discussed by David C. Johnson, chairman of the College's Transfer Admissions Committee.) ... Vantage /26 (An innovative way of teaching a traditional aspect of engineering is depicted in a photo-essay on a new intensive course in civil and environmental engineering design.) ... Faculty Publications /29 Collection: Engineering Quarterly

File: 1973_v8_n1.pdf Desc: Description: Size: 28489664

URI: <http://hdl.handle.net/1813/2281> Visits: 332

AU: Dalman, G. Conrad; Eastman, Lester; Lynn, Walter; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.06, No.2 (Summer 1971): The New Electronics KW: Engineering; Cornell University; Microwave Devices; Crystals; Electronics IssD: 1971 Pub: Publisher: ABS: IN THIS ISSUE: The New Electronics: The Design and Operation of Microwave Devices /2 (Despite cutbacks in federal support, growth prospects for the electronics industry remain good. Particularly promising are new solid state microwave devices, discussed technically and in terms of their potential applications by Professor G. Conrad Dalman, who has been a research leader in this field since it began opening up in the 1960s.) ... The New Electronics: Crystals for Microwave Communication /9 (Professor Lester F. Eastman, of the long-standing "Dalman and Eastman" research team at Cornell, discusses the development of an imminent new era in electronics, comparable in scope to that of transistor applications. Cornell contributions to the advancement of the "new electronics" are highlighted.) ... Commentary /15 (The responsibility that engineering schools must assume in the area of environmental and other social concerns is discussed by Walter R. Lynn, director of the School of Civil and Environmental Engineering at Cornell.) ... Vantage /21 (Academic Rush Week, student-to-student counseling, the Engineering Counseling Center, Cornell News Briefs, faculty workshops ? all new and part of the College's expanded advising and counseling services for freshmen and sophomores ? are shown in a photoessay.) ... Register /26 (Four retiring engineering professors are saluted, and D. Ray Fulkerson is welcomed as the incoming Maxwell M. Upson Professor of Engineering in the Department of Operations Research.) ... Faculty Publications /30 ... Editorial /36 Collection: Engineering Quarterly

File: 1971_V6_n2.pdf Desc: Description: Size: 30842563

URI: <http://hdl.handle.net/1813/2275> Visits: 391

AU: Dickason, Donald G. TI: Engineering: Cornell Quarterly, Vol.05, No.3 (Autumn 1970): Seeking Tomorrow's Engineers KW: Engineering; Cornell University; Education; Chemical Engineering IssD: 1970 Pub: Publisher:

ABS: Collection: Engineering Quarterly

File: 1970_v5_n3.pdf Desc: Description: Size: 27250644

URI: <http://hdl.handle.net/1813/2258> Visits: 306

AU: Dietert, Rodney R.; Porter, Keith S.; DeGloria, Stephen D.; Barnaba, Eugenia M.; Philpot, William D.; Resler, Edwin L., Jr.; Harrison, Ellen Z.; Schuler, Richard E.; Price, David TI: Engineering: Cornell Quarterly, Vol.28, No.3 (Spring 1994): The Center for the Environment: Marketing Green Engineering KW: Engineering; Cornell University; Green Engineering; Toxicologists; Watershed Protection; geographic information systems; Recycling; Composting; Greenhouse Gases IssD: 1994 Pub: Publisher:

ABS: IN THIS ISSUE: The Center for the Environment: Marketing Green Engineering /2 (Practical people seek to fix environmental problems with a mix of teaching, research, and outreach.) ... Training Toxicologists to Be Team Players /4 (To be effective, toxic Collection: Engineering Quarterly

File: 1994_v28_n3.pdf Desc: Description: Size: 39810044

URI: <http://hdl.handle.net/1813/2461> Visits: 805

AU: Doan, Herbert D.; Edwards, Victor H.; McConkey, Gladys J.; Gates, Charles D.; Sangrey, Dwight A.; Auer, Peter L. TI: Engineering: Cornell Quarterly, Vol.07, No.4 (Winter 1973): Wastes: Nuisance or Resource? KW: Engineering; Cornell University; Waste Materials; Waste Management; Organic Refuse; Solid Waste; Recycling; Landfill; Environment IssD: 1973 Pub: Publisher:

ABS: IN THIS ISSUE: Using Waste Materials: A Challenge for Engineers /2 (An industrialist and chemical engineer explores the economic as well as social reasons for in-plant utilization of waste materials rather than disposal. Herbert D. Doan, a member of the board of directors and former president of the Dow Chemical Company, is a Cornell graduate and serves on the Engineering College Council.) ... Food From Organic Refuse /8 (The production of microbial protein by growing it on organic wastes and the concept of the "urban farm" are among subjects discussed by Victor H. Edwards, assistant professor of chemical engineering at Cornell, in an interview with Quarterly editor Gladys J. McConkey.) ... Recover, Reuse, Recycle: New Approaches to the Solid Waste Problem /18 (Charles D. Gates, professor and acting chairman of Cornell's Department of Environmental Engineering, discusses the technological and economic feasibility of solid waste management systems and what needs to be done to encourage resource recovery.) ... Engineering Landfill for Reuse of Sites /24 (Not only solid wastes themselves but the land on which they are buried represent resources that can be recovered and reused. The reclamation of landfill sites is discussed by Dwight A. Sangrey, an associate professor at the Cornell College of Engineering and a specialist in soils and geotechnical engineering.) ... Commentary /29 (The nation's critical energy requirements as they impinge on the need for preservation of the environment are discu Collection: Engineering Quarterly

File: 1973_v7_n4.pdf Desc: Description: Size: 29602917

URI: <http://hdl.handle.net/1813/2280> Visits: 358

AU: Everhart, Thomas E.; Krusius, J. Peter; Frey, Jeffrey; Wolf, Edward D.; Adesida, Ilesanmi; Eastman, Lester F.; Sonek, Gregory J.; Ballantyne, Joseph M.; Buhrman, Robert A.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.18, No.3 (Spring 1983-84): Key to New Technologies KW: Engineering; Cornell University; Submicrons; Microstructures; Materials Science; Electrons, Ions, and Photons; Nanolithography; Microphysics IssD: 1983 Pub: Publisher:

ABS: IN THIS ISSUE: Submicron Structures: A Microcosm of Modern Engineering /2
Thomas E. Everhart ... Ultrasmall Feature Collection: Engineering Quarterly
File: 1983_v18_n3.pdf Desc: Description: Size: 37076916
URI: <http://hdl.handle.net/1813/2425> Visits: 433

AU: Everhart, Thomas E.; Orloff, Neil; Moore, Harriet L.; Bolgiano, Ralph, Jr.; Hudson, Ronald; Simmons, Ron; Belina, John; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.18, No.4 (Spring 1984): Special Programs for Students KW: Engineering; Cornell University; Education; Internship; Alumni; Minorities IssD: 1984 Pub: Publisher:

ABS: IN THIS ISSUE: Commentary: On the Making of Professionals -- 1. The Province of Engineers /2 Thomas E. Everhart ... 2. Learning the Skills of Judgment /5 Neil Orloff ... Students on the Job in the Co-op Program /9 Harriet L. Moore ... Internship in Engineering: New Option for M.Eng. Students -- 1. Educating Professionals in a High-Tech World /16 Ralph Bolgiano, Jr. ... 2. The Pilot Program in Manufacturing Engineering /19 Ronald Hudson ... Minorities in Cornell Engineering: A Program That Works /22 Ron Simmons ... Cornell Engineers in the Making: The Role of Nonacademic Activities /26 John Belina ... The Cornell Connection and the Cornell Tradition: Alumni Initiatives to Help Students Stay in School and Find Jobs /31 ... Register /34 ... Facets: Diane Duke??eading Lady /44 Faculty Publications /47 Collection: Engineering Quarterly
File: 1984_v18_n4.pdf Desc: Description: Size: 33267609
URI: <http://hdl.handle.net/1813/2426> Visits: 278

AU: Frey, Jeffrey; Tang, Chung; Kim, Myungwhan; Thomas, L. Joseph; White, Richard N.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.21, No.1 (Autumn 1986): Looking Toward the East KW: Engineering; Cornell University; Japan; Korea; China IssD: 1986 Pub: Publisher:

ABS: IN THIS ISSUE: The Not-So-Far East: Three Cornell Electrical Engineering Professors Discuss Technology in Japan and Korea /2 (Jeffrey Frey, Chung Tang, and Myungwhan Kim are interviewed by the editor of the Quarterly.) ... Lessons From Japan: What a Cornell Study Group Learned About Manufacturing Methods /8 (L. Joseph Thomas of the Johnson School of Management at Cornell writes about a recent visit to Japan by seven Cornell professors, members of the Cornell Manufacturing Engineering and Productivity Program.) ... Seven Weeks in China /15 (Richard N. White of the Department of Structural Engineering reports, with words and photographs, on a "working vacation" taken with his wife Marge.) ... Facets: All of the Family?? Hungs from China Study Materials Science at Cornell /26 (Three members of one Chinese family are researchers in the Cornell department, and the youngest member is beginning her college work.) ... Register /30 ... Vantage /33 ... Faculty Publications /36 Collection: Engineering Quarterly
File: 1986_v21_n1.pdf Desc: Description: Size: 34727738
URI: <http://hdl.handle.net/1813/2434> Visits: 279

AU: Gergely, Peter; O'Rourke, Thomas D.; Grigoriu, Mircea D.; White, Richard N.; Abel, John F.; McGuire, William; Stewart, Harry E; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.21, No.3 (Spring 1987): Research in Earthquake Engineering KW: Engineering; Cornell University; Earthquake Engineering; Computer Modeling; Mathematical Modeling; Soil Dynamics IssD: 1987 Pub: Publisher:

ABS: IN THIS ISSUE: The New National Center for Earthquake Engineering Research /2 (Cornell's Peter Gergely, a co-principal investigator in the center's program, discusses the research and Cornell's part in it. Gergely is director of the School of Civil and Environmental Engineering and chairman of the Department of Structural Engineering.) ... Safeguarding the Lifelines /7 (Provision for the maintenance of essential services such as fire protection, utilities, and transportation in the event of an earthquake is the subject of this article by Thomas D. O'Rourke and Mircea D
Collection: Engineering Quarterly
File: 1987_v21_n3.pdf Desc: Description: Size: 45858894
URI: <http://hdl.handle.net/1813/2436> Visits: 426

AU: Gordon, William E.; Farley, Donald T.; Kelley, Michael C.; Drake, Frank D.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.13, No.2 (October 1978): Probing Our Atmosphere and Beyond KW: Engineering; Cornell University; radio-radar telescope; Arecibo; high-altitude motion; Outdoor Plasmas; Nuclear Fusion; Ionosphere; rockets; satellites IssD: 1978 Pub: Publisher:
ABS: IN THIS ISSUE: Waves in the Oceans and in the Atmosphere /2 (William E. Gordon, now dean of the School of Natural Sciences at Rice University, was a professor of electrical engineering at Cornell when he conceived and supervised the construction of
Collection: Engineering Quarterly
File: 1978_v13_n2.pdf Desc: Description: Size: 28817983
URI: <http://hdl.handle.net/1813/2406> Visits: 269

AU: Greenberg, Donald P.; Abel, John F.; Ingraffea, Anthony R.; McGuire, William; Dill, John C.; Loucks, Daniel P.; French, Peter N.; Taylor, Marshall R.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.16, No.3 (Winter 1981-82): The Advance of Computer Graphics KW: Engineering; Cornell University; Engineering Research; Computer Graphics; Computer-Aided Design; Resource and Environmental Planning IssD: 1981 Pub: Publisher:
ABS: IN THIS ISSUE: How Computer Graphics Works and What It Can Do /2 (Professor Donald P. Greenberg, director of Cornell's Program of Computer Graphics and of the College of Engineering's Computer-Aided Design Instructional Facility (CADIF), explains
Collection: Engineering Quarterly
File: 1981_v16_n3.pdf Desc: Description: Size: 41419574
URI: <http://hdl.handle.net/1813/2418> Visits: 439

AU: Gries, David; Teitelbaum, Tim; Reps, Thomas; Schneider, Fred B.; Babaoglu, Ozalp; Birman, Kenneth P.; Toueg, Sam; Krafft, Dean B.; Solworth, Jon A.; Duke, Diane; Fish, Michele; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.20, No.2 (Autumn 1985): Twenty Years of Computer Science at Cornell KW: Engineering; Cornell University; Computer Science; Personal Computer; Distributive Computer Systems; Computer Programming; Robotics; Computer Architecture; Administrative Computing IssD: 1985 Pub: Publisher:
ABS: IN THIS ISSUE: Twenty Years of Computer Science at Cornell /2 David Gries ... Immediate Computation or How to Keep a Personal Computer Busy /12 Tim Teitelbaum and Thomas Reps ... Reaching Agreement: A Fundamental Task Even in Distributed Computer Systems /18 Fred B. Schneider, Ozalp Babaoglu, Kenneth P. Birman, and Sam Toueg ... Programming Methodology: Making a Science Ou
Collection: Engineering Quarterly

File: 1985_v20_n2.pdf Desc: Description: Size: 38596697
URI: <http://hdl.handle.net/1813/2431> Visits: 294

AU: Haith, Douglas A.; Steenhuis, Tammo S.; Parlange, J.-Yves; Kung, K.-J. Samuel; Cathles, Lawrence M., III; Richard, Tom; Jewell, William J.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.25, No.1 (Autumn 1990): Water in the Ground KW: Engineering; Cornell University; Pollution; Soil; Groundwater Contamination; Composting; Water Quality IssD: 1990 Pub: Publisher:

ABS: IN THIS ISSUE: Mathematical Models of Nonpoint-Source Pollution /2 Douglas A. Haith ... Preferential Flow in Structured and Sandy Collection: Engineering Quarterly

File: 1990_v25_n1.pdf Desc: Description: Size: 43514784
URI: <http://hdl.handle.net/1813/2449> Visits: 355

AU: Hover, Kenneth C.; George, Albert R.; Belina, John; Landsberger, Samuel; Turnquist, Mark A.; Price, David TI: Engineering: Cornell Quarterly, Vol.27, No.1 (Autumn 1992): Ground Transportation Around the Next Corner KW: Engineering; Cornell University; Ground Transportation; Commuting; Electric Cars; Human-Powered Commuter Vehicle IssD: 1992 Pub: Publisher:

ABS: IN THIS ISSUE: Ground Transportattion Around the Next Corner /2 ... Coping with Old Concrete /3 ... Building Winners: How the Formula SAE program makes Good Cars and Great Engineers /9 ... Rebirth of the Electric Car /15 ... Design for Pedal Power /20 ... Vehicles, Goods and Data /25 ... Register /30 ... Faculty Publications /32 Collection: Engineering Quarterly

File: 1992_v27_n1.pdf Desc: Description: Size: 35967006
URI: <http://hdl.handle.net/1813/2456> Visits: 348

AU: Isacks, Bryan L.; Hale, Richard; Thomas, Robert J.; Fish, Michele D.; Brown, Larry D.; Barazangi, Muawia; Bird, John M.; Cathles, Lawrence M., III; Hauser, Ernest C.; Bassett, William A.; White, William M.; Turcotte, Donald L.; Price, David TI: Engineering: Cornell Quarterly, Vol.27, No.3/4 (Spring/Summer 1993): Probing Earth's Processes KW: Engineering; Cornell University; Geology; Cornell Andes Project; Mountain Building; Earthquakes; Climate Change; Tibet; Alaska; North America's Central Corridor; Middle East; Urals; Kamchatka; Mantle Plumes; Oceanic Volcanism IssD: 1993 Pub: Publisher:

ABS: IN THIS ISSUE: Probing Earth's Processes /2 (Cornell geologists travel far and wide, interpreting subtle clues to learn how the earth works.) ... Mountains, Climate, and Global Change /3 (Mountain ranges affect weather and weather affects mountain ranges in a cycle that produces the soil that sustains life.) ... The Cornell Andes Project: An Interdisciplinary Study of Mountain Building /9 (A major initiative studies the world's best example of a mou Collection: Engineering Quarterly

File: 1993_v27_n3_4.pdf Desc: Description: Size: 57349683
URI: <http://hdl.handle.net/1813/2458> Visits: 509

AU: Jelinski, Lynne W.; Madsen, Eugene L.; Webb, Watt W.; Shuler, Michael L.; Bartel, Donald L.; Sheraga, Harold A.; Price, David TI: Engineering: Cornell Quarterly, Vol.26, No.4 (Summer 1992): Biophysics and Biotechnology KW: Engineering; Cornell University; Biophysics; Biotechnology; Pollution; Optoelectronics; Protein Folding IssD: 1992 Pub: Publisher:

ABS: IN THIS ISSUE: Biophysics and Biotechnology at Cornell /2 (Lynn W. Jelinski) ... Bioremediation of Environmental Pollutants /7 (Eugene L. Madsen) ... The Biological Physics of Cells: Research in the Developmental Resource for Biophysical Imaging Optoelectronics /12 (Watt W. Webb) ... Surrogate Animals for Laboratory Tests /19 (Michael L. Shuler) ... Polyethylene Components for Hip and Knee Replacements (Donald L. Bartel) ... The Multiple-Minima Problem in Protein Folding (Harold A. Sheraga) ... Register /38 ... Faculty Publications /50 Collection: Engineering Quarterly File: 1992_v26_n4.pdf Desc: Description: Size: 50534721 URI: <http://hdl.handle.net/1813/2455> Visits: 359

AU: Johnson, David C.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.12, No.2 (Summer 1977): Finding the Right Job KW: Engineering; Cornell University; Education; Employment Opportunities IssD: 1977 Pub: Publisher: ABS: IN THIS ISSUE: Getting Out Where the Action Is through Cornell's Engineering Coop Program /2 (Students and alumni add to a discussion of the unique and expanding work-study program in engineering at Cornell.) ... The Big Transition: From Cornell to Industry /21 (On-campus recruitment may provide the best chance students will ever have to encounter a variety of employment opportunities, according to David C. Johnson, head of Cornell's Engineering Placement Office.) ... Register /28 (Items include Dale R. Corson as former engineering dean and Cornell president; two alumni active in national professional engineering societies; and "highlights and sidelights" of 1976-77.) ... Vantage /36 (You have to run to keep up with Cornell engineering professors??least at midday, when some people have lunch.) ... Faculty Publications /41 Collection: Engineering Quarterly File: 1977_v12_n2.pdf Desc: Description: Size: 30050078 URI: <http://hdl.handle.net/1813/2305> Visits: 252

AU: Kaufman, Sidney; Bird, John M.; Karig, Daniel E.; Turcotte, Donald L.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.11, No.1 (Spring 1976): Prospecting with Geophysicists KW: Engineering; Cornell University; Geophysics; geological sciences; Plate Tectonics; Marine Geology; Geothermal Energy IssD: 1976 Pub: Publisher: ABS: IN THIS ISSUE: Exploring the Earth's Basement /2 (Seismic reflection profiling is the technique used in an ambitious cooperative study of the earth's deep crust and upper mantle. Sidney Kaufman, professor of geological sciences, discusses the method, its scientific and ec Collection: Engineering Quarterly File: 1976_v11_n1.pdf Desc: Description: Size: 37778056 URI: <http://hdl.handle.net/1813/2300> Visits: 428

AU: Lewis, Aaron; Cocchetto, Joseph F.; Price, David; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.17, No.4 (Spring 1983): Solar and Fuel Cells in Our Energy Future KW: Engineering; Cornell University; Solar Cells; Fuel Cells IssD: 1983 Pub: Publisher: ABS: IN THIS ISSUE: A Solar Cell Based on a Biological System /2 (A pigment produced by bacteria may have commercial usefulness in solar cells that could convert water to hydrogen and oxygen. Early experimental work is described by Aaron Lewis, associa Collection: Engineering Quarterly File: 1983_v17_n4.pdf Desc: Description: Size: 29632927 URI: <http://hdl.handle.net/1813/2423> Visits: 326

AU: Linke, Simpson; Ballantyne, Joseph M.; Nation, John A.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.19, No.4 (Winter 1984-85): The Centennial of Electrical Engineering KW: Engineering; Cornell University; Electrical Engineering; History IssD: 1984 Pub: Publisher:

ABS: IN THIS ISSUE: Celebrating a Centennial: Cornell Engineers to Convene at Symposia in Six Cities /2 (The centenary of electrical Collection: Engineering Quarterly File: 1984_v19_n4.pdf Desc: Description: Size: 37922438 URI: <http://hdl.handle.net/1813/2429> Visits: 279

AU: Linke, Simpson; Cady, K. Bingham; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.09, No.1 (Spring 1974): Planning for Energy R and D KW: Engineering; Cornell University; Energy Research and Development; Hydrogen; Nuclear Science IssD: 1974 Pub: Publisher:

ABS: IN THIS ISSUE: Toward a National Program for Energy Research and Development: A Report on the Cornell Workshops /2 (Groundwork for the government's announced \$10 billion program was laid at the Cornell Workshops on the Major Issues of a National Energy Research and Development Program, held in Washington last fall under auspices of the Atomic Energy Commission. A summary article reports on the findings and recommendations of some eighty leading experts from government, industry Collection: Engineering Quarterly File: 1974_v9_n1.pdf Desc: Description: Size: 45721788 URI: <http://hdl.handle.net/1813/2290> Visits: 310

AU: Loucks, Daniel P.; George, A. R.; Baker, L. Dale; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.15, No.1 (Summer 1980): Noise: the Fourth Pollutant KW: Engineering; Cornell University; Noise Pollution; Environmental Engineering; Noise Control; Agricultural Noise IssD: 1980 Pub: Publisher:

ABS: IN THIS ISSUE: Noise: The Fourth Pollutant /2 (Systematic approaches to the management of environmental noise, particularly in urban areas, are discussed by Daniel P. Loucks, professor and chairman of the Department of Environmental Engineering.) ... Industry and Aircraft: Major Problem Areas for Noise Control /12 (A. R. George, professor and director of Cornell's Sibley School of Mechanical and Aerospace Engineeri Collection: Engineering Quarterly File: 1980_v15_n1.pdf Desc: Description: Size: 30880864 URI: <http://hdl.handle.net/1813/2412> Visits: 295

AU: Loucks, Daniel P.; Gates, Charles D.; Dworsky, Leonard B.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.10, No.3 (Autumn 1975): Managing Our Water Resources KW: Engineering; Cornell University; Water Resource Systems; Environmental Engineering; Water Quality Control; Civil Engineering; Resources Management IssD: 1975 Pub: Publisher:

ABS: IN THIS ISSUE: Planning Water Resource Systems /2 (Better methods of planning our water resource systems depend on better knowledge of the physical, biological, chemical, economic, political, and social processes that are involved, according to Daniel P. Loucks, chairman of the Department of Environmental En Collection: Engineering Quarterly File: 1975_v10_n3.pdf Desc: Description: Size: 29276363 URI: <http://hdl.handle.net/1813/2309> Visits: 507

AU: Lovelace, Richard V. E.; Wharton, Charles B.; Fleischmann, Hans H.; Kusse, Bruce R.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.22, No.2 (Winter 1987-88): Pioneering in Plasma Studies KW: Engineering; Cornell University; Plasma Studies; High-Energy Particle Rings; Fusion IssD: 1987 Pub: Publisher:

ABS: IN THIS ISSUE: Pioneering in Plasma Studies is the second of a two-part series on Cornell research in plasmas. The Autumn 1987 issue f Collection: Engineering Quarterly

File: 1987_v22_n2.pdf Desc: Description: Size: 29745553

URI: <http://hdl.handle.net/1813/2438> Visits: 274

AU: Marble, Frank; Bueche, Arthur; Bowles, Kenneth; Kantrowitz, Arthur; Adams, Mac; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.01, No.3 (Fall 1966): A Look into the Future KW: Engineering; Cornell University; Future Developments; Aeronautics; Space IssD: 1966 Pub: Publisher:

ABS: In this issue: "A Look into the Future" by Frank E. Marble, Arthur M. Bueche ... Kenneth L. Bowles ... Arthur R. Kanrowitz ... "The Next Twenty Years in Aeronautics and Space" by Mac. C. Adams ... Register ... Faculty Publications ... "Two Decades" by Donald F. Berth. Collection: Engineering Quarterly

File: 1966_v1_n3.pdf Desc: Description: Size: 47121700

URI: <http://hdl.handle.net/1813/2216> Visits: 520

AU: McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.25, No.4 (Summer 1991): Silver Anniversary Edition KW: Engineering; Cornell University; Education; Research IssD: 1991 Pub: Publisher:

ABS: IN THIS ISSUE: Our Silver Anniversary /2 (With this issue, Engineering: Cornell Quarterly celebrates twenty-five years of publication; when Vol. 26, No. 1 appears in the fall, the magazine will have a new format and a new editor. Here is a brief look at the Quarterly and the college over the past quarter century.) ... Reflections by Cornell Engineering Professors /7 (Thirty-two Cornell engineering professors and former deans who have been on the scene during the Quarterly's first twenty-five years contribute a varied collection of reminiscences, assessments, and predictions.) ... Register /54 ... Faculty Publications /57 Collection: Engineering Quarterly

File: 1991_v25_n4.pdf Desc: Description: Size: 56697112

URI: <http://hdl.handle.net/1813/2451> Visits: 437

AU: McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.20, No.5 (Summer 1986): The High-Energy Synchrotron Source KW: Engineering; Cornell University; Synchrotron; Radiation; X-Ray Optics; CHESS; Interface Science IssD: 1986 Pub: Publisher:

ABS: IN THIS ISSUE: Focus on CHESS: The Cornell High Energy Synchrotron Source (Editorial) /2 (Information about an important national laboratory at the University is given in this special issue of the Quarterly, prepared as a supplement to the Spring 1986 issue, &qu Collection: Engineering Quarterly

File: 1986_v20_n5.pdf Desc: Description: Size: 10786274

URI: <http://hdl.handle.net/1813/2404> Visits: 245

AU: McConkey, Gladys; Pollock, Ann TI: Engineering: Cornell Quarterly, Vol.16, No.2 (Autumn 1981): Macro Pictures with Micro Detail KW: Engineering; Cornell University;

Engineering Research; Design Skills; LION; nuclear fusion; Semiconductor Electronics
IssD: 1981 Pub: Publisher:

ABS: IN THIS ISSUE: An Overview: Cornell's \$22.5-Million Program in Engineering Research /2 (With increased funding, more industrial input, and a strong interdisciplinary component, the research side of the College program is flourishing.) ...

Design Sk Collection: Engineering Quarterly

File: 1981_v16_n2.pdf Desc: Description: Size: 36043698

URI: <http://hdl.handle.net/1813/2417> Visits: 366

AU: McGuire, William; White, Richard; Henkel, David; Gates, Charles; Fisher, Gordon; Berth, Donald
TI: Engineering: Cornell Quarterly, Vol.02, No.1 (Spring 1967): Improving Man's Environment
KW: Engineering; Cornell University; Nuclear Energy; Land Resource Utilization; Water Supply; Water Management; Environment; Systems Engineering
IssD: 1967 Pub: Publisher:

ABS: In this Issue: "Engineering for Human Needs" by William McGuire ... "New Concept in Nuclear Reactor Housing" by Richard N. White ... "Land Resource Utilization and Planning" by David J. Henkel ... "Water Shortage, No ... Sound Management, Yes" by Charles D. Gates ... "Systems Engineering and Human Environment" by Gordon P. Fisher ... Faculty Publications ... Editorial. Collection: Engineering Quarterly

File: 1967_v2_n1.pdf Desc: Description: Size: 47001392

URI: <http://hdl.handle.net/1813/2218> Visits: 527

AU: McManus, Howard; Saunders, Byron; Berth, Byron; Wehe, Robert; Luce, Alexander
TI: Engineering: Cornell Quarterly, Vol.02, No.2 (Summer 1967): Teaching Engineering Design
KW: Engineering; Cornell University; Engineering Design; Lunar Land Rover; Cornell Dynamitron; Nuclear Energy; Particle Accelerator
IssD: 1967 Pub: Publisher:

ABS: In this Issue: "State of the Art" by Howard N. McManus, Byron W. Saunders, Donald F. Berth ... "Students Design Lunar Land Rover Components" by Robert L. Wehe ... "Design Realism for the Classroom" by Alexander W. Luce ... "Vantage (photo essay: Cornell Dynamitron)" ... Register ... Faculty Publications. Collection: Engineering Quarterly

File: 1967_v2_n2.pdf Desc: Description: Size: 28109390

URI: <http://hdl.handle.net/1813/2219> Visits: 406

AU: Meyburg, Arnim H.; Cesario, Frank J.; Schuler, Richard E.; Irwin, Lynne H.; Moon, Francis C.; Berth, Donald; McConkey, Gladys
TI: Engineering: Cornell Quarterly, Vol.11, No.4 (Winter 1977): Shaping Our Transportation System
KW: Engineering; Cornell University; Alternative Energy; Urban Transportation; Transportation Energy; Civil Engineering; Magneto-Mechanics
IssD: 1977 Pub: Publisher:

ABS: IN THIS ISSUE: The Role of Mass Transit in Urban Transportation Systems /2 (Basic mobility for all can be achieved with balanced urban transportation systems that include both private automobiles and mass transit facilities, in the view of Arnim H. Meyburg, associate pr
Collection: Engineering Quarterly

File: 1977_v11_n4.pdf Desc: Description: Size: 47105680

URI: <http://hdl.handle.net/1813/2303> Visits: 277

AU: Moon, Francis C.; Holmes, Philip; Hubbard, John H.; Leibovich, Sidney; Lumley, John L.; Guckenheimer, John; McConkey, Gladys
TI: Engineering: Cornell Quarterly,

Vol.20, No.3 (Winter 1986): Chaos and Physical Systems KW: Engineering; Cornell University; Fractals and Chaos; Chaotic Dynamics; Complex Fluid Motion; Computer Programming; Mathematics IssD: 1986 Pub: Publisher:
ABS: IN THIS IS Collection: Engineering Quarterly
File: 1986_v20_n3.pdf Desc: Description: Size: 34314537
URI: <http://hdl.handle.net/1813/2432> Visits: 323

AU: Nemhauser, George L.; Schultz, Andrew, Jr.; Muckstadt, John A.; Schruben, Lee W.; Lucas, William F.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.13, No.1 (July 1978): Operations Research Comes of Age KW: Engineering; Cornell University; Operations Research; Industrial Engineering; Game Theory IssD: 1978 Pub: Publisher:
ABS: IN THIS ISSUE: Operations Research /2 (George L. Nemhauser, director of the School of Operations Research and Industrial Engineering at Cornell, presents a perspective of a field still not well understood by the gener Collection: Engineering Quarterly
File: 1978_v13_n1.pdf Desc: Description: Size: 21666088
URI: <http://hdl.handle.net/1813/2405> Visits: 268

AU: Ober, Christopher K.; Stoffel, Nancy C.; Russell, Michael W.; Kraus, Gerald T.; Giannelis, Emmanuel P.; Li, Che-Yu; Avedisian, C. Thomas; Torrance, Kenneth E.; Krusius, J. Peter; Price, David TI: Engineering: Cornell Quarterly, Vol.28, No.1 (Autumn 1993): The Electronic Packaging Program KW: Engineering; Cornell University; Electronic Packaging; Polymers; Oxides; Microelectronics; Thermal Engineering; Computer Packaging IssD: 1993 Pub: Publisher:
ABS: IN THIS ISSUE: The Electronic Packaging Program /2 (The ongoing miniaturization of electronic products challenges engineers to find better ways of putting them together.) ... The Importance of Polymers in Packaging /4 (The advantages of polymers make them indispensable in electronic packaging; overcoming their shortcomings makes for challenging research.) ...Spin-On Oxides for Microelectronics /9 (A technique developed for preparing photoresists can be used to make thin films o Collection: Engineering Quarterly
File: 1993_v28_n1.pdf Desc: Description: Size: 34732724
URI: <http://hdl.handle.net/1813/2459> Visits: 599

AU: Oliver, Jack; Bird, John; Isacks, Bryan; Bloom, Arthur; Bonnicksen, Bill; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.08, No.2 (Summer 1973): Geology: New Thrust in an Old Science KW: Engineering; Cornell University; Geology; Plate Tectonics; Oceans; Continents; mountain building; Crustal Rock; Seismology; Coral Reefs; Metal IssD: 1973 Pub: Publisher:
ABS: IN THIS ISSUE: Geology at Cornell: An Adventure Story /2 (The diversity and vitality of the Department of Geological Sciences, which is expanding at a time of new impetus in the discipline, is discussed by department chairman Jack Oliver.) ... The Changing Mosaic of Oceans and Continents: Plate Tectonics as a Unifying Model of the Earth /10 (Ocean-floor exploration and the study of mountain building are among aspects of the geological sciences discussed by Professor John M. Bird in a comprehensive assessment of plate tectonics.) ... The Descent of Crustal Rock into the Earth's Interior: Seismological Studies of Convection /27 (Aspects of Cornell research on earthquakes are interpreted by Bryan L. Isacks, associate professor of geological

sciences.) ... Studying Ice Ages in the South Pacific /27 (A record of sea-level changes caused by the advance and retreat of glaciers is preserved in coral reefs of the South Pacific. Arthur L. Bloom, associate professor of geological sciences, explains a mode of research with obvious attractions.) ... Finding New Sources for Metals: A Challenge for Geologists /32 (Problems associated with the rapidly increasing demand for metals are discussed by Bill Bonnicksen, assistant professor of geological sciences.) ... Vantage /39 (Geology Day this spring provided members of the local community an opportunity to see what is going on in the geological sciences at Cornell.) ... Register /44 ... Faculty Publications /49 Collection: Engineering Quarterly
 File: 1973_v8_n2.pdf Desc: Description: Size: 47875922
 URI: <http://hdl.handle.net/1813/2282> Visits: 436

AU: Owen, Walter; Burton, Malcolm; Gordon, William; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.01, No.2 (Summer 1966): Engineering New Materials KW: Engineering; Cornell University; Materials Science; Mechanical Arts; Space IssD: 1966 Pub: Publisher:
 ABS: In this issue: "Materials Science: An Engineering-Science Interface" by Walter S. Owen ... "Vantage" (a tour of the Materials Science Department) ... "An Eye and Ear to Space" by Dr. William S. Gordon ... Register ... Faculty Publications ... Editorial Collection: Engineering Quarterly
 File: 1966_v1_n2.pdf Desc: Description: Size: 34996956
 URI: <http://hdl.handle.net/1813/2215> Visits: 336

AU: Pottle, Christopher; Mink, Kate; Goldbaum, Sari Lynn; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.23, No.3 (Spring 1989): Computer Graphics in the Education of Engineers KW: Engineering; Cornell University; Computing; Computer-Aided Design; Education IssD: 1989 Pub: Publisher:
 ABS: IN THIS ISSUE: Punch Cards to Color Graphics: The Story of Educational Computing at Cornell /2 (Christopher Pottle, the associate dean for computing at the College of Engineering, reviews the rapid development of instructional computing in the undergraduate Collection: Engineering Quarterly
 File: 1989_v23_n3.pdf Desc: Description: Size: 45440050
 URI: <http://hdl.handle.net/1813/2443> Visits: 253

AU: Resler, E. L. Jr; Gouldin, Frederick; de Boer, P. C. T.; McLean, William; Rosson, Joseph; Wilson, Wallace; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.08, No.4 (Winter 1974): Options for Engines KW: Engineering; Cornell University; Internal Combustion Engine; Pollution; Gas Turbine; Hydrogen Fuel; Cornell Electric Car; Automotive Power Plants IssD: 1974 Pub: Publisher:
 ABS: IN THIS ISSUE: Cornell's Low-Pollution Internal Combustion Engine /2 (Ingenious and workable ways to reduce pollutants in internal-combustion-engine exhausts have come from the Sibley School of Mechanical and Aerospace Engineering. E. L. Resler, Jr., director of the School, describes how he and a Ph.D. student have developed modifications that would enable the automobile-manufacturing industry to meet emission standards without abandoning current technology.) ... The Gas Turbine as a Vehicle Engine /14 (It may have to remain in second place for a while, but the gas turbine engine is potentially a superior choice for automotive use. This is the view advanced by Frederick C. Gouldin, assistant professor of mechanical and aerospace engineering at Cornell, who is conducting research in this area.) ... Hydrogen: Fuel of

the Future For Transportation Engines /23 (The inevitable and imminent exhaustion of petroleum supplies on Earth gives special importance to the emergence of hydrogen as a potential fuel. Its use in transportation vehicles is discussed by Professors P. C. T. de Boer and William McLean of the Sibley School, who are collaborating in r Collection: Engineering Quarterly

File: 1974_v8_n4.pdf Desc: Description: Size: 46093883

URI: <http://hdl.handle.net/1813/2284> Visits: 334

AU: Rhodes, Frank H. T.; Turcotte, Donald F.; Brice, William R.; Oliver, Jack; Brown, Larry; Isacks, Bryan L.; Karig, Daniel E.; Bassett, William A.; Bird, John M.; Weathers, Maura S.; Kay, Robert W.; Kay, Suzanne Mahlburg; Bloom, Arthur L.; Cisne, John L.; Bird, John M.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.19, No.2/3 (Autumn 1984): Geology at Cornell on the Move KW: Engineering; Cornell University; Geological Sciences; Mountain-Building; Sediment; Continental Crust; Geomorphology; Fossils IssD: 1984 Pub: Publisher:

ABS: IN THIS ISSUE: Section I. Geology and the Cornell Department: The Ascendency of the Geological Sciences /2 Frank H. T. Rhodes ... Snee Hall: Bigy Beautiful, Friendly, Functional /5 ... Engineering and the Geological Sciences /10 Donald F. Turcotte ... Cornell Geology 1868-1984: A Review /15 William R. Brice ... Geology 2020 /25 Jack Oliver ---- Section II. Understanding Our Planet: Current Studies at Cornell: Exploring the Earth Beneath the Continents /29 Larry Brown ... The Cornell Andes Project Collection: Engineering Quarterly

File: 1984_v19_n2_3.pdf Desc: Description: Size: 73273105

URI: <http://hdl.handle.net/1813/2428> Visits: 324

AU: Robinson, Kenneth L.; Price, Donald R.; Jewell, William J.; Shuler, Michael L.; Finn, Robert K.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.12, No.1 (Spring 1977): Using Our Agricultural Resources KW: Engineering; Cornell University; Population Control; Agriculture; Food and Energy; Agricultural Engineering; Fermentation IssD: 1977 Pub: Publisher:

ABS: IN THIS ISSUE: Hope for the World's Hungry /2 (Although the world population is certain to increase for the next twenty to twenty-five years, starvation is not inevitable, maintains Kenneth L. Robinson, professor of agricultural economics at Cornell. If population control is combined with agricultural expansion and improvement and if sufficient low-cost energy for fertilizer production is available, food production could increase at rates comparable to population growth.) ... Food and Energy: Their Interdependence /8 (Changes in agricultural methods could enormously reduce the current agricultural dependence on fossil fuel Collection: Engineering Quarterly

File: 1977_v12_n1.pdf Desc: Description: Size: 40202834

URI: <http://hdl.handle.net/1813/2304> Visits: 407

AU: Ruoff, Arthur L.; Bassett, William A.; Kohlstedt, David L.; Everhart, Thomas E.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.14, No.1 (Summer 1979): Materials at Ultrahigh Pressures KW: Engineering; Cornell University; Megabar Pressures; Submicron Volumes; superconductors; ultrahigh pressures; geological sciences; materials science and engineering IssD: 1979 Pub: Publisher:

ABS: IN THIS ISSUE: Megabar Pressures in Submicron Volumes /2 (Transformations like the creation of metals from gases and the conversion of insulators to

superconductors are possible under ultrahigh pressures. Arthur L. Ruoff, Class of 1912 Professor and director of the Department of Materials Science and Engineering at Co
Collection: Engineering Quarterly
File: 1979_v14_n1.pdf Desc: Description: Size: 38722292
URI: <http://hdl.handle.net/1813/2409> Visits: 476

AU: Ruoff, Arthur L.; Raj, Rishi; Giannelis, Emmanuel P.; Johnson, Herbert H.; Dieckmann, Rudiger; Kohlstedt, David L.; Burlitch, James M.; Carter, C. Barry; Susnitzky, David W.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.23, No.2 (Winter 1989): A New Era of Ceramic Materials KW: Engineering; Cornell University; Ceramics; Molecular Engineering; Ceramic Fibers; Solid-State Reactions; Crystalline-Amorphous Materials; Metal-Ceramic Adhesion IssD: 1989 Pub: Publisher:
ABS: IN THIS ISSUE: The Cornell Ceramics Program /2 Arthur L. Ruoff ... A New Era of Ceramic Materials /7 Rishi Raj ... Molecular Engineering of Ceramics: Chemical Approaches to the Design of Materials /15 Emmanuel P. Giannelis ... Ceramic Fibers for Advanced Composites: A New Approach Using Integrated-Circuit Technology /19 Herbert H. Johnson ... Point Defects in Ceramic Oxides: How They Affect Material Properties and the Kinetics of Solid-State Reactions /24 Rudiger Dieckmann ... Crystalline-Amorphous Materials: Important in the Earth and in Industry /29 David L. Kohlstedt ... Gluing Metals to Ceramics: The Chemistr Collection: Engineering Quarterly
File: 1989_v23_n2.pdf Desc: Description: Size: 49721876
URI: <http://hdl.handle.net/1813/2442> Visits: 306

AU: Sachse, Wolfgang; Segre, Alberto Maria; Subramanian, Devika; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.23, No.4 (Summer 1989): Machines that Learn KW: Engineering; Cornell University; neural-like processors; artificial intelligence; Robots; Symbolic Representations IssD: 1989 Pub: Publisher:
ABS: IN THIS ISSUE: Machines That Learn and Recall: Their Beginnings in Research on Neural-Like Processing of Signals /2 (Wolfgang Sachse, Cornell professor of theoretical and applied mechanics, discusses how a neural-like processor can be used to
Collection: Engineering Quarterly
File: 1989_v23_n4.pdf Desc: Description: Size: 23352218
URI: <http://hdl.handle.net/1813/2444> Visits: 367

AU: Schiffman, Robert L.; Kulhawy, Fred H.; Sangrey, Dwight A.; Goodman, Richard E.; Ingraffea, Anthony R.; Irwin, Lynne H.; O'Rourke, Thomas D.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.13, No.4 (April 1979): Building on the Surfaces of the Earth KW: Engineering; Cornell University; Geotechnical Engineering; Foundation Engineering; Marine Geotechnology; Engineering Geology; Soil Stabilization IssD: 1979 Pub: Publisher:
ABS: IN THIS ISSUE: Perspectives in Geotechnical Engineering /2 (A Cornell graduate, Robert L. Schiffman, takes a broad view of his specialty field. He is now professor of civil engineering at the University of Colorado at Boulder.) ... Foundation Engineering: New Skills in an Ancient Art /7 (Rock, soil, and seafloor sediment present different problems in foundation engineering. Fred H. Kulhawy, associate professor at Cornell, discusses how the field is responding to the require
Collection: Engineering Quarterly
File: 1979_v13_n4.pdf Desc: Description: Size: 35215750
URI: <http://hdl.handle.net/1813/2408> Visits: 543

AU: Schuler, Richard E.; Harrison, Ellen Z.; Raymond, Lyle S., Jr.; Gouldin, Frederick C.; Ditz, Daryl W.; Martin, John H., Jr.; Harrison, Ellen Z.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.24, No.4 (Summer 1990): Dealing with Waste KW: Engineering; Cornell University; Solid Waste Management; Landfills; Waste Incinerators; Airborne Pollution IssD: 1990 Pub: Publisher:

ABS: IN THIS ISSUE: Dealing with Trash: Cornell's Program in Solid Waste Management /2 ... Municipal Solid Waste: Crisis or Opportunity? /4 Ri Collection: Engineering Quarterly

File: 1990_v24_n4.pdf Desc: Description: Size: 35006880

URI: <http://hdl.handle.net/1813/2448> Visits: 354

AU: Schultz, Andrew Jr; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.06, No.4 (Winter 1972): Celebration in Perspective KW: Engineering; Cornell University; Centennial; Convocation IssD: 1972 Pub: Publisher:

ABS: IN THIS ISSUE: Securing the Future: Centennial-Year Message from the Dean /2 (Andrew Schultz, Jr., takes a long-range view of the College's status, problems, and plans.) ... Looking Ahead: Ideas from Alumni Engineers /15 (Thoughts and recommendations that emerged from Engineering Convocation work-group meetings and executive sessions are informally reviewed.) ... A New Tradition for a New Century /20 (The first Engineering Awards, which were inaugurated at the centennial Convocation, honor fourteen benefactors of the College and a former dean.) ... (Vantage: Centennials are for Celebrating /24 (The planning and experiencing of a combined celebration and conference from the viewpoint of one who helped plan it. Donald F. Berth explores the Engineering Convocation in words and pictures.) ... Register /31 (New and visiting professors augment the College of Engineering faculty.) ... Faculty Publications /36 ... Editorial /40 Collection: Engineering Quarterly

File: 1972_v6_n4.pdf Desc: Description: Size: 33288657

URI: <http://hdl.handle.net/1813/2276> Visits: 339

AU: Schultz, Andrew Jr; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.04, No.4 (Winter 1970): The Quiet Revolution KW: Engineering; Cornell University; Operations Research IssD: 1970 Pub: Publisher:

ABS: In this Issue: The Q Collection: Engineering Quarterly

File: 1970_v4_n4.pdf Desc: Description: Size: 34364544

URI: <http://hdl.handle.net/1813/2255> Visits: 252

AU: Schultz, Andrew Jr; Carr, Carson Jr; Franson, Mary Ann Huber TI: Engineering: Cornell Quarterly, Vol.07, No.2 (Summer 1972): Meeting the Manpower Crisis KW: Engineering; Cornell University; Manpower; Women; Minority Students IssD: 1972 Pub: Publisher:

ABS: IN THIS ISSUE: Editorial /2 (The Coming Crisis in Engineering Manpower, contributed by guest editorialist Andrew Schultz, Jr., dean of the Cornell College of Engineering, provides a national perspective in the Quarterly's look at some aspects of the engineering manpower picture.) .. Engineering at Cornell for Minority Students /4 (An innovative project is discussed by Carson Carr, Jr., director of student personnel at the College of Engineering, who is working actively in the development of a program for students from racial minority groups.) ... The New Woman and the New Engineering /13 (The potential of another underdeveloped source of engineering talent

is discussed by Mary Ann Huber Franson, a technical publications consultant who holds two engineering degrees from Cornell.) ... Commentary /22 (Contributors to a Seminar on Women in Engineering are four young Cornell women engineers who present their views of the rewards and difficulties of careers in engineering and related fields for women.) ... Faculty Publications /34 Collection: Engineering Quarterly

File: 1972_v7_n2.pdf Desc: Description: Size: 28753665

URI: <http://hdl.handle.net/1813/2278> Visits: 283

AU: Schultz, Andrew Jr; Moyer, Donald; Smith, Howard; Erickson, William; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.01, No.1 (Spring 1966): Engineering Education Today KW: Engineering; Education; Cornell University; College Admissions; College Programs IssD: 1966 Pub: Publisher:

ABS: Collection: Engineering Quarterly

File: 1966_v1_n1.pdf Desc: Description: Size: 42440915

URI: <http://hdl.handle.net/1813/2214> Visits: 378

AU: Schultz, Andrew Jr; Smith, Julian; Haddad, Jerrier; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.01, No.4 (Winter 1967): CES-Continuing Engineering Studies KW: Engineering; Cornell University; Continuing Education; Osolescence; Engineers; Venezuela IssD: 1967-05 Pub: Publisher:

ABS: In this Issue: "Mutual Interests in Continuing Education" by Andrew Schultz, Jr ... "Osolescence: Rx CES" by Julian C. Smith ... "Developing Tomorrow's Engineer Today" by Jerrier A. Haddad ... "Guidepost: by Donald F. Berth ... "Vantage (phot essay on Venezuelan Engineering Educators visiting Cornell). Collection: Engineering Quarterly

File: 1967_v1_n4.pdf Desc: Description: Size: 36255526

URI: <http://hdl.handle.net/1813/2217> Visits: 336

AU: Schultz, Andrew, Jr.; Maxwell, William L.; Muckstadt, John A.; Schruben, Lee; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.17, No.2 (Autumn 1982): Productivity and Engineering KW: Engineering; Cornell University; Productivity; Automation; Manufacturing; Computer Modeling IssD: 1982 Pub: Publisher:

ABS: IN THIS ISSUE: Productivity and Engineering /2 (What must be done to achieve much needed increases in United States manufacturing productivity is discussed by Andrew Schultz, Jr., a Cornell operations research specialist.) ... Toward Revitalized U.S. Industry /10 (Cornell's new program in manufacturing engineering and productivity is outlined.) ... Automated Factories: A Necessity for U.S. Industry /19 (Two members of Cornell's School of Operations Research and Industrial Engineering, William L. Maxwell and John A. Muckstadt, describe the organization of industrial workplaces of the future.) ... Solving Manufacturing Problems Through Simulation /24 (The usefulness of computer modeling in industrial engineering is explained by Cornell's Lee Schruben, an operations research specialist.) ... Register /30 ... Facets /35 (A new department of the Quarterly featuring avocations and outside interests of people at the College is initiated with a feature on philatelist Julian C. Smith.) ... Vantage /38 (Construction begins on a new geological sciences building.) ... Faculty Publications /40 ... Letters /44 Collection: Engineering Quarterly

File: 1982_v17_n2.pdf Desc: Description: Size: 26854368

URI: <http://hdl.handle.net/1813/2421> Visits: 260

AU: Seebass, A. Richard; Groninger, Vicki; Rippel, Wally; Moore, Franklin K. TI: Engineering: Cornell Quarterly, Vol.05, No.2 (Summer 1970): Our Pollution Quagmire
KW: Engineering; Cornell University; Aerospace Engineering; SST; Pollution; Electrical Power; Thermal Pollution
IssD: 1970 Pub: Publisher:

ABS: America's SST: Fallouts /2 (A long-time proponent of Ame Collection: Engineering Quarterly

File: 1970_v5_n2.pdf Desc: Description: Size: 24366797

URI: <http://hdl.handle.net/1813/2257> Visits: 315

AU: Seznec, Alain; Lynn, Walter R.; Brown, Stuart M.; Orloff, Neil; Lee, Alfred M.; Meyburg, Arnim H.; McConkey, Gladys; Pollock, Ann TI: Engineering: Cornell Quarterly, Vol.15, No.4 (Spring 1981): Social Issues and the Engineer
KW: Engineering; Cornell University; Education; China; environmental law; Technology Assessment
IssD: 1981 Pub: Publisher:

ABS: IN THIS ISSUE: Environmental Law in the Eighties /2 (Neil Orloff, a Cornell environmental engineering professor who is also a lawyer, calls for a restructuring of the massive body of environmental law during the coming period of reassessment.) ...

Technology Assessment: An Added Responsibility for Engineers /7 (An activity that has developed in response to public concern over possible harmful effects of technology is discussed by Alfred M. Lee and Arnim H. Meyburg of Cornell's P Collection: Engineering Quarterly

File: 1981_v15_n4.pdf Desc: Description: Size: 31594388

URI: <http://hdl.handle.net/1813/2415> Visits: 309

AU: Shealy, J. Richard; Krusius, J. Peter; Al-Omar, Abdul-Azeez; Weinzierl, Steven R.; Luk, Franklin T.; Schimmel, David E.; Torng, H. C.; Tang, C. L.; Bilardi, Gianfranco; Pollock, Clifford R.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.23, No.1 (Autumn 1988): A New Thrust in Electronics Research
KW: Engineering; Cornell University; Electronics Research; High-Speed Electron Devices; Supercomputer Simulation; Ultra-High-Speed Semiconductors; Signal Processing; Computer Architecture; Femtosecond Spectroscopy; Soliton Laser
IssD: 1988 Pub: Publisher:

ABS: IN THIS ISSUE: Cornell and JSEP: A New Thrust in a Major Program of Electronics Research /2 ... Growing Crystalline Layers for New Collection: Engineering Quarterly

File: 1988_v23_n1.pdf Desc: Description: Size: 43007181

URI: <http://hdl.handle.net/1813/2441> Visits: 405

AU: Shepherd, Dennis G.; Conta, Bart; Wyatt, Alan; Masin, Laura; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.11, No.3 (Autumn 1976): Alternatives for Technology
KW: Engineering; Cornell University; Alternative Energy; Wind Power; Energy Self-Sufficiency
IssD: 1976 Pub: Publisher:

ABS: IN THIS ISSUE: What Price Wind Power? /2 (From the point of view that alternative sources of energy will have to be developed in the near future and that economics is the key to which options are feasible, Professor Dennis G Collection: Engineering Quarterly

File: 1976_v11_n3.pdf Desc: Description: Size: 44392944

URI: <http://hdl.handle.net/1813/2302> Visits: 470

AU: Silcox, John; Desch, Noel; Dieckmann, Rudiger; Geray, Roland; Pollock, Clifford; Kramer, Edward J.; Sethna, James P.; Lee, Jean; McConkey, Gladys; Price, David TI: Engineering: Cornell Quarterly, Vol.26, No.1 (Autumn 1991): The Materials Science Center: Cornell's Premier Interdisciplinary Laboratory KW: Engineering; Cornell University; Materials Science; Ceramic Single Crystals; Forsterite; Polymers IssD: 1991 Pub: Publisher:

ABS: IN THIS ISSUE: The Materials Science Center: Cornell's Premier Interdisciplinary Laboratory /2 (The history and functions of the Materials Science Center at Cornell are discussed by the director, John Silcox.) ... Making E Collection: Engineering Quarterly File: 1991_v26_n1.pdf Desc: Description: Size: 56171593 URI: <http://hdl.handle.net/1813/2452> Visits: 255

AU: Silcox, John; Sass, Stephen; Siegel, Benjamin; Seidman, David; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.07, No.3 (Autumn 1972): Seeing with Electrons and Ions KW: Engineering; Cornell University; Electron Microscopy; Biomacromolecules; Applied Physics; field ion microscope IssD: 1972 Pub: Publisher:

ABS: IN THIS ISSUE: The Chemical Nature of Atoms: A New Subject for Electron Microscopy /2 (John Silcox, director of the School of Applied and Engineering Physics at Cornell, describes the development of instrumentation and techniques that can provide a new kind of information on the structure of materials.) ... Electron Microscopy in the Study of Materials /9 (The director of Cornell's electron microscope facility at the College of Engineering, Stephen L. Sass, shows how the microscopic examination of specimens is used in studying the physical properties of materials.) ... High-Resolution Microscopy of Biomacromolecules: Present Limitations and Future Possibilities /14 (Cornell research that is extending the high-resolution capabilities of electron microscopy is discussed by Benjamin M. Siegel, professor of applied physics, in an article on the application of this technique to studies of biological interest, in particular the delineation of the ultrastructure of macromolecules.) ... Seeing With Ions: High-Resolution Magnification Without Lenses /21 (A high-resolution microscope in which ions rather than electrons create the image is discussed by David N. Seidman, associate professor of materials science and engineering. The field ion microscope, an instrument without lenses, permits the observation of individual atoms on the surface of a metal.) ... Register /30 (The appointment of Edmund T. Cranch to succeed Andrew Schultz, Jr., as College of Engineering dean is featured, and other staff and faculty appointments are covered.) ... Faculty Publications /41 Collection: Engineering Quarterly

File: 1972_v7_n3.pdf Desc: Description: Size: 43132918

URI: <http://hdl.handle.net/1813/2279> Visits: 247

AU: Smith, Howard G.; Dalman,G. Conrad; Tang, C. L.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.11, No.2 (Summer 1976): A Century of Electrical Engineering KW: Engineering; Cornell University; History of Engineering; Electrical Engineering; Optics and Optoelectronics IssD: 1976 Pub: Publisher:

ABS: IN THIS ISSUE: When the Sparks Began to Fly: A Century of Electrical Engineering at Cornell /2 (In the spirit of centenary (if not bicentennial) celebration, the College of Engineering focuses on Cornell's part in the growth of electrical engineering from its beginnings to the huge, complex, and immensely important technology it is today. Donald F. Berth, director of special projects, and Howard G. Smith, professor of electrical engineering, emeritus, collaborated on the r Collection: Engineering Quarterly

File: 1976_v11_n2.pdf Desc: Description: Size: 52895217
URI: <http://hdl.handle.net/1813/2301> Visits: 389

AU: Smith, Julian C.; Gubbins, Keith E.; Scheele, George F.; Anton, Brad; Gubbins, Keith E.; Panagiotopoulos, Athanassios Z.; Cohen, Claude; Koch, Donald L.; Shuler, Michael L.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.22, No.4 (Summer 1988): The Chemical Engineering School: 50 Years Old and Going Strong KW: Engineering; Cornell University; Chemical Engineering; Applied Science; Molecular Simulation; Fluid Dynamics; Biotechnology IssD: 1988 Pub: Publisher:

ABS: IN THIS ISSUE: The First Fifty Years of Cornell's School of Chemical Engineering /2 Julian C. Smith ... Strong and Looking Ahead: The School of Chemical Engineering Today /10 Keith E. Gubbins and George F. Scheele ... Reactive Surface Chemistry: A F Collection: Engineering Quarterly

File: 1988_v22_n4.pdf Desc: Description: Size: 44672400
URI: <http://hdl.handle.net/1813/2440> Visits: 473

AU: Sporn, Philip; Auer, Peter; Cady, K. Bingham; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.03, No.1 (1986-1969): Electrical Power Prospects KW: Engineering; Cornell University; Power industry; Plasma; Controlled Fusion; Nuclear Power; Engineering Physics IssD: 1969 Pub: Publisher:

ABS: In this Issue: The Power Industry Looks Ahead /2 (Noted power industrialist Philip Sporn examines the power industry in terms of generation, transmission, and distribution and predicts what its state will be in 1980.) ... Prospects for Controlled Fusion /12 (What are plasmas? How can t Collection: Engineering Quarterly

File: 1968_v3_n1.pdf Desc: Description: Size: 35733712
URI: <http://hdl.handle.net/1813/2251> Visits: 371

AU: Strausser, Michael W.; Strausser, Pamela G.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.21, No.2 (Winter 1986-87): Keeping on Top of Undergraduate Education KW: Engineering; Cornell University; Education; Computers; Manufacturing Engineering; Communication Skills IssD: 1986 Pub: Publisher:

ABS: IN THIS ISSUE: Collection: Engineering Quarterly
File: 1986_v21_n2.pdf Desc: Description: Size: 33056046
URI: <http://hdl.handle.net/1813/2435> Visits: 235

AU: Streett, William B.; Hale, Richard; Thomas, Robert J.; Fish, Michele D.; Price, David TI: Engineering: Cornell Quarterly, Vol.27, No.2 (Winter 1993): Pumps, Not Filters KW: Engineering; Cornell University; Education IssD: 1993 Pub: Publisher:

ABS: IN THIS ISSUE: Pumps, Not Filters /2 (A commitment to changing the freshman experience is making an engineering education more accessible to non Collection: Engineering Quarterly

File: 1993_v27_n2.pdf Desc: Description: Size: 42814410
URI: <http://hdl.handle.net/1813/2457> Visits: 455

AU: Streett, William B.; Parsons, Kermit C.; Smith, Julian C.; Orloff, Neil; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.20, No.1 (Summer 1985): Building for a New Era KW: Engineering; Cornell University; Architecture; History; Environmental Engineering; EPA; Toxic Chemicals IssD: 1985 Pub: Publisher:

ABS: IN THIS ISSUE: To the Year 2000 and Beyond: A Comprehensive Plan for Engineering at Cornell /2 (A new building and extensive renovations are anticipated by a faculty planning committee working with Dean William B. Streett.) ... Building for Engineering at Cornell /8 (College history from an architectural viewpoint is discussed by Kermit C. Parsons of Cornell's College of Architecture, Art, and Planning.) ... The Rise of Research: Fifty Years of Change in Cornell's Engineering Program /26 (Chemical Engineering Professor Julian C. Smith traces the growth of research at the College from virtually nothing to Collection: Engineering Quarterly
File: 1985_v20_n1.pdf Desc: Description: Size: 56151661
URI: <http://hdl.handle.net/1813/2430> Visits: 358

AU: Streett, William B.; Phoenix, S. Leigh; Petrina, Petru; Belina, John; George, Albert R.; Wagoner, J. L. Clifford; Cranch, Edmund T.; Price, David TI: Engineering: Cornell Quarterly, Vol.26, No.2 (Winter 1992): M. Eng.: The Degree for the Professional Engineer KW: Engineering; Cornell University; Master of Engineering; Engineering Education; Electrical Engineering; Manufacturing Engineering IssD: 1992 Pub: Publisher:
ABS: IN THIS I Collection: Engineering Quarterly
File: 1992_v26_n2.pdf Desc: Description: Size: 43892976
URI: <http://hdl.handle.net/1813/2453> Visits: 335

AU: Streett, William B.; Prausnitz, J. M.; Mayer, James W.; Calado, Jorge C. G.; Lewenstein, Bruce V.; Kline, Ronald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.24, No.1 (Autumn 1989): Engineering in Context KW: Engineering; Cornell University; Education; History; Mass Media IssD: 1989 Pub: Publisher:
ABS: IN THIS ISSUE: Introductory Comments by the Dean /2 (William B. Streett, dean of the Cornell University College of Engineering, introduces this Quarterly issue on the theme "Engineering in Context".) ... From Apollo to Prometheus: What the Humanities Can Teach Us About Engineering Education /4 (J. M. Prausnitz, a Cornell graduate who is a professor of chemical engineering at the University of California at Berkeley, calls Collection: Engineering Quarterly
File: 1989_v24_n1.pdf Desc: Description: Size: 51201276
URI: <http://hdl.handle.net/1813/2445> Visits: 331

AU: Stringham, L.K.; Strong, Everett; Olson, Judith; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.02, No.3 (Autumn 1967): Co-Op=Vitalized Engineering Education KW: Engineering; Cornell University; Cooperative Education IssD: 1967 Pub: Publisher:
ABS: In this Issue: "Cooperative Education: The Industrial Perspective" by L. K. Stringham ... "Cooperative Education: The University Perspective" by Everett M. Strong ... "Cooperative Education: The Student Perspective" by Judith E. Olson ... "Vantage (600 engineering freshman begin their college careers)" ... Register ... Faculty Publications ... Editorial. Collection: Engineering Quarterly
File: 1967_v2_n3.pdf Desc: Description: Size: 37886669
URI: <http://hdl.handle.net/1813/2220> Visits: 359

AU: Sudan, Ravindra N.; Wharton, Charles B.; Kusse, Bruce R.; Nation, John A.; Fleischmann, Hans H.; Auer, Peter L.; Berth, Donald; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.12, No.3 (December 1977): Prospects for Fusion

Power KW: Engineering; Cornell University; Plasma Studies; Thermonuclear Reactor; Tokamak Reactor; Electron-beam heating; Ion Beams; Microwaves; thermonuclear fusion; magnetic confinement system IssD: 1977 Pub: Publisher:

ABS: IN THIS ISSUE: A Decade of Pioneering Research in Plasma Studies at Cornell /2 (Ravindra N. Sudan, director of the University's Laboratory of Plasma Studies, takes a look at Cornell Collection: Engineering Quarterly

File: 1977_v12_n3.pdf Desc: Description: Size: 38842341

URI: <http://hdl.handle.net/1813/2306> Visits: 332

AU: Tang, C. L.; Cool, Terrill A.; Pollock, Clifford R.; Wolga, George J.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.19, No.1 (Summer 1984): The Power of Optics for Technology KW: Engineering; Cornell University; Lasers; Semiconductors; Acousto-Optics IssD: 1984 Pub: Publisher:

ABS: IN THIS ISSUE: Femtosecond Lasers: Key to the Measurement of Ultrafast Processes in Semiconductors and Molecules /2 (According to C. L. Tang, Cornell professor of electrical engineering, faster electronic devices are among the technological benefits made possible by new laser techniques.) ... Lasers for Ultrasensitive Detection of Trace Chemicals /7 (How do fuels burn? Terrill A. Cool, professor of applied and engineering physics, explains how tunable dye lasers can provide information about the dynamics of hydrocarbon combustion and other technologically important chemical reactions.) ... Tunable Infrared Lasers Based on Color Centers /12 (Research on a remarkable and useful kind of laser is described by Clifford R. Pollock Collection: Engineering Quarterly

File: 1984_v19_n1.pdf Desc: Description: Size: 22044107

URI: <http://hdl.handle.net/1813/2427> Visits: 290

AU: Thomas, Robert J.; Cohen, Robert; Jirka, Gerhard H.; Jewell, William J.; McConkey, Gladys; Price, David TI: Engineering: Cornell Quarterly, Vol.17, No.1 (Summer 1982): Thinking Big About Our Energy Future KW: Engineering; Cornell University; Wind Power; Solar Energy; Thermal Energy; Power Grid; Fluid Dynamics; Crop Residues IssD: 1982 Pub: Publisher:

ABS: IN THIS ISSUE: Wind Power for Electric Utility Systems /2 (The large-scale solar-derived technology that is the most advanced in development is described by Robert J. Thomas, associate professor of electrical engineering at Cornell.) ... Ocean Thermal Energy to Feed the Power Grids /12 (Energy consultant Robert Cohen, a Cornell alumnus, discusses the OTEC program, its progress, and its potential. Cohen organized the original United States development program.) ... Ocean Thermal Energy and the Environment /20 (Gerhard H. Jirka, associate professor of civil and environmental engineering at Cornell, is concerned Collection: Engineering Quarterly

File: 1982_v17_n1.pdf Desc: Description: Size: 38634677

URI: <http://hdl.handle.net/1813/2420> Visits: 331

AU: Thorp, James S.; Kim, Myunghwan; Shoemaker, Christine A.; Stedinger, Jerry R.; Phelan, Richard M.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.14, No.3 (Winter 1979-80): Control of Dynamic Systems KW: Engineering; Cornell University; Electrical Power Systems; Power Grids; Control Theory; Cancer Therapy; Pest Management; Feedback Control IssD: 1979 Pub: Publisher:

ABS: IN THIS ISSUE: Editorial /2 ... Preventing Blackouts /3 (The control of large-scale electric power systems is discussed by James S. Thorp, professor of electrical

engineering, who is applying the relatively new concept of guaranteed stability to
proble Collection: Engineering Quarterly

File: 1979_v14_n3.pdf Desc: Description: Size: 36972820

URI: <http://hdl.handle.net/1813/2411> Visits: 331

AU: Turcotte, Donald; Gergely, Peter; Henkel, David; Berth, Donald TI: Engineering:
Cornell Quarterly, Vol.05, No.1 (Spring 1970): The Moving Earth KW: Engineering;
Cornell University; Plate tectonics; Continental Drift; Earthquake Engineering;
Landslides; Volcanic Eruptions IssD: 1970 Pub: Publisher:

ABS: Continental Drift/2 (Plate tectonics?what is it and how has it inlined our
knowledge of the earth? In his article on continental drift, Donald L. Turcotte, professor
of aerospace engineering, deals with the plate model of the dynamic behavior of the
earth.) ... Earthquake Engineering /10 (Peter Gergely associate professor of structural
engineering, examines the nature of the threat earthquakes pose for structures and the
design problems structural engineers face in attempting to ?engineer for earthquakes.?)
... Landslides /18 (Landslides, volcanic eruptions, and earthquakes are the three
naturally induced phenomena that make of this a truly moving earth. Quarterly editor
Donald F. Berth interviewed noted soils specialist David J. Henkel, who explores the
causes and character of landslides and their implications for structures.) ... Vantage /27
(A photoessay on the ?Meet the Professors? freshman engineering program at Cornell.)
... Faculty Publications /33 ...Editorial /40 Collection: Engineering Quarterly

File: 1970_v5_n1.pdf Desc: Description: Size: 33113238

URI: <http://hdl.handle.net/1813/2256> Visits: 309

AU: Wang, K. K.; Dawson, Paul R.; Bradt, L. Jack; McConkey, Gladys TI: Engineering:
Cornell Quarterly, Vol.17, No.3 (Winter 1982-83): New Directions in Manufacturing
Engineering KW: Engineering; Cornell University; CAD/CAM; Mechanical
Engineering; Manufacturing; Computer Modeling; Automation IssD: 1982 Pub:
Publisher:

ABS: IN THIS ISSUE: CAD/CAM in Mechanical Engineering /2 (Professor K. K. Wang
of the Sibley School of Mechanical and Aerospace Engineering introduces the second
Quarterly issue on subjects relevant to the Cornell Manufacturing Engineering and
Productivity Program (COMEPP). Wang is a co-director of COMEPP a Collection:
Engineering Quarterly

File: 1982_v17_n3.pdf Desc: Description: Size: 33750906

URI: <http://hdl.handle.net/1813/2422> Visits: 331

AU: Wang, Kuo-King; Lance, Richard H.; Berth, Donald; McConkey, Gladys TI:
Engineering: Cornell Quarterly, Vol.10, No.4 (Winter 1976): Working with Industry KW:
Engineering; Cornell University; Industry; Injection Molding; Education IssD: 1976 Pub:
Publisher:

ABS: IN THIS ISSUE: Research Associated with Industry: Cornell's Injection Molding
Project, Part of a New National Effort /2 (An unusual NSF-supported project involving
cooperative research by investigators from Cornell and a group of industrial firms is
described by Kuo-King Wang, Collection: Engineering Quarterly

File: 1976_v10_n4.pdf Desc: Description: Size: 33115808

URI: <http://hdl.handle.net/1813/2299> Visits: 285

AU: Winding, Charles; Rodriguez, Ferdinand; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.04, No.1 (Spring 1969): Chemical Engineering Perspectives KW: Engineering; Cornell University; Chemical Engineering IssD: 1969 Pub: Publisher: ABS: In this Issue: Cornell Collection: Engineering Quarterly
File: 1969_v4_n1.pdf Desc: Description: Size: 44264848
URI: <http://hdl.handle.net/1813/2252> Visits: 302

AU: Winter, George; White, Richard; Gallagher, Richard; Berth, Donald TI: Engineering: Cornell Quarterly, Vol.07, No.1 (Spring 1972): Structures for Today KW: Engineering; Cornell University; Thin-Walled Steel; Structural Modeling; civil engineering; Structural Engineering IssD: 1972 Pub: Publisher: ABS: IN THIS ISSUE: Thin-Walled Steel for Modern Structures: Thirty Years of Industry-Sponsored Research at Cornell /2 (Professor George Winter, who has been on the scene since 1939, reviews a long-term project that is the result of an unusual cooperative arrangement between the American Iron and Steel Institute and the University.) ... Structural Modeling in Research, Design, and Education /13 (A pragmatic approach to structural engineering research is discussed by Professor Richard N. White.) ... Consulting the Computer: A New Resource for Structural Engineers /21 (The huge field of civil engineering structural design is now responding to the "computer revolution." Professor Richard H. Collection: Engineering Quarterly
File: 1972_v7_n1.pdf Desc: Description: Size: 39008923
URI: <http://hdl.handle.net/1813/2277> Visits: 362

AU: Wolf, Edward D.; Rettig, Hillary; Rodriguez, Ferdinand; Isaacson, Michael S.; Siegel, Benjamin M.; Lewis, Aaron; Ashcroft, Neil W.; Richardson, Robert C.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.18, No.1/2 (Spring 1983): Discovery of the Submicron Domain KW: Engineering; Cornell University; Submicrons; Microstructures; Materials Science; Electrons, Ions, and Photons; Nanolithography; Microphysics IssD: 1983 Pub: Publisher: ABS: IN THIS ISSUE: Discovery in a New Domain: Research at the National Submicron Facility /2 Edward D. Wolf ... A Walking Tour of Knight Laboratory /7 Hillary Rettig ... Using the Submicron Facility: A Unique Opportunity for Researchers Throughout the United States /15 ... Improved Polymers for Advanced Lithography /19 Ferdinand Rodriguez ... Microstructures and Materia Collection: Engineering Quarterly
File: 1983_v18_n1_2.pdf Desc: Description: Size: 45664480
URI: <http://hdl.handle.net/1813/2424> Visits: 322

AU: Wolf, Edward D.; Tiberio, Richard C.; Phillips, James R.; Mayer, James W.; Ast, Dieter G.; Shealy, J. Richard; Tasker, Paul J.; Eastman, Lester F.; Hoch, Harvey C.; Staples, Richard C.; McConkey, Gladys TI: Engineering: Cornell Quarterly, Vol.22, No.3 (Spring 1988): Nanofabrication: Where Smaller is Better KW: Engineering; Cornell University; Nanofabrication; Poly-Si-Based Thin-Film Transistors; Semiconductor Laser; Semiconductor Transistors; Fungus; Microfabrication IssD: 1988 Pub: Publisher: ABS: IN THIS ISSUE: Ten Years Old and Going Strong: A Commemoration of a Decade of Research at Cornells National Nanofabrication Facility /2 Edward D. Wolf ... Fabricating Transistors in the Nanometer Domain /8 Richard C. Tiberio and Edward D. Wolf ... Links to the Outside World in Submicron-Sized Silicon Devices /11 James R. Phillips and James W. Mayer ... A New Flat Panel Display: Poly-Si-Based Thin-Film

Transistors for Large-Area Electronics /15 Dieter G. Ast ... A Red Semiconductor Laser:
An Efficient Microscope Collection: Engineering Quarterly
File: 1988_v22_n3.pdf Desc: Description: Size: 42075349
URI: <http://hdl.handle.net/1813/2439> Visits: 320

AU: Even, Tirtza TI: Rockefeller New Media Foundation Proposal KW: Art; Interactive
Art; Political Art; Video Installation IssD: 2006-06-30 Pub: Publisher:
ABS: Counterface, an interactive video in Collection: Even, Tirtza
File: Even_Tirtza_2003.pdf Desc: Description: Size: 3138385
URI: <http://hdl.handle.net/1813/3252> Visits: 48

AU: Even, Tirtza TI: Slip, an interactive video installation KW: Installation Art; Floor
Plan; Installation Shots/Documentation IssD: 2006-06-30 Pub: Publisher:
ABS: Slip, an interactive video installation Collection: Even, Tirtza
File: even_slide6.jpg Desc: Description: Even_slide 6 Size: 47401
URI: <http://hdl.handle.net/1813/3253> Visits: 63

AU: TI: 96-128*A Cardamine pratensis 'Flore Pleno' KW: Cardamine pratensis; Flore
Pleno; Cruciferae; Cuckoo Flower; WE-DU; Field House Nursery IssD: 2003-05-08 Pub:
Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 96-128_fl.jpg Desc: Description: Image of Flower Size: 516674
URI: <http://hdl.handle.net/1813/693> Visits: 168

AU: TI: 95-168*A Magnolia 'Ann' KW: Magnolia; Ann; Magnoliaceae; Edgewood
Nursery; Mary Rockwell Azalea Garden IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 95-168A_FL.jpg Desc: Description: Image of Flower Size: 327215
URI: <http://hdl.handle.net/1813/729> Visits: 183

AU: TI: 97-293*B Malus 'Liset' KW: Malus; Liset; Rosaceae; Flowering Crabapple;
Schmidt & Son Co.; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-293B_PL.jpg Desc: Description: Image of Plant Size: 623061
URI: <http://hdl.handle.net/1813/844> Visits: 160

AU: TI: 67-128*A Malus 'Winter Gold' KW: Malus; Winter Gold; Rosaceae; Flowering
Crabapple; Keller Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-27
Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 67-128A_FL.jpg Desc: Description: Image of Flower Size: 329683
URI: <http://hdl.handle.net/1813/984> Visits: 204

AU: TI: 98-188*B Malus 'Silver Drift' KW: Malus; Silver Drift; Rosaceae; Flowering
Crabapple; Simpson Orchard Company; Native Maple Collection IssD: 2003-05-19 Pub:
Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 98-188B_FL.jpg Desc: Description: Image of Flower Size: 329628
URI: <http://hdl.handle.net/1813/884> Visits: 149

AU: TI: 02-223*A Hosta 'Wolverine' KW: Hosta; Wolverine; Liliaceae; Plantain Lily; Lath House Nursery; Bridgewood IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-223A_PL.jpg Desc: Description: Size: 207748
URI: <http://hdl.handle.net/1813/1368> Visits: 168

AU: TI: 89-062*A Malus sargentii 'Tina' KW: Malus sargentii; Tina; Rosaceae; Dwarf Sargent Crabapple; Keenan Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 89-062_FL.jpg Desc: Description: Image of Flower Size: 344790
URI: <http://hdl.handle.net/1813/968> Visits: 208

AU: TI: 00-412*A Waldsteinia geoides KW: Waldsteinia geoides; Rosaceae; Barren Strawberry; Central Europe; The Plantsmen; Field House Nursery IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 00-412A_PL.jpg Desc: Description: Image of Plant Size: 541805
URI: <http://hdl.handle.net/1813/750> Visits: 787

AU: TI: 97-127*A Magnolia kobus var. stellata 'Two Stones' KW: Magnolia kobus var. stellata; Two Stones; Magnoliaceae; Star Magnolia; Harris Lilac Collection; Fairweather Gardens IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-127A_FL.jpg Desc: Description: Image of Flower Size: 254134
URI: <http://hdl.handle.net/1813/733> Visits: 147

AU: TI: 98-189*A Malus 'White Candle' KW: Malus; White Candle; Rosaceae; Flowering Crabapple; Simpson Orchard Company; Plantations Road IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 98-189A_FL.jpg Desc: Description: Image of Flower Size: 350388
URI: <http://hdl.handle.net/1813/885> Visits: 155

AU: TI: 00-421*B Malus 'Sinai Fire' KW: Malus; Sinai Fire; Rosaceae; Flowering Crabapple; Bailey Nurseries; Newman Meadow IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 00-421B_FL.jpg Desc: Description: Image of Flower Size: 359479
URI: <http://hdl.handle.net/1813/855> Visits: 709

AU: TI: 99-414*A Hemerocallis 'Chicago Brave' KW: Hemerocallis; Chicago Brave; Liliaceae; DayLily; Field House; Caprice Nursery IssD: 2003-07-30 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 99-414A_FL.jpg Desc: Description: Size: 315847
URI: <http://hdl.handle.net/1813/1438> Visits: 680

AU: TI: 77-407*A *Viburnum plicatum* f. *tomentosum* 'Lanarth' KW: *Viburnum plicatum* f. *tomentosum*; Lanarth; Caprifoliaceae; Doublefile *Viburnum*; Egolf Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 77-407A_FL.jpg Desc: Description: Image of Flower Size: 385141

URI: <http://hdl.handle.net/1813/985> Visits: 188

AU: TI: 01-006*A *Aquilegia* 'Leprechaun Gold' KW: *Aquilegia*; Leprechaun Gold; Ranunculaceae; Variegated *Colombine*; Arbor Village Farm; Field House Nursery IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-006A_FL.jpg Desc: Description: Size: 285192

URI: <http://hdl.handle.net/1813/1353> Visits: 257

AU: TI: 68-061*A *Magnolia* 'Jane' KW: *Magnolia*; Jane; Magnoliaceae; US National Arboretum; Class of 1923; Flowering Tree Collection IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 68-061A_FL.jpg Desc: Description: Image of Flower Size: 362741

URI: <http://hdl.handle.net/1813/716> Visits: 420

AU: TI: 02-106*A *Philadelphus* 'Pekphil' WHITE ROCK KW: *Philadelphus*; Pekphil; White Rock; Saxifragaceae; Mockorange; Harris Liliac Collection; Forest Farm Nursery IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-106A_FL.jpg Desc: Description: Size: 298596

URI: <http://hdl.handle.net/1813/1365> Visits: 199

AU: TI: 98-186*C *Malus* 'Prairie Maid' KW: *Malus*; Prairie Maid; Rosaceae; Flowering Crabapple; Natural Maple Collection; Simpson Nursery IssD: 2003-07-31 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-186C_FR.jpg Desc: Description: Size: 278251

URI: <http://hdl.handle.net/1813/1430> Visits: 154

AU: TI: 02-404*A *Echinacea purpurea* 'Rubinstern' KW: *Echinacea purpurea*; Rubinstern; Asteraceae; Purple Cone Flower; Lath House; Crownsville Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-404A_FL.jpg Desc: Description: Size: 320785

URI: <http://hdl.handle.net/1813/1375> Visits: 168

AU: TI: 75-173*B *Magnolia xloebneri* 'Merrill' KW: *Magnolia xloebneri*; Merrill; Magnoliaceae; Lobener *Magnolia*; Weston Nurseries; Jackson Grove IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 75-173B_FL.jpg Desc: Description: Image of Flower Size: 360443

URI: <http://hdl.handle.net/1813/719> Visits: 208

AU: TI: 00-115*B *Malus sieboldii* 'Wooster' KW: *Malus sieboldii*; Wooster; Rosaceae; Flowering Crabapple; Arbor Village Farms; Jackson Grove IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-115B_FL.jpg Desc: Description: Image of Flower Size: 297536

URI: <http://hdl.handle.net/1813/825> Visits: 1345

AU: TI: 00-113*B *Malus* 'Pink Giant' KW: *Malus*; Pink Giant; Rosaceae; Flowering Crabapple; Arbor Village Farms; Class of 1923; Flowering Tree Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-113B_FL.jpg Desc: Description: Image of Flower Size: 324744

URI: <http://hdl.handle.net/1813/799> Visits: 1211

AU: TI: 89-022*A *Halesia tetraptera* var. *tetraptera* KW: *Halesia tetraptera* var. *tetraptera*; Styrcaceae; Silverbell; Michigan; New York; Texas; Princeton Nurseries; Newman Meadow IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 89-022A_PL.jpg Desc: Description: Image of Plant Size: 663860

URI: <http://hdl.handle.net/1813/816> Visits: 119

AU: TI: 01-114*A *Heuchera* 'Coral Bouquet' KW: *Heuchera*; Coral Bouquet; Saxifragaceae; Coral Bells; Shady Oaks Nursery; Field House Nursery IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-114A_FL.jpg Desc: Description: Size: 250664

URI: <http://hdl.handle.net/1813/1355> Visits: 264

AU: TI: 68-062*A *Magnolia* 'Pinkie' KW: *Magnolia*; Pinkie; Magnoliaceae; US National Arboretum; Plantations Road IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 68-062A_FL.jpg Desc: Description: Image of Flower Size: 380863

URI: <http://hdl.handle.net/1813/717> Visits: 236

AU: TI: 02-049*A *Syneilesis aconitifolia* KW: *Syneilesis aconitifolia*; Lath House Nursery; Asteraceae; Shredded Umbrella Plant; Japan; Korea; Russia; Plant Delights IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-049A_PL.jpg Desc: Description: Plant Image Size: 415405

URI: <http://hdl.handle.net/1813/682> Visits: 331

AU: TI: 75-172*A *Magnolia xsoulangiana* 'Verbanica' KW: *Magnolia xsoulangiana*; Verbanica; Magnoliaceae; Late Blooming; Saucer Magnolia; Weston Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 75-172A_FL.jpg Desc: Description: Image of Flower Size: 533277

URI: <http://hdl.handle.net/1813/718> Visits: 205

AU: TI: 90-085*B *Cercis canadensis* f. *alba* KW: *Cercis canadensis* f. *alba*; Fabaceae; White-flowered redbud; Eastern United States; Weston Nurseries; Plantations Road
IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 90-085B_FL.jpg Desc: Description: Image of Flower Size: 324250

URI: <http://hdl.handle.net/1813/790> Visits: 138

AU: TI: 96-270*A *Cornus obliqua* KW: *Cornus obliqua*; Low Lands Collection
IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-270A_FL.jpg Desc: Description: Size: 342576

URI: <http://hdl.handle.net/1813/1407> Visits: 115

AU: TI: 97-189*B *Malus baccata* 'Walters' KW: *Malus baccata*; Walters; Rosaceae; Siberian Crabapple; Johnson's Nursery; Native Maple Collection
IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-189B_FL.jpg Desc: Description: Image of Flower Size: 394071

URI: <http://hdl.handle.net/1813/874> Visits: 134

AU: TI: 02-300*A *Syringa yunnanensis* 'Prophecy' KW: *Syringa yunnanensis*; Prophecy; Oleaceae; Lilac; Harris Lilac Collection; Rarefind Nursery
IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-300A_FL.jpg Desc: Description: Size: 349609

URI: <http://hdl.handle.net/1813/1371> Visits: 150

AU: TI: 02-286*A *Iris pseudacorus* 'Variegata' KW: *Iris pseudacorus*; Variegata; Iridaceae; Variegated Yellow Flag; The Plantsmen Nursery; Urban Tree Collection
IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-286A_PL.jpg Desc: Description: Image of Plant Size: 522559

URI: <http://hdl.handle.net/1813/859> Visits: 230

AU: TI: 97-115*D *Malus* 'Pink Satin' KW: *Malus*; Pink Satin; Rosaceae; Flowering Crabapple; Simpson Orchard Company; Newman Meadow
IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/974> Visits: 125

AU: TI: 91-125*E *Weigela florida* 'Pink Princess' KW: *Weigela florida*; Pink Princess; Caprifoliaceae; Old Fashion Weigela; Bailey Nurseries; Harris Lilac Collection
IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 91-125E_FL.jpg Desc: Description: Image of Flower Size: 375599

URI: <http://hdl.handle.net/1813/998> Visits: 194

AU: TI: 00-643*A *Lonicera korolkowii* 'Floribunda Blue Velvet' PLANT SELECT WINNER KW: *Lonicera korolkowii*; Floribunda Blue Velvet; Plant Select Winner; Caprifoliaceae; Blue-Leaved Honeysuckle; Roslyn Nursery; Arboretum Nursery IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-643A_FL.jpg Desc: Description: Size: 240489

URI: <http://hdl.handle.net/1813/1352> Visits: 311

AU: TI: 84-350*A *Fagus sylvatica* 'Laciniata' KW: *Fagus sylvatica*; Laciniata; Fagaceae; Cut-Leaf European Beech; Europe; Mower, Robert G.; Beech Collection IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 84-350A_FO.jpg Desc: Description: Size: 391639

URI: <http://hdl.handle.net/1813/1388> Visits: 118

AU: TI: 99-353*A *Malus* 'Golden Raindrops' KW: *Malus*; Golden Raindrops; Rosaceae; Flowering Crabapple; Bailey Nurseries IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-353A_FL.jpg Desc: Description: Image of Flower Size: 380683

URI: <http://hdl.handle.net/1813/895> Visits: 444

AU: TI: 00-031*B *Malus* 'Lanzam' LANCELOT KW: *Malus*; Lanzam; Rosaceae; Lancelot; Flowering Crabapple; Harris Lilac Collection; Lake Country Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-031B_FL.jpg Desc: Description: Image of Flower Size: 244995

URI: <http://hdl.handle.net/1813/824> Visits: 1351

AU: TI: 02-407*A *Athyrium filix-femina* var. *angustum* 'Lady in Red' KW: *Athyrium filix-femina* var. *angustum*; Lady in Red; Polypodiaceae; Northern Lady Fern; Lath House; Plant Delights Nursery IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-407A_PL.jpg Desc: Description: Size: 577310

URI: <http://hdl.handle.net/1813/1376> Visits: 182

AU: TI: 97-205*A *Hemerocallis* 'Siloam Bye Lo' KW: *Hemerocallis*; Siloam Bye Lo; Liliaceae; DayLily; Sunny Border Ohio; Field House IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-205_FL.jpg Desc: Description: Size: 226782

URI: <http://hdl.handle.net/1813/1415> Visits: 153

AU: TI: 99-412*A *Hemerocallis* 'Jason Salter' KW: *Hemerocallis*; Jason Salter; Liliaceae; DayLily; Field House; Caprice Nursery IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-412A_FL.jpg Desc: Description: Size: 290734

URI: <http://hdl.handle.net/1813/1437> Visits: 732

AU: TI: 02-463*A *Helleborus foetidus* 'Red Silver' KW: *Helleborus foetidus*; Red Silver; Ranunculaceae; Stinking Hellebore; Greer Gardens IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 02-463A_PL.jpg Desc: Description: Image of Plant Size: 462153
URI: <http://hdl.handle.net/1813/684> Visits: 262

AU: TI: 02-357*A *Salix caprea* 'Variegata' KW: *Salix caprea*; Variegata; Lath House Nursery IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-357A_FO2.jpg Desc: Description: Size: 318545
URI: <http://hdl.handle.net/1813/1372> Visits: 160

AU: TI: 77-436*A *Juglans ailanthifolia* KW: *Juglans ailanthifolia*; Juglandaceae; Japanese Walnut; Japan; Howard Pidduck; Plantations Road IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 77-436A_IFL.jpg Desc: Description: Image of Flower Size: 415507
URI: <http://hdl.handle.net/1813/789> Visits: 164

AU: TI: 02-246*B *Spiraea densiflora* 'Monvis' SUMMER SONG KW: *Spiraea densiflora*; Monvis; Summer Song; Rosaceae; Spirea; Greer Gardens IssD: 2003-06-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-246B_FL.jpg Desc: Description: Size: 364503
URI: <http://hdl.handle.net/1813/1370> Visits: 146

AU: TI: 68-058*B *Magnolia* 'Ricki' KW: *Magnolia*; Ricki; Magnoliaceae; U.S. National Arboretum; Plantations Road IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 68-058B_FL.jpg Desc: Description: Image of Flower Size: 293252
URI: <http://hdl.handle.net/1813/900> Visits: 224

AU: TI: 02-361*E *Hypericum androsaemum* 'Albury Purple' KW: *Hypericum androsaemum*; Albury Purple; Lilac; Harris Lilac Collection IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-361E_FL.jpg Desc: Description: Size: 292413
URI: <http://hdl.handle.net/1813/1373> Visits: 208

AU: TI: 02-196*A *Sambucus ebulus* KW: *Sambucus ebulus*; Harris Liliac Collection IssD: 2003-07-30 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-196A_FL.jpg Desc: Description: Size: 319949
URI: <http://hdl.handle.net/1813/1367> Visits: 180

AU: TI: 02-451*A *Syringa xchinensis* 'Lilac Sunday' KW: *Syringa xchinensis*; Lilac Sunday; Oleaceae; Chinese Lilac; Fairweather Gardens Nursery; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-451A_FL.jpg Desc: Description: Image of Flower Size: 335328
URI: <http://hdl.handle.net/1813/832> Visits: 214

AU: TI: 84-186*A *Asimina triloba* 'Davis' KW: *Asimina triloba*; Davis; Annonaceae; Pawpaw; Tollgate Gardens; Lowlands Collection IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 84-186A_FL.jpg Desc: Description: Image of Flower Size: 283702
URI: <http://hdl.handle.net/1813/990> Visits: 148

AU: TI: 86-327*A *Fagus sylvatica* 'Purpurea Tricolor' KW: *Fagus sylvatica*; *Purpurea Tricolor*; Fagaceae; European Beech; Europe; Moses Nurseries; Beech Collection IssD: 2003-06-16 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 86-327A_FO.jpg Desc: Description: Size: 426387
URI: <http://hdl.handle.net/1813/1390> Visits: 209

AU: TI: 83-360*A *Aronia melanocarpa* KW: *Aronia melanocarpa*; Black Chokeberry; Rosaceae; Eastern United States; Bill Dilger; Lowlands Collection IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 83-360A_FL.jpg Desc: Description: Image of Flower Size: 276234
URI: <http://hdl.handle.net/1813/988> Visits: 133

AU: TI: 83-504*A *Halesia tetraptera* var. *monticola* KW: *Halesia tetraptera* var. *monticola*; Mountain Silverbell; Styracaceae; Georgia; Kentucky; Ohio; Tennessee; Mary Hirshfeld; Urban Tree Collection IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 83-504A_BK.jpg Desc: Description: Image of Plant Size: 558229
URI: <http://hdl.handle.net/1813/989> Visits: 128

AU: TI: 97-298*B *Malus* 'Royalty' KW: *Malus*; Royalty; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-298B_FL.jpg Desc: Description: Image of Flower Size: 377550
URI: <http://hdl.handle.net/1813/785> Visits: 175

AU: TI: 02-063*A *Kolkwitzia amabilis* 'Rosea' KW: *Kolkwitzia amabilis*; Rosea; Caprifoliaceae; Beauty Bush; Harris Liliac Collection; Arbor Village Farm IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-063A_FL.jpg Desc: Description: Size: 329993
URI: <http://hdl.handle.net/1813/1364> Visits: 203

AU: TI: 97-342*A *Epimedium grandiflorum* 'Crimson Beauty' KW: *Epimedium grandiflorum*; Crimson Beauty; Berberidaceae; Bishop's Cap; Heronswood Nursery IssD: 2003-05-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-342_FL.jpg Desc: Description: Image of Flower Size: 321314
URI: <http://hdl.handle.net/1813/695> Visits: 210

AU: TI: 00-043*A Malus xzumi var. calocarpa KW: Malus xzumi var. calocarpa; Rosaceae; Redbud Crabapple; Native Maple Collection; Bailey Nurseries IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-043A_FL.jpg Desc: Description: Image of Flower Size: 362942

URI: <http://hdl.handle.net/1813/852> Visits: 1167

AU: TI: 01-271*B Sambucus racemosa 'Sutherland Gold' KW: Sambucus racemosa; Sutherland Gold; Caprifoliaceae; Red-Berried Elder; Edgewood Nursery; Newman Overlook IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-271B_FO.jpg Desc: Description: Image of Flower Size: 362511

URI: <http://hdl.handle.net/1813/983> Visits: 414

AU: TI: 99-330*A Malus 'Golden Hornet' KW: Malus; Golden Hornet; Rosaceae; Flowering Crabapple; Northern Nursery; Test Garden IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-330A_FL.jpg Desc: Description: Image of Flower Size: 389439

URI: <http://hdl.handle.net/1813/894> Visits: 381

AU: TI: 00-268*A Malus 'Purple Prince' KW: Malus; Purple Prince; Rosaceae; Flowering Crabapple; Arbor Village Farms; Newman Overlook IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-268A_FL.jpg Desc: Description: Image of Flower Size: 460439

URI: <http://hdl.handle.net/1813/853> Visits: 891

AU: TI: 01-157*A Clematis xjackmanii KW: Clematis xjackmanii; Ranunculaceae; Busse Gardens IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-157A_FL.jpg Desc: Description: Image of Flower Size: 359415

URI: <http://hdl.handle.net/1813/1041> Visits: 406

AU: TI: 99-287*C Malus 'Amberina' KW: Malus; Amberina; Rosaceae; Flowering Crabapple; Johnson's Nursery; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-287C_FL.jpg Desc: Description: Image of Flower Size: 353290

URI: <http://hdl.handle.net/1813/909> Visits: 240

AU: TI: 97-292*C Malus 'Indian Summer' KW: Malus; Indian Summer; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-292C_FL.jpg Desc: Description: Image of Flower Size: 393533

URI: <http://hdl.handle.net/1813/783> Visits: 151

AU: TI: 87-279*B Malus toringo KW: Malus toringo; Rosaceae; Toringo Crabapple; Japan; Lake Country Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/774> Visits: 150

AU: TI: 90-085*B *Cercis canadensis* f. *alba* KW: *Cercis canadensis* f. *alba*; Fabaceae; White-flowered redbud; Eastern United States; Weston Nurseries; Plantations Road
IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 90-085A_PL.jpg Desc: Description: Image of Plant Size: 653079

URI: <http://hdl.handle.net/1813/817> Visits: 123

AU: TI: 88-109*Q *Malus* 'Bob White' KW: *Malus*; Bob White; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Newman Meadow
IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 88-109Q_FL.jpg Desc: Description: Image of Flower Size: 361744

URI: <http://hdl.handle.net/1813/815> Visits: 123

AU: TI: 02-028*C *Spiraea albiflora* KW: *Spiraea albiflora*; Rosaceae; Harris Liliac
Collection
IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-028C_FL.jpg Desc: Description: Size: 332697

URI: <http://hdl.handle.net/1813/1361> Visits: 208

AU: TI: 97-151*A *Penstemon* 'Prairie Dusk' KW: *Penstemon*; Prairie Dusk; Scrophulariaceae; Beard Tongue; Forest Farm; Field House
IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-151_FL.jpg Desc: Description: Size: 408900

URI: <http://hdl.handle.net/1813/1410> Visits: 135

AU: TI: 98-253*A *Picea glehnii* KW: *Picea glehnii*; Gymnosperm Slope
IssD: 2003-08-05
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-253A_FL.jpg Desc: Description: Size: 233120

URI: <http://hdl.handle.net/1813/1431> Visits: 167

AU: TI: 60-190*A *Syringa vulgaris* KW: *Syringa vulgaris*; Oleaceae; Common Lilac; South Eastern Europe; Strawberry Hill Nursery; Test Garden
IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 60-190A_FL.jpg Desc: Description: Image of Flower Size: 431716

URI: <http://hdl.handle.net/1813/811> Visits: 218

AU: TI: 97-484*E *Spiraea japonica* 'Alpina' KW: *Spiraea japonica*; Alpina; Rosaceae; Dwarf Japanese Spirea; Edgewood Nursery; Harris Lilac Collection
IssD: 2003-06-30
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-484E_FL.jpg Desc: Description: Image of Flower Size: 432836

URI: <http://hdl.handle.net/1813/1058> Visits: 236

AU: TI: 77-748*A Sorbus aucuparia KW: Sorbus aucuparia; Rosaceae; European Mountain Ash; Europe; Western Asia; Siberia; Test Garden IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 77-748A_FL1.jpg Desc: Description: Image of Flower Size: 343647

URI: <http://hdl.handle.net/1813/986> Visits: 155

AU: TI: 93-072*B Magnolia 'Ivory Chalice' KW: Magnolia; Ivory Chalice; Magnoliaceae; Eastern Plant Spec.; Test Garden IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 93-072B_FL.jpg Desc: Description: Image of Flower Size: 380318

URI: <http://hdl.handle.net/1813/728> Visits: 148

AU: TI: 99-137*A Alnus glutinosa KW: Alnus glutinosa; Betulaceae; Black Alder; Europe; Western Asia; North Africa; Urban Tree Collection; Schichtel's Nursery IssD: 2003-07-31 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-137A_FO.jpg Desc: Description: Size: 376400

URI: <http://hdl.handle.net/1813/1434> Visits: 243

AU: TI: 77-454*A Castanea mollissima KW: Castanea mollissima; Plantations Road IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 77-454A_FL.jpg Desc: Description: Size: 397186

URI: <http://hdl.handle.net/1813/1380> Visits: 153

AU: TI: 99-289*A Malus baccata '62-130' KW: Malus baccata; 62-130; Rosaceae; Flowering Crabapple; Johnson's Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/796> Visits: 277

AU: TI: 99-288*A Malus 'Makamik' KW: Malus; Makamik; Rosaceae; Flowering Crabapple; Johnson's Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-288A_FL.jpg Desc: Description: Image of Flower Size: 357243

URI: <http://hdl.handle.net/1813/786> Visits: 315

AU: TI: 99-296*B Malus 'Glen Mills' KW: Malus; Glen Mills; Rosaceae; Flowering Crabapple; Johnson's Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-296B_FL.jpg Desc: Description: Image of Flower Size: 386282

URI: <http://hdl.handle.net/1813/797> Visits: 315

AU: TI: 99-095*A Pulmonaria 'Raspberry Splash' KW: Pulmonaria; Raspberry Splash; Boraginaceae; Lungwort; Buss Gardens; Field House Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-095A_FL.jpg Desc: Description: Image of Flower Size: 353681

URI: <http://hdl.handle.net/1813/749> Visits: 273

AU: TI: 99-165*A Amelanchier laevis 'Snowcloud' KW: Amelanchier laevis; Snowcloud; Rosaceae; Serviceberry; Schmidt & Son Co.; Urban Tree Collection IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-165A_FR.jpg Desc: Description: Image of Flower Size: 342268

URI: <http://hdl.handle.net/1813/1065> Visits: 267

AU: TI: 99-140*A Pyrus calleryana [Aristocrat] = 'Aristocrat' KW: Pyrus calleryana; Pyrus calleryana Aristocrat; Rosaceae; Callery Pear; Schichtel's Nursery; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-140A_PL.jpg Desc: Description: Image of Plant Size: 532012

URI: <http://hdl.handle.net/1813/889> Visits: 250

AU: TI: 83-203*A Fagus sylvatica KW: Fagus sylvatica; Fagaceae; European Beech; Europe; Mower, Robert G.; Beech Collection IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 83-203A_FR.jpg Desc: Description: Size: 316199

URI: <http://hdl.handle.net/1813/1383> Visits: 109

AU: TI: 97-299*A Malus 'Spring Snow' KW: Malus; Spring Snow; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-299A_FL.jpg Desc: Description: Image of Flower Size: 294152

URI: <http://hdl.handle.net/1813/907> Visits: 169

AU: TI: 97-297*A Malus 'Robinson' KW: Malus; Robinson; Rosaceae; Flowering Crabapple; Schmidt Nursery; Native Maple Collection IssD: 2003-07-31 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-297C_FR.jpg Desc: Description: Size: 420282

URI: <http://hdl.handle.net/1813/1416> Visits: 143

AU: TI: 99-292*C Malus 'Tolsteme' KW: Malus; Tolsteme; Rosaceae; Flowering Crabapple; Johnson's Nursery; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-292C_FL.jpg Desc: Description: Image of Flower Size: 323841

URI: <http://hdl.handle.net/1813/910> Visits: 268

AU: TI: 99-031*A Prunus padus 'Colorata' KW: Prunus padus; Colorata; Rosaceae; European Bird Cherry; Arbor Village Farms; Test Garden IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 99-031A_FL.jpg Desc: Description: Image of Flower Size: 333684
URI: <http://hdl.handle.net/1813/888> Visits: 223

AU: TI: 96-078*A *Aesculus sylvatica* 'Autumn Splendor' KW: *Aesculus sylvatica*; Autumn Splendor; Hippocastanaceae; Painted Buckeye; Arbor Village Farms; Beech Collection IssD: 2005-04-13 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/866> Visits: 495

AU: TI: 87-237*A *Syringa xchinensis* KW: *Syringa xchinensis*; Oleaceae; Chinese Lilac; S. Persica; S. Vulgaris; Weston Nurseries; Harris Liliac Collection IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/836> Visits: 122

AU: TI: 97-359*A *Malus* 'Orange Crush' KW: *Malus*; Orange Crush; Rosaceae; Flowering Crabapple; Klehm Nursery; Plantations Road IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-359A_FL.jpg Desc: Description: Image of Flower Size: 337106
URI: <http://hdl.handle.net/1813/877> Visits: 144

AU: TI: 97-512*C *Potentilla fruticosa* 'McKay's White' KW: *Potentilla fruticosa*; McKay's White; Rosaceae; Shrubby Cinquefoil; Harris Lilac Collection; Edgewood Nursery IssD: 2003-06-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-512C_FL.jpg Desc: Description: Size: 367239
URI: <http://hdl.handle.net/1813/1424> Visits: 137

AU: TI: 97-112*B *Malus* 'Birdland' KW: *Malus*; Birdland; Rosaceae; Flowering Cherry; Johnson's Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/781> Visits: 133

AU: TI: 83-504*A *Halesia tetraptera* var. *monticola* KW: *Halesia tetraptera* var. *monticola*; Mountain Silverbell; Styracacea; Georgia; Kentucky; Tennessee; North Carolina; Ohio; Mary Hirshfeld; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 83-504A_FL.jpg Desc: Description: Image of Flower Size: 349642
URI: <http://hdl.handle.net/1813/863> Visits: 120

AU: TI: 96-266*A *Cornus mas* 'Flava' KW: *Cornus mas*; Flava; Palmer Dogwood Collection IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum

File: 96-266_PL.jpg Desc: Description: Image of Plant Size: 573901
URI: <http://hdl.handle.net/1813/1050> Visits: 116

AU: TI: 99-295*C Malus 'Zumarang' KW: Malus; Zumarang; Rosaceae; Flowering Crabapple; Johnson's Nursery; Lowlands Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 99-295C_FL.jpg Desc: Description: Image of Flower Size: 397451
URI: <http://hdl.handle.net/1813/892> Visits: 335

AU: TI: 88-232*D Aesculus pavia Gold Medal KW: Aesculus pavia; Gold Medal; Hippocastanaceae; Red Buckeye; Southern United States; N. Nikou; Class of 1923; Flowering Tree Collection IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 88-232D_FL.jpg Desc: Description: Image of Flower Size: 427872
URI: <http://hdl.handle.net/1813/1146> Visits: 109

AU: TI: 94-175*A Athyrium otophorum KW: Athyrium otophorum; Polypodiaceae; Lady Fern; China; Korea; Japan; Roslyn's Nursery; Lath House IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 94-175_PL.jpg Desc: Description: Size: 538297
URI: <http://hdl.handle.net/1813/1400> Visits: 105

AU: TI: 91-219*A Phellodendron amurense KW: Phellodendron amurense; Rutaceae; Amur Cork Tree; North China; Manchuria; Japan; Schichtel's Nursery; Beech Collection IssD: 2003-06-16 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 91-219A_FL.jpg Desc: Description: Size: 297576
URI: <http://hdl.handle.net/1813/1399> Visits: 112

AU: TI: 85-197*A Dicentra formosa 'Sweetheart' KW: Dicentra formosa; Sweetheart; Fumariaceae; West Bleeding Heart; Lamb Nursery; Lath House Nursery IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 85-197_FL.jpg Desc: Description: Image of Flower Size: 263414
URI: <http://hdl.handle.net/1813/1115> Visits: 116

AU: TI: 99-293*B Malus 'Tomiko' KW: Malus; Tomiko; Rosaceae; Flowering Crabapple; Johnson's Nursery; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 99-293B_FL.jpg Desc: Description: Image of Flower Size: 326922
URI: <http://hdl.handle.net/1813/891> Visits: 270

AU: TI: 68-062*A Magnolia 'Pinkie' KW: Magnolia; Pinkie; Magnoliaceae; US National Arboretum; Plantations Road IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 68-062A_FL.jpg Desc: Description: Image of Flower Size: 301095
URI: <http://hdl.handle.net/1813/901> Visits: 215

AU: TI: 99-300*B Malus 'Manbeck Weeper' ANNE E. KW: Malus; Manbeck Weeper; Rosaceae; Anne E.; Flowering Crabapple; Johnson's Nursery; Plantations Road IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-300B_FL.jpg Desc: Description: Image of Flower Size: 372292

URI: <http://hdl.handle.net/1813/893> Visits: 302

AU: TI: 83-204*A Malus 'Beverly' KW: Malus; Beverly; Rosaceae; Flowering Crabapple; Robert G.Mower; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 83-204A_FL.jpg Desc: Description: Image of Flower Size: 319746

URI: <http://hdl.handle.net/1813/862> Visits: 138

AU: TI: 03-401*A Primula xbulleesiana KW: Primula xbulleesiana; Rubinstern; Primulaceae; Primrose; Bluebird Nursery IssD: 2003-06-24 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 03-401A_FL.jpg Desc: Description: Size: 266425

URI: <http://hdl.handle.net/1813/1378> Visits: 168

AU: TI: 98-382*A Malus 'Donald Wyman' Gold Medal KW: Malus; Donald Wyman; Rosaceae; Gold Medal; Flowering Crabapple; Keenan Nurseries; Test Garden IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-382A_FL.jpg Desc: Description: Image of Flower Size: 324619

URI: <http://hdl.handle.net/1813/887> Visits: 162

AU: TI: 91-125*A Weigela florida 'Pink Princess' KW: Weigela florida; Pink Princess; Caprifoliaceae; Old Fashion Weigela; Bailey Nurseries; Harris Lilac Collection IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 91-125A_FL1.jpg Desc: Description: Image of Flower Size: 444235

URI: <http://hdl.handle.net/1813/1170> Visits: 276

AU: TI: 91-211*C Prunus 'Hally Jolivette' Gold Medal KW: Prunus; Hally Jolivette; Rosaceae; Flowering Cherry; Gold Medal; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 91-211C_FL.jpg Desc: Description: Image of Flower Size: 356659

URI: <http://hdl.handle.net/1813/779> Visits: 161

AU: TI: 02-066*A Malus 'Leprechaun' KW: Malus; Leprechaun; Rosaceae; Flowering Crabapple; Arbor Village Farms; Class of 1923; Flowering Tree Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-066A_FL.jpg Desc: Description: Image of Flower Size: 349093

URI: <http://hdl.handle.net/1813/809> Visits: 263

AU: TI: 96-092*A *Crataegus ambigua* KW: *Crataegus ambigua*; Rosaceae; Russian Hawthorn; South Eastern Russia; Bailey Nurseries; Lowlands Collection IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-092A_FL.jpg Desc: Description: Image of Flower Size: 411497

URI: <http://hdl.handle.net/1813/1152> Visits: 126

AU: TI: 99-431*B *Cotoneaster racemiflorus* var. *songoricus* KW: *Cotoneaster racemiflorus* var. *songoricus*; Rosaceae; North East China; Harris Lilac Collection IssD: 2003-06-04 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-431B-FL.jpg Desc: Description: Image of Flower Size: 428512

URI: <http://hdl.handle.net/1813/1190> Visits: 415

AU: TI: 01-372*A *Symphoricarpos xdoorenbosii* 'White Hedge' KW: *Symphoricarpos xdoorenbosii*; White Hedge; Caprifoliaceae; Snowberry; Harris Liliac Collection; Fairweather Gardens IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-372A_FL.jpg Desc: Description: Size: 268434

URI: <http://hdl.handle.net/1813/1360> Visits: 405

AU: TI: 01-272*C *Hypericum frondosum* 'Sunburst' KW: *Hypericum frondosum*; Sunburst; Culsiaceae; Golden St. Johnswort; Newman Overlook; Edgewood Nursery IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-272C_FL.jpg Desc: Description: Size: 306277

URI: <http://hdl.handle.net/1813/1358> Visits: 420

AU: TI: 03-484*A *Monarda didyma* 'Jacob Cline' KW: *Monarda didyma*; Jacob Cline; Lamiaceae; Bee Balm; Horticulture Center; Veronica's Garden IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 03-484A_FL.jpg Desc: Description: Size: 252300

URI: <http://hdl.handle.net/1813/1379> Visits: 193

AU: TI: 82-423*B *Cladrastis kentukea* KW: *Cladrastis kentukea*; Fabaceae; American Yellowwood; Southern United States; Pfeifer, Edmund; Sculpture Garden IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 82-423B_BR.jpg Desc: Description: Size: 587603

URI: <http://hdl.handle.net/1813/1382> Visits: 118

AU: TI: 02-473*A *Sorbus rufo-ferruginea* 'Longwood Sunset' KW: *Sorbus rufo-ferruginea*; Longwood Sunset; Rosaceae; Mountain Ash; Lake Country Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-473A_FL.jpg Desc: Description: Image of Flower Size: 487862

URI: <http://hdl.handle.net/1813/1138> Visits: 150

AU: TI: 00-109*A Malus 'Chrishozam' CHRISTMAS HOLLY KW: Malus; Chrishozam; Rosaceae; Flowering Crabapple; Arbor Village; Class of 1923; Flowering Tree Collection; Christmas Holly IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-109A_FL.jpg Desc: Description: Image of Flower Size: 385355

URI: <http://hdl.handle.net/1813/787> Visits: 1442

AU: TI: 01-041*A Viburnum dilatatum 'Asian Beauty' KW: Viburnum dilatatum; Asian Beauty; Caprifoliaceae; Linden Viburnum; Arbor Village Farm; Lath House Nursery IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-041A_FL.jpg Desc: Description: Size: 405852

URI: <http://hdl.handle.net/1813/1354> Visits: 300

AU: TI: 03-205*B Weigela florida 'Pink Poppet' KW: Weigela florida; Pink Poppet; Caprifoliaceae; Old Fashion Weigela; Fairweather Gardens Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 03-205B_FL.jpg Desc: Description: Image of Flower Size: 292844

URI: <http://hdl.handle.net/1813/752> Visits: 273

AU: TI: 02-019*A Berberis 'Tara' EMERALD CAROUSEL KW: Berberis; Tara; Berberidaceae; Emerald Carousel; Barberry; Harris Lilac Collection IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-019_FL.jpg Desc: Description: Image of Flower Size: 395914

URI: <http://hdl.handle.net/1813/959> Visits: 283

AU: TI: 02-131*A Pyrus calleryana 'Valzam' VALIANT KW: Pyrus calleryana; Valzam; Rosaceae; Valiant; Callery Pear; Lake Country Nursery; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-131A_FL.jpg Desc: Description: Image of Flower Size: 257167

URI: <http://hdl.handle.net/1813/858> Visits: 231

AU: TI: 00-108*A Malus 'Amaszam' AMERICAN MASTERPIECE KW: Malus; Amaszam; Rosaceae; American Masterpiece; Flowering Crabapple; Arbor Village Farm; Newman Overlook IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-108A_FL.jpg Desc: Description: Image of Flower Size: 360873

URI: <http://hdl.handle.net/1813/898> Visits: 1403

AU: TI: 95-009*A Syringa reticulata ssp. pekinensis KW: Syringa reticulata ssp. pekinensis; Oleaceae; Pekin Lilac; Japan; Forest Farm Nursery; Urban Tree Collection IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 95-009A_FL.jpg Desc: Description: Image of Flower Size: 347348

URI: <http://hdl.handle.net/1813/1048> Visits: 123

AU: TI: 98-185*B Malus 'Molazam' MOLTEN LAVA KW: Malus; Molazam; Molten Lava; Rosaceae; Flowering Crabapple; Plantations Road; Simpson Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-185B_FL.jpg Desc: Description: Image of Flower Size: 340976

URI: <http://hdl.handle.net/1813/794> Visits: 164

AU: TI: 91-196*A Magnolia Kobus Var. Stellata 'Royal Star' KW: Magnolia Kobus var. stellata; Royal Star; Magnoliaceae; Royal Star Magnolia; Lake Country Nursery IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/726> Visits: 220

AU: TI: 95-220*A Hemerocallis 'Sunday Gloves' KW: Hemerocallis; Sunday Gloves; Liliaceae; DayLily IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 95-220_FL.jpg Desc: Description: Size: 264176

URI: <http://hdl.handle.net/1813/1402> Visits: 135

AU: TI: 89-184*A Euphorbia griffithii 'Fireglow' KW: Euphorbia griffithii; Fireglow; Euphorbiaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 89-184_FL.jpg Desc: Description: Size: 378055

URI: <http://hdl.handle.net/1813/1397> Visits: 151

AU: TI: 98-187*B Malus 'Ralph Shay' KW: Malus; Ralph Shay; Rosaceae; Flowering Crabapple; Simpson Orchard Company; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-187B_FL.jpg Desc: Description: Image of Flower Size: 332115

URI: <http://hdl.handle.net/1813/883> Visits: 161

AU: TI: 96-105*A Adiantum pedatum 'Miss Sharples' KW: Adiantum pedatum; Miss Sharples; Polypodiaceae; American Maidenhair Fern; Sunny Border Ohio; Lath House IssD: 2003-07-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-105A_PL.jpg Desc: Description: Size: 625113

URI: <http://hdl.handle.net/1813/1404> Visits: 115

AU: TI: 97-300*B Malus 'Sutyzam' SUGAR TYME KW: Malus; Sutyzam; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Plantations Road; SUGAR TYME IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-300B_FL.jpg Desc: Description: Image of Flower Size: 371435

URI: <http://hdl.handle.net/1813/792> Visits: 176

AU: TI: 97-291*B Malus 'Doubloons' KW: Malus; Doubloons; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-291B_FL.jpg Desc: Description: Image of Flower Size: 298299

URI: <http://hdl.handle.net/1813/905> Visits: 149

AU: TI: 97-166*A Robinia pseudoacacia 'Unifolia' KW: Robinia pseudoacacia; Unifolia; Leguminosae; Black Locust; Forest Farm Nursery; Palmer Dogwood Collection IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-166_FL.jpg Desc: Description: Size: 239193

URI: <http://hdl.handle.net/1813/1413> Visits: 125

AU: TI: 88-135*C Crataegus crus-galli KW: Crataegus crus-galli; Rosaceae; Cockspur Hawthorn; Eastern North America; Lake Country Nursery; Beech Collection IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 88-135C_BR.jpg Desc: Description: Size: 633142

URI: <http://hdl.handle.net/1813/1394> Visits: 107

AU: TI: 97-115*A Malus 'Pink Satin' KW: Malus; Pink Satin; Rosaceae; Flowering Crabapple; Simpson Orchard Company; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-115A_FL.jpg Desc: Description: Image of Flower Size: 381322

URI: <http://hdl.handle.net/1813/871> Visits: 132

AU: TI: 84-138*B Sorbus alnifolia KW: Sorbus alnifolia; Korean Mountain Ash; Rosaceae; Central China; Korea; Japan; Princeton Nurseries; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 84-138B_FL.jpg Desc: Description: Image of Flower Size: 333022

URI: <http://hdl.handle.net/1813/864> Visits: 135

AU: TI: 00-269*A Malus 'Mazam' MADONNA KW: Malus; Mazam; Rosaceae; Flowering Crabapple; Arbor Village Farms; Madonna IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-269A_FL.jpg Desc: Description: Image of Flower Size: 265175

URI: <http://hdl.handle.net/1813/854> Visits: 755

AU: TI: 96-373*A Viburnum xrrhytidophylloides 'Dart's Duke' KW: Viburnum xrrhytidophylloides; Dart's Duke; Caprifoliaceae; Forest Farm Nursery; Test Garden IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-373_FL.jpg Desc: Description: Image of Flower Size: 361011

URI: <http://hdl.handle.net/1813/868> Visits: 119

AU: TI: 93-078*E *Prunus incisa* KW: *Prunus incisa*; Rosaceae; Flowering Cherry; Japan; CP Allen Trail; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 93-078E_FL.jpg Desc: Description: Image of Flower Size: 444959
URI: <http://hdl.handle.net/1813/780> Visits: 123

AU: TI: 97-112*A *Malus* 'Birdland' KW: *Malus*; Birdland; Rosaceae; Flowering Crabapple; Johnson's Nursery; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-112A_FL.jpg Desc: Description: Image of Flower Size: 359608
URI: <http://hdl.handle.net/1813/870> Visits: 130

AU: TI: 60-186*A *Syringa vulgaris* 'Alba' KW: *Syringa vulgaris*; Alba; Oleaceae; Common Lilac; Strawberry Hill Nursery; Test Garden IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 60-186A_FL.jpg Desc: Description: Image of Flower Size: 378092
URI: <http://hdl.handle.net/1813/810> Visits: 216

AU: TI: 94-038*A *Aesculus xwoerlitzensis* KW: *Aesculus xwoerlitzensis*; Horse Chestnut; Hippocastanaceae; Forest Farm Nursery; Beech Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 94-038A_FL.jpg Desc: Description: Image of Flower Size: 341964
URI: <http://hdl.handle.net/1813/865> Visits: 130

AU: TI: 96-348*A *Aesculus glabra* 'Fall Red' KW: *Aesculus glabra*; Fall Red; Hippocastanaceae; Ohio Buckeye; Forest Farm Nursery; Beech Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 96-348A_FL.jpg Desc: Description: Image of Flower Size: 301855
URI: <http://hdl.handle.net/1813/867> Visits: 122

AU: TI: 96-598*A *Aesculus xbushii* KW: *Aesculus xbushii*; A. *Glabra*; Hippocastanaceae; A. *Pavia*; Windrose Nurseries; Beech Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 96-598A_FL.jpg Desc: Description: Image of Flower Size: 348670
URI: <http://hdl.handle.net/1813/869> Visits: 116

AU: TI: 96-158 *Aronia melanocarpa* 'Viking' KW: *Aronia melanocarpa*; Viking; Rosaceae; Black Chokeberry; Gossler Nursery; Tennessee; Newfoundland; Test Garden IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 96-158_FL.jpg Desc: Description: Image of Flower Size: 361429
URI: <http://hdl.handle.net/1813/821> Visits: 155

AU: TI: 98-200*B *Malus* 'Cardinal' KW: *Malus*; Cardinal; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 98-200B_FL.jpg Desc: Description: Image of Flower Size: 340165
URI: <http://hdl.handle.net/1813/886> Visits: 193

AU: TI: 99-331*A Malus 'Prairifire' KW: Malus; Prairifire; Rosaceae; Flowering Crabapple; Northern Nursery; Native Maple Collection IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 99-331A_FL.jpg Desc: Description: Image of Flower Size: 324451
URI: <http://hdl.handle.net/1813/1005> Visits: 473

AU: TI: 97-089*D Spiraea japonica 'Norman' KW: Spiraea japonica; Norman; Rosaceae; Spirea; Arbor Village Farms; Harris Lilac Collection IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-089D_FL.jpg Desc: Description: Image of Flower Size: 420431
URI: <http://hdl.handle.net/1813/1051> Visits: 123

AU: TI: 96-093*A Sorbus xhybrida KW: Sorbus xhybrida; Mountain Ash; Rosaceae; North Western Europe; Bailey Nurseries; Lowlands Collection IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/999> Visits: 148

AU: TI: 97-429*A Magnolia 'Yellow Lantern' KW: Magnolia; Yellow Lantern; Magnoliaceae; Klehm Nursery; Jackson Grove IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-429A_FL.jpg Desc: Description: Image of Flower Size: 440103
URI: <http://hdl.handle.net/1813/976> Visits: 222

AU: TI: 85-364*C Cornus florida KW: Cornus florida; Cornaceae; Flowering Dogwood; Eastern United States; Ontario; Texas; Mexico; John Ewanicki; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 85-364C_FL.jpg Desc: Description: Image of Flower Size: 261726
URI: <http://hdl.handle.net/1813/902> Visits: 132

AU: TI: 85-364*A Cornus florida KW: Cornus florida; Flowering Dogwood; Cornaceae; North America; Mexico; John Ewanicki; Palmer Dogwood Collection IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 85-364A_PL.jpg Desc: Description: Image of Plant Size: 577784
URI: <http://hdl.handle.net/1813/992> Visits: 150

AU: TI: 99-288*A Malus 'Makamik' KW: Malus; Makamik; Rosaceae; Flowering Crab Apple; Class of 1923; Flowering Tree Collection; Johnson's Nursery IssD: 2003-07-31 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 99-288A_FR.jpg Desc: Description: Size: 347402
URI: <http://hdl.handle.net/1813/1435> Visits: 934

AU: TI: 01-254*A Physocarpus opulifolius 'Monlo' DIABLO KW: Physocarpus opulifolius; Monlo; Rosaceae; Diablo; Lowlands Collection; Plantasia Nursery IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-254C_FL.jpg Desc: Description: Size: 281924

URI: <http://hdl.handle.net/1813/1357> Visits: 437

AU: TI: 87-038*D Malus 'Candied Apple' KW: Malus; Candied Apple; Weepcanzam; Weeping; Rosaceae; Flowering Crabapple; Bailey; Class of 1923 IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 87-038D_PL.jpg Desc: Description: Image of Plant Size: 665942

URI: <http://hdl.handle.net/1813/770> Visits: 155

AU: TI: 87-356*C Magnolia kobus var. stellata 'Waterlily' KW: Magnolia kobus var. stellata; Waterlily; Magnoliaceae; Star Magnolia; Jackson Grove; Gossler Farms Nurseries IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/724> Visits: 151

AU: TI: 90-083*A Malus hupehensis KW: Malus hupehensis; Rosaceae; Tea Crabapple; China; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection; Assam IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 90-083A_FL.jpg Desc: Description: Image of Flower Size: 329302

URI: <http://hdl.handle.net/1813/775> Visits: 127

AU: TI: 68-059*A Magnolia 'Betty' KW: Magnolia; Betty; Magnoliaceae; US National Arboretum; Plantations Road IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 68-059A_FL.jpg Desc: Description: Image of Flower Size: 288451

URI: <http://hdl.handle.net/1813/715> Visits: 321

AU: TI: 97-290*A Malus 'Centzam' CENTURION KW: Malus; Centzam; CENTURION; Rosaceae; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection; Flowering Crabapple IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-290A_FL.jpg Desc: Description: Image of Flower Size: 397845

URI: <http://hdl.handle.net/1813/782> Visits: 158

AU: TI: 91-190*D Malus 'Parrsi' PINK PRINCESS KW: Malus; Parrsi; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection; Pink Princess IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 91-190D_FL.jpg Desc: Description: Image of Flower Size: 340788

URI: <http://hdl.handle.net/1813/778> Visits: 162

AU: TI: 91-189*B Malus 'David' KW: Malus; David; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 91-189B_FL.jpg Desc: Description: Image of Flower Size: 379515

URI: <http://hdl.handle.net/1813/777> Visits: 148

AU: TI: 88-207*A Paeonia 'Nova' KW: Paeonia; Nova; Paeoniaceae; Peony; Caprice Farm Nursery; Field House Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 88-207A_FL.jpg Desc: Description: Image of Flower Size: 327069

URI: <http://hdl.handle.net/1813/744> Visits: 144

AU: TI: 87-418*A Viburnum xjuddii KW: Viburnum xjuddii; Caprifoliaceae; Judd Viburnum; Edgewood Nursery; Harris Lilac Collection IssD: 2003-05-09 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 87-418A_FL.jpg Desc: Description: Image of Flower Size: 291258

URI: <http://hdl.handle.net/1813/725> Visits: 146

AU: TI: 90-150*A Prunus maackii KW: Prunus maackii; Rosaceae; Amur Chokecherry; Eastern Asia; Bailey Nurseries; Plantations Road IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/791> Visits: 151

AU: TI: 97-297*C Malus 'Robinson' KW: Malus; Robinson; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-297C_FL.jpg Desc: Description: Image of Flower Size: 436277

URI: <http://hdl.handle.net/1813/784> Visits: 138

AU: TI: 88-123*I Betula papyrifera KW: Betula papyrifera; White Birch; Betulaceae; Northern North America; Schichtel's Nursery; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 88-123I_BK.jpg Desc: Description: Image of bark of tree Size: 306760

URI: <http://hdl.handle.net/1813/903> Visits: 135

AU: TI: 97-545*A Spiraea japonica 'Magic Carpet' KW: Spiraea japonica; Magic Carpet; Rosaceae; Harris Lilac Collection IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-545_FL.jpg Desc: Description: Image of Flower Size: 515712

URI: <http://hdl.handle.net/1813/1059> Visits: 167

AU: TI: 87-032*A Prunus serotina KW: Prunus serotina; Rosaceae; Black Cherry; Ontario; North Dakota; Texas; Florida; Lowlands Collection IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 87-032_FL.jpg Desc: Description: Image of Flower Size: 557024
URI: <http://hdl.handle.net/1813/1145> Visits: 107

AU: TI: 87-259*A Spiraea trilobata 'Swan Lake' KW: Spiraea trilobata; Swan Lake; Rosaceae; Three-Lobe Spirea; Wayside Gardens; Harris Lilac Collection IssD: 2003-06-03
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 87-259A_FL.jpg Desc: Description: Image of Flower Size: 499780

URI: <http://hdl.handle.net/1813/1164> Visits: 121

AU: TI: 97-470*F Spiraea 'Goldmound' KW: Spiraea; Goldmound; Rosaceae; Spirea; Forest Farm Nursery; Harris Lilac Collection IssD: 2003-06-30
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-470F_FL.jpg Desc: Description: Image of Flower Size: 434041

URI: <http://hdl.handle.net/1813/1057> Visits: 183

AU: TI: 00-500*A Malus 'Adams' KW: Malus; Adams; Rosaceae; Flowering Crabapple; Edgewood Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-15
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-500A_FL.jpg Desc: Description: Image of Flower Size: 358647

URI: <http://hdl.handle.net/1813/788> Visits: 508

AU: TI: 01-265*C Rhododendron 'White Lights' KW: Rhododendron; White Lights; Ericaceae; Azalea; Carlson's Gardens; Lath House Nursery IssD: 2003-05-20
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-265C_FL.jpg Desc: Description: Image of Flower Size: 315453

URI: <http://hdl.handle.net/1813/914> Visits: 452

AU: TI: 96-096*A Physocarpus opulifolius 'Snowfall' KW: Physocarpus opulifolius; Snowfall; Rosaceae; Ninebark; Bailey Nurseries; Mitchell Barn Area IssD: 2003-06-30
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-096_FR.jpg Desc: Description: Image of Flower Size: 431010

URI: <http://hdl.handle.net/1813/1049> Visits: 131

AU: TI: 97-346*A Lysimachia punctata 'Alexander's' KW: Lysimachia punctata; Alexander's; Primulaceae; Variegated Circle Flower; Heronswood Nursery; Lath House Nursery IssD: 2003-06-30
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-346A_FL.jpg Desc: Description: Image of Flower Size: 408296

URI: <http://hdl.handle.net/1813/1053> Visits: 169

AU: TI: 97-295*A Malus 'Red Barron' KW: Malus; Red Barron; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Harris Lilac Collection IssD: 2003-05-17
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-295A_FL.jpg Desc: Description: Image of Flower Size: 323326

URI: <http://hdl.handle.net/1813/845> Visits: 158

AU: TI: 76-858*B *Viburnum sieboldii* KW: *Viburnum sieboldii*; Caprifoliaceae; Siebold *Viburnum*; Japan; Egolf Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 76-858B_FL.jpg Desc: Description: Image of Flower Size: 473929

URI: <http://hdl.handle.net/1813/1140> Visits: 124

AU: TI: 86-383*A *Viburnum plicatum* f. *tomentosum* 'Shasta' Gold Medal KW: *Viburnum plicatum* f. *tomentosum*; Shasta; Caprifoliaceae; Gold Medal; Doublefile *Viburnum*; Weston Nurseries; Harris Liliac Collection IssD: 2003-06-04 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 86-383A_FL.jpg Desc: Description: Image of Flower Size: 434561

URI: <http://hdl.handle.net/1813/1186> Visits: 175

AU: TI: 96-409 *Prunus Japonica* KW: *Prunus Japonica*; Japanese Almond Tree; Rosaceae; China; Korea IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-409_FL.jpg Desc: Description: Image of Flower Size: 392101

URI: <http://hdl.handle.net/1813/873> Visits: 162

AU: TI: 95-028*H *Acer truncatum* KW: *Acer truncatum*; Aceraceae; Shantung Maple; Eastern Asia; Bailey Nurseries; Plantations Road IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 95-028H_FL.jpg Desc: Description: Image of Flower Size: 343616

URI: <http://hdl.handle.net/1813/819> Visits: 159

AU: TI: 85-434*A *Syringa vulgaris* 'Dwight Eisenhower' KW: *Syringa vulgaris*; Dwight Eisenhower; Oleaceae; Common Lilac; Robert B. Clark; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 85-434A_FL.jpg Desc: Description: Image of Flower Size: 405262

URI: <http://hdl.handle.net/1813/834> Visits: 132

AU: TI: 87-332*A *Magnolia* 'Elizabeth' Gold Medal KW: *Magnolia*; Elizabeth; Magnoliaceae; Gold Medal; Eastern Plant Species; Jackson Grove IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 87-332A_PL.jpg Desc: Description: Image of Plant Size: 645927

URI: <http://hdl.handle.net/1813/837> Visits: 156

AU: TI: 98-185*A *Malus* 'Molazam' MOLTEN LAVA KW: *Malus*; Molazam; Rosaceae; Molten Lava; Flowering Crabapple; Newman Overlook; Simpson Nursery IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-185A_FL.jpg Desc: Description: Image of Flower Size: 297446

URI: <http://hdl.handle.net/1813/881> Visits: 169

AU: TI: 98-186*C Malus 'Prairie Maid' KW: Malus; Prairie Maid; Rosaceae; Flowering Crabapple; Simpson Orchard Company; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-186C_PL.jpg Desc: Description: Image of Plant Size: 597794

URI: <http://hdl.handle.net/1813/882> Visits: 161

AU: TI: 01-459*A Quercus palustris KW: Quercus palustris; Fagaceae; Pin Oak; Eastern United States; Central United States; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-459A_FL.jpg Desc: Description: Image of Flower Size: 433774

URI: <http://hdl.handle.net/1813/856> Visits: 271

AU: TI: 78-009*A Magnolia xloebneri 'Ballerina' KW: Magnolia xloebneri; Ballerina; Magnoliaceae; Magnolia; Gossler Farms Nursery; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 78-009A_FL.jpg Desc: Description: Image of Flower Size: 275605

URI: <http://hdl.handle.net/1813/860> Visits: 142

AU: TI: 98-034*B Malus 'Gibb's Golden Gage' KW: Malus; Malus Gibb's Golden Gage; Rosaceae; Crabapple; Arbor Village Farms; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-034B_FL.jpg Desc: Description: Image of Flower Size: 288683

URI: <http://hdl.handle.net/1813/878> Visits: 147

AU: TI: 82-263*A Malus 'Red Jade' KW: Malus; Red Jade; Rosaceae; Flowering Crabapple; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 82-263A_FL.jpg Desc: Description: Image of Flower Size: 301367

URI: <http://hdl.handle.net/1813/861> Visits: 161

AU: TI: 97-290*C Malus 'Centzam' CENTURION KW: Malus; Centzam; Rosaceae; Centurion; Schmidt & Son Co.; Flowering Crabapple; Harris Liliac Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-290C_FL.jpg Desc: Description: Image of Flower Size: 323145

URI: <http://hdl.handle.net/1813/843> Visits: 172

AU: TI: 02-127*A Pyrus calleryana 'Gladzam' GLADIATOR KW: Pyrus calleryana; Gladzam; Rosaceae; Gladiator; Callery Pear; Lake Country Nursery; Urban Tree Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-127A_FL.jpg Desc: Description: Image of Flower Size: 260528

URI: <http://hdl.handle.net/1813/857> Visits: 190

AU: TI: 01-263*B Rhododendron 'Rosy Lights' KW: Rhododendron; Rosy Lights; Ericaceae; Azalea; Carlson's Gardens; Lath House Nursery IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-263B_FL.jpg Desc: Description: Image of Flower Size: 366692

URI: <http://hdl.handle.net/1813/913> Visits: 342

AU: TI: 96-275*A Cornus glabrata KW: Cornus glabrata; Palmer Dogwood Collection IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-275_FL.jpg Desc: Description: Size: 290240

URI: <http://hdl.handle.net/1813/1408> Visits: 107

AU: TI: 84-224*A Robinia pseudoacacia 'Frisia' KW: Robinia pseudoacacia; Frisia; Fabaceae; Black Locust; Hillier Nurseries; Urban Tree Collection IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 84-224A_FL.jpg Desc: Description: Size: 332965

URI: <http://hdl.handle.net/1813/1386> Visits: 168

AU: TI: 97-599*B Syringa Xswegiflexa KW: Syringa Xswegiflexa; Abies firma; Oleaceae; Lilac; Gymnosperm Slope; Windrose Nursery IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-599B_FL.jpg Desc: Description: Size: 433871

URI: <http://hdl.handle.net/1813/1427> Visits: 137

AU: TI: 97-468*A Spiraea 'Snow White' KW: Spiraea; Snow White; Rosaceae; Forest Farm Nursery; Harris Lilac Collection IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-468_FL.jpg Desc: Description: Size: 403608

URI: <http://hdl.handle.net/1813/1418> Visits: 146

AU: TI: 97-471*E Spiraea xbumalda 'Crispa' KW: Spiraea xbumalda; Crispa; Rosaceae; Harris Lilac Collection IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-471E_FL.jpg Desc: Description: Size: 392875

URI: <http://hdl.handle.net/1813/1419> Visits: 155

AU: TI: 89-079*A Ostrya virginiana KW: Ostrya virginiana; Adam's Grove; Betulaceae; American Hop Hornbeam IssD: 2003-07-31 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 89-079_FL.jpg Desc: Description: Size: 285061

URI: <http://hdl.handle.net/1813/1396> Visits: 137

AU: TI: 88-128*A Pinus strobus KW: Pinus strobus; Pinaceae; Eastern White Pine; Eastern North America; Newman Overlook IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 88-128_FL.jpg Desc: Description: Size: 387605

URI: <http://hdl.handle.net/1813/1393> Visits: 115

AU: TI: 02-224*A Hosta 'June' KW: Hosta; June; Liliaceae; Plantain Lily; Lath House Nursery; Bridgewood IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-224A_PL.jpg Desc: Description: Size: 460752
URI: <http://hdl.handle.net/1813/1369> Visits: 150

AU: TI: 02-122*A Crataegus punctata 'Ohio Pioneer' KW: Crataegus punctata; Ohio Pioneer; Rosaceae; Dotted Hawthorne; Beech Collection; Lake Country Nursery IssD: 2003-06-16 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-122C_FL.jpg Desc: Description: Size: 321862
URI: <http://hdl.handle.net/1813/1366> Visits: 166

AU: TI: 00-029*B Malus 'Donald Wyman' KW: Malus; Donald Wyman; Rosaceae; Flowering Crab Apple; Lake Country Nursery IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 00-029B_FL.jpg Desc: Description: Image of Flower Size: 382883
URI: <http://hdl.handle.net/1813/734> Visits: 1671

AU: TI: 98-204*B Pyrus fauriei 'Westwood' KOREAN SUN KW: Pyrus fauriei; Westwood; Rosaceae; Korean Sun; Schmidt & Son Co.; Test Garden IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 98-204B_FL.jpg Desc: Description: Image of Flower Size: 310481
URI: <http://hdl.handle.net/1813/908> Visits: 162

AU: TI: 01-116*A Ligularia japonica KW: Ligularia japonica; Golden Ray; Asteraceae; Japan; Korea; Taiwan; China; Shady Oaks Nursery; Lath House Nursery IssD: 2003-08-05 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 01-116A_FL.jpg Desc: Description: Size: 232765
URI: <http://hdl.handle.net/1813/1356> Visits: 385

AU: TI: 88-137*A Crataegus viridis 'Winter King' Gold Medal KW: Crataegus viridis; Winter King; Gold Medal; Rosaceae; Winter King Hawthorn; Lake Country Nursery; Urban Tree Collection IssD: 2003-06-16 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 88-137A_FL.jpg Desc: Description: Size: 237918
URI: <http://hdl.handle.net/1813/1395> Visits: 120

AU: TI: 97-289*B Malus 'Adirondack' GOLD MEDAL KW: Malus; Adirondack; Rosaceae; Gold Medal; Schmidt & Son Co.; Flowering Crabapple; Harris Liliac Collection IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-289B_FL.jpg Desc: Description: Image of Flower Size: 387457
URI: <http://hdl.handle.net/1813/842> Visits: 175

AU: TI: 96-140*A Koelreuteria paniculata Low Growing Form KW: Koelreuteria paniculata; Low Growing Form; Sapinaceae; Test Gardens; Woodlanders IssD: 2003-07-31 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-140_FL.jpg Desc: Description: Size: 323909

URI: <http://hdl.handle.net/1813/1405> Visits: 149

AU: TI: Hemerocallis 'Prairie Moonlight' KW: Hemerocallis; Prairie Moonlight; Liliaceae; DayLily; Harris Lilac Collection; Sunny Border Ohio IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-508A_FL.jpg Desc: Description: Size: 344355

URI: <http://hdl.handle.net/1813/1423> Visits: 619

AU: TI: 02-048*A Solidago 'Goldkind' KW: Solidago; Goldkind; Asteraceae; Golden Baby Goldenrod; Field House Nursery; Plant Delights Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-048A_FL.jpg Desc: Description: Size: 523062

URI: <http://hdl.handle.net/1813/1363> Visits: 225

AU: TI: 98-184*A Malus sargentii 'Candymint' KW: Malus sargentii; Candymint; Sargent; Rosaceae; Flowering Crabapple; Simpson Nursery; Plantations Road IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 98-184A_FL.jpg Desc: Description: Image of Flower Size: 439716

URI: <http://hdl.handle.net/1813/793> Visits: 188

AU: TI: 97-110*C Sorbus intermedia KW: Sorbus intermedia; Swedish Winterbeam; Rosaceae; Scandinavia; Schichtel's Nursery; Lowlands Collection IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-110C_FL.jpg Desc: Description: Image of Flower Size: 313588

URI: <http://hdl.handle.net/1813/1001> Visits: 172

AU: TI: 87-107*A Magnolia tripetala KW: Magnolia tripetala; Magnoliaceae; Umbrella Tree; Eastern North America; Louisiana Nursery; Jackson Grove IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/967> Visits: 130

AU: TI: 91-174*A Geranium maculatum 'Hazel Gallagher' KW: Geranium maculatum; Hazel Gallagher; Geraniaceae; Lath House Nursery IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 91-174_FL.jpg Desc: Description: Image of Flower Size: 227793

URI: <http://hdl.handle.net/1813/1121> Visits: 114

AU: TI: 95-121*A Dodecatheon meadia 'Album' KW: Dodecatheon meadia; Album; Field House Rock Garden IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 95-121_FL.jpg Desc: Description: Image of Flower Size: 266631
URI: <http://hdl.handle.net/1813/971> Visits: 141

AU: TI: 95-095*A Fagus sylvatica 'Purple Fountain' KW: Fagus sylvatica; Purple Fountain; Fagaceae; European Beech; Edgewood Nursery; Sculpture Garden IssD: 2003-06-24 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 95-095A_FO.jpg Desc: Description: Size: 392867
URI: <http://hdl.handle.net/1813/1401> Visits: 151

AU: TI: 95-038*A Cypripedium calceolus var. pubescens KW: Cypripedium calceolus var. pubescens; Orchidaceae; Large Ladies Slipper; Eastern North America; Eastern Plant Species; Lath House Nursery IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 95-038_FL.jpg Desc: Description: Image of Flower Size: 280347
URI: <http://hdl.handle.net/1813/1123> Visits: 111

AU: TI: 65-126*A Magnolia xsoulangiana KW: Magnolia xsoulangiana; Magnoliaceae; Saucer Magolia; Bosley Nurseries; Plantations Road IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 65-126A_FL.jpg Desc: Description: Image of Flower Size: 350812
URI: <http://hdl.handle.net/1813/713> Visits: 188

AU: TI: 68-058*B Magnolia 'Ricki' KW: Magnolia; Ricki; Magnoliaceae; US National Arboretum; Plantations Road IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 68-058B_FL.jpg Desc: Description: Image of Flower Size: 343397
URI: <http://hdl.handle.net/1813/714> Visits: 222

AU: TI: 99-432*A Aquilegia 'Mellow Yellow' KW: Aquilegia; Mellow Yellow; Ranunculaceae; Golden Leaved Columbine; Field House; Plant Delights Nursery IssD: 2003-06-13 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 99-432_FL.jpg Desc: Description: Size: 276317
URI: <http://hdl.handle.net/1813/1439> Visits: 720

AU: TI: 97-490*C Potentilla fruticosa 'Gold Drop' KW: Potentilla fruticosa; Gold Drop; Rosaceae; Shrubby Cinquefoil; Keenan Nursery; Harris Lilac Collection IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-490C_FL.jpg Desc: Description: Size: 378336
URI: <http://hdl.handle.net/1813/1421> Visits: 183

AU: TI: 02-382*C Buddleia davidii 'Bonnie' KW: Buddleia davidii; Bonnie; Lilac; Harris Lilac Collection IssD: 2003-07-14 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum

File: 02-382C_PL.jpg Desc: Description: Size: 619851
URI: <http://hdl.handle.net/1813/1374> Visits: 140

AU: TI: 98-111*A Philadelphus xlemoinei 'Manteau d'Hermine' KW: Philadelphus xlemoinei; Manteau d'Hermine; Girl Scout; Saxifragaceae; Mockorange; Harris Lilac Collection; Forest Farm Nursery IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 98-111A_FL.jpg Desc: Description: Size: 318597
URI: <http://hdl.handle.net/1813/1428> Visits: 141

AU: TI: 97-165*A Robinia xmargaretta 'Pink Cascade' KW: Robinia xmargaretta; Pink Cascade; Leguminosae; Pink Cascade Locust; Forest Farm Nursery; Palmer Dogwood Collection IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 97-165_FL.jpg Desc: Description: Size: 291867
URI: <http://hdl.handle.net/1813/1412> Visits: 117

AU: TI: 97-091*A Syringa 'Red Pixie' KW: Syringa; Red Pixie; Oleaceae; Olive Family; Lilac; Harris Lilac Collection IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 97-091_FL.jpg Desc: Description: Image of Flower Size: 574292
URI: <http://hdl.handle.net/1813/1173> Visits: 153

AU: TI: 98-367*A Hemerocallis 'Missouri Moon' KW: Hemerocallis; Missouri Moon; Liliaceae; DayLily; Field House; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 98-367_FL.jpg Desc: Description: Size: 233130
URI: <http://hdl.handle.net/1813/1432> Visits: 140

AU: TI: 98-438*A Hemerocallis 'Siloam Double Classic' KW: Hemerocallis; Siloam Double Classic; Liliaceae; DayLily; Field House; Caprice Nursery IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 98-438A_FL.jpg Desc: Description: Size: 251917
URI: <http://hdl.handle.net/1813/1433> Visits: 152

AU: TI: 98-175*A Asclepias tuberosa 'Hello Yellow' KW: Asclepias tuberosa; Hello Yellow; Asclepiadaceae; Butterfly Weed; Field House; Roslyn Nursery IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 98-175_FL.jpg Desc: Description: Size: 467475
URI: <http://hdl.handle.net/1813/1429> Visits: 151

AU: TI: 97-507*A Hemerocallis 'Girl Scout' KW: Hemerocallis; Girl Scout; Liliaceae; DayLily; Harris Lilac Collection; Sunny Border Ohio IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 97-507A_FL.jpg Desc: Description: Size: 299613
URI: <http://hdl.handle.net/1813/1422> Visits: 155

AU: TI: 85-383*A *Symplocos paniculata* KW: *Symplocos paniculata*; Symplocaceae; Sapphire Berry; Himalayas; China; Korea; Japan; Urban Tree Collection IssD: 2003-06-17
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 85-383A_FO.jpg Desc: Description: Size: 357042
URI: <http://hdl.handle.net/1813/1389> Visits: 119

AU: TI: 83-438*A *Cornus drummondii* KW: *Cornus drummondii*; Palmer Dogwood Collection IssD: 2003-07-08
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 83-438A_FL.jpg Desc: Description: Size: 335277
URI: <http://hdl.handle.net/1813/1385> Visits: 110

AU: TI: 88-012*A *Geranium macrorrhizum* 'Bevan's Variety' KW: *Geranium macrorrhizum*; Bevan's Variety; Geraniaceae; Field House Nursery IssD: 2003-06-13
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 88-012_FL.jpg Desc: Description: Size: 319294
URI: <http://hdl.handle.net/1813/1391> Visits: 119

AU: TI: 79-114*A *Cornus kousa* KW: *Cornus kousa*; Cornaceae; Kousa Dogwood; Japan; Korea; China; Lake Country Nursery IssD: 2003-06-16
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 79-114A_FL.jpg Desc: Description: Size: 239097
URI: <http://hdl.handle.net/1813/1381> Visits: 121

AU: TI: 96-096*G *Physocarpus opulifolius* 'Snowfall' KW: *Physocarpus opulifolius*; Snowfall; Rosaceae; Ninenbark; Mitchell Barn Area; Bailey Nursery IssD: 2003-06-17
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 96-096G_FL.jpg Desc: Description: Size: 458683
URI: <http://hdl.handle.net/1813/1403> Visits: 112

AU: TI: 89-186*A *Spiraea trilobata* 'Fairy Queen' KW: *Spiraea trilobata*; Fairy Queen; Rosaceae; Three-Lobe Spirea; Harris Lilac Collection IssD: 2003-06-03
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 89-186_FL.jpg Desc: Description: Image of Flower Size: 532391
URI: <http://hdl.handle.net/1813/1167> Visits: 137

AU: TI: 97-163*A *Robinia pseudoacacia* 'Bessoniana' KW: *Robinia pseudoacacia*; Bessoniana; Leguminosae; Black Locust; Forest Farm Nursery; Palmer Dogwood Collection IssD: 2003-06-16
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 97-163_FL.jpg Desc: Description: Size: 234404
URI: <http://hdl.handle.net/1813/1411> Visits: 118

AU: TI: 97-167*B *Robinia xslavinii* 'Hillieri' KW: *Robinia xslavinii*; Hillieri; Fabaceae; Locust; Forest Farm Nursery; Palmer Dogwood Collection IssD: 2003-06-16
Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 97-167B_FL.jpg Desc: Description: Size: 286455
URI: <http://hdl.handle.net/1813/1414> Visits: 116

AU: TI: 92-135*B *Viburnum sieboldii* 'Seneca' KW: *Viburnum sieboldii*; Seneca; Caprifoliaceae; Siebold *Viburnum*; Arbor Village Farms; Class of 1923; Flowering Tree Collection IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 92-135B_PL.jpg Desc: Description: Image of Plant Size: 599740
URI: <http://hdl.handle.net/1813/1148> Visits: 107

AU: TI: 97-588*J *Viburnum dentatum* 'Ralph Senior' AUTUMN JAZZ KW: *Viburnum dentatum*; Ralph Senior; Autumn Jazz; Caprifoliaceae; Arrowwood; Urban Tree Collection IssD: 2003-07-30 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-588J_FL.jpg Desc: Description: Size: 415704
URI: <http://hdl.handle.net/1813/1426> Visits: 226

AU: TI: 95-006*B *Syringa wolfii* KW: *Syringa wolfii*; Oleaceae; Lilac; Korea; Manchuria; ForestFarm Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 95-006B_FL.jpg Desc: Description: Image of Flower Size: 415819
URI: <http://hdl.handle.net/1813/1149> Visits: 128

AU: TI: 96-269*A *Cornus xdunbarii* KW: *Cornus xdunbarii*; Low Lands Collection IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 96-269A_FL.jpg Desc: Description: Size: 336076
URI: <http://hdl.handle.net/1813/1406> Visits: 111

AU: TI: 03-397*A *Ligularia dentata* 'Othello' KW: *Ligularia dentata*; Othello; Asteraceae; Leopard Plant; Bluebird Nursery IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 03-397A_FL.jpg Desc: Description: Size: 276077
URI: <http://hdl.handle.net/1813/1377> Visits: 221

AU: TI: 96-503*A *Heuchera* 'Smokey Rose' KW: *Heuchera*; Smokey Rose; Coral Bells; Saxifragaceae; Lath House; Terra Nova IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 96-503_FL.jpg Desc: Description: Size: 355361
URI: <http://hdl.handle.net/1813/1409> Visits: 105

AU: TI: 87-066*B *Malus* 'Ormiston Roy' KW: *Malus*; Ormiston Roy; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Class of 1923; Flowering Tree Collection IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 87-066B_FL.jpg Desc: Description: Image of Flower Size: 441832
URI: <http://hdl.handle.net/1813/771> Visits: 138

AU: TI: 83-331*A *Fagus sylvatica* 'Asplenifolia' KW: *Fagus sylvatica*; *Asplenifolia*; Fagaceae; Fern-Leaf European Beech; Europe; Edgewood Nursery; Beech Collection
IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 83-331A_FO.jpg Desc: Description: Size: 340756
URI: <http://hdl.handle.net/1813/1384> Visits: 129

AU: TI: 91-191*A *Fagus sylvatica* KW: *Fagus sylvatica*; Plantations Road IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 91-191B_PL.jpg Desc: Description: Size: 385204
URI: <http://hdl.handle.net/1813/1398> Visits: 117

AU: TI: 88-061*A *Lysimachia ephemereum* KW: *Lysimachia ephemereum*; Primulaceae
IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 88-061_FL.jpg Desc: Description: Size: 214533
URI: <http://hdl.handle.net/1813/1392> Visits: 143

AU: TI: 97-487*F *Hydrangea arborescens* 'Annabelle' GOLD MEDAL KW: *Hydrangea arborescens*; Annabelle; Gold Medal; Saxifragaceae; Smooth Hydrangea; Edgewood Nursery; Harris Lilac Collection IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 97-487F_FL.jpg Desc: Description: Size: 337797
URI: <http://hdl.handle.net/1813/1420> Visits: 149

AU: TI: 98-039*A *Malus* 'Jewelcole' RED JEWEL KW: *Malus*; Jewelcole; Rosaceae; Red Jewel; Flowering Crabapple; Arbor Village Farm; Native maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 98-039A_FL.jpg Desc: Description: Image of Flower Size: 298123
URI: <http://hdl.handle.net/1813/879> Visits: 159

AU: TI: 01-242*E *Cornus sericea* 'Cardinal' KW: *Cornus sericea*; Cardinal; Cornaceae; Red-Osier Dogwood; Windrose Nurseries; Newman Overlook IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 01-242E_FL.jpg Desc: Description: Image of Flower Size: 328236
URI: <http://hdl.handle.net/1813/982> Visits: 403

AU: TI: 99-356*C *Malus* 'Louisa' KW: *Malus*; Louisa; Rosaceae; Weeping Crabapple; Bailey Nurseries; Newman Overlook IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum
File: 99-256C_FL.jpg Desc: Description: Image of Flower Size: 357476
URI: <http://hdl.handle.net/1813/890> Visits: 503

AU: TI: 97-297*A Malus 'Robinson' KW: Malus; Robinson; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Native Maple Collection IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 97-297A_FL.jpg Desc: Description: Image of Flower Size: 377412

URI: <http://hdl.handle.net/1813/906> Visits: 140

AU: TI: 01-344*A Robinia pseudoacacia 'Purple Robe' KW: Robinia pseudoacacia; Purple Robe; Fabaceae; Black Locust; Palmer Dogwood Collection; Forest Farm Nursery IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-344A_FL.jpg Desc: Description: Size: 332693

URI: <http://hdl.handle.net/1813/1359> Visits: 295

AU: TI: 00-110*B Malus 'Guinzam' GUINEVERE KW: Malus; Guinzam; Rosaceae; Guinevere; Flowering Crabapple; Arbor Village Farm; Class of 1923; Flowering Tree Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 00-110B_FL.jpg Desc: Description: Image of Flower Size: 378141

URI: <http://hdl.handle.net/1813/798> Visits: 1335

AU: TI: 98-201*A Malus 'Luwick' KW: Malus; Luwick; Rosaceae; Flowering Crabapple; Schmidt & Son Co.; Plantations Road IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/795> Visits: 163

AU: TI: 87-224*A Spiraea xcinerea 'Grefsheim' KW: Spiraea xcinerea; Grefsheim; Rosaceae; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 87-224_PL.jpg Desc: Description: Image of Flower Size: 684059

URI: <http://hdl.handle.net/1813/835> Visits: 124

AU: TI: 03-467*A Iris cristata 'Eco Blue Bird' KW: Iris cristata; Eco Blue Bird; Iridaceae; Crested Iris; Sunny Border; Ohio IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 03-467A_FL.jpg Desc: Description: Image of Flower Size: 338361

URI: <http://hdl.handle.net/1813/738> Visits: 242

AU: TI: 02-038*A Philadelphus 'Snowbelle' KW: Philadelphus; Snowbelle; Saxifragaceae; Mockorange; Harris Liliac Collection; Fairweather Gardens IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-038A_FL.jpg Desc: Description: Size: 277265

URI: <http://hdl.handle.net/1813/1362> Visits: 246

AU: TI: 99-322*A Iris sibirica 'Baby Sister' KW: Iris sibirica; Baby Sister; Iridaceae; Siberian Iris; Field House; Sunny Border Ohio IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 99-322_FL.jpg Desc: Description: Size: 325179
URI: <http://hdl.handle.net/1813/1436> Visits: 895

AU: TI: 97-345*A Hemerocallis longituba KW: Hemerocallis longituba; Liliaceae; South Korea; Heronswood Nursery; Field House IssD: 2003-08-05 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-345_FL.jpg Desc: Description: Size: 247944
URI: <http://hdl.handle.net/1813/1417> Visits: 160

AU: TI: 97-524*A Hemerocallis 'So Sweet' KW: Hemerocallis; So Sweet; Liliaceae; DayLily; Harris Lilac Collection; Sunny Border Ohio IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-524_FL.jpg Desc: Description: Size: 278472
URI: <http://hdl.handle.net/1813/1425> Visits: 145

AU: TI: 91-190*G Malus 'Parrsi' PINK PRINCESS KW: Malus; Parrsi; Rosaceae; Pink Princess; Flowering Crabapple; Schmidt Nursery; Class of 1923; Flowering Tree Collection IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 91-190G_FL.jpg Desc: Description: Image of Flower Size: 395456
URI: <http://hdl.handle.net/1813/969> Visits: 154

AU: TI: 97-091*A Syringa 'Red Pixie' KW: Syringa; Red Pixie; Oleaceae; Olive Family; Lilac; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 97-091_IFL.jpg Desc: Description: Image of Flower Size: 325819
URI: <http://hdl.handle.net/1813/839> Visits: 140

AU: TI: 02-021*A Berberis thunbergii 'Bailgreen' JADE CAROUSEL KW: Berberis thunbergii; Bailgreen; Berberidaceae; Jade Carousel Barberry; Bailey Nurseries; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-021A_FL.jpg Desc: Description: Image of Flower Size: 346992
URI: <http://hdl.handle.net/1813/830> Visits: 276

AU: TI: 84-225*A Robinia pseudoacacia 'Rozynskyana' KW: Robinia pseudoacacia; Rozynskyana; Fabaceae; Black Locust; Hillier Nurseries; Urban Tree Collection IssD: 2003-06-16 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 84-225A_FL.jpg Desc: Description: Size: 300886
URI: <http://hdl.handle.net/1813/1387> Visits: 115

AU: TI: 02-058*B Chaenomeles japonica 'Sargentii' KW: Chaenomeles japonica; Sargentii; Rosaceae; Lesser Flowering Quince; Arbor Village Farms; Harris Lilac Collection; Japan IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: F. R. Newman Arboretum
File: 02-058B_FL.jpg Desc: Description: Image of Flower Size: 344229
URI: <http://hdl.handle.net/1813/831> Visits: 320

AU: TI: 01-354*B *Berberis thunbergii* 'Aurea Nana' KW: *Berberis thunbergii*; Aurea Nana; Berberidaceae; Japanese Barberry; Paradise Garden Nursery; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 01-354B_FL.jpg Desc: Description: Image of Flower Size: 304845

URI: <http://hdl.handle.net/1813/827> Visits: 373

AU: TI: 96-407 *Prunus Fruticosa* KW: *Prunus Fruticosa*; Steppe Cherry; Rosaceae; Central Europe; Eastern Europe; Siberia; Forest Farm Nursery IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 96-407_FL.jpg Desc: Description: Image of Flower Size: 372338

URI: <http://hdl.handle.net/1813/872> Visits: 144

AU: TI: 65-126*C *Magnolia xsoulangiana* KW: *Magnolia xsoulangiana*; Magnoliaceae; Saucer Magnolia; Bosley Nurseries; Plantations Road IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 65-126C_FL.jpg Desc: Description: Image of Flower Size: 247076

URI: <http://hdl.handle.net/1813/899> Visits: 207

AU: TI: 02-020*A *Berberis* 'Baisel' GOLDEN CAROUSEL KW: *Berberis*; Baisel; Berberidaceae; Golden Carousel; Bailey Nurseries; Harris Lilac Collection IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-020B_FO.jpg Desc: Description: Image of Flower Size: 448046

URI: <http://hdl.handle.net/1813/829> Visits: 298

AU: TI: 02-216*B *Spiraea fritschiana* 'Wilma' PINK PARASOLS KW: *Spiraea fritschiana*; Wilma; Pink Parasols; Rosaceae; Korean Spirea; Spring Meadow; Lowlands Collection IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 02-216B_FL.jpg Desc: Description: Image of Flower Size: 452342

URI: <http://hdl.handle.net/1813/1046> Visits: 653

AU: TI: 87-240*A *Magnolia xloebneri* 'Ballerina' KW: *Magnolia xloebneri*; Ballerina; Magnoliaceae; Magnolia; Jackson Grove; Weston Nurseries IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: F. R. Newman Arboretum

File: 87-240A_FL.jpg Desc: Description: Image of Flower Size: 287135

URI: <http://hdl.handle.net/1813/723> Visits: 151

AU: Widmer, T.L.; Ludwig, J.W.; Abawi, G.S. TI: The Northern Root-Knot Nematode on Carrot, Lettuce, and Onion in New York KW: nematode; carrot; lettuce; onion IssD: 1999 Pub: Publisher:

ABS: Collection: Food and Life Sciences Bulletin

File: fls156.pdf Desc: Description: Size: 268727

URI: <http://hdl.handle.net/1813/1508> Visits: 846

AU: Getz, Malcolm TI: Three Frontiers in Open Access Scholarship KW: Open Access; Scholarly Publishing; Open Archives; Open Index IssD: 2005-01-13 Pub: Publisher:
ABS: There are three important Collection: Frontiers in Open Access Scholarship Workshop

File: MGetz13Jan05Cornell.pdf Desc: Description: Size: 153534

URI: <http://hdl.handle.net/1813/307> Visits: 1525

AU: Gary W. Fick TI: FARMING BY THE BOOK: Food, Farming, and the Environment in the Bible and in the Qur-an KW: agricultural ethics; agricultural development; religion; Judaism; Christianity; Islam; sustainable agriculture; stewardship IssD: 2005-12 Pub: Publisher:

ABS: Food, farming, and environmental care are key topics in the study of agricultural sustainability. Agricultural sustainability is holistic in its approach, so religion and ethics need to be considered as aspects of the topic. Religious considerations become especially important when academic and development specialists must communicate with and motivate religious audiences. Thus, development agencies such as the World Bank are now collecting and distributing information about the religious beliefs of potential clients as they relate to food, farming, and the environment. The material provided here offers an in-depth treatment from the perspective of three religions: Judaism, Christianity, and Islam. A comprehensive compilation of passages about food and agriculture is supplemented with brief annotations. Because there are many publications about religion and the environment, only the core scriptures about environmental care are covered here. The passages are taken from the primary religious sources (the Bible and the Qur-an) used by Jewish, Christian, and Muslim communities. The goal is to help current and future agricultural development workers understand and communicate in terms that audiences with those religious backgrounds will appreciate. Collection: General Publications

File: FARMING BY THE BOOK.doc Desc: Description: Size: 404992

URI: <http://hdl.handle.net/1813/2550> Visits: 638

AU: Lembo, Arthur J Jr TI: Spatial SQL KW: GIS; Spatial; CSS 420 IssD: 2005-11-11 Pub: Publisher:

ABS: Collection: Geographic Information Systems

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/2489> Visits: 1379

AU: Ife, B.W.; Darby, Trudy L. TI: Remorse, Retribution and Redemption in La fuerza de la sangre: Spanish and English Perspectives KW: Cervantes; Novelas Ejemplares IssD: 2005 Pub: Publisher:

ABS: an essay describing "the power of blood" as a concept used in Miguel de Cervantes' Novelas ejemplares Collection: Golden Age

File: Mono218-CH-08.pdf Desc: Description: Size: 106353

URI: <http://hdl.handle.net/1813/2542> Visits: 512

AU: Bihn, Elizabeth A.; Rangarajan, Anusuya; Gravani, Robert B.; Scott, Donna L.; Pritts, Marvin P.; Vidal, Jose R. TI: La Seguridad de los Alimentos Empieza en el Campo: Una Guia para el Productor KW: Spanish; Food; Safety; Farm; Fruits; Vegetables IssD: 2005 Pub: Publisher:

ABS: Collection: Good Agricultural Practices (GAPs) Publications

File: FSBF_Bk_Span.pdf Desc: Description: Size: 18217844
URI: <http://hdl.handle.net/1813/2210> Visits: 640

AU: Rangarajan, Anusuya; Bihn, Elizabeth A.; Gravani, Robert B.; Scott, Donna L.; Pritts, Marvin P. TI: Food Safety Begins on the Farm: A Grower's Guide KW: Food; Safety; Farm; Fruits; Vegetables IssD: 2000 Pub: Publisher:
ABS: Collection: Good Agricultural Practices (GAPs) Publications
File: FSBF_Bk_Eng.pdf Desc: Description: Size: 16305949
URI: <http://hdl.handle.net/1813/2209> Visits: 657

AU: Hirsch, Robert L.; Bezdek, Roget; Wendling, Robert TI: Peaking of Oil Production: Impacts, Mitigation, & Risk Management KW: Energy Policy--United States; Power Resources IssD: 2005-04-07 Pub: Publisher:
ABS: The peaking of world oil production presents the U.S. and the world with an unprecedented risk management problem. As peaking is approached, liquid fuel prices and price volatility will increase dramatically, and, without timely mitigation, the economic, social, and political costs will be unprecedented. Viable mitigation options exist on both the supply and demand sides, but to have substantial impact, they must be initiated more than a decade in advance of peaking. This U.S. Department of Energy funded paper reports the problem of the peaking of world conventional oil production is unlike any yet faced by modern industrial society. The challenges and uncertainties need to be much better understood. Technologies exist to mitigate the problem. Timely, aggressive risk management will be essential. Collection: Government Publications from the Internet
File: hirsch0502.pdf Desc: Description: Size: 1232331
URI: <http://hdl.handle.net/1813/692> Visits: 1441

AU: TI: 96-298*A Mukdenia rossii KW: Mukdenia rossii; Saxifragaceae; North China; Korea; Heronswood Nursery IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 96-298_IFL.jpg Desc: Description: Image of Flower Size: 318716
URI: <http://hdl.handle.net/1813/730> Visits: 159

AU: TI: 99-380*A Hosta 'Moon River' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 99-380A_PL.jpg Desc: Description: Size: 479879
URI: <http://hdl.handle.net/1813/1768> Visits: 510

AU: TI: 99-063*A Epimedium pinnatum ssp. colchicum 'Black Sea' KW: Epimedium pinnatum; ssp. colchicum; Berberidaceae; Bishop's Cap; Heronswood Nursery; Black Sea IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 99-063A_FL.jpg Desc: Description: Image of Flower Size: 441749
URI: <http://hdl.handle.net/1813/710> Visits: 330

AU: TI: 99-387*A Hosta 'Tamborine' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 99-387A_PL.jpg Desc: Description: Size: 501028
URI: <http://hdl.handle.net/1813/1769> Visits: 532

AU: TI: 99-359*A Hosta 'Twilight' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 99-359A_PL.jpg Desc: Description: Size: 492091
URI: <http://hdl.handle.net/1813/1765> Visits: 265

AU: TI: 03-384*A Hosta 'Tattoo' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 03-384A_PL.jpg Desc: Description: Size: 448168
URI: <http://hdl.handle.net/1813/1692> Visits: 143

AU: TI: 96-574*A Heuchera 'Velvet Night' KW: Saxifragaceae IssD: 2003-06-30 Pub:
Publisher:
ABS: Collection: Groundcover Garden
File: 96-574A_PL.jpg Desc: Description: Size: 576100
URI: <http://hdl.handle.net/1813/1744> Visits: 115

AU: TI: 97-340*A Epimedium Asiatic Hybrids KW: Epimedium; Asiatic Hybrids;
Berberidaceae; Bishop's Cap; Heronswood Nursery IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 97-340A_FL.jpg Desc: Description: Image of Flower Size: 399704
URI: <http://hdl.handle.net/1813/708> Visits: 147

AU: TI: 94-067*A Hosta 'Tokudama Aureonebulosa' KW: Liliaceae IssD: 2003-07-02
Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 94-067A_PL.jpg Desc: Description: Size: 428017
URI: <http://hdl.handle.net/1813/1733> Visits: 98

AU: TI: 91-169*A Aстранtia 'Rosensinfonie' KW: Umbelliferae IssD: 2003-06-30 Pub:
Publisher:
ABS: Collection: Groundcover Garden
File: 91-169A_FL.jpg Desc: Description: Size: 329427
URI: <http://hdl.handle.net/1813/1728> Visits: 86

AU: TI: 98-151*A Geranium xmonacense 'Muldoon' KW: Geranium xmonacense;
Muldoon IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 98-151_FL.jpg Desc: Description: Image of Flower Size: 387082
URI: <http://hdl.handle.net/1813/1004> Visits: 197

AU: TI: 02-256*A Aстранtia major 'Ruby Wedding' KW: Aстранtia major; Ruby
Wedding; Apiaceae; Masterwort; Roslyn Nursery IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 02-256B_FL.jpg Desc: Description: Image of Flower Size: 340123
URI: <http://hdl.handle.net/1813/1339> Visits: 281

AU: TI: 01-083*A *Lamium maculatum* 'Anne Greenaway' KW: *Lamium maculatum*; Anne Greenaway; Lamiaceae; Golden Dead Nettle; Plant Delights IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 01-083A_FL.jpg Desc: Description: Picture of Flower Size: 405109

URI: <http://hdl.handle.net/1813/681> Visits: 504

AU: TI: 86-336*A *Hosta* 'Blue Cadet' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-336A_PL.jpg Desc: Description: Size: 478429

URI: <http://hdl.handle.net/1813/1714> Visits: 114

AU: TI: 90-002*A *Hosta* 'Wide Brim' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 90-002A_PL.jpg Desc: Description: Size: 440082

URI: <http://hdl.handle.net/1813/1724> Visits: 99

AU: TI: 96-512*A *Pulmonaria longifolia* ssp. *cevennensis* KW: *Pulmonaria longifolia* ssp. *cevennensis*; Boraginaceae; Lungwort; France; Terra Nova IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 96-512A_FL.jpg Desc: Description: Image of Flower Size: 384910

URI: <http://hdl.handle.net/1813/765> Visits: 157

AU: TI: 99-379*A *Hosta* 'Crested Surf' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 99-379A_PL.jpg Desc: Description: Size: 492924

URI: <http://hdl.handle.net/1813/1767> Visits: 512

AU: TI: 02-047*A *Hosta* 'Warwick Essence' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 02-047A_PL.jpg Desc: Description: Size: 531803

URI: <http://hdl.handle.net/1813/1686> Visits: 175

AU: TI: 76-189*B *Rhododendron* 'Boule de Neige' KW: *Rhododendron*; Boule de Neige; Ericaceae; Baldsiefen Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 76-189B_FL.jpg Desc: Description: Image of Flower Size: 404409

URI: <http://hdl.handle.net/1813/739> Visits: 220

AU: TI: 96-557*A *Astilbe* 'Veronica Klose' KW: Saxifragaceae IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 96-557A_FL.jpg Desc: Description: Size: 460945

URI: <http://hdl.handle.net/1813/1743> Visits: 154

AU: TI: 73-219*A *Hosta* *ventricosa* KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 73-219A_PL.jpg Desc: Description: Size: 533062
URI: <http://hdl.handle.net/1813/1694> Visits: 136

AU: TI: 97-119*A Hosta 'On Stage' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 97-119A_PL.jpg Desc: Description: Size: 458961
URI: <http://hdl.handle.net/1813/1745> Visits: 117

AU: TI: 96-416*A Brunnera macrophylla 'Variegata' KW: Brunnera macrophylla;
Variegata; Boraginaceae; Siberian Bugloss; Jesse Hensen IssD: 2003-05-15 Pub:
Publisher:
ABS: Collection: Groundcover Garden
File: 96-416A_FL.jpg Desc: Description: Image of Flower Size: 441988
URI: <http://hdl.handle.net/1813/746> Visits: 157

AU: TI: 86-286*A Athyrium filix-femina 'Congestum Cristatum' KW: Polypodiaceae
IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 86-286A_PL.jpg Desc: Description: Size: 462869
URI: <http://hdl.handle.net/1813/1712> Visits: 90

AU: TI: 86-288*A Dryopteris filix-mas 'Linearis Polydactyla' KW: Polypodiaceae IssD:
2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 86-288A_PL.jpg Desc: Description: Size: 636833
URI: <http://hdl.handle.net/1813/1713> Visits: 95

AU: TI: 85-331*A Hosta 'Tokudama' KW: Liliaceae IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 85-331A_FL.jpg Desc: Description: Size: 294669
URI: <http://hdl.handle.net/1813/1700> Visits: 92

AU: TI: 86-425*A Epimedium xperralchicum 'Frohnleiten' KW: Epimedium
xperralchicum; Frohnleiten; Berberidaceae; Wayside IssD: 2003-05-08 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 86-425A_FL.jpg Desc: Description: Image of Flower Size: 362378
URI: <http://hdl.handle.net/1813/686> Visits: 164

AU: TI: 74-187*B Waldsteinia ternata KW: Waldsteinia ternata; Rosaceae; Barren
Strawberry; Central Europe; Siberia; Cunningham IssD: 2003-05-08 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 74-187B_FL.jpg Desc: Description: Image of Flower Size: 376321
URI: <http://hdl.handle.net/1813/685> Visits: 255

AU: TI: 86-227*A Aстранtia major var. involucrata KW: Umbelliferae IssD: 2003-06-30
Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 86-227A_FL.jpg Desc: Description: Size: 362320
URI: <http://hdl.handle.net/1813/1711> Visits: 92

AU: TI: 87-090*B *Dryopteris goldiana* KW: Polypodiaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 87-090B_FR.jpg Desc: Description: Size: 284508

URI: <http://hdl.handle.net/1813/1717> Visits: 91

AU: TI: 91-168*A *Astilbe xarensii* 'Queen of Holland' KW: Saxifragaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 91-168A_FL.jpg Desc: Description: Size: 363625

URI: <http://hdl.handle.net/1813/1727> Visits: 94

AU: TI: 99-388*A *Hosta* 'Mildred Seaver' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 99-388A_PL.jpg Desc: Description: Size: 480574

URI: <http://hdl.handle.net/1813/1770> Visits: 596

AU: TI: 02-409*A *Dryopteris crassirhizoma* KW: *Dryopteris crassirhizoma* IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 02-409A_PL.jpg Desc: Description: Size: 621711

URI: <http://hdl.handle.net/1813/1341> Visits: 256

AU: TI: 85-422*A *Hemerocallis* 'Butterpat' KW: Liliaceae IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 85-422A_FL.jpg Desc: Description: Size: 301237

URI: <http://hdl.handle.net/1813/1701> Visits: 113

AU: TI: 99-362*A *Astrantia major* 'Sunningdale Variegated' KW: *Astrantia major*; Sunningdale Variegated; Apiaceae; Variegated Masterwort; Root & Rhizomes IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 99-362A_FO.jpg Desc: Description: Image of Flower Size: 366026

URI: <http://hdl.handle.net/1813/701> Visits: 425

AU: TI: 02-409*A *Dryopteris crassirhizoma* KW: Polypodiaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 02-409A_PL.jpg Desc: Description: Size: 621711

URI: <http://hdl.handle.net/1813/1690> Visits: 136

AU: TI: 92-179*A *Hosta* 'Tokudama Flavocircinalis Sport' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 92-179A_PL.jpg Desc: Description: Size: 516638

URI: <http://hdl.handle.net/1813/1729> Visits: 99

AU: TI: 97-123*A Hosta 'Iron Gate Delight' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 97-123A_PL.jpg Desc: Description: Size: 545355

URI: <http://hdl.handle.net/1813/1747> Visits: 98

AU: TI: 87-376*A Hosta 'Tall Boy' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 87-376A_PL.jpg Desc: Description: Size: 483756

URI: <http://hdl.handle.net/1813/1720> Visits: 90

AU: TI: 88-022*A Calamagrostis xacutiflora 'Karl Foerster' KW: Poaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 88-022A_PL.jpg Desc: Description: Size: 573127

URI: <http://hdl.handle.net/1813/1723> Visits: 107

AU: TI: 86-226*A Astilboides tabularis KW: Saxifragaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-226A_PL.jpg Desc: Description: Size: 456816

URI: <http://hdl.handle.net/1813/1710> Visits: 101

AU: TI: 94-064*A Hosta 'Heartsong' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 94-064A_PL.jpg Desc: Description: Size: 542462

URI: <http://hdl.handle.net/1813/1731> Visits: 92

AU: TI: 87-571*B Hosta sieboldiana 'Elegans' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 87-571B_PL.jpg Desc: Description: Size: 494673

URI: <http://hdl.handle.net/1813/1721> Visits: 110

AU: TI: 03-318*A Astilbe 'Pink Lightning' KW: Saxifragaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 03-318A_FL.jpg Desc: Description: Size: 526714

URI: <http://hdl.handle.net/1813/1691> Visits: 169

AU: TI: 86-013*A Hosta 'Fortunei Hyacinthina' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-013A_PL.jpg Desc: Description: Size: 529314

URI: <http://hdl.handle.net/1813/1702> Visits: 110

AU: TI: 85-320*A Hosta 'Blue Angel' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 85-320A_PL.jpg Desc: Description: Size: 575085

URI: <http://hdl.handle.net/1813/1698> Visits: 107

AU: TI: 86-218*A Hosta tardiflora KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-218A_PL.jpg Desc: Description: Size: 518745

URI: <http://hdl.handle.net/1813/1707> Visits: 89

AU: TI: 85-320*B Hosta 'Blue Angel' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 85-320B_PL.jpg Desc: Description: Size: 557100

URI: <http://hdl.handle.net/1813/1699> Visits: 97

AU: TI: 96-502*A Heuchera 'Amethyst Mist' KW: Saxifragaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 96-502_FL.jpg Desc: Description: Size: 309328

URI: <http://hdl.handle.net/1813/1739> Visits: 127

AU: TI: 00-182*A Tradescantia (Andersoniana Group) 'Blue and Gold' KW: Commelinaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 00-182A_FL.jpg Desc: Description: Size: 330776

URI: <http://hdl.handle.net/1813/1685> Visits: 430

AU: TI: 86-014*C Hosta 'Hadspen Blue' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-014C_PL.jpg Desc: Description: Size: 550447

URI: <http://hdl.handle.net/1813/1703> Visits: 100

AU: TI: 99-087*A Hosta 'Colossal' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 99-087A_FL.jpg Desc: Description: Size: 300115

URI: <http://hdl.handle.net/1813/1761> Visits: 192

AU: TI: 94-066*A Hosta sieboldiana 'Northern Halo' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 94-066A_PL.jpg Desc: Description: Size: 455660

URI: <http://hdl.handle.net/1813/1732> Visits: 96

AU: TI: 86-039*B Astilbe 'Ostrich Plume' KW: Saxifragaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-039B_FL.jpg Desc: Description: Size: 328202

URI: <http://hdl.handle.net/1813/1705> Visits: 96

AU: TI: 90-142*A Hosta 'Summer Fragrance' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 90-142A_PL.jpg Desc: Description: Size: 543488
URI: <http://hdl.handle.net/1813/1726> Visits: 99

AU: TI: 86-015*A Hosta 'Ellerbroek' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 86-015_PL.jpg Desc: Description: Size: 473761
URI: <http://hdl.handle.net/1813/1704> Visits: 88

AU: TI: 81-085*A Hosta 'Honeybells' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 81-085A_PL.jpg Desc: Description: Size: 481861
URI: <http://hdl.handle.net/1813/1695> Visits: 103

AU: TI: 86-221*A Hosta 'Blue Wedgewood' KW: Liliaceae IssD: 2003-07-02 Pub:
Publisher:
ABS: Collection: Groundcover Garden
File: 86-221A_PL.jpg Desc: Description: Size: 486320
URI: <http://hdl.handle.net/1813/1709> Visits: 105

AU: TI: 97-333*A Sambucus nigra 'Castledean' KW: Caprifoliaceae IssD: 2003-07-02
Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 97-333A_FL.jpg Desc: Description: Size: 382962
URI: <http://hdl.handle.net/1813/1750> Visits: 105

AU: TI: 98-450*A Hosta 'Savannah' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 98-450A_PL.jpg Desc: Description: Size: 451161
URI: <http://hdl.handle.net/1813/1759> Visits: 137

AU: TI: 99-378*A Hosta 'Chantilly Lace' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 99-378A_PL.jpg Desc: Description: Size: 488866
URI: <http://hdl.handle.net/1813/1766> Visits: 257

AU: TI: 87-575*A Hosta ventricosa 'Aureo-marginata' KW: Liliaceae IssD: 2003-07-02
Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 87-575A_PL.jpg Desc: Description: Size: 507895
URI: <http://hdl.handle.net/1813/1722> Visits: 103

AU: TI: 00-182*A Tradescantia (Andersoniana Group) 'Blue and Gold' KW:
Tradescantia; Andersoniana Group; Commelinaceae; Blue and Gold; Spiderwort;
Heronswood Nursery IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 00-182A_FL.jpg Desc: Description: Image of Flower Size: 330776
URI: <http://hdl.handle.net/1813/1336> Visits: 686

AU: TI: 02-227*A Epimedium xversicolor 'Versicolor' KW: Epimedium xversicolor; Versicolor; Berberidaceae; Bishop's Hat; Robyn's Nest IssD: 2003-05-08 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 02-227A_fl.jpg Desc: Description: Image of Flower Size: 382067
URI: <http://hdl.handle.net/1813/683> Visits: 286

AU: TI: 99-423*A Hosta 'Twilight' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 99-423A_PL.jpg Desc: Description: Size: 531465
URI: <http://hdl.handle.net/1813/1771> Visits: 608

AU: TI: 99-089*A Hosta 'Lakeside Black Satin' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 99-089A_PL.jpg Desc: Description: Size: 443009
URI: <http://hdl.handle.net/1813/1762> Visits: 273

AU: TI: 01-081*A Dicentra 'King of Hearts' KW: Dicentra; King of Hearts; Fumariaceae; Hybrid Bleeding Heart; Plant Delights IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 01-081A_FL.jpg Desc: Description: Image of Flower Size: 310558
URI: <http://hdl.handle.net/1813/1101> Visits: 384

AU: TI: 00-293*A Lamium maculatum 'Brocade' KW: Lamium maculatum; Brocade; Lamiaceae; Dead Nettle; Joy Creek IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 00-293A_FL.jpg Desc: Description: Image of Flower Size: 411232
URI: <http://hdl.handle.net/1813/735> Visits: 914

AU: TI: 86-217*A Hosta 'Fringe Benefit' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 86-217A_PL.jpg Desc: Description: Size: 569552
URI: <http://hdl.handle.net/1813/1706> Visits: 103

AU: TI: 86-225*A Polygonum bistorta 'Superbum' KW: Polygonum bistorta; Superbum; Polygonaceae; Bistort; Klehm Nursery IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 86-225A_FL.jpg Desc: Description: Image of Flower Size: 288304
URI: <http://hdl.handle.net/1813/1023> Visits: 160

AU: TI: 01-081*A Dicentra 'King of Hearts' KW: Dicentra; King of Hearts; Fumariaceae; Hybrid Bleeding Heart; Plant Delights IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 01-081A_FL.jpg Desc: Description: Image of Flower Size: 293831
URI: <http://hdl.handle.net/1813/751> Visits: 421

AU: TI: 64-049*A Magnolia macrophylla KW: Magnoliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden

File: 64-049K_FL1.jpg Desc: Description: Size: 434623
URI: <http://hdl.handle.net/1813/1693> Visits: 162

AU: TI: 84-027*A *Campsis radicans* 'Flava' KW: Bignoniaceae IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 84-027_FL.jpg Desc: Description: Size: 214152
URI: <http://hdl.handle.net/1813/1696> Visits: 141

AU: TI: 02-256*B *Astrantia major* 'Ruby Wedding' KW: Apiaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 02-256B_FL.jpg Desc: Description: Size: 340123
URI: <http://hdl.handle.net/1813/1688> Visits: 142

AU: TI: 02-047*A *Hosta* 'Warwick Essence' KW: Hosta; Warwick Essence; Liliaceae; Plantain Lily; Plant Delights IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 02-047A_PL.jpg Desc: Description: Image of Plant Size: 531803
URI: <http://hdl.handle.net/1813/1337> Visits: 312

AU: TI: 96-528*A *Astilbe xarendsii* 'Augustleuchten' KW: Saxifragaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 96-528A_FL.jpg Desc: Description: Size: 353985
URI: <http://hdl.handle.net/1813/1741> Visits: 99

AU: TI: 96-539*A *Hosta* 'Snowstorm' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 96-539A_PL.jpg Desc: Description: Size: 475846
URI: <http://hdl.handle.net/1813/1742> Visits: 93

AU: TI: 96-527*A *Astilbe chinensis* 'Visions' KW: Saxifragaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 96-527A_FL.jpg Desc: Description: Size: 341988
URI: <http://hdl.handle.net/1813/1740> Visits: 122

AU: TI: 99-304*A *Hosta* 'Blue Arrow' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 99-304A_PL.jpg Desc: Description: Size: 457474
URI: <http://hdl.handle.net/1813/1764> Visits: 282

AU: TI: 95-189*A *Athyrium felix-femina* 'Victoriae' KW: Polypodiaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden
File: 95-189A_PL.jpg Desc: Description: Size: 592586
URI: <http://hdl.handle.net/1813/1736> Visits: 94

AU: TI: 95-261*A Hosta 'Aspen Gold' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 95-261A_PL.jpg Desc: Description: Size: 550968
URI: <http://hdl.handle.net/1813/1737> Visits: 100

AU: TI: 95-180*A Heuchera 'Purple Sails' KW: Saxifragaceae IssD: 2003-06-30 Pub:
Publisher:
ABS: Collection: Groundcover Garden
File: 95-180A_FL.jpg Desc: Description: Size: 314037
URI: <http://hdl.handle.net/1813/1735> Visits: 93

AU: TI: 96-118*A Hosta 'Antioch' Distinguished Merit Eunice Fisher Award KW:
Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 96-118A_PL.jpg Desc: Description: Size: 521116
URI: <http://hdl.handle.net/1813/1738> Visits: 95

AU: TI: 98-447*A Hosta 'Komodo Dragon' KW: Liliaceae IssD: 2003-07-02 Pub:
Publisher:
ABS: Collection: Groundcover Garden
File: 98-447A_FL.jpg Desc: Description: Size: 298899
URI: <http://hdl.handle.net/1813/1756> Visits: 142

AU: TI: 98-078*B Aстранtia 'Ruby Cloud' KW: Apiaceae IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 98-078B_FL.jpg Desc: Description: Size: 381192
URI: <http://hdl.handle.net/1813/1752> Visits: 124

AU: TI: 98-155*A Heuchera 'Chocolate Veil' KW: Saxifragaceae IssD: 2003-06-30 Pub:
Publisher:
ABS: Collection: Groundcover Garden
File: 98-155A_FL.jpg Desc: Description: Size: 277905
URI: <http://hdl.handle.net/1813/1753> Visits: 129

AU: TI: 98-353*A Hosta 'Guacamole' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 98-353A_PL.jpg Desc: Description: Size: 577851
URI: <http://hdl.handle.net/1813/1755> Visits: 123

AU: TI: 98-211*A Heuchera americana 'Ruby Ruffles' KW: Saxifragaceae IssD: 2003-07-
02 Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 98-211A_PL.jpg Desc: Description: Size: 637667
URI: <http://hdl.handle.net/1813/1754> Visits: 127

AU: TI: 97-420*A Hemerocallis 'Cragmoor Sweetheart' KW: Liliaceae IssD: 2003-07-07
Pub: Publisher:
ABS: Collection: Groundcover Garden
File: 97-420A_FL.jpg Desc: Description: Size: 336637

URI: <http://hdl.handle.net/1813/1751> Visits: 110

AU: TI: 97-207*A *Dryopteris tokyoensis* KW: Polypodiaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 97-207A_PL.jpg Desc: Description: Size: 581739

URI: <http://hdl.handle.net/1813/1749> Visits: 98

AU: TI: 97-125*A *Hosta* 'Fragrant Bouquet' HOSTA OF THE YEAR KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 97-125A_PL.jpg Desc: Description: Size: 512454

URI: <http://hdl.handle.net/1813/1748> Visits: 121

AU: TI: 99-085*A *Hosta* 'Black Beauty' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 99-085A_PL.jpg Desc: Description: Size: 575759

URI: <http://hdl.handle.net/1813/1760> Visits: 207

AU: TI: 98-449*A *Hosta* 'Raspberry Sorbet' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 98-449A_PL.jpg Desc: Description: Size: 547419

URI: <http://hdl.handle.net/1813/1758> Visits: 137

AU: TI: 98-448*A *Hosta nigrescena* KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 98-448_PL.jpg Desc: Description: Size: 428682

URI: <http://hdl.handle.net/1813/1757> Visits: 130

AU: TI: 99-285*A *Hosta* 'Paradigm' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 99-285A_FL.jpg Desc: Description: Size: 276233

URI: <http://hdl.handle.net/1813/1763> Visits: 239

AU: TI: 86-219*A *Hosta* 'Green Wedge' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-219_PL.jpg Desc: Description: Size: 493000

URI: <http://hdl.handle.net/1813/1708> Visits: 97

AU: TI: 02-041*A *Amsonia* 'Seaford Skies' KW: *Amsonia*; *Seaford Skies*; Apocynaceae; Blue Star; Plant Delights IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1102> Visits: 238

AU: TI: 98-153*A *Geranium phaeum* 'Samobor' KW: *Geranium phaeum*; *Samobor*; Geraniaceae; Mourning Widow; Heronswood Nursery IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 98-153A_FL.jpg Desc: Description: Image of Flower Size: 272585
URI: <http://hdl.handle.net/1813/977> Visits: 271

AU: TI: 87-023*B Pulmonaria 'Sissinghurst White' Award of Garden Merit KW: Pulmonaria; Sissinghurst White; Boraginaceae; Award of Garden Merit; Wayside Nursery IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 87-023B_PL.jpg Desc: Description: Image of Plant Size: 536018

URI: <http://hdl.handle.net/1813/966> Visits: 177

AU: TI: 87-448*D Rhododendron 'Montchanin' KW: Rhododendron; Montchanin; Ericaceae; Carlson's Nursery IssD: 2003-05-08 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 87-448D_FL.jpg Desc: Description: Image of Flower Size: 312419

URI: <http://hdl.handle.net/1813/688> Visits: 143

AU: TI: 02-222*A Hosta 'Choo Choo Train' KW: Hosta; Choo Choo Train; Liliaceae; Plantain Lily; Bridgewood Gardens IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 02-222A_FL.jpg Desc: Description: Image of Flower Size: 228719

URI: <http://hdl.handle.net/1813/1338> Visits: 277

AU: TI: 02-385*A Astilbe xarendsii 'Zuster Theresa' KW: Astilbe xarendsii; Zuster Theresa; Saxifragaceae; Plume Flower; Sunny Border Ohio IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 02-385A_FL.jpg Desc: Description: Image of Flower Size: 479791

URI: <http://hdl.handle.net/1813/1340> Visits: 261

AU: TI: 93-067*A Hosta 'Pearl Lake' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 93-067A_PL.jpg Desc: Description: Size: 457334

URI: <http://hdl.handle.net/1813/1730> Visits: 106

AU: TI: 94-156*A Hosta rectifolia 'Chionea' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 94-156A_PL.jpg Desc: Description: Size: 529650

URI: <http://hdl.handle.net/1813/1734> Visits: 93

AU: TI: 02-385*A Astilbe xarendsii 'Zuster Theresa' KW: Saxifragaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 02-385A_FL.jpg Desc: Description: Size: 479791

URI: <http://hdl.handle.net/1813/1689> Visits: 137

AU: TI: 97-121*A Hosta 'Hoosier Harmony' KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 97-121A_PL.jpg Desc: Description: Size: 498422
URI: <http://hdl.handle.net/1813/1746> Visits: 106

AU: TI: 87-011*A *Rodgersia aesculifolia* KW: Saxifragaceae IssD: 2003-06-16 Pub:
Publisher:

ABS: Collection: Groundcover Garden

File: 87-011A_FL.jpg Desc: Description: Size: 384131

URI: <http://hdl.handle.net/1813/1715> Visits: 108

AU: TI: 85-309*A *Lysimachia clethroides* KW: Primulaceae IssD: 2003-07-28 Pub:
Publisher:

ABS: Collection: Groundcover Garden

File: 85-309A_FL.jpg Desc: Description: Size: 271656

URI: <http://hdl.handle.net/1813/1697> Visits: 119

AU: TI: 87-145*A *Dryopteris xcomplexa* 'Robust' KW: Polypodiaceae IssD: 2003-07-02
Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 87-145A_FO.jpg Desc: Description: Size: 307884

URI: <http://hdl.handle.net/1813/1719> Visits: 91

AU: TI: 87-092*C *Diplazium acrostichoides* KW: Polypodiaceae IssD: 2003-07-02 Pub:
Publisher:

ABS: Collection: Groundcover Garden

File: 87-092C_PL.jpg Desc: Description: Size: 608778

URI: <http://hdl.handle.net/1813/1718> Visits: 87

AU: TI: 90-032*A *Hosta* 'Sum and Substance' KW: Liliaceae IssD: 2003-07-02 Pub:
Publisher:

ABS: Collection: Groundcover Garden

File: 90-032A_PL.jpg Desc: Description: Size: 506982

URI: <http://hdl.handle.net/1813/1725> Visits: 131

AU: TI: 02-222*A *Hosta* 'Choo Choo Train' KW: Liliaceae IssD: 2003-07-08 Pub:
Publisher:

ABS: Collection: Groundcover Garden

File: 02-222A_FL.jpg Desc: Description: Size: 228719

URI: <http://hdl.handle.net/1813/1687> Visits: 162

AU: TI: 87-044*B *Hosta plantaginea* KW: Liliaceae IssD: 2003-07-02 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 87-044B_PL.jpg Desc: Description: Size: 559964

URI: <http://hdl.handle.net/1813/1716> Visits: 92

AU: TI: 85-076*A *Stylophorum diphyllum* KW: *Stylophorum diphyllum*; Papaveraceae;
Celandine Poppy; Eastern United States; Rocknell Nursery IssD: 2003-05-15 Pub:
Publisher:

ABS: Collection: Groundcover Garden

File: 85-076A_FO.jpg Desc: Description: Image of Flower Size: 408621

URI: <http://hdl.handle.net/1813/740> Visits: 159

AU: TI: 86-225*A Polygonum bistorta 'Superbum' KW: Polygonum bistorta; Superbum; Polygonaceae; Bistort; Klehm Nursery IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Groundcover Garden

File: 86-225A_FL.jpg Desc: Description: Image of Flower Size: 346277

URI: <http://hdl.handle.net/1813/963> Visits: 165

AU: Hershman, Lynn TI: Rockefeller New Media Foundation Proposal KW: Art; Installation; Artificial Intelligence; Interactive Web Art IssD: 2006-07-10 Pub: Publisher:

ABS: Agent Ruby is an Artificial Intelligent Web agent that is shaped by encounters with users?thereby simultaneously being part of the real and virtual worlds. Ruby converses with users, remembers their questions and names, and is ultimately able to recognize their voices and have moods corresponding with whether or not she likes them. Collection: Hershman, Lynn

File: Hershman_Lynn.pdf Desc: Description: Size: 1907203

URI: <http://hdl.handle.net/1813/3261> Visits: 29

AU: Hershman, Lynn TI: Agent Ruby Documentation KW: Interactive Web Art; Art Documentation IssD: 2006-07-10 Pub: Publisher:

ABS: Collection: Hershman, Lynn

File: hershman_agentruby1.jpg Desc: Description: Agent Ruby Documentation Size: 78887

URI: <http://hdl.handle.net/1813/3262> Visits: 27

AU: Henderson, David W.; Taimina, Daina TI: Experiencing Meanings in Geometry KW: geometry; mathematics; kinematics models IssD: 2003-05-15 Pub: Publisher:

ABS: It is deep expe Collection: History and Theory of Machines and Mechanisms

File: 2003-4.pdf Desc: Description: Size: 5798616

URI: <http://hdl.handle.net/1813/2714> Visits: 186

AU: Lipson, Hod; Moon, Francis C.; Hai, Jimmy; Paventi, Carlo TI: 3D-Printing the History of Mechanisms KW: History of Mechanisms; machine models; education; kinematic models; Reuleaux-Voigt models; rapid prototyping IssD: 2003-07-31 Pub: Publisher:

ABS: Physical mod Collection: History and Theory of Machines and Mechanisms

File: 2003-6.pdf Desc: Description: Size: 779865

URI: <http://hdl.handle.net/1813/2715> Visits: 185

AU: Moon, Francis C. TI: Franz Reuleaux: Contributions to 19th C. Kinematics and Theory of KW: kinematics; theory of machines; Franz Reuleaux IssD: 2002-10-17 Pub: Publisher:

ABS: This review su Collection: History and Theory of Machines and Mechanisms

File: 2002-2.pdf Desc: Description: Size: 5480359

URI: <http://hdl.handle.net/1813/2712> Visits: 175

AU: Pan, Bing; Gay, Geri; Saylor, John; Hembrooke, Helene; Henderson, David TI: Usability, Learning, and Subjective Experience: User Evaluation of KW: Education; mathematics; kinematic models IssD: 2004-02-27 Pub: Publisher:

ABS: This pa Collection: History and Theory of Machines and Mechanisms

File: 2004-8.pdf Desc: Description: Size: 138622

URI: <http://hdl.handle.net/1813/2717> Visits: 314

AU: Taimina, Daina TI: How it was to study and to teach mathematics in Cornell at the end of KW: mathematical research; education; kinematic models IssD: 2003-05-01 Pub: Publisher:

ABS: Cornell Universi Collection: History and Theory of Machines and Mechanisms

File: 2003-3.pdf Desc: Description: Size: 4147221

URI: <http://hdl.handle.net/1813/2713> Visits: 299

AU: Taimina, Daina TI: Historical Mechanisms for Drawing Curves KW: Mechanical devices; drawing devices IssD: 2004-04-21 Pub: Publisher:

ABS: Mechanical d Collection: History and Theory of Machines and Mechanisms

File: 2004-9.pdf Desc: Description: Size: 826988

URI: <http://hdl.handle.net/1813/2718> Visits: 238

AU: Taimina, Daina; Henderson, David W. TI: How to Use History to Clarify Common Confusions in Geometry KW: history of geometry; education; Euclid; mathematics IssD: 2003-05-15 Pub: Publisher:

ABS: We have f Collection: History and Theory of Machines and Mechanisms

File: 2003-7.pdf Desc: Description: Size: 7007120

URI: <http://hdl.handle.net/1813/2716> Visits: 187

AU: Peck, Gregory TI: ORCHARD PRODUCTIVITY AND APPLE FRUIT QUALITY OF ORGANIC, CONVENTIONAL, AND INTEGRATED FARM MANAGEMENT SYSTEMS KW: Natural foods; Organic; Integrated; Conventional; Apples; Malus domestica; Marketing; Washington State; European Union; Food industry and trade; International trade IssD: 2004-05 Pub: Publisher:

ABS: The first of two studies undertaken in this thesis analyzed Washington State's organic apple (*Malus domestica* Borkh.) exports to the European Union (EU) as a case study of the internationalization of the organic marketplace. Washington's organic apple plantings have grown exponentially and as a result price premiums, which traditionally offset the greater costs of production and motivated many Washington growers to certify their apple orchards, have shrunk. At the same time, demand for organic apples in the EU has been outpacing production, thus making EU member states the most important export market for Washington's organic apples. However, an entanglement of regulatory bodies from around the world are involved in the certification of organic products, therefore making international sales very difficult. In this paper, I explored the expansion in the organic marketplace and the adjustments under

Collection: Horticulture Monographs and Papers

File: Peck 2004 WSU MS Thesis.pdf Desc: Description: Size: 2719952

URI: <http://hdl.handle.net/1813/2720> Visits: 215

AU: College of Human Ecology TI: Human Ecology 33:3, December 2005, Ecology of Obesity KW: Bronfenbrenner Life Course Center; Design and Environmental Analysis; Family Life Development Center; Human Development; Nutritional Sciences; Policy Analysis and Management; Textiles and Apparel IssD: 2005-12 Pub: Publisher:

ABS: Collection: Human Ecology Magazine

File: ?HuEc33.3Magazine.pdf Desc: Description: Size: 2238603
URI: <http://hdl.handle.net/1813/2985> Visits: 207

AU: College of Human Ecology TI: Human Ecology 32:2, October 2004, Youth Development KW: Bronfenbrenner Life Course Center; Design and Environmental Analysis; Family Life Development Center; Human Development; Nutritional Sciences; Policy Analysis and Management; Textiles and Apparel IssD: 2004-10 Pub: Publisher:
ABS: Collection: Human Ecology Magazine
File: HEMag32_2.pdf Desc: Description: Size: 4208640
URI: <http://hdl.handle.net/1813/2989> Visits: 172

AU: College of Human Ecology TI: Human Ecology 33:1, April 2005, Impact of Human ecology Research KW: Bronfenbrenner Life Course Center; Design and Environmental Analysis; Family Life Development Center; Human Development; Nutritional Sciences; Policy Analysis and Management; Textiles and Apparel IssD: 2005-04 Pub: Publisher:
ABS: Collection: Human Ecology Magazine
File: HEMag33_1.pdf Desc: Description: Size: 2923125
URI: <http://hdl.handle.net/1813/2987> Visits: 157

AU: College of Human Ecology TI: Human Ecology 32:3, March 2005, Healthy People, Families, Communities KW: Bronfenbrenner Life Course Center; Design and Environmental Analysis; Family Life Development Center; Human Development; Nutritional Sciences; Policy Analysis and Management; Textiles and Apparel IssD: 2005-03 Pub: Publisher:
ABS: Collection: Human Ecology Magazine
File: HEMag32_3.pdf Desc: Description: Size: 4029237
URI: <http://hdl.handle.net/1813/2988> Visits: 154

AU: College of Human Ecology TI: Human Ecology 33:2, August 2005, Shaping Policy Development KW: Bronfenbrenner Life Course Center; Design and Environmental Analysis; Family Life Development Center; Human Development; Nutritional Sciences; Policy Analysis and Management; Textiles and Apparel IssD: 2005-08 Pub: Publisher:
ABS: Collection: Human Ecology Magazine
File: HEMag33_2.pdf Desc: Description: Size: 3865983
URI: <http://hdl.handle.net/1813/2986> Visits: 166

AU: Cabrera, Derek; Trochim, William M.K. TI: A Protocol of Systems Evaluation KW: systems evaluation; evaluation systems; evaluation theory IssD: 2006-05-30 Pub: Publisher:
ABS: Collection: Issues in Evaluation
File: Protocol06.pdf Desc: Description: Size: 419615
URI: <http://hdl.handle.net/1813/3096> Visits: 116

AU: Cabrera, Derek; Trochim, William M.K. TI: A Theory of Systems Evaluation KW: systems evaluation; evaluation systems; evaluation theory IssD: 2006-05-30 Pub: Publisher:
ABS: Collection: Issues in Evaluation
File: Theory06.pdf Desc: Description: Size: 1014166
URI: <http://hdl.handle.net/1813/3094> Visits: 115

AU: Atkinson, Ross TI: Key Challenges for Collection Development KW: Collection Development; Open Access IssD: 2005-11-30 Pub: Publisher:

ABS: The powerpoint presentation given by Ross Atkinson at the Janus Conference on Research Library Collections, October 10,2005, Collection: Janus Conference on Research Library Collections October 2005

File: Key Challenges for C#219394.ppt Desc: Description: Size: 55296

URI: <http://hdl.handle.net/1813/2528> Visits: 1050

AU: Atkinson, Ross TI: Introduction for the Break-Out Sessions: Six Key Challenges for the Future of Collection Development KW: Collection Development; Research Libraries IssD: 2006-01-09 Pub: Publisher:

ABS: This article presents an overview of a range of key challenges facing collection development. It first considers the evolving nature of collections, and in so doing, confirms that the concept of the collection in the new environment remains valid and crucial to scholarship and services. It discusses the main players in the information exchange process. Finally, it outlines six key challenges in collection development for academic research libraries Collection: Janus Conference on Research Library Collections October 2005

File: Atkinson_Talk.pdf Desc: Description: Size: 150300

URI: <http://hdl.handle.net/1813/2608> Visits: 1085

AU: Bender, Ann TI: Allocation of Funds in Support of Collection Development in Public Libraries KW: Libraries; Collection Development IssD: 1979 Pub: Publisher:

ABS: A discussion of allocation of funds in support of collection development in public libraries based primarily on interviews held with administrative officers of the Brooklyn Public Library and Tompkins County (New York) Public Library is presented. The author concludes that no materials budget, however strong, can be used effectively without quality service at the level where the individual librarian brings material and patron together. Collection: Janus Conference on Research Library Collections October 2005

File: Allocation of Funds in Support 1.pdf Desc: Description: Size: 529589

URI: <http://hdl.handle.net/1813/656> Visits: 984

AU: Dudley, Norman TI: Collection Development: A Summary of Workshop Discussions KW: Libraries; Collection Development IssD: 1979 Pub: Publisher:

ABS: The author presents a summary of the five workshop discussions held at the Preconference Institute on Collection Development sponsored by the Collection Development Committee, Resources Section, RTSD, Detroit, MI June 1977. Collection: Janus Conference on Research Library Collections October 2005

File: Collection Development - Summary of Workshop Discussion.pdf Desc: Description: Size: 1061490

URI: <http://hdl.handle.net/1813/657> Visits: 1122

AU: Edelman, Hendrik TI: Selection Methodology in Academic Libraries. KW: Libraries; Collection Development IssD: 1979 Pub: Publisher:

ABS: An attempt is made to describe the elements of a selection decision model. Definitions are provided and an outline for a classification of library materials by source of origin is developed. There are descriptions of short- and long-term goals for

collection development as well as an outline of macro- and microselection decision making. Collection: Janus Conference on Research Library Collections October 2005
File: Selection Methodology in Academic Libraries 1.pdf Desc: Description: Size: 448361
URI: <http://hdl.handle.net/1813/646> Visits: 846

AU: Edelman, Hendrik TI: Intelligent Design and the Evolution of American Research Library Collections KW: Collection Development; Research Libraries IssD: 2006-01-03
Pub: Publisher:

ABS: This paper disusses the the forces that have shaped American research library collections, how collection development emerged as a professional responsibility in the second part of the 20th century, and how the profession has empowered itself through research, methodology, documentation and education. Collection: Janus Conference on Research Library Collections October 2005

File: Intelligent Design.pdf Desc: Description: Size: 55673

URI: <http://hdl.handle.net/1813/2598> Visits: 697

AU: Edelman, Hendrik; Hazen, Dan C. TI: Collection development and management at Cornell : an interim report on activities of the Cornell University Libraries' project for collection development and management, July 1977-June 1979 ; prepared under a grant from the Andrew W. Mellon Foundation KW: collection development; collection management; Andrew W. Mellon; Library IssD: 1979 Pub: Publisher:

ABS: This document covers the first year-and-a-half of the Cornell University Libraries' Project for Collection Development and Management and as such is primarily a statement of the issues that the the Library faced and the investigative design that Edelman proposed to address them. The issues-- decline in acquisitions rates, concern over methodology for funds allocation, library space-- will seem remarkably contemporary. Twenty-five years on, readers will be struck by the writers' confidence that all research library activity derived from the collections and that their description, evaluation and planning would, necessarily, improve services. Collection: Janus Conference on Research Library Collections October 2005

File: Collection Development at Cornell 1979.pdf Desc: Description: Size: 3326501

URI: <http://hdl.handle.net/1813/648> Visits: 871

AU: Feng, Y. T. TI: The Necessity for a Collection Development Policy Statement KW: Libraries; Colelction Development IssD: 1979 Pub: Publisher:

ABS: The heart of the library lies in its collection, and collections have to be built continuously. Budgetary constraints perforce stress the need for better defined collection development policy, although the ultimate goal should be an improvement of library service rather than any reduction of library cost. A written collection development policy facilitates a consistent and balanced growth of library resources, and a dynamic policy is one that evolves as the institution grows. Such as policy is based on the understanding of the needs of the community it serves and seeks to define and limit the goals and objectives of the institution. A collection development statement is not a substitute for books selection; it charts the forest but does not plant the trees. It should be used as a guidepost, not a crutch. Book selection requires judgement and the courage to choose. A sound collection development policy, on the other hand, provides the necessary rationale without which a collection may grow amoebalike, by means of pseudopodia. Collection: Janus Conference on Research Library Collections October 2005

File: The Necessity for a Collection Devel 1.pdf Desc: Description: Size: 479076
URI: <http://hdl.handle.net/1813/655> Visits: 1001

AU: Miller, J. Gormly TI: Collection development and management at Cornell : a concluding report on activities of the Cornell University Libraries' project for collection development and management, July 1979-June 1980, with proposals for future planning
KW: collection development; collection management; Library
IssD: 1981 Pub: Publisher:
ABS: Miller's work addresses two primary audiences, the Andrew W. Mellon Foundation, which funded the two-year study at Cornell, and the University's administrators, who would assess the extent to which they would underwrite the report's recommendations. It lays out a series of activities that the library conducted to measure the Project's research design and makes specific recommendations for the organization, selection policy, budget control and planning of collection development at Cornell. The report's scope and tone-- whose principal leitmotifs are limits, controls and bounds-- contrasts sharply with the optimism of the interim report, written two years earlier. Collection: Janus Conference on Research Library Collections October 2005

File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/649> Visits: 973

AU: Mosher, Paul H. TI: Collection Evaluation in Research Libraries: The Search for Quality, Consistency, and System in Collection Development
KW: Libraries; Collection Development
IssD: 1979 Pub: Publisher:

ABS: The history, literature, and methodology of collection evaluation or assessment in American research libraries are reviewed, current problems, tools, and methodology of evaluation are discussed; and an ongoing collection evaluation program at Stanford University Libraries is described. Collection: Janus Conference on Research Library Collections October 2005

File: Collection Evaluation in Research Libraries 1.pdf Desc: Description: Size: 1144596
URI: <http://hdl.handle.net/1813/647> Visits: 674

AU: Osburn, Charles B. TI: Some Practical Observations on the Writing, Implementation, and Revision of Collection Development Policy. KW: Libraries; Collection Development
IssD: 1979 Pub: Publisher:

ABS: This paper was conceived in the context of the "RTSD Guidelines for the Formulation of Collection Development Policies." It describes fundamental qualities of policy applicable to all kinds of libraries and recommends a step-by-step process leading to the the successful realization of policy planning. Placing an emphasis on the values of the process itself, the paper also suggests implications for collection development personnel and for the library as an organization, when a working policy is adapted. Collection: Janus Conference on Research Library Collections October 2005

File: license.txt Desc: Description: Size: 1796
URI: <http://hdl.handle.net/1813/645> Visits: 785

AU: Sandler, Mark TI: Collection Development in the Day of Google KW: Collection Development
IssD: 2005-11-30 Pub: Publisher:

ABS: The powerpoint presentation given by Mark Sandler at the Janus Conference on Research Library Collections, October 10, 2005. Collection: Janus Conference on Research Library Collections October 2005

File: Sandler-Cornell2.ppt Desc: Description: Size: 1773568
URI: <http://hdl.handle.net/1813/2529> Visits: 886

AU: Bernier, Joel V.; Miller, Matthew P. TI: A direct method for the determination of the mean orientation-dependent elastic KW: orientation-dependent elastic strains; orientation-dependent stresses; polycrystalline materials; strain pole figures IssD: 2006
Pub: Publisher:

ABS: A salient manifestation of Collection: Journal Articles
File: cg5029_bernier_miller.pdf Desc: Description: Size: 890604
URI: <http://hdl.handle.net/1813/3019> Visits: 116

AU: Global Performing Arts Consortium; Brazell, Karen; Bethe, Monica; Fang, Tang; Wong, Mien; Lento, Thomas; McKee, Kumiko; Young, Joshua; Specter, Susan; Atkins, Paul TI: Japanese Performing Arts Resource Center, September 2005 KW: performing arts; theatre; Japan; Noh; plays; video; masks; costuming; Tale of Heike; Atsumori; theater; stage IssD: 1999 Pub: Publisher:

ABS: This is an archive copy, from September 2005, of the Collection: JPARC (Japanese Performing Arts Resource Center)
File: Jparc_Sept2005.zip Desc: Description: zipped folder of site files; open "index.html" to navigate Size: 36803387
URI: <http://hdl.handle.net/1813/2272> Visits: 588

AU: Fry, W. E.; Milgroom, M. G.; Doster, M. A.; Bruhn, J. A.; Bruck, R. I.; Goldfarb, Joshua; Arneson, Phil TI: Java Lateblight Simulation KW: lateblight; simulation IssD: 2002 Pub: Publisher:

ABS: Collection: Lateblight Simulation Software
File: LateBlight.java Desc: Description: Java program Size: 123407
URI: <http://hdl.handle.net/1813/2499> Visits: 545

AU: Fry, W. E.; Milgroom, M. G.; Doster, M. A.; Bruhn, J. A.; Bruck, R. I.; Ticknor, Barr; Arneson, Phil TI: C Lateblight Simulation KW: lateblight; simulation IssD: 1991 Pub: Publisher:

ABS: Collection: Lateblight Simulation Software
File: BLIGHT.C Desc: Description: C program Size: 62035
URI: <http://hdl.handle.net/1813/2500> Visits: 548

AU: Germain, Claire TI: Digital Legal Information: Ensuring Access To The "Official" Word Of The Law KW: Legal Research and Bibliography IssD: 1999-07 Pub: Publisher:

ABS: In the United States today, digital versions of current decisions, bills, statutes, and regulations issued by federal and state entities are widely available on publicly accessible Internet Web sites. Worldwide, official legal information issued by international organizations and foreign governments is also becoming available on the Web. However, there are currently no standards for the production and authentication of digital documents. Moreover, the information is sometimes available only for a short time and then disappears from the site. Most of that digital information provides only a right of access, and no ownership, or control over the data, unless it is downloaded on a server, or stored on a CD. The long-term access to digital legal information is a matter of concern. What is at stake is the transmission of official documents, "the word of the law," to future generations. Collection: Law School Faculty Papers

File: Digital legal information.rtf Desc: Description: Size: 29252
URI: <http://hdl.handle.net/1813/2609> Visits: 374

AU: Dadlani, Manoj TI: IMAGE PROCESSING OF DNA NANOBARCODE KW: Image Processing; DNA IssD: 2005-08-11 Pub: Publisher:

ABS: An image processing software package was designed to assign clearly distinguishable colors to DNA nanobarcode probes labeled with varying ratios of red and green fluorescent dyes. The DNA nanobarcode probes were produced using novel tri-strand Y-shaped DNA secondary structures. These Y-shaped DNA structures are multivalent and anisotropic, allowing for specific and controlled hybridization to other Y-shaped DNA building blocks to create a dendrimer-like DNA structure (DL-DNA). Here, the image processing of fluorescence-intensity-encoded nanobarcodes was explored using the MATLAB software environment. DNA nanobarcodes were created with varying green:red intensity ratios: 4G1R (4 green : 1 red), 2G1R, 1G1R, 1G2R and 1G4R. Additionally, these nanobarcodes incorporated specific molecular probes to target the DNA of bacillus anthracis (anthrax), francisella tularensis (?rabbit fever?), Ebola virus, a positive control and corona virus (SARS) respectively. Fluorescence was amplified by attaching DL-DNA to polystyrene beads through biotin-avidin interactions. The nanobarcodes were visualized using a fluorescent microscope and pseudocolor images were obtained. These images were easy to distinguish for 4G1R (bright green) and 1G4R (bright red), but were difficult to distinguish for other ratios which showed up as different shades of yellow, green and orange. Using the image processing software, these nanobarcodes were assigned highly distinguishable colors based on their green:red intensity ratio, allowing for easy and fast visual identification of the pathogens targeted. With further development, this software package will be able to assign at least 25 different and visually distinguishable colors for two and three fluorescent dyes arranged in varying ratios to create high throughput visual screening of harmful pathogens. Collection: M.Eng Projects

File: MEng Final Thesis.pdf Desc: Description: Size: 556407
URI: <http://hdl.handle.net/1813/2148> Visits: 736

AU: Duffany, Matthew TI: Simulated Mean Annual and Extreme Event Runoff Loads of Herbicides Commonly Used in Urban Areas Throughout the United States KW: pesticide; herbicide; runoff IssD: 2005-04-29 Pub: Publisher:

ABS: The runoff of thirty turf herbicides commonly used on lawns, parks, and golf course fairways and greens throughout the United States was simulated using the TurfPQ model. The model was used to obtain ninety nine years of daily water input, water runoff, and herbicide runoff for ten locations: Boston, MA, Charlotte, NC, Denver, CO, Houston, TX, Indianapolis, IN, Jacksonville, FL, Los Angeles, CA, Minneapolis, MN, Portland, OR, and Wichita, KS. Results were summarized as mean annual herbicide runoff loads (g/ha), extreme event herbicide runoff loads corresponding to a 20 year return period (g/ha), mean herbicide runoff as a percentage of annual application, extreme event herbicide runoff as a percentage of annual application, mean annual water input (mm), and mean annual water runoff (mm). Urban areas that produced the highest herbicide runoff loads based on surface runoff were Boston, Charlotte, Houston, Indianapolis, and Jacksonville. Mean annual runoff loads did not surpass 3.4% of the annual herbicide application with most instances considerably less than 1%. Extreme event runoff loads did not surpass 9% of the annual herbicide application but were highly variable and appear to have been very dependent

on both location and herbicide. The runoff loads of atrazine, bensulide, DSMA, ethofumesate, napropamide, pendimethalin, and siduron were the largest per hectare. Siduron has the most massive runoff load, which is mainly due to the large amount of the herbicide that is applied annually. Herbicides whose runoff loads contained 3.5% or more of the applied annual amount in one or more simulated event include 2,4-D, atrazine, bentazon, dicamba, ethofumesate, halosulfuron, imazaquin, MCPA, MCPP, quinclorac, siduron, simazine, and triclopyr. These herbicides have the most potential for surface runoff in extreme events. A common factor for these herbicides was low organic carbon partition coefficient values. Collection: M.Eng Projects
File: Duffany_M_M.Eng._Final_Report.4.27.05.doc Desc: Description: Size: 1218560
URI: <http://hdl.handle.net/1813/1104> Visits: 844

AU: Inglis, Scott TI: Settling Characteristics of Sands Contained in Anaerobically Digested Dairy Manures KW: IssD: 2006-05-22 Pub: Publisher:
ABS: Today's dairy producers desire to maximize cow comfort and manage the nutrients in manure in an environmentally sound manner. Many dairy farmers would like to use sand for bedding in their freestall barns because of the increased comfort it provides for cows. A negative aspect is that sand bedding inherently mixes with manure to form sand-laden dairy (SLD) manure, which has historically been difficult to deal with effectively. Dairy farmers are increasingly using biological digester systems as a means to control odor and to reduce the potential for environmental pollution (Wright et al., 1999; Parsons, 1984). Anaerobic digesters biologically convert or digest wastes and agricultural byproducts in the absence of oxygen into biogas, a combination of methane and carbon dioxide gases over a period of fifteen to twenty days (Parsons, 1984). These systems can experience failure due to the bedding sand collecting as settled material within the digester, with no easy means for removal. Collection: M.Eng Projects
File: Inglis Thesis Final.doc Desc: Description: Size: 373248
URI: <http://hdl.handle.net/1813/3038> Visits: 123

AU: Kumar, Vivek; Robert, Lo; Linda, Tsang TI: An Analysis of the Consumption Demand Data on The DLA's Lead-time Forecast Accuracy KW: forecast; forecast accuracy; fourier; double exponential smoothing IssD: 2005-05-20 Pub: Publisher:
ABS: The Defense Logistics Agency generates forecasts for demand from military service warehouses (wholesale demand) using a double exponential smoothing (DES) forecasting model. However, the Agency will be moving to a Fourier forecasting model, which explicitly accounts for seasonality in demand data. We found that obtaining additional demand data from the military maintenance centers (consumption demand) will improve lead-time forecast accuracy in both forecasting models. In addition, we found that different incorporations of the consumption demand data are needed depending on the accuracy metric utilized. Collection: M.Eng Projects
File: 2005 MEng Project Report - LMI.pdf Desc: Description: 2005 MEng Project Report - LMI Size: 1369461
URI: <http://hdl.handle.net/1813/1342> Visits: 818

AU: Lambert, William TI: A Thermal Model to Optimize Performance in Green Roofs KW: green roof; energy model; sustainable; thermal modeling IssD: 2006-04-25 Pub: Publisher:

ABS: There is currently a lack of a comprehensive energy model for extensive green roof systems. To rectify this, a lumped parameter, one dimensional, time dependent thermal model and subsequent computer program were created to calculate temperature profiles and heat fluxes in extensive green roofs. It was found that varying the plant and soil characteristics did not have a significant effect on the temperature profile of the system. Additionally it was found through a flux analysis that utilizing a green roof produces significant energy savings. The created model allows the user to easily vary all the parameters and model any location. Collection: M.Eng Projects
File: MENG Paper.doc Desc: Description: WORD Version Size: 68643328
URI: <http://hdl.handle.net/1813/2880> Visits: 246

AU: Lee, Daniel Tse Wen TI: Studies Involving the Effect of Organic Solvents on Liposome-based Lateral-flow and Silica-coated Magnetic Bead Assays KW: ethanol; liposome; silica; RNA detection; biosensor IssD: 2005-05-20 Pub: Publisher:

ABS: The ubiquitous threat of Escherichia coli (E. coli) O157:H7 as an enterohemorrhagic pathogen to humans has challenged scientists worldwide to develop a biosensor that would accurately and efficiently detect the bacteria in the environment. This research involved modifications made to the liposome-based RNA biosensor developed in Baemner et al., 2003. The goal was to investigate the effect of alcohols on the lateral-flow assay with the ultimate objective of developing a silica-coated magnetic bead biosensor based on integrated RNA isolation and detection. Both isolation and detection are carried out in the presence of 40 % ethanol, which immobilizes RNA onto silica. Detection is done through hybridization between the target RNA, reporter probe and dye-encapsulating liposome. If successful, this biosensor would be able to isolate E. coli O157:H7 mRNA for the heat shock gene and detect for viable bacteria in one step. The project was thus divided into two segments: The effect of ethanol on the lateral-flow biosensor assay was first investigated, after which the principle of bead assay was studied. Interestingly, it was found that 33 % ethanol in the hybridization buffer and 20 % ethanol in the running buffer created conditions in the lateral-flow assay that increased the overall signal to noise ratio from 1.46 to 3.66, or 2.5 times, when 50 fmol target sequence was used. Further investigations with other target analytes and over a broader range of target concentrations are needed, and will likely lead to an improved standard lateral-flow assay with significantly lowered limits of detection. Secondly, the principle of the integrated RNA isolation and detection bead-assay was proven, and the amount of background RNA and silica-coated magnetic beads optimized. However, the signals obtained were affected negatively by very high background noise and high standard deviations. A great deal of research into this type of assay is still needed in order to transform it into a viable assay. Collection: M.Eng Projects
File: MEng Thesis.doc Desc: Description: Size: 6203392
URI: <http://hdl.handle.net/1813/1343> Visits: 819

AU: Lee, Jennifer TI: DESIGN AND OPTIMIZATION OF A BIOSENSOR FOR THE DETECTION AND QUANTIFICATION OF T-LYMPHOCYTES KW: Biosensor IssD: 2005-05-14 Pub: Publisher:

ABS: In health care, cell enumeration by immunophenotyping has been crucial in diagnosing and treating patients with HIV, leukemia, or bone marrow transplantation. One key use of immunophenotyping is for detection of HIV. The increase in the number of HIV in blood leads to a significant drop in one subset of leukocyte, the T helper cells (CD4 cells), in the patient's blood. Detection and quantification of CD4

cells are thus important measures for the indication of HIV infection. Many immunophenotyping techniques have been developed in the past but the flow cytometry has stood out as the golden standard. Flow cytometric immunophenotyping uses the receptor proteins present on the T-helper cells, CD3, CD4, and CD45 for quantification. This technique, however, is very c

Collection: M.Eng Projects
File: Thesis Title Pages.doc Desc: Description: Title page and abstract Size: 45568
URI: <http://hdl.handle.net/1813/1289> Visits: 831

AU: Lee, Travis TI: A Microfluidic Approach to Enzyme Linked Immunosorbent Assays
KW: IssD: 2006-05-11 Pub: Publisher:

ABS: The Enzyme-Linked Immunosorbent Assay (ELISA) is a biochemical technique that is useful for diagnosing disease and infection by detecting antigens/antibodies in a sample. Studying assay design is important in designing an optimal and cost-effective assay which comprises short processing times, small reagent consumption, and portability. The primary objective of this study was to design and test a

Collection: M.Eng Projects
File: license.txt Desc: Description: Size: 1796
URI: <http://hdl.handle.net/1813/3020> Visits: 116

AU: Ling, Tzufan TI: LASER INDUCED LYSIS OF ESCHERICHIA COLI CELLS AND BACILLUS SUBTILIS SPORES
KW: cell lysis; laser; microfluidics IssD: 2005-08-04 Pub: Publisher:

ABS: The principle of laser induced cell/spore lysis was explored in this project. E. coli K12 and B. subtilis spores were chosen as the target analytes. The lasers available for testing were of wavelength 980nm and 1480nm. As a proof of concept, a 2uL droplet of E. coli culture in nutrient broth was placed on a hydrophobic surface. The tip of the laser fiber was placed directly above the droplet, and the droplet was exposed to 100mW (1480nm) or 200mW (980nm) for 4 minutes. An alternative setup of the droplet testing was also designed to prevent evaporation. The droplet was placed in a well made in 2mm thick PDMS and covered with a glass slide. The laser fiber was placed above the glass slide. The results showed that there was moderated lysis using both lasers. The percentage lysis was greater using 1480nm laser (21%) than the 980nm laser (14%). This was expected since the main cause of cell lysis is due to a sudden increase in temperature. The aqueous nature of cells thus makes the lysis highly dependent on the water absorption coefficient, which is 50 times higher at 1480 nm than at 980 nm. The alternative setup showed slightly less lysis (9% for 980nm). The difference to the droplet experiment results indicates that evaporation occurred during the droplet test which resulted in a smaller test

Collection: M.Eng Projects
File: Ling_MEng_Thesis_Aug_2005.pdf Desc: Description: Size: 794862
URI: <http://hdl.handle.net/1813/2128> Visits: 728

AU: Minchoff, CJ; Gebremedhin, Kifle TI: Economic Feasibility Study for a Centralized Digestion System
KW: Centralized Anaerobic Digestion; Food Waste IssD: 2006-05-22
Pub: Publisher:

ABS: An economic feasibility model for centralization of anaerobic digestion of dairy manure mixed with food waste is developed. The model was converted into a user-friendly, web-based computer program and allows users to input different variables and computes profits or costs of a defined centralized digestion system. Default values are given in the program and can be modified by the user. The model accounts for

various costs including: equipment, transportation, manure, labor, insurance and maintenance, and accounts for revenues from tipping fees, sales of electricity, sales of effluent solids and liquid manure, and sales of excess heat. Tipping fees and sales of liquid manure were the major contributors to the overall revenue with 2,000 or more cows in the system. The largest cost was the price of manure followed by labor costs. Sensitivity analyses were performed to determine the total number of cows required for the enterprise to remain profitable and the percent change in profit, when changes in parameter values were made, one-at-a-time. An example model was run for a cluster of farms and three correctional facilities in Malone, NY, and the operation was found to be economically feasible. Collection: M.Eng Projects

File: Centralized Paper[1]3.doc Desc: Description: Main Paper Size: 2289664

URI: <http://hdl.handle.net/1813/3042> Visits: 125

AU: Padron, Sonya TI: BEHAVIORAL RESPONSES OF PANAEUS VANNAMEI TO INCREASED RESTING AREAS AS AFFECTED BY STOCKING DENSITY KW: recirculating; stocking density IssD: 2006-01 Pub: Publisher:

ABS: An observational study was constructed to determine the behavioral effects on *Penaeus vannamei* of shelf addition to densely stocked aquaria. Trials were conducted in a recirculating system at the University of Southern Mississippi's Gulf Coast Research Lab in Ocean Springs, Mississippi. Initial studies focused on the addition of multiple stacked-shelf units into six low density (77 shrimp per square meter) rearing tanks. Observing zero shrimp occupancy on the stacked shelving units, two alternate scenarios were constructed. Long, single shelves made of either white corrugated plastic or standard black mesh nylon screen were introduced into tanks. Shrimp reaction to shelves was observed for four stocking densities: 77, 179, 407 and 623 shrimp per square meter. Shrimp density was increased during a five-day period and shrimp behavior was noted as either swimming, on shelf, or on floor in five-minute increments during hour blocks from July 6-9th, 2002. Increased stocking densities positively correlated with an observed increase of shrimp occupancy on single shelf units. Preference for mesh-shelf over solid-shelf units occurred at the highest stocking density of 623 shrimp per square meter. Collection: M.Eng Projects

File: Sonya_Padron_MEng_Report.doc Desc: Description: Size: 3301888

URI: <http://hdl.handle.net/1813/2651> Visits: 288

AU: Urbanowicz, Ryan TI: REASSESSMENT OF A GANGLIOSIDE-LIPOSOME BIOSENSOR KW: Biosensor; Botulinum toxin IssD: 2005-05-13 Pub: Publisher:

ABS: Botulism, the disease caused by the introduction of botulinum toxin (BT) into the body, is a rare but severe ailment that frequently results in death from respiratory failure. Cholera, the disease caused by the introduction of cholera toxin (CT) into the body, is a much more common problem in third world Collection: M.Eng Projects

File: THESIS Part 1 opening.doc Desc: Description: Thesis Part 1 Size: 23552

URI: <http://hdl.handle.net/1813/1232> Visits: 849

AU: MacDougall, Bonnie TI: Juntar Mantar: Architecture, Astronomy, and Solar Kingship in Princely India KW: Architecture; South Asian; India; Astronomy; Hindu; Maharaja Jai Singh; Jaipur IssD: 1996 Pub: Publisher:

ABS: The gigantic masonry astronomical instruments built by the Maharaja Jai Singh of Jaipur are among the most startling and visually compelling monuments in the entire Indian architectural record. The power of these astronomical instruments to arrest the

viewer derives in part from their stylistic departure from the rest of the Indian architectural legacy, especially traditional Hindu forms. Collection: MacDougall South Asian Architecture Collection

File: Jantar_Mantar.pdf Desc: Description: Size: 8171189

URI: <http://hdl.handle.net/1813/2977> Visits: 142

AU: MacDougall, Robert D.; MacDougall, Bonnie G. TI: Sinhalese Domestic Life In Space and Time KW: Sinhalese (Sri Lankan people); Dwellings; Architecture, Domestic; Sri Lanka; Kandy; Social life and customs IssD: 1977 Pub: Publisher:

ABS: This is a report on the content, organization and use of Sinhalese domestic space. It is based on research carried out in 1965 and 1968 in a contemporary but traditional community (hereafter called Rangama, a pseudonym) which is located in a remote area of the Kandyan highlands in Central Sri Lanka (formerly Ceylon). Collection: MacDougall South Asian Architecture Collection

File: End_Matter.pdf Desc: Description: End Matter Size: 860178

URI: <http://hdl.handle.net/1813/3025> Visits: 184

AU: Barrett, Christopher B. TI: Food aid after fifty years : recasting its role KW: Food Aid; Video IssD: 2006-03-15 Pub: Publisher:

ABS: Video recording of Christopher B. Barrett's talk about his book "Food aid after fifty years : recasting its role." Talk was held at Cornell University's Albert R. Mann Library on February 7, 2006. Collection: Mann Chats in the Stacks

File: BookTalk-02-07-2006.mov Desc: Description: Size: 97202845

URI: <http://hdl.handle.net/1813/2708> Visits: 438

AU: Stewart, Linda; Paulson, Joy TI: The Core Historical Literature of Agriculture: Agricultural History Rejuvenated for Today's Users KW: Agriculture; History; CHLA; Literature IssD: 2005 Pub: Publisher:

ABS: Collection: Mann Library Staff Publications

File: Core Historical Literature of Agriculture.pdf Desc: Description: Size: 775322

URI: <http://hdl.handle.net/1813/2268> Visits: 427

AU: Bouldin, David TI: Manuscripts and Water Quality Data for Watersheds and Lakes in Central NY, 1972-2003 KW: Fall Creek; Cayuga Lake; Harford T & R Center; Kashong Creek; NY Finger Lakes; Finger Lakes; N,P and Sediment, Fall Creek; Road Salt; Tompkins Co., NY; Cortland Co., NY; Cayuga Co., NY; Yates Co., NY; Ontario Co., NY IssD: 2005-12-13 Pub: Publisher:

ABS: David Bouldin, Emeritus Prof Collection: Manuscripts and Water Quality Data

File: intro.doc Desc: Description: Introduction Size: 25600

URI: <http://hdl.handle.net/1813/2547> Visits: 859

AU: TI: 99-468*A Asphodeline lutea KW: Asphodeline lutea; Asphodel; Asphodelacea; Mediterranean; The Plantsmen Nursery IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-468_FL.jpg Desc: Description: Image of Flower Size: 555587

URI: <http://hdl.handle.net/1813/980> Visits: 577

AU: TI: 98-271*A Rosa 'Herbstfeuer' KW: Rosaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-271A_PL.jpg Desc: Description: Size: 518884
URI: <http://hdl.handle.net/1813/1958> Visits: 126

AU: TI: 99-243*A *Leucanthemum xsuperbum* 'Tinkerbelle' KW: Asteraceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-243A_FL.jpg Desc: Description: Size: 362606

URI: <http://hdl.handle.net/1813/1991> Visits: 249

AU: TI: 99-503*A *Campanula latifolia* 'Brantwood' KW: Campanulaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-503A_PL.jpg Desc: Description: Size: 627292

URI: <http://hdl.handle.net/1813/1998> Visits: 699

AU: TI: 97-355*A *Paeonia* 'Raspberry Sundae' KW: Paeoniaceae IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-355A_FL.jpg Desc: Description: Size: 288226

URI: <http://hdl.handle.net/1813/1949> Visits: 103

AU: TI: 01-452*A *Phlox paniculata* 'Starfire' KW: Polemoniaceae IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 01-452A_FL.jpg Desc: Description: Size: 374137

URI: <http://hdl.handle.net/1813/1926> Visits: 233

AU: TI: 89-090*A *Leucanthemum xsuperbum* 'Alaska' KW: Asteraceae IssD: 2003-07-14 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 89-090A_FL.jpg Desc: Description: Size: 263267

URI: <http://hdl.handle.net/1813/1936> Visits: 107

AU: TI: 98-567*A *Phlox paniculata* 'Nicky' KW: Polemoniaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-567_FL.jpg Desc: Description: Size: 308548

URI: <http://hdl.handle.net/1813/1984> Visits: 284

AU: TI: 99-482*A *Eremurus stenophyllus* ssp. *stenophyllus* KW: Asphodelaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-482A_FL1.jpg Desc: Description: Size: 532628

URI: <http://hdl.handle.net/1813/1996> Visits: 707

AU: TI: 97-222*A *Lobelia xspeciosa* 'Russian Princess' KW: Lobeliaceae IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-222A_FL.jpg Desc: Description: Size: 267593

URI: <http://hdl.handle.net/1813/1943> Visits: 179

AU: TI: 98-486*A *Iris pallida* 'Variegata' KW: Iridaceae IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-486A_FL.jpg Desc: Description: Size: 390247
URI: <http://hdl.handle.net/1813/1974> Visits: 144

AU: TI: 98-266*A *Rosa* (Explorer Series) A. MacKenzie KW: *Rosa*; Explorer Series; Alex MacKenzie; Rosaceae; Shrub Rose IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-266_FL.jpg Desc: Description: Image of Flower Size: 298781
URI: <http://hdl.handle.net/1813/1060> Visits: 158

AU: TI: 99-473*A *Muscari armeniacum* 'Valerie Finnis' KW: *Muscari armeniacum*; Valerie Finnis; Liliaceae; Grape Hyacinth; Van Bourgondien IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/712> Visits: 590

AU: TI: 01-428*A *Lilium lancifolium* KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 01-428A_FL.jpg Desc: Description: Size: 359192
URI: <http://hdl.handle.net/1813/1924> Visits: 337

AU: TI: 99-476*A *Narcissus* 'Tripartite' KW: *Narcissus*; Tripartite; Amaryllidaceae; Daffodil; Van Bourgondien IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 99-476A_FL.jpg Desc: Description: Image of Flower Size: 406610
URI: <http://hdl.handle.net/1813/1038> Visits: 592

AU: TI: 99-199*B *Geranium* 'Patricia' KW: *Geranium*; Patricia; Geraniaceae; Cranesbill; Van Bourgondien IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 99-199B_FL.jpg Desc: Description: Image of Flower Size: 296851
URI: <http://hdl.handle.net/1813/1067> Visits: 222

AU: TI: 98-536*A *Fritillaria imperialis* 'Maxima Lutea' KW: *Fritillaria imperialis*; Maxima Lutea; Liliaceae; Yellow-Flowered Crown; Imperial; The Daffodil Mart IssD: 2003-05-09 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-536A_PL.jpg Desc: Description: Image of Plant Size: 580577
URI: <http://hdl.handle.net/1813/709> Visits: 301

AU: TI: 98-525*A *Allium atropurpureum* KW: Liliaceae IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-525_FL.jpg Desc: Description: Size: 405576
URI: <http://hdl.handle.net/1813/1980> Visits: 135

AU: TI: 97-405*A Rosa (Explorer Series) A. MacKenzie KW: Rosaceae IssD: 2003-06-30
Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-405A_FL.jpg Desc: Description: Size: 396521

URI: <http://hdl.handle.net/1813/1953> Visits: 110

AU: TI: 89-091*A Veronica austriaca ssp. teucrium 'Crater Lake Blue' KW:
Scrophulariaceae IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 89-091A_FL.jpg Desc: Description: Size: 345365

URI: <http://hdl.handle.net/1813/1937> Visits: 114

AU: TI: 98-263*C Rosa 'Harison's Yellow' KW: Rosaceae IssD: 2003-06-10 Pub:
Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-263C_FL.jpg Desc: Description: Size: 377867

URI: <http://hdl.handle.net/1813/1954> Visits: 125

AU: TI: 82-121*A Trollius ledebourii 'Golden Queen' KW: Trollius ledebourii; Golden
Queen; Ranunculaceae; Globe Flower; Carrol Gardens IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 82-121A_FL.jpg Desc: Description: Image of Flower Size: 431964

URI: <http://hdl.handle.net/1813/757> Visits: 150

AU: TI: 81-450*A Iris 'Am I Blue' KW: Iridaceae IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 81-450A_PL.jpg Desc: Description: Size: 494564

URI: <http://hdl.handle.net/1813/1928> Visits: 102

AU: TI: 00-262*A Rosa 'Delicata' KW: Rosaceae IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 00-262A_FL.jpg Desc: Description: Size: 396476

URI: <http://hdl.handle.net/1813/1921> Visits: 632

AU: TI: 97-260*A Monarda didyma 'Raspberry Wine' KW: Lamiaceae IssD: 2003-07-28
Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-260A_FL.jpg Desc: Description: Size: 393531

URI: <http://hdl.handle.net/1813/1946> Visits: 130

AU: TI: 86-083*A Allium pulchellum KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 86-083A_FL.jpg Desc: Description: Size: 360328

URI: <http://hdl.handle.net/1813/1932> Visits: 107

AU: TI: 98-300*A Gypsophila paniculata 'Viette's Dwarf' KW: Caryophyllaceae IssD:
2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-300_FL.jpg Desc: Description: Size: 327241
URI: <http://hdl.handle.net/1813/1961> Visits: 122

AU: TI: 90-203*A Myrrhis odorata KW: Apiaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 90-203A_FR.jpg Desc: Description: Size: 407807
URI: <http://hdl.handle.net/1813/1939> Visits: 104

AU: TI: 82-121*A Trollius ledebourii 'Golden Queen' KW: Trollius ledebourii; Golden Queen; Ranunculaceae; Globe Flower; Carrol Gardens IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 82-121A_FL.jpg Desc: Description: Image of Flower Size: 221199
URI: <http://hdl.handle.net/1813/961> Visits: 141

AU: TI: 99-198*A Geranium psilostemon 'Ivan' KW: Geranium psilostemon; Ivan; Geraniaceae; Cranesbill; Roslyn Nursery IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 99-198A_FL.jpg Desc: Description: Image of Flower Size: 279521
URI: <http://hdl.handle.net/1813/1066> Visits: 261

AU: TI: 98-420*A Coreopsis verticillata 'Moonbeam' KW: Asteraceae IssD: 2003-07-07
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-420A_FL.jpg Desc: Description: Size: 386035
URI: <http://hdl.handle.net/1813/1965> Visits: 140

AU: TI: 99-446*A Viola labradorica KW: Viola labradorica; Violaceae; Labrador Violet; Newfoundland; New Hampshire; Minnesota IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 99-446A_FL.jpg Desc: Description: Image of Flower Size: 416105
URI: <http://hdl.handle.net/1813/768> Visits: 559

AU: TI: 98-417*A Astilbe xarensii 'Red Sentinel' KW: Saxifragaceae IssD: 2007-07-07
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-417A_FL.jpg Desc: Description: Size: 460928
URI: <http://hdl.handle.net/1813/1964> Visits: 1737

AU: TI: 00-265*A Rosa Rosarium Uetersen (R) KW: Rosaceae IssD: 2003-06-30 Pub:
Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 00-265A_FL.jpg Desc: Description: Size: 347870
URI: <http://hdl.handle.net/1813/1922> Visits: 511

AU: TI: 99-224*A Clematis integrifolia 'Caerulea' KW: Ranunculaceae IssD: 2003-06-23
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 99-224A_FL.jpg Desc: Description: Size: 377784
URI: <http://hdl.handle.net/1813/1990> Visits: 222

AU: TI: 97-357*A *Paeonia lactiflora* 'Bride's Dream' KW: Paeoniaceae IssD: 2003-06-16
Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-357_FL.jpg Desc: Description: Size: 298459

URI: <http://hdl.handle.net/1813/1951> Visits: 120

AU: TI: 97-221*A *Astilbe* 'Red Ostrich Plume' KW: Saxifragaceae IssD: 2003-07-07 Pub:
Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-221A_FL.jpg Desc: Description: Size: 559431

URI: <http://hdl.handle.net/1813/1942> Visits: 113

AU: TI: 99-448*A *Ligularia xpalmatiloba* KW: Asteraceae IssD: 2003-07-29 Pub:
Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-448A_FL.jpg Desc: Description: Size: 278801

URI: <http://hdl.handle.net/1813/1994> Visits: 608

AU: TI: *Paeonia lactiflora* 'Mrs. Franklin D. Roosevelt' Gold Medal KW: Paeoniaceae
IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-354A_FL.jpg Desc: Description: Size: 301488

URI: <http://hdl.handle.net/1813/1948> Visits: 777

AU: TI: 90-025*B *Euphorbia corollata* KW: Euphorbiaceae IssD: 2003-07-28 Pub:
Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 90-025B_FL.jpg Desc: Description: Size: 230747

URI: <http://hdl.handle.net/1813/1938> Visits: 117

AU: TI: 97-396*A *Rosa* 'Ballerina' KW: *Rosa*; *Ballerina*; Rosaceae; Musk Rose; Wayside
Gardens IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-396A_FL.jpg Desc: Description: Image of Flower Size: 392241

URI: <http://hdl.handle.net/1813/1054> Visits: 131

AU: TI: 99-280*A *Delphinium* 'Black Knight' KW: Ranunculaceae IssD: 2003-06-30 Pub:
Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-280A_FL.jpg Desc: Description: Size: 290459

URI: <http://hdl.handle.net/1813/1993> Visits: 262

AU: TI: 01-449*A *Dianthus deltoides* KW: Caryophyllaceae IssD: 2003-06-10 Pub:
Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 01-449A_FL.jpg Desc: Description: Size: 480802

URI: <http://hdl.handle.net/1813/1925> Visits: 209

AU: TI: 98-506*A Heuchera 'Chocolate Ruffles' KW: Saxifragaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-506A_PL.jpg Desc: Description: Size: 582118

URI: <http://hdl.handle.net/1813/1977> Visits: 166

AU: TI: 97-219*A Phlox tuberosa 'Amazone' KW: Labiatae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-219_FL.jpg Desc: Description: Size: 587971

URI: <http://hdl.handle.net/1813/1941> Visits: 118

AU: TI: 99-446*B Viola labradorica KW: Viola labradorica; Violaceae; Labrador Violet; Newfoundland; Eastern United States; The Plantsmen IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-446B_PL.jpg Desc: Description: Image of Plant Size: 432691

URI: <http://hdl.handle.net/1813/1037> Visits: 466

AU: TI: 99-449*A Delphinium (Belladonna Group) 'Cliveden Beauty' KW: Ranunculaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-449A_FL.jpg Desc: Description: Size: 460718

URI: <http://hdl.handle.net/1813/1995> Visits: 665

AU: TI: 99-244*A Delphinium xbelladonna 'Bellamosum' KW: Ranunculaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-244A_FL.jpg Desc: Description: Size: 362069

URI: <http://hdl.handle.net/1813/1992> Visits: 224

AU: TI: 99-235*A Geranium xoxonianum 'Phoebe Noble' KW: Geranium xoxonianum; Phoebe Noble; Geraniaceae; Cranesbill; Heronswood Nursery IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-235_FL.jpg Desc: Description: Image of Flower Size: 281239

URI: <http://hdl.handle.net/1813/1068> Visits: 385

AU: TI: 98-524*B Allium aflatunense 'Purple Sensation' KW: Allium aflatunense; Purple Sensation; Liliaceae; The Daffodil Mart IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-524B_FL.jpg Desc: Description: Image of Flower Size: 447231

URI: <http://hdl.handle.net/1813/979> Visits: 195

AU: TI: 98-274*A Rosa (Explorer Series) 'Charles Alban' KW: Rosaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-274A_FL.jpg Desc: Description: Size: 529117

URI: <http://hdl.handle.net/1813/1959> Visits: 123

AU: TI: 97-353*A *Paeonia lactiflora* 'Moon River' KW: Paeoniaceae IssD: 2003-07-16
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 97-353A_FL.jpg Desc: Description: Size: 283055
URI: <http://hdl.handle.net/1813/1947> Visits: 118

AU: TI: 99-213*A *Heuchera* 'Petite Marbled Burgundy' KW: Saxifragaceae IssD: 2003-06-23
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 99-213A_PL.jpg Desc: Description: Size: 477767
URI: <http://hdl.handle.net/1813/1989> Visits: 227

AU: TI: 98-470*A *Campanula takesimana* 'Elizabeth' KW: Campanula takesimana; Elizabeth; Campanulaceae; Wayside Nursery IssD: 2003-06-30
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-470_FL.jpg Desc: Description: Image of Flower Size: 375795
URI: <http://hdl.handle.net/1813/1063> Visits: 166

AU: TI: 99-217*A *Pulmonaria* 'Majeste' KW: Pulmonaria; Majeste; Boraginaceae; Lungwort; Shady Oaks Nursery IssD: 2003-05-09
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/711> Visits: 350

AU: TI: 82-097*A *Astilbe x arendsii* 'Betsy Cuperis' KW: Saxifragaceae IssD: 2003-07-07
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 82-097A_FL.jpg Desc: Description: Size: 261260
URI: <http://hdl.handle.net/1813/1929> Visits: 117

AU: TI: 01-424*B *Lamium maculatum* 'Pink Pewter' KW: Lamiaceae IssD: 2003-06-16
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 01-424B_FL.jpg Desc: Description: Size: 272429
URI: <http://hdl.handle.net/1813/1923> Visits: 270

AU: TI: 01-433*A *Armeria alpina* KW: Armeria alpina; Plumbaginaceae; Sea Pink; Mountains; Southern Europe; Central Europe; Backer's Acres IssD: 2003-06-02
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 01-433A_PL.jpg Desc: Description: Image of Plant Size: 597125
URI: <http://hdl.handle.net/1813/1073> Visits: 373

AU: TI: 98-527*A *Allium giganteum* KW: Liliaceae IssD: 2003-06-23
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-527A_FL.jpg Desc: Description: Size: 436471
URI: <http://hdl.handle.net/1813/1982> Visits: 132

AU: TI: 99-249*A *Digitalis lutea* 'Grimes Dwarf' KW: *Digitalis lutea*; Grimes Dwarf; Scrophulariaceae; Dwarf Yellow Foxglove; Bluestone Perennials IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-249A_FL.jpg Desc: Description: Image of Flower Size: 355300

URI: <http://hdl.handle.net/1813/1069> Visits: 368

AU: TI: 97-356*A *Paeonia* 'Leda' KW: *Paeonia*; Leda; Paeoniaceae; Tree Peony; Klehm Nursery IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-356_PL.jpg Desc: Description: Image of Plant Size: 608597

URI: <http://hdl.handle.net/1813/1099> Visits: 283

AU: TI: 99-501*A *Scutellaria orientalis* 'Eastern Sun' KW: Lamiaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 99-501_FL.jpg Desc: Description: Size: 367264

URI: <http://hdl.handle.net/1813/1997> Visits: 727

AU: TI: 00-502*B *Cornus alba* 'Bailhalo' Ivory Halo KW: *Cornus alba*; Bailhalo; Cornaceae; Tatarian Dogwood; Ivory Halo; Edgewood Nursery IssD: 2003-06-04 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 00-502B_FO.jpg Desc: Description: Image of Flower Size: 441372

URI: <http://hdl.handle.net/1813/1184> Visits: 643

AU: TI: 87-184*A *Iris sibirica* 'Tycoon' KW: Iridaceae IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 87-184A_FL.jpg Desc: Description: Size: 378263

URI: <http://hdl.handle.net/1813/1935> Visits: 90

AU: TI: 87-181*A *Heuchera* 'Chatterbox' KW: Saxifragaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 87-181A_FL.jpg Desc: Description: Size: 334508

URI: <http://hdl.handle.net/1813/1934> Visits: 101

AU: TI: 98-306*A *Lamium maculatum* 'Shell Pink' KW: *Lamium maculatum*; Shell Pink; Lamiaceae; Mint Family; Dead Nettle IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-306_PL.jpg Desc: Description: Image of Plant Size: 589758

URI: <http://hdl.handle.net/1813/1062> Visits: 188

AU: TI: 90-203*A *Myrrhis odorata* KW: *Myrrhis odorata*; Apiaceae; Sweet Cicely; Europe; Baker's Acres IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 90-203A_FL.jpg Desc: Description: Image of Flower Size: 579974

URI: <http://hdl.handle.net/1813/1027> Visits: 118

AU: TI: 98-272*A Rosa 'Hawkeye Belle' KW: Rosa; Hawkeye Belle; Rosaceae; Shrub Rose; The Roseraie IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-272A_FL.jpg Desc: Description: Image of Flower Size: 236046
URI: <http://hdl.handle.net/1813/1061> Visits: 171

AU: TI: 94-115*A Anthriscus sylvestris 'Ravenswing' KW: Anthriscus sylvestris; Ravenswing; Apiaceae; Cow Parsley; Heronswood Nursery IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 94-115A_PL.jpg Desc: Description: Image of Plant Size: 573212
URI: <http://hdl.handle.net/1813/1030> Visits: 152

AU: TI: 98-532*A Narcissus 'Hawera' KW: Narcissus; Hawera; Amaryllidaceae; Miniature Daffodil; Daffodil Mart IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-532_PL1.jpg Desc: Description: Image of Plant Size: 350844
URI: <http://hdl.handle.net/1813/1036> Visits: 212

AU: TI: 98-504*A Dicentra spectabilis KW: Dicentra spectabilis; Fumariaceae; Bleeding-Heart; Korea; China; Baker's Acres IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-504A_FL.jpg Desc: Description: Image of Flower Size: 405164
URI: <http://hdl.handle.net/1813/1035> Visits: 146

AU: TI: 97-356*A Paeonia 'Leda' KW: Paeoniaceae IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 97-356_FL.jpg Desc: Description: Size: 427506
URI: <http://hdl.handle.net/1813/1950> Visits: 105

AU: TI: 01-453*A Geranium xcantabrigiense 'Karmina' KW: Geraniaceae IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 01-453A_FL.jpg Desc: Description: Size: 383052
URI: <http://hdl.handle.net/1813/1927> Visits: 231

AU: TI: 00-260*A Rosa 'Autumn Sunset' KW: Rosaceae IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 00-260A_FL.jpg Desc: Description: Size: 260838
URI: <http://hdl.handle.net/1813/1920> Visits: 481

AU: TI: 98-424*A Iris 'Cracklin Burgundy' KW: Iridaceae IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-424A_FL.jpg Desc: Description: Size: 384185
URI: <http://hdl.handle.net/1813/1966> Visits: 131

AU: TI: 98-484*A Iris 'Paradise' KW: Iridaceae IssD: 2003-06-16 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-484A_FL.jpg Desc: Description: Size: 334815
URI: <http://hdl.handle.net/1813/1973> Visits: 125

AU: TI: 98-586*B *Dianthus deltoides* 'Arctic Fire' KW: Caryophyllaceae IssD: 2003-06-16
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-586B_FL.jpg Desc: Description: Size: 340702
URI: <http://hdl.handle.net/1813/1987> Visits: 178

AU: TI: 98-513*A *Scabiosa caucasica* KW: Dipsacaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-513A_FL.jpg Desc: Description: Size: 354249
URI: <http://hdl.handle.net/1813/1978> Visits: 129

AU: TI: 98-505*A *Thalictrum rochebruneum* 'Lavender Mist' KW: Ranunculaceae
IssD: 2003-08-05 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-505_FL.jpg Desc: Description: Size: 253067
URI: <http://hdl.handle.net/1813/1976> Visits: 163

AU: TI: 98-568*A *Veronica longifolia* 'Pink Shades' KW: Scrophulariaceae IssD: 2003-07-07
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-568_FL.jpg Desc: Description: Size: 414971
URI: <http://hdl.handle.net/1813/1985> Visits: 226

AU: TI: 98-430*A *Platycodon grandiflorus* 'Mariesii' KW: Campanulaceae IssD: 2003-07-28
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-430A_FL.jpg Desc: Description: Size: 249602
URI: <http://hdl.handle.net/1813/1969> Visits: 137

AU: TI: 98-413*A *Achillea ptarmica* 'Ballerina' KW: Compositae IssD: 2003-08-05 Pub:
Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-413_FL.jpg Desc: Description: Size: 263175
URI: <http://hdl.handle.net/1813/1963> Visits: 159

AU: TI: 98-516*A *Campanula persicifolia* 'Chettle Charm' KW: Campanulaceae IssD:
2003-06-23 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-516_FL.jpg Desc: Description: Size: 329043
URI: <http://hdl.handle.net/1813/1979> Visits: 157

AU: TI: 99-144*A *Weigela florida* 'Alexandra' WINE and ROSES KW: Caprifoliaceae
IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 99-144A_FL.jpg Desc: Description: Size: 368184
URI: <http://hdl.handle.net/1813/1988> Visits: 371

AU: TI: 98-433*A Rudbeckia maxima KW: Asteraceae IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-433A_FL.jpg Desc: Description: Size: 428079
URI: <http://hdl.handle.net/1813/1970> Visits: 134

AU: TI: 98-482*A Iris xgermanica 'Dusky Challenger' KW: Iridaceae IssD: 2003-06-10
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-482A_FL.jpg Desc: Description: Size: 342163
URI: <http://hdl.handle.net/1813/1971> Visits: 141

AU: TI: 98-294*A Corydalis cheilanthifolia KW: Corydalis cheilanthifolia; Fumariaceae;
Western China; Sunny Border Nursery IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-294A_FL.jpg Desc: Description: Image of Flower Size: 448692
URI: <http://hdl.handle.net/1813/1034> Visits: 153

AU: TI: 97-406*A Rosa (Explorer Series) 'Henry Kelsey' KW: Rosa; Explorer Series;
Henry Kelsey; Rosaceae; Hybrid Kordesii Rose IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/1055> Visits: 159

AU: TI: 97-250*A Geranium cinereum var. subacaulescens KW: Geranium cinereum
var. subacaulescens; Cranesbill; Geraniaceae; Balkan Peninsula; Turkey; Milaeger's
Gardens IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 97-250A_FL.jpg Desc: Description: Image of Flower Size: 282292
URI: <http://hdl.handle.net/1813/975> Visits: 152

AU: TI: 86-544*A Digitalis grandiflora KW: Scrophulariaceae IssD: 2003-06-23 Pub:
Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 86-544A_FL.jpg Desc: Description: Size: 329890
URI: <http://hdl.handle.net/1813/1933> Visits: 102

AU: TI: 97-233*A Vinca minor 'Ralph Shugert' KW: Vinca minor; Ralph Shugert;
Apocynaceae; Common Periwinkle; Wayside Gardens IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 97-233A_FL.jpg Desc: Description: Image of Flower Size: 431478
URI: <http://hdl.handle.net/1813/1031> Visits: 154

AU: TI: 98-268*A Rosa (Explorer Series) 'Champlain' KW: Rosaceae IssD: 2003-06-23
Pub: Publisher:
ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-268A_FL.jpg Desc: Description: Size: 404079
URI: <http://hdl.handle.net/1813/1956> Visits: 130

AU: TI: 97-249*A *Eryngium alpinum* 'Blue Star' KW: Apiaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-249A_PL.jpg Desc: Description: Size: 679605

URI: <http://hdl.handle.net/1813/1945> Visits: 117

AU: TI: 98-267*A *Rosa* (Explorer Series) 'Henry Kelsey' KW: Rosaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-267_FL.jpg Desc: Description: Size: 426494

URI: <http://hdl.handle.net/1813/1955> Visits: 122

AU: TI: 97-393*A *Rosa* 'Linda Campbell' KW: Rosaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-393A_FL.jpg Desc: Description: Size: 467852

URI: <http://hdl.handle.net/1813/1952> Visits: 118

AU: TI: 84-060*A *Stokesia laevis* 'Cyanea' KW: Compositae IssD: 2003-07-11 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 84-060_FL.jpg Desc: Description: Size: 318121

URI: <http://hdl.handle.net/1813/1930> Visits: 107

AU: TI: 98-270*A *Rosa* 'Therese Bugnet' KW: Rosaceae IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-270A_FL.jpg Desc: Description: Size: 344541

URI: <http://hdl.handle.net/1813/1957> Visits: 134

AU: TI: 98-429*A *Nepeta* 'Souvenir D'andre Chaudron' KW: Lamiaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-429A_FL.jpg Desc: Description: Size: 358921

URI: <http://hdl.handle.net/1813/1968> Visits: 153

AU: TI: 98-483*A *Iris xgermanica* 'Silverado' KW: Iridaceae IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-483A_PL.jpg Desc: Description: Size: 512616

URI: <http://hdl.handle.net/1813/1972> Visits: 132

AU: TI: 97-237*A *Tradescantia* (Andersoniana Group) 'Zwanenburg Blue' KW: Commelinaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 97-237A_FO.jpg Desc: Description: Size: 479746

URI: <http://hdl.handle.net/1813/1944> Visits: 114

AU: TI: 00-248*A *Campanula poscharskyana* 'Blue Gown' KW: Campanula poscharskyana; Blue Gown; Campanulaceae; Bellflower; White Flower Farm IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 00-248A_FL.jpg Desc: Description: Image of Flower Size: 443249
URI: <http://hdl.handle.net/1813/1040> Visits: 689

AU: TI: 96-461*A Scabiosa 'Butterfly Blue' KW: Dipsacaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 96-461A_FL.jpg Desc: Description: Size: 293594
URI: <http://hdl.handle.net/1813/1940> Visits: 103

AU: TI: 97-390*A Malus 'Lollizam' LOLLIPOP KW: Malus; Lollizam; Rosaceae; Lollipop; Flowering Crabapple; Schmidt's Nursery IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 97-390_FL.jpg Desc: Description: Image of Flower Size: 459808
URI: <http://hdl.handle.net/1813/1032> Visits: 201

AU: TI: 98-299*A Gypsophila paniculata 'Perfekta' KW: Caryophyllaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-299_FL.jpg Desc: Description: Size: 341698
URI: <http://hdl.handle.net/1813/1960> Visits: 126

AU: TI: 84-127*A Rosa 'The Fairy' KW: Rosaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 84-127A_FL.jpg Desc: Description: Size: 368353
URI: <http://hdl.handle.net/1813/1931> Visits: 131

AU: TI: 98-564*B Papaver orientale 'Carneum' KW: Papaveraceae IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-564B_FL.jpg Desc: Description: Size: 298866
URI: <http://hdl.handle.net/1813/1983> Visits: 175

AU: TI: 98-425*A Iris sibirica 'Illini Charm' Ds 433 Notes "award Winning" KW: Iridaceae IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-425A_FL.jpg Desc: Description: Size: 392275
URI: <http://hdl.handle.net/1813/1967> Visits: 128

AU: TI: 98-581*A Campanula persicifolia 'White Bell' KW: Campanulaceae IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-581A_FL.jpg Desc: Description: Size: 263952
URI: <http://hdl.handle.net/1813/1986> Visits: 171

AU: TI: 98-313*A Nepeta xfaassenii 'Walker's Low' KW: Lamiaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden
File: 98-313_FL.jpg Desc: Description: Size: 419624

URI: <http://hdl.handle.net/1813/1962> Visits: 157

AU: TI: 98-497*A *Lilium* 'Tristar' KW: Liliaceae IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-497_FL.jpg Desc: Description: Size: 351634

URI: <http://hdl.handle.net/1813/1975> Visits: 128

AU: TI: 98-526*A *Allium caeruleum* KW: Liliaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Martha Howell Young Decorative Arts Flower Garden

File: 98-526A_FL.jpg Desc: Description: Size: 410042

URI: <http://hdl.handle.net/1813/1981> Visits: 149

AU: TI: 95-037*B *Aesculus parviflora* KW: *Aesculus parviflora*; Bottlebrush buckeye; Hippocastanaceae; Eastern Plant Species IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Mary Rockwell Azalea Garden

File: 95-037B_FL.jpg Desc: Description: Image of Flower Size: 245421

URI: <http://hdl.handle.net/1813/1193> Visits: 609

AU: TI: 94-142*A *Viburnum plicatum* f. *tomentosum* 'Shasta' Gold Medal KW: *Viburnum plicatum* f. *tomentosum*; Shasta; Caprifoliaceae; Doublefile *Viburnum*; Gold Medal; Cayuga Landscape Company IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Mary Rockwell Azalea Garden

File: 94-142A_FR.jpg Desc: Description: Image of Flower Size: 287583

URI: <http://hdl.handle.net/1813/1192> Visits: 895

AU: TI: 95-161*A *Viburnum plicatum* f. *tomentosum* 'Shoshoni' KW: *Viburnum plicatum* f. *tomentosum*; Shoshoni; Caprifoliaceae; Doublefile *Viburnum*; Edgewood Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Mary Rockwell Azalea Garden

File: 95-161A_FR.jpg Desc: Description: Image of Flower Size: 367865

URI: <http://hdl.handle.net/1813/1194> Visits: 835

AU: TI: 95-013*A *Clematis montana* var. *rubens* KW: *Clematis montana* var. *rubens*; Ranunculaceae; Pink Anemone *Clematis*; Central China; Western China; ForestFarm Nursery IssD: 2003-05-20 Pub: Publisher:

ABS: Collection: Mary Rockwell Azalea Garden

File: 95-013A_FL.jpg Desc: Description: Image of Flower Size: 347133

URI: <http://hdl.handle.net/1813/925> Visits: 199

AU: TI: 99-128*A *Hydrangea paniculata* 'White Moth' KW: *Hydrangea paniculata*; White Moth; Saxifragaceae; Panicle *Hydrangea*; Fairweather Gardens Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Mary Rockwell Azalea Garden

File: 99-128C_FL.jpg Desc: Description: Image of Flower Size: 365758

URI: <http://hdl.handle.net/1813/1196> Visits: 931

AU: TI: 98-106*C *Hydrangea quercifolia* 'Sike's Dwarf' KW: *Hydrangea quercifolia*; Sike's Dwarf; Saxifragaceae; Oakleaf *Hydrangea*; Forest Farm Nursery IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Mary Rockwell Azalea Garden
File: 98-106C_FL.jpg Desc: Description: Image of Flower Size: 288492
URI: <http://hdl.handle.net/1813/1195> Visits: 899

AU: TI: 87-552*A Viburnum xrhytidophylloides 'Alleghany' KW: Viburnum xrhytidophylloides; Alleghany; Caprifoliaceae; Lantanaphyllum Viburnum; Lake Country Nursery IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Mary Rockwell Azalea Garden
File: 87-552A_FL.jpg Desc: Description: Image of Flower Size: 367978
URI: <http://hdl.handle.net/1813/923> Visits: 167

AU: TI: 95-161*C Viburnum plicatum f. tomentosum 'Shoshoni' KW: Viburnum plicatum f. tomentosum; Shoshoni; Caprifoliaceae; Keenan's Nursery IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Mary Rockwell Azalea Garden
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/927> Visits: 192

AU: TI: 95-040*B Fothergilla 'Mount Airy' KW: Fothergilla; Mount Airy; Hamamelidaceae; Othergilla; Roslyn Nursery IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Mary Rockwell Azalea Garden
File: 95-040B_FL.jpg Desc: Description: Image of Flower Size: 453174
URI: <http://hdl.handle.net/1813/926> Visits: 183

AU: TI: 00-082*A Rhododendron 'Pennsylvania' KW: Rhododendron; Pennsylvania; Ericaceae; Azalea; Fairweather Gardens Nursery IssD: 2003-07-30 Pub: Publisher:
ABS: Collection: Mary Rockwell Azalea Garden
File: 00-082A_FL.jpg Desc: Description: Image of Flower Size: 302266
URI: <http://hdl.handle.net/1813/1191> Visits: 1088

AU: Bowen, Jennifer TI: RDA: Resource Description and Access: A New Cataloging Standard for a Digital Future KW: RDA (Resource Description and Access); Cataloging rules IssD: 2006-05-16 Pub: Publisher:
ABS: Collection: Metadata Working Group Forum Presentations
File: MWG_2006-05-16_Bowen.ppt Desc: Description: Size: 2451456
URI: <http://hdl.handle.net/1813/3023> Visits: 213

AU: Hillmann, Diane I. TI: RDA: The Skeptic's View KW: RDA (Resource Description and Access); Cataloging rules IssD: 2006-05-16 Pub: Publisher:
ABS: Collection: Metadata Working Group Forum Presentations
File: MWG_2006-05-16_Hillmann.ppt Desc: Description: Size: 82944
URI: <http://hdl.handle.net/1813/3022> Visits: 175

AU: Hillmann, Diane; Phipps, Jon TI: The NSDL Registry KW: Metadata registries; Controlled vocabularies IssD: 2006-06-16 Pub: Publisher:
ABS: Collection: Metadata Working Group Forum Presentations
File: MWG_2006-06-16_Hillmann_Phipps.ppt Desc: Description: Size: 964608
URI: <http://hdl.handle.net/1813/3208> Visits: 85

AU: Hirtle, Peter TI: Section 108 Study Group Update : Questions from the March Roundtables KW: Copyright law -- Exceptions for libraries IssD: 2006-03-31 Pub: Publisher:

ABS: Collection: Metadata Working Group Forum Presentations
File: MWG_2006-03-31_Hirtle2.ppt Desc: Description: Size: 129024
URI: <http://hdl.handle.net/1813/3045> Visits: 166

AU: Hirtle, Peter TI: Rights Metadata for Digital Collections KW: Rights IssD: 2006-03-31 Pub: Publisher:

ABS: Collection: Metadata Working Group Forum Presentations
File: MWG_2006-03-31_Hirtle1.ppt Desc: Description: Size: 1251328
URI: <http://hdl.handle.net/1813/3044> Visits: 138

AU: Westbrook, Elaine TI: Language Data and Rights KW: Rights IssD: 2006-03-31 Pub: Publisher:

ABS: Collection: Metadata Working Group Forum Presentations
File: MWG_2006-03-31_Westbrook.ppt Desc: Description: Size: 55808
URI: <http://hdl.handle.net/1813/3043> Visits: 121

AU: Vernaleken, Theodor TI: The Dog and the Wolf KW: Bohemia; Czech; Folklore IssD: 1914 Pub: Publisher:

ABS: F Collection: Miscellaneous
File: Bohemian Folk Tale.pdf Desc: Description: Size: 31208
URI: <http://hdl.handle.net/1813/615> Visits: 886

AU: TI: 03-441*A *Kerria japonica* 'Pleniflora' KW: *Kerria japonica*; Pleniflora; Rosaceae; Japanese *Kerria*; Lake Country Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Mullestein Winter Garden
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/753> Visits: 786

AU: TI: 03-466*E *Kerria japonica* 'Golden Guinea' KW: *Kerria japonica*; Golden Guinea; Rosaceae; Japanese *Kerria*; Edgewood Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Mullestein Winter Garden
File: 03-466E_FL.jpg Desc: Description: Image of Flower Size: 409347
URI: <http://hdl.handle.net/1813/737> Visits: 317

AU: TI: 00-059*D *Viburnum opulus* var. *americanum* 'Wentworth' KW: *Viburnum opulus* var. *americanum*; Wentworth; Caprifoliaceae; American Cranberry *Viburnum*; Bailey Nurseries IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Mullestein Winter Garden
File: 00-059D_FL.jpg Desc: Description: Image of Flower Size: 385195
URI: <http://hdl.handle.net/1813/1070> Visits: 1478

AU: TI: 00-468*A *Stewartia pseudocamellia* KW: *Stewartia pseudocamellia*; Theaceae; Japanese *Stewartia*; Japan; Edgewood Nursery IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Mullestein Winter Garden
File: 00-468D_FL.jpg Desc: Description: Image of Flower Size: 308722
URI: <http://hdl.handle.net/1813/1208> Visits: 792

AU: TI: 99-390*B Hosta 'Spilt Milk' NANCY MINKS AWARD KW: Hosta; Spilt Milk; Liliaceae; Nancy Minks Award; Plantain Lily; Shady Oaks Nursery IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Mullestein Winter Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1351> Visits: 648

AU: TI: 03-441*L Kerria japonica 'Pleniflora' KW: Kerria japonica; Pleniflora; Rosaceae; Japanese Kerria; Lake Country Nursery IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Mullestein Winter Garden

File: 03-441L_FL.jpg Desc: Description: Image of Flower Size: 280599

URI: <http://hdl.handle.net/1813/736> Visits: 290

AU: TI: 00-526*A Heuchera 'Black Bird' KW: Heuchera; Black Bird; Saxifragaceae; Coral Bells; Sunny Border Ohio IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Mullestein Winter Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1209> Visits: 703

AU: TI: 96-420*A Sambucus nigra ssp. canadensis 'Acutiloba' KW: Sambucus nigra ssp. canadensis; Acutiloba; Caprifoliaceae; Fernleaf American Elder; Bailey Nurseries IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Muriel B. Mundy Wildflower Garden

File: 96-420A_FL.jpg Desc: Description: Image of Flower Size: 412709

URI: <http://hdl.handle.net/1813/1206> Visits: 773

AU: TI: 96-098*D Sambucus nigra ssp. canadensis 'Adams' KW: Sambucus nigra ssp. canadensis; Adams IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Muriel B. Mundy Wildflower Garden

File: 96-098D_FL.jpg Desc: Description: Image of Flower Size: 363392

URI: <http://hdl.handle.net/1813/1205> Visits: 752

AU: TI: 96-594*A Sambucus nigra ssp. canadensis 'York' KW: Sambucus nigra ssp. canadensis; York; Caprifoliaceae; American Elderberry; Bailey Nurseries IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Muriel B. Mundy Wildflower Garden

File: 96-594A_FO.jpg Desc: Description: Image of Flower Size: 325718

URI: <http://hdl.handle.net/1813/1207> Visits: 803

AU: Davies, Peter J. TI: Genes Involved in Aspects of Plant Hormone Biosynthesis, Transport, Signal Transduction or Action KW: genes; plant hormone; plant hormones IssD: 2004 Pub: Publisher:

ABS: Collection: Plant Hormones

File: Horbook Table of Genes.pdf Desc: Description: Size: 259816

URI: <http://hdl.handle.net/1813/2545> Visits: 1309

AU: TI: 88-110*C Malus 'Dolgo' KW: Malus; Dolgo; Rosaceae; Flowering Crab Apple; Schmidt & Son Co. IssD: 2003-05-15 Pub: Publisher:

ABS: Collection: Pounder Heritage Vegetable Garden
File: 88-110C_FL.jpg Desc: Description: Image of Flower Size: 338715
URI: <http://hdl.handle.net/1813/743> Visits: 751

AU: TI: 87-440*A Rosa (Explorer Series) 'Jens Munk' KW: Rosa; Explorer Series; Rosaceae; Jens Munk Rose IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Pounder Heritage Vegetable Garden
File: 87-440_FL.jpg Desc: Description: Image of Flower Size: 438489
URI: <http://hdl.handle.net/1813/1314> Visits: 741

AU: Campbell, Timothy TI: Violent Cities: Umberto Lenzi's Polizieschi and B-Movie Fascism KW: Umberto Lenzi; Cop Films IssD: 2006 Pub: Publisher:
ABS: This paper examines the critical failure to treat the Italian cop film, or poliziesco, as anything other than a poor cousin of the American crime film. I argue that such a blindness has prevented discussions of the cop film's intervention in larger cultural narratives of postwar Italy, which in turn makes urgent a discussion of the ways the Italian genre departs from the Hollywood prototype. Where most studies of Italian paracinema have noted the generic schizophrenia of Italian trash, the blurred boundaries among all the favored genres of Bruno Mattei, Umberto Lenzi, Sergio Martino, and Ruggiero Deodato, this paper focuses on the cultural and critical worries that the polizieschi embody and their relation with the theoretical and historical elaborations of gender that occurred in the same period in Italy. A study of the Italian cop film and one of its signature directors provide a number of access points to a more wide-ranging examination of trash cinema and its place within Italian cultural formations of the postwar period, in particular with regard to the discourse of virility.
Collection: Professor Timothy C. Campbell
File: Violent Cities.pdf Desc: Description: Size: 175705
URI: <http://hdl.handle.net/1813/2643> Visits: 366

AU: Adleman, Marvin I.; Collins, John F. TI: Livable Landscape Design KW: Landscaping, lawn, trees, shrubs, swale, mulch, landform, site planning, grading IssD: 1988-04 Pub: Publisher:
ABS: This timeless publication will assist homeowners, landscape designers, nursery workers or contractors in the design process of the home landscape. This publication uses well constructed diagrams to aid users to create practical, economical, environm
Collection: Publications
File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/2648> Visits: 682

AU: Baker, Robert C. TI: Barbecued Chicken and Other Meats KW: Cornell Chicken Recipe IssD: 1950 Pub: Publisher:
ABS: This is the famous Cornell Chicken Recipe, as written by its creator, Dr. Robert C. Baker, Professor Emeritus of the Department of Animal Sciences at the New York State College of Agriculture and Life Sciences at Cornell University. This Recipe was used by Dr. Baker at the "Chicken Coop, Collection: Publications
File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/2652> Visits: 1897

AU: Carroll, Juliet E. TI: Growing Button Mushrooms KW: 4-H, carmelization, compost, fungus, mycelium, spawn, spore IssD: 1989-06 Pub: Publisher:

ABS: This publication gives instruction on how to grow mushrooms at home. Users can build simple trays from scrap lumber, create a compost bed, order and apply spawn, add peat and wait for growth. An advantage of home growing of mushrooms is that they can be picked at the ideal time when the flavor is perfect. Collection: Publications
File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3217> Visits: 48

AU: Carroll, Juliet E. TI: Fun with Fungi KW: fungus, mushrooms, spore, youth project, 4-H, mycelium IssD: 1989-05 Pub: Publisher:

ABS: Without fungi, mankind would likely suffocate under piles of dead and dying biological matter that would never decay. Medicines and other important contributions are made by these fungal organisms, not to mention the contribution they make to a pizza or steak sandwich! This classic Cooperative Extension publication gives young learners advice on identifying, collecting and displaying mushrooms. It touches on Mushroom Form and Function, Major Groups of Fungi, where and when to find Fungi and how to care for your collection. Collection: Publications

File: Fun with Fungi.pdf Desc: Description: Size: 2242861

URI: <http://hdl.handle.net/1813/3066> Visits: 87

AU: Carroll, Juliet E. TI: Know Your Plant's Disease KW: blast, blight, canker, chlorosis, decay, gall, lesionscab, rot, fungi, mycoplasma-like organisms, bacteria IssD: 1987-05 Pub: Publisher:

ABS: How do plants become diseased? What can you do to prevent it? Helps beginners of all ages recognize symptoms of plant disease, identify causes, and learn to manage plant disease. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3281> Visits: 13

AU: Castania, Kathy TI: The Evolving Language of Diversity KW: IssD: 2003-12 Pub: Publisher:

ABS: Language used to define people and groups can be used to express bias and prejudice or be used as a tool for empowerment. Most people prefer to use the most respectful terms, but even the most well intentioned can unconsciously belittle other persons or groups. This paper explores common language uses gives general rules, cites misused terms and terms that simply don't work. The paper has been used nationwide for diversity and inclusiveness training, and is being made available in this format to reach people wanting guidance in the Language of Diversity. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/2665> Visits: 256

AU: Eipper, A. W.; Reigier, H. A.; Green, D. M. TI: Fish Management in New York Ponds KW: trout, bass, stocking, aquatic plants, bluegill, sunfish IssD: 2006-07-14 Pub: Publisher:

ABS: Covers design and construction features, water temperature, sources of water, water plants, eliminating undesirable fish, and controlling muskrats and other pond animals. Tells where and how to obtain fish for a pond; addresses growth, survival, reproduction, and yield. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/3276> Visits: 16

AU: Fischer, Charles C.; Fox, Raymond T. TI: The Selection, Care, and Use of Plants in the Home KW: foliage, philodendrons, dracaenas, figs, palm, potting, agave, aloe, cactuspoinsettia IssD: 1986-07 Pub: Publisher:

ABS: A carefully selected, well located, and well-cared-for plant is an important item in any d?cor. However, because indoor plants are out of their natural habitats and are confined in containers, optimum growth is difficult. This publication discusses growth requirements, including light intensity, temperature, humidity, watering practices, nutrient and fertilizing practices, potting mixtures, general maintenance, and correcting common problems, to help your plants flourish. A separate sections lists popular plants by light requirements, while another section focuses on decorative uses, including choosing containers for effective display. A final chapter deals with care of flowering plants. Dozens of black and white photographs, a diagnostic table for managing common problems supplement this helpful and informative text. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/3279> Visits: 14

AU: Forshey, C.G. TI: Training and Pruning Apple Trees KW: nonbearing, high-density plantings, rootstock IssD: 1999-05 Pub: Publisher:

ABS: Training and pruning principles are discussed with the physiology of tree growth, northeast climate conditions, and growers' objectives in mind. Pruning and training of young, non-fruit bearing apple trees is discussed separately from pruning of fruit bearing trees. Mechanical pruning, renovating old trees, supports, scaffold limbs, central-leader development, and economics of pruning are covered. Collection: Publications

File: Training and Pruning Apple Trees.pdf Desc: Description: Size: 5690169
URI: <http://hdl.handle.net/1813/3266> Visits: 15

AU: Griffiths, Jean T.; Ripple, Richard TI: Creativity and Cloverbuds KW: 4-H, volunteer, exploratory learning model, clover kids IssD: 1997-07 Pub: Publisher:

ABS: This fact sheet explores essential facets of leadership for small groups of young 4-H members 5-8 years of age. The importance of children's needs and self-esteem are discussed, as well as the qualities of a good teacher. The sheet discusses how this is an informal education, where kids learn while having fun. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/3220> Visits: 42

AU: Hartman, D. A. TI: Dairy Cattle Judging Made Easy KW: 4-H, Dairy Score Card, dairy Character IssD: 2006-03-15 Pub: Publisher:

ABS: This handy 15-page bulletin teaches the basics of Dairy Cattle Judging, using photographs of examples and explanations of what to look for while judging. The bulletin describes scoring, timing and how to develop a system of observation. Reasons given orally or written are discussed, and advice and examples of a well-stated case are given. Dairy Cattle Judging Made Easy is no longer available in print form but it is made available here to help those looking for straightforward Judging techniques. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/2704> Visits: 428

AU: Hawkes, Janet E.; Philips, Diane Held TI: Birds in Your Backyard KW: 4-H, Natural Resources, Chickadees, Finches, Cardinals, Grosbeaks, Hawks, Owls, Woodpeckers. birdseed, bird feeder IssD: 1988-09 Pub: Publisher:

ABS: Attracting birds to your backyard can allow people young and old to study the different size, shape and markings of their visitors. This publication shows ways to attract birds, different foods to attract different types of birds and even plans for several simple feeders. The publication touches on ways of identifying birds by color, shape, size and markings. This publication has gone out of print but due to steady demand it is offered here for free download or printing. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/3216> Visits: 51

AU: Hossenlopp, Ann; Schaufler, Ernest TI: Pressed-Flower Pictures KW: IssD: 2006-07-12 Pub: Publisher:

ABS: This information bulletin offers step-by-step instructions to a 300-year-old craft for preserving summer's beauty. You'll learn how to select appropriate plant material and dry it properly, and then use six basic types of dried-flower picture designs to create your own attractive pictures. Suggestions for group activities are included as well. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/3267> Visits: 18

AU: Howard, Ronald A. Jr. TI: Basic Fly Tying KW: trout fishing, fly fishing IssD: 1990-01 Pub: Publisher:

ABS: This classic publication gives an introductory lesson in the art of creating your own wet and dry flies. Step by step instructions are given for creating a couple of dozen of the most popular flies. Directions written in plain language, a list of materials and tools, diagrams and color pictures round out this timeless Cooperative Extension and 4-H Bulletin. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/2707> Visits: 254

AU: Hummel, Norman W. Jr.; Petrovic, Martin A. TI: Athletic Field Maintenance KW: vertical trenching, cambridge system, thatch, turf IssD: 2006-07-19 Pub: Publisher:

ABS: This technical guide provides comprehensive information on soil modification and drainage, establishing field turf, seeding, sodding, soil preparation, and species and variety selection. Describes how to maintain field turf, including fertilizer materials and programs, core cultivation, irrigation, thatch control, mowing, and weed control. Collection: Publications

File: license.txt Desc: Description: Size: 1795
URI: <http://hdl.handle.net/1813/3297> Visits: 1

AU: Knack, Diane Y.; Hahn, Alan J. TI: Public Policy Education, Five Case Studies with Commentary and Discussion Questions KW: watershed, farmland, land preservation, solid waste, elderly housing, child care council IssD: 1993-11 Pub: Publisher:

ABS: The democratic process dictates that citizens act on matters that affect the society and environment in which they live. This bulletin uses five case studies where individuals utilized the wealth of knowledge that is Cornell University through the Cooperative Extension System to influence local environmental policy and create a child care council. This bulletin is a wonderful resource for Extension Educators or anyone wishing to teach empowerment to shape and affect local policy. Collection: Publications

File: Public Policy Education.pdf Desc: Description: Size: 4950684

URI: <http://hdl.handle.net/1813/2686> Visits: 241

AU: Malchoff, Mark H.; MacNeill, Davis B. TI: Guidelines to Increase Survival of Released Sport Fish KW: catch-and-release, angling, sea grant IssD: 1995-08 Pub: Publisher:

ABS: This publication details the methods anglers should employ when returning fish to the water. Different types of lures and bait are discussed to increase survival odds, as well as tools used in the process. The publication details differing methods for marine offshore species, bottom fish, warm water freshwater species as well as Trout and Salmon from greater water depths. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3222> Visits: 85

AU: Merwin, Ian A.; Stiles, Warren C. TI: Integrated Weed and Soil Management in Fruit Plantings KW: weeds, insects, disease, pesticide, ground covers, mulches, herbicide, cultivator IssD: 1998-01 Pub: Publisher:

ABS: Explains how various weed management systems affect fruit crops, soils, and groundwater. The advantages and disadvantages of various methods for managing weed competition are described. Action thresholds and other weed integrated pest management (IPM) strategies are covered. Mulches and other non-chemical weed controls, timing of control applications, ground cover management systems, and herbicide applicators are included. Color photographs show detail. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3277> Visits: 10

AU: Meyer, Mary Hockenberry; Mower, Robert G. TI: Ornamental Grasses for the Home and Garden KW: Annual, Awn, Basal, Bristle, Annual, Perennial, sege grass, zebra grass, fescue, oat grass, ribbon grass, reed, sedge grass, switch grasstuffed hair grass IssD: 1997-01 Pub: Publisher:

ABS: This information bulletin highlights 33 common ornamental grasses, sedges, and rushes with technical data and illustrations. The bulletin lists dozens of other grasses for use near ponds and swimming pools, in perennial borders, rock gardens, water gardens, shady locations, naturalized areas or for dried arrangements. Cultural information, a glossary and a key to selected types of grasses is included as well. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3268> Visits: 14

AU: Morse, R. A.; Dyce, E. J. TI: Beekeeping: General Information KW: pollinator, apiary, honeycomb, honeyflow, bee colony IssD: 1982-04 Pub: Publisher:

ABS: This information bulletin explains how, when and, where to best start beekeeping, including how to obtain bees, and what equipment is needed. Describes the extent of the beekeeping industry in New York State, and includes references for additional information regarding inspections, associations, literature, and Cornell beekeeping courses. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3274> Visits: 11

AU: Mower, R.G.; Lee, R.E. TI: Sequence of Bloom of Perennials, Biennials, and Bulbs
KW: IssD: 2006-07-12 Pub: Publisher:

ABS: This popular information bulletin for the home gardener, will help you select and situate those perennials and bulbous plants for a continuous display of bloom from early spring until the killing frosts of autumn. The list of per
Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3269> Visits: 21

AU: Mower, Robert G. TI: Shrubs for Landscape Plantings in New York State
KW: hardy, hydrangea, viburnum IssD: 1990-03 Pub: Publisher:

ABS: This information bulletin provides a list of many of the most useful and attractive shrubs for landscape planting. Most are available from commercial nurseries and garden supply centers. Cultural information on low, small, medium, and large shrubs is covered. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3278> Visits: 11

AU: Oberly, G.H. TI: Top-Working and Bridge-Grafting Fruit Trees
KW: cambial layer, scion, rootstock, cultivar, pollination IssD: 1993-01 Pub: Publisher:

ABS: The classic publication details methods orchard workers can use to cultivate desired qualities in fruit trees as well as pollinating orchards that lack sufficient pollination. Using clear diagrams and precise directions, this bulletin tells the reader how to select correct limbs, care for the grafted tree, the methods, tools required and even gives the recipe for a grafting compound. The bulletin details top-working, bridge grafting, cleft-grafting, whip grafting and budding. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3074> Visits: 138

AU: Pritts, Marvin; Dale, Adam TI: Dayneutral Strawberry Production Guide
KW: cultivar, nematodes, irrigation, harvesting IssD: 1989-03 Pub: Publisher:

ABS: An information bulletin that will help serious hobbyists and commercial growers make the most of this recently developed cultivar. Plants can flower and fruit continuously, yielding fresh strawberries through the summer into October. Production expectations, marketing, pre-plant considerations, cultural practices, pests, irrigation systems, harvesting and economics are all covered. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3275> Visits: 11

AU: Pultz, Jennifer M. TI: Be a Waterfront Winner! A Shoreline Residents Guide for the Northeast
KW: waterfront, phosphorous, shoreline, erosion, landscape IssD: 1996-09
Pub: Publisher:

ABS: This fact sheet tells those who live on the waterfront in the northeast how to protect the environment, reduce waste, and improve the look and value of their property. This sheet details the effect of the three major water threats: Nitrogen, Phosphorous and Sediments. The sheet gives tips for septic system care, lawn care, and landscape maintenance and design. This publication is no longer available in print form, but due to its timeless nature, it is being made available here. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3232> Visits: 42

AU: Ratnieks, Francis L. W.; Nowogrodzki, Richard TI: Small-Scale Queen Rearing by Beekeepers in the Northeast KW: bee colony, royal jelly, queen cups, bee larva IssD: 1988-06 Pub: Publisher:

ABS: This publication is intended to help hobby or commercial beekeepers rear queens for their own use or for sale. Experience in beekeeping is assumed, as well as familiarity with many beekeeping terms. Covers how, why, when, and where to rear queens. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3273> Visits: 12

AU: Seeley, Thomas D.; Morse, Roger A.; Nowogrodzki, Richard TI: Bait Hives for Honey Bees KW: swarming, frame hive, apiary, queening IssD: 1989-10 Pub: Publisher:

ABS: Capturing swarms of bees can be achieved by following the recommendations in this classic, easy to read publication. The authors researched and tested different sizes and locations and the results are given along with methods for taking down and transporting the hive. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/2653> Visits: 266

AU: Stiles, Jerry S.; Mower, Robert G. TI: Rock Gardens KW: IssD: 1990-05 Pub: Publisher:

ABS: A timeless, how-to-guide that covers design and construction, maintenance and propagation of plants for rock gardens. Full-color photographs of 50 rock garden plants, with descriptions and recommendations for use are included. Sources for obtaining plants, a glossary of terms and plant diagrams are included. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3282> Visits: 11

AU: Thacker, G. H. TI: The Home Poultry Flock KW: chicks, pullets, molt, leghorns, eggs IssD: 1996-02 Pub: Publisher:

ABS: This leaflet will help you start a flock at home, from information on how to obtain chicks to disposal of the flock. Information on shelter, equipment needed, feeding, and caring for the birds and the eggs. Diagrams of chick brooders and simple, inexpensive, convenient housing for the hobby flock are included. Since the publication was updated last in 1996, readers would be well advised to check current costs of feeds and chicks with current market prices. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3280> Visits: 10

AU: van Es, Harold M.; Klausner, Stuart D.; Reid, W. Shaw; Trautmann, Nancy M. TI: Nitrogen and the Environment KW: nitrates, watershed, fertilizer, ammonia, runoff IssD: 1991-02 Pub: Publisher:

ABS: This sixteen page Extension bulletin discusses the use of Nitrogen in Agriculture. Sources and forms of Nitrogen are discussed as well as the benefits to crop yields. Excessive Nitrogen use is discussed with possible detriments to Groundwater and livestock and resulting human health concerns. This timeless bulletin gives summary management recommendations as well as information about having soil tested. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3240> Visits: 41

AU: Warner, Philson A.; Rakow, Donald A.; Mazza, Charles TI: Grow With the Flow KW: hydroponics, curriculum, 4-H, plant science, plants, PVC IssD: 1993-10 Pub: Publisher:

ABS: This 10 session project-based curriculum includes simple instructions for constructing 2 different types of hydroponic units, setting plants, observing growth, and harvesting. Entomology, physics, social studies, marketing, math, nutrition and careers in horticulture, are integrated into the basic plant science focus. These projects are best suited for middle-school aged youth, and allows for a ba Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3283> Visits: 12

AU: Wellington, G.H. TI: Cutting Meat KW: slaughtering, butchering, boning, beef, lamb, pork IssD: 2006-06-22 Pub: Publisher:

ABS: This straightforward publication instructs the reader in the steps needed to prepare several types of animals for freezing and consumption. The publication details the importance of sanitation, the tools needed (and care of) as well as the yields expected for different animals. Dozens of black and white photos with step-by-step descriptions guide the reader through the process of cutting meat down to manageable cuts. Collection: Publications

File: license.txt Desc: Description: Size: 1795

URI: <http://hdl.handle.net/1813/3221> Visits: 66

AU: Young, Thomas TI: On the Mechanism of the Eye KW: eye; focal distance; organ; anatomical description IssD: 1801 Pub: Publisher:

ABS: Thomas Young was an English physician and a physicist who was responsible for many important theories and discoveries in optics and in human anatomy. This is a paper written by him that describes the mechanism of the eye from 1801. Collection: Research Articles

File: Mechanism_of_Eye_Young.pdf Desc: Description: Size: 18221526

URI: <http://hdl.handle.net/1813/2163> Visits: 772

AU: Clavano, Wilhelmina R.; Boss, Emmanuel; Agrawal, Yogesh C. TI: Backscattering anisotropy near 180° : an indication of particle size and shape KW: backscattering; ocean optics; polarisation; Mueller matrix; non-spherical particles; marine particles; polarimetry; light scattering IssD: 2006-03-01 Pub: Publisher:

ABS: By modelling the single scattering of particles in the exact backward direction (180°) and 5° around, the field of view of an instrument measuring backscattering is simulated. Calculations of the scattering Mueller matrix M_{ij} using a development of the extended boundary condition method [1] are made for spheroidal particles with sizes (D in μ), shapes (defined by spheroidal aspect ratio $\frac{s}{t}$) and refractive indices similar to ($m = 1.05 + 0.01i$) Collection: Research Presented at Conferences

File: 2006OS36I-06_letter.pdf Desc: Description: Size: 1523598

URI: <http://hdl.handle.net/1813/2656> Visits: 387

AU: Clavano, Wilhelmina R.; Philpot, William D. TI: Reflections and the focusing effect from an ideal three-dimensional rough surface KW: reflectance; azimuthal variation; transmission; focusing; shadowing; obscuration; egg-carton surface IssD: 2006-03-04 Pub: Publisher:

ABS: An analytical expression for higher-order reflectances from a shallow-water homogeneous ocean bottom modeled as an egg-carton surface is presented. Roughness of this ideal surface is expressed as the amplitude-to-length ratio of its basic sinusoidal function. Any real surface that can be approximated by an egg-carton function will effectively have a comparable roughness metric. Incidence and reflection directions are considered in full azimuthal variation. The detector is located just below the water surface so that only in-water reflections are considered and there are no air-water transmission effects. Furthermore, this setup allows for an understanding of reflections that occur in media with any index of refraction or absorption coefficient. Fixing the detector footprint but adjusting its field-of-view enables the observation of the same bottom surface area as the depth varies while keeping the r Collection: Research Presented at Conferences

File: OOXVIIPoster_letter.pdf Desc: Description: Poster Size: 520171

URI: <http://hdl.handle.net/1813/2667> Visits: 439

AU: Clavano, Wilhelmina R.; Philpot, William D. TI: The off-specular peak and polarisation effects of an undulating underwater surface KW: BRDF; roughness; polarisation; off-specular; underwater; geometric optics; reflectance; shadowing; bi-directional reflectance distribution function IssD: 2006-03-03 Pub: Publisher:

ABS: Periodic undulations are used to describe underwater bottom roughness. An expression of the bi-directional reflectance distribution function (BRDF) is given that is dependent on the given roughness metric. Highlights include an off-specular peak and polarisation effects. For an undulating underwater surface, we have shown through geometric optics that reflectance from a rough diffuse surface increases as the viewing direction approaches the backward direction even in the absence of shadowing and/or self-shading (Clavano & Philpot (2003), see also Cox & Munk (1956)). The effects of shadowing and self-shading are equivalent to applying a geometrical attenuation factor to specular reflectance, which is similar to an analysis of morphological effects using triangular waves by Zaneveld & Boss (2003). We show that a reflectance peak displaced away from the specular direction occurs at large angles of incidence (relative to the global normal) as the surface gets rougher (part of work in Clavano & Philpot (2004)). Similar results have been shown for oil films on ocean surfaces using Monte Carlo methods by Otremba & Piskozub (2004) and Otremba (2004). As a general result, an expression of the full bi-directional reflectance distribution function (BRDF) is given. While geometrical effects play a significant role in

the reflectance distribution, we consider polarisation effects (as in Mullamaa (1962, 1964)) to gain more insight into real-world reflectances and compare with empirical distributions described by Cox & Munk (1956). Collection: Research Presented at Conferences

File: ONW2005_offspecular.pdf Desc: Description: Paper Size: 68992

URI: <http://hdl.handle.net/1813/2666> Visits: 494

AU: Arneson, Phil TI: Fortran Resistan Simulation KW: resistan; simulation IssD: 19uu
Pub: Publisher:

ABS: Collection: Resistan Simulation Software

File: license.txt Desc: Description: Size: 1802

URI: <http://hdl.handle.net/1813/2497> Visits: 430

AU: Arneson, Phil; Goldfarb, Joshua TI: Java Resistan Simulation KW: resistan;
simulation IssD: 2002 Pub: Publisher:

ABS: Collection: Resistan Simulation Software

File: Resistan.java Desc: Description: Java program Size: 136950

URI: <http://hdl.handle.net/1813/2498> Visits: 442

AU: Arneson, Phil; Ticknor, Barr TI: C Resistan Simulation KW: resistan; simulation
IssD: 1992 Pub: Publisher:

ABS: Collection: Resistan Simulation Software

File: license.txt Desc: Description: Size: 1802

URI: <http://hdl.handle.net/1813/2496> Visits: 551

AU: TI: 01-327*B Sempervivum 'Ohio Burgundy' KW: Sempervivum; Ohio Burgundy;
Crassulaceae; House Leek; Siskiyou Nursery; Mullestein Hillside Garden IssD: 2003-05-
27 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 01-327B_IPL.jpg Desc: Description: Image of Flower Size: 462110

URI: <http://hdl.handle.net/1813/1011> Visits: 307

AU: TI: 88-083*A Pycnanthemum montanum KW: Pycnanthemum montanum;
Mountain Mint; Lamiaceae; Southern United States; WE-DU Nurseries IssD: 2003-07-14
Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1315> Visits: 109

AU: TI: 98-193*G Diervilla sessilifolia 'Butterfly' KW: Diervilla sessilifolia; Butterfly;
Caprifoliaceae; Southern Bush; Honeysuckle; Spring Meadow; Mulenstein Hillside
Garden IssD: 2003-07-14 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 98-193G_FL.jpg Desc: Description: Image of Flower Size: 232863

URI: <http://hdl.handle.net/1813/1335> Visits: 759

AU: TI: 00-188*A Baptisia sphaerocarpa KW: Baptisia sphaerocarpa; Yellow False
Indigo; Fabaceae; South Eastern United States; South Central United States; Plant
Delights; North Walk IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 00-188A_FL.jpg Desc: Description: Image of Flower Size: 279342
URI: <http://hdl.handle.net/1813/1292> Visits: 700

AU: TI: 99-407*A *Hylotelephium telephium* 'Arthur Branch' KW: *Hylotelephium telephium*; Arthur Branch; Crassulaceae; Live-Forever; Sunny Border Ohio; Mullestein Hillside Garden IssD: 2003-07-14 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 99-407A_FL.jpg Desc: Description: Image of Flower Size: 278634
URI: <http://hdl.handle.net/1813/1298> Visits: 393

AU: TI: 01-330*A *Sempervivum arachnoideum* ssp. *tomentosum* 'Stansfeldii' KW: *Sempervivum arachnoideum* ssp. *tomentosum*; Stansfeldii; Crassulaceae; House Leek; Siskiyou Nursery; Mullestein Hillside Garden IssD: 2003-07-14 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 01-330A_PL.jpg Desc: Description: Image of Plant Size: 425518
URI: <http://hdl.handle.net/1813/1300> Visits: 406

AU: TI: 87-583*A *Malus* 'Hargozam' HARVEST GOLD KW: *Malus*; Hargozam; Rosaceae; Harvest Gold; Flowering Crabapple; McGuire Gardens; North Walk IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 87-583A_FL.jpg Desc: Description: Image of Flower Size: 363323
URI: <http://hdl.handle.net/1813/742> Visits: 171

AU: TI: 97-454*A *Hemerocallis* 'Lilac Snow' KW: *Hemerocallis*; Lilac Snow; Liliaceae; DayLily; Adamgrove Nursery; North Walk IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/1331> Visits: 145

AU: TI: 01-309*A *Geranium* 'Brookside' KW: *Geranium*; Brookside; Geraniaceae; Cranesbill; The Plantsmen Nursery; Mullestein Hillside Garden IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 01-309A_FL.jpg Desc: Description: Image of Flower Size: 349907
URI: <http://hdl.handle.net/1813/1296> Visits: 269

AU: TI: 74-284*C *Stachys officinalis* KW: *Stachys officinalis*; Betony; Lamiaceae; Europe; Asia; Tartu Botanical Gardens IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 74-284C_FL.jpg Desc: Description: Image of Flower Size: 222883
URI: <http://hdl.handle.net/1813/1306> Visits: 186

AU: TI: 95-050*A *Salvia verticillata* 'Purple Rain' KW: *Salvia verticillata*; Purple Rain; Lamiaceae; Lilac Sage; Roslyn Nursery; North Walk IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 95-050A_FL.jpg Desc: Description: Image of Flower Size: 426450
URI: <http://hdl.handle.net/1813/1319> Visits: 150

AU: TI: 99-396*A Hemerocallis 'Happy Returns' KW: Hemerocallis; Happy Returns; Hemerocallidaceae; DayLily; Sunny Border Ohio; Mullestein Hillside Garden IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 99-396A_FL.jpg Desc: Description: Image of Flower Size: 304804

URI: <http://hdl.handle.net/1813/1299> Visits: 440

AU: TI: 96-065*A Marrubium cylleneum KW: Marrubium cylleneum; Horehound; Lamiaceae; Greece; Albania; Ridge House Gardens IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 96-065A_FL.jpg Desc: Description: Image of Flower Size: 318821

URI: <http://hdl.handle.net/1813/1327> Visits: 112

AU: TI: 97-456*A Hemerocallis 'Button Box' KW: Hemerocallis; Button Box; Liliaceae; DayLily; Adamgrove Nursery; North Walk IssD: 2003-07-14 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1333> Visits: 582

AU: TI: 97-503*A Echinacea purpurea 'Magnus' Perennial Plant of the Year KW: Echinacea purpurea; Magnus; Asteraceae; Perennial Plant of the Year; Purple Coneflower; Sunny Border Ohio; North Walk IssD: 2003-07-14 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 97-503A_FL.jpg Desc: Description: Image of Flower Size: 279762

URI: <http://hdl.handle.net/1813/1334> Visits: 876

AU: TI: 87-002*E Rosa rugosa 'Alba' KW: Rosa rugosa; Alba; Rosaceae; White Rugosa Rose; Roses of Yesterday IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 87-002E_FL.jpg Desc: Description: Image of Flower Size: 273784

URI: <http://hdl.handle.net/1813/1313> Visits: 127

AU: TI: 01-178*A Baptisia australis 'Caspian Blue' KW: Baptisia australis; Caspian Blue; False Indigo; Sunny Border Ohio; Mullestein Hillside Garden IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 01-178A_FR.jpg Desc: Description: Image of Plant Size: 346988

URI: <http://hdl.handle.net/1813/1042> Visits: 344

AU: TI: 00-527*A Heuchera 'Silver Maps' KW: Heuchera; Silver Maps; Saxifragaceae; Coral Bells; Sunny Border Ohio; Mullestein Hillside Garden IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 00-527A_FO.jpg Desc: Description: Image of Flower Size: 436070

URI: <http://hdl.handle.net/1813/1293> Visits: 360

AU: TI: 01-330*A *Sempervivum arachnoideum* ssp. *tomentosum* 'Stansfeldii' KW: *Sempervivum arachnoideum* ssp. *tomentosum*; Stansfeldii; Crassulaceae; House Leek; Siskiyou Nursery; Mullestein Hillside Garden IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 01-330A_FL.jpg Desc: Description: Image of Flower Size: 395489
URI: <http://hdl.handle.net/1813/1044> Visits: 294

AU: TI: 84-339*C *Alchemilla mollis* KW: *Alchemilla mollis*; Rosaceae; Lady's Mantle; Asia Minor; Ridge House Gardens IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 84-339C_FL.jpg Desc: Description: Image of Flower Size: 288219
URI: <http://hdl.handle.net/1813/1312> Visits: 118

AU: TI: 83-315*A *Geranium macrorrhizum* 'Album' KW: *Geranium macrorrhizum*; Album; Geraniaceae; Cranesbill; North Walk IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 83-315_FL.jpg Desc: Description: Image of Flower Size: 335235
URI: <http://hdl.handle.net/1813/987> Visits: 160

AU: TI: 83-300*B *Geranium* 'Johnson's Blue' KW: *Geranium*; Johnson's Blue; Geraniaceae; Cranesbill; Mullestein Hillside Garden IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 83-300_PL.jpg Desc: Description: Image of Plant Size: 585791
URI: <http://hdl.handle.net/1813/1310> Visits: 130

AU: TI: 77-486*A *Allium schoenoprasum* var. *sibiricum* KW: *Allium schoenoprasum* var. *sibiricum*; Giant Chives; Amaryllidaceae IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 77-486_TG.jpg Desc: Description: Image of Plant Tag Size: 126858
URI: <http://hdl.handle.net/1813/1307> Visits: 128

AU: TI: 01-178*A *Baptisia australis* 'Caspian Blue' KW: *Baptisia australis*; Caspian Blue; Fabaceae; False Indigo; Sunny Border Ohio IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 01-178A_FL.jpg Desc: Description: Image of Flower Size: 573793
URI: <http://hdl.handle.net/1813/1072> Visits: 425

AU: TI: 96-060*A *Foeniculum vulgare* 'Purpurascens' KW: *Foeniculum vulgare*; Purpurascens; Apiaceae; Bronze Fennel; The Flowery Branch IssD: 2003-07-14 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 96-060A_FL.jpg Desc: Description: Image of Flower Size: 345636
URI: <http://hdl.handle.net/1813/1324> Visits: 119

AU: TI: 00-119*B *Sambucus nigra* 'Guincho Purple' KW: *Sambucus nigra*; Guincho Purple; Caprifoliaceae; Black Elderberry; Arbor Village Farms; Mullestein Hillside Garden IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 00-119B_FL.jpg Desc: Description: Image of Flower Size: 321529

URI: <http://hdl.handle.net/1813/1290> Visits: 1101

AU: TI: 92-150*B *Geranium sanguineum* 'Max Frei' KW: *Geranium sanguineum*; Max Frei; Geraniaceae; Bloody Cranesbill; Bluemount Nursery; North Walk IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1029> Visits: 167

AU: TI: 84-196*B *Geranium endressii* 'A.T. Johnson' KW: *Geranium endressii*; A.T. Johnson; Geraniaceae; Cranesbill; Hillier Nurseries; North Walk IssD: 2003-06-02 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 84-196B_FL.jpg Desc: Description: Image of Flower Size: 393012

URI: <http://hdl.handle.net/1813/1084> Visits: 126

AU: TI: 02-287*A *Veronica* 'St. Gaudens' KW: *Veronica*; St. Gaudens; Scrophulariaceae; Speedwell; The Plantsmen; Mullestein Hillside Garden IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 02-287A_FL.jpg Desc: Description: Image of Flower Size: 442661

URI: <http://hdl.handle.net/1813/1301> Visits: 155

AU: TI: 01-328*A *Sempervivum* 'Rosie' KW: *Sempervivum*; Rosie; Crassulaceae; House Leek; Siskiyou Nursery; Mullestein Hillside Garden IssD: 2003-07-03 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 01-328A_PL.jpg Desc: Description: Image of Plant Size: 518049

URI: <http://hdl.handle.net/1813/1297> Visits: 313

AU: TI: 95-218*A *Hemerocallis* 'Siloam Ribbon Candy' KW: *Hemerocallis*; Siloam Ribbon Candy; Liliaceae; DayLily; North Walk IssD: 2003-07-14 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 95-218_FL.jpg Desc: Description: Image of Flower Size: 272807

URI: <http://hdl.handle.net/1813/1322> Visits: 123

AU: TI: 95-217*A *Hemerocallis* 'Little Squiz' KW: *Hemerocallis*; Little Squiz; Liliaceae; DayLily; Caprice Farm Nursery; North Walk IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 95-217A_FL.jpg Desc: Description: Image of Flower Size: 300384

URI: <http://hdl.handle.net/1813/1321> Visits: 122

AU: TI: 82-007*A *Clematis apiifolia* KW: *Clematis apiifolia*; Ranunculaceae; Japan; US National Arboretum IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 82-007A_PL.jpg Desc: Description: Image of Plant Size: 609113

URI: <http://hdl.handle.net/1813/1308> Visits: 122

AU: TI: 00-530*A *Hosta* 'Loyalist' KW: *Hosta*; Loyalist; Liliaceae; Plantain Lily; Sunny Border Ohio; Mullestein Hillside Garden IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden

File: 00-530A_PL.jpg Desc: Description: Image of Plant Size: 487448
URI: <http://hdl.handle.net/1813/1294> Visits: 334

AU: TI: 96-064*A Agastache foeniculum KW: Agastache foeniculum; Anise Hyssop; Labiatae IssD: 2003-07-14 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 96-064_FL.jpg Desc: Description: Image of Flower Size: 312021
URI: <http://hdl.handle.net/1813/1326> Visits: 111

AU: TI: 02-310*A Geranium 'Gerwat' KW: Geranium; Gerwat; Geraniaceae; Rozanne; Cranesbill; Sunny Border Ohio; Mulenstein Hillside Garden IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 02-310A_FL.jpg Desc: Description: Image of Flower Size: 242240
URI: <http://hdl.handle.net/1813/1303> Visits: 140

AU: TI: 97-452*A Hemerocallis 'Bouquet of Ruffles' KW: Hemerocallis; Bouquet of Ruffles; Liliaceae; DayLily; North Walk; Adamgrove Nursery IssD: 2003-07-14 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 97-452A_FL.jpg Desc: Description: Image of Flower Size: 283310
URI: <http://hdl.handle.net/1813/1330> Visits: 139

AU: TI: 97-541*A Nepeta xfaassenii 'Snowflake' KW: Nepeta xfaassenii; Snowflake; Lamiaceae; Catmint; Sunny Border Ohio; North Walk IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 97-541A_FL.jpg Desc: Description: Image of Flower Size: 359852
URI: <http://hdl.handle.net/1813/1033> Visits: 156

AU: TI: 97-451*A Hemerocallis 'Benchmark' KW: Hemerocallis; Benchmark; Liliaceae; DayLily; Adamgrove Nursery IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 97-451A_FL.jpg Desc: Description: Image of Flower Size: 270515
URI: <http://hdl.handle.net/1813/1329> Visits: 134

AU: TI: 96-586*A Hemerocallis 'Swirling Water' KW: Hemerocallis; Swirling Water; Liliaceae; Large Flowered DayLily; Adamgrove Nursery; North Walk IssD: 2003-07-28 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 96-586A_FL.jpg Desc: Description: Image of Flower Size: 243316
URI: <http://hdl.handle.net/1813/1328> Visits: 124

AU: TI: 95-219*B Hemerocallis 'Lavender Tonic' KW: Hemerocallis; Lavender Tonic; Liliaceae; DayLily; Caprice Farm Nursery; North Walk IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 95-219B_FL.jpg Desc: Description: Image of Flower Size: 329926
URI: <http://hdl.handle.net/1813/1323> Visits: 112

AU: TI: 82-007*A Clematis apiifolia KW: Clematis apiifolia; Ranunculaceae; Japan; China; Korea; Mullestein Hillside Garden IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 82-007_FL.jpg Desc: Description: Image of Flower Size: 354694
URI: <http://hdl.handle.net/1813/1047> Visits: 139

AU: TI: 91-013*A Hemerocallis minor KW: Hemerocallis minor; Dwarf Yellow DayLily; Liliaceae; Eastern Siberia; Japan; WE-DU Nurseries; North Walk IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 91-013A_FL.jpg Desc: Description: Image of Flower Size: 259802
URI: <http://hdl.handle.net/1813/1318> Visits: 106

AU: TI: 95-078*A Hemerocallis 'Yellow Multiflora' KW: Hemerocallis; Yellow Multiflora; Liliaceae; DayLily; Klehm Nursery; North Walk IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 95-078_FL.jpg Desc: Description: Image of Flower Size: 379294
URI: <http://hdl.handle.net/1813/1320> Visits: 118

AU: TI: 87-078*A Geranium 'Claridge Druce' KW: Geranium; Claridge Druce; Geraniaceae; Cranesbill; North Walk IssD: 2003-06-02 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 87-078_FL.jpg Desc: Description: Image of Flower Size: 450381
URI: <http://hdl.handle.net/1813/1090> Visits: 150

AU: TI: 97-455*A Hemerocallis 'Yesterday's Memories' Award of Merit KW: Hemerocallis; Yesterday's Memories; Liliaceae; Award of Merit; DayLily; Adamgrove Nursery; North Walk IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 97-455_FL.jpg Desc: Description: Image of Flower Size: 337458
URI: <http://hdl.handle.net/1813/1332> Visits: 806

AU: TI: 72-R-025*A Acanthus spinosus KW: Acanthus spinosus IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 72-R-025_FO.jpg Desc: Description: Image of Flower Size: 357959
URI: <http://hdl.handle.net/1813/1305> Visits: 198

AU: TI: 89-151*A Baptisia australis KW: Baptisia australis; Wild Blue Indigo; Fabaceae; South Eastern United States; Hirshfeld, Mary IssD: 2003-06-23 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 89-151A_FL.jpg Desc: Description: Image of Flower Size: 420319
URI: <http://hdl.handle.net/1813/1317> Visits: 104

AU: TI: 96-063*A Salvia pratensis KW: Salvia pratensis; Meadow Clary; Lamiaceae; Central Europe; Central Russia; Nichols Garden Nursery IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden

File: 96-063A_FL.jpg Desc: Description: Image of Flower Size: 335873
URI: <http://hdl.handle.net/1813/1325> Visits: 101

AU: TI: 01-278*A Geranium 'Nimbus' KW: Geranium; Nimbus; Geraniaceae IssD: 2003-06-23 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 01-278A_PL1.jpg Desc: Description: Size: 701062
URI: <http://hdl.handle.net/1813/1295> Visits: 344

AU: TI: 83-010*A Rosa 'Applejack' KW: Rosa; Applejack; Rosaceae; Shrub Rose IssD: 2003-07-07 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 83-010A_FL.jpg Desc: Description: Image of Flower Size: 300900
URI: <http://hdl.handle.net/1813/1309> Visits: 121

AU: TI: 90-003*A Geranium sanguineum 'Cedric Morris' KW: Geranium sanguineum; Cedric Morris; Geraniaceae; Cranesbill; Rocknoll Nursery; North Walk IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 90-003A_FL.jpg Desc: Description: Image of Flower Size: 475346
URI: <http://hdl.handle.net/1813/1026> Visits: 122

AU: TI: 91-086*A Geranium sanguineum 'John Elsley' KW: Geranium sanguineum; John Elsley; Geraniaceae; Cranesbill; Wayside Gardens; North Walk IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 91-086A_FL.jpg Desc: Description: Image of Flower Size: 399846
URI: <http://hdl.handle.net/1813/1028> Visits: 127

AU: TI: 84-196*B Geranium endressii 'A.T. Johnson' KW: Geranium endressii; A.T. Johnson; Geraniaceae; Cranesbill; Hillier Nurseries; North Walk IssD: 2003-06-10 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 84-196B_FL.jpg Desc: Description: Image of Flower Size: 136146
URI: <http://hdl.handle.net/1813/1311> Visits: 103

AU: TI: 89-042*B Amsonia tabernaemontana KW: Amsonia tabernaemontana; Apocynaceae; Blue Star; South Eastern United States; Crownsville Nursery; Mullestein Hillside Garden IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 89-042B_TG.jpg Desc: Description: Image of Plant Tag Size: 1319423
URI: <http://hdl.handle.net/1813/996> Visits: 144

AU: TI: 88-279*A Hemerocallis altissima KW: Hemerocallis altissima; DayLily; Liliaceae; China; WE-DU Nurseries; North Walk IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: Robison York State Herb Garden
File: 88-279A_FL.jpg Desc: Description: Image of Flower Size: 273017
URI: <http://hdl.handle.net/1813/1316> Visits: 158

AU: TI: 90-201*A *Mentha longifolia* ssp. *himalaensis* KW: *Mentha longifolia* ssp. *himalaensis*; Himalyan Horsemint; Lamiaceae IssD: 2003-07-07 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 90-201_FL.jpg Desc: Description: Image of Flower Size: 260145
URI: <http://hdl.handle.net/1813/1346> Visits: 695

AU: TI: 03-386*A *Salvia nemorosa* 'Dear Anja' KW: *Salvia nemorosa*; Dear Anja; Lamiaceae; Balkan Clary; Sunny Border Ohio; North Walk IssD: 2003-07-14 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 03-386A_FL.jpg Desc: Description: Image of Flower Size: 255969
URI: <http://hdl.handle.net/1813/1304> Visits: 155

AU: TI: 01-332*A *Achillea anthea* 'Anblo' KW: *Achillea anthea*; Anblo; Asteraceae; Yarrow; Crownsville Nursery; Mullestein Hillside Garden IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 01-332A_FL.jpg Desc: Description: Image of Flower Size: 382588
URI: <http://hdl.handle.net/1813/1045> Visits: 292

AU: TI: 00-174*A *Geranium* 'Blue Cloud' KW: *Geranium*; Blue Cloud; Geraniaceae; Cranesbill; Heronswood Nursery; North Walk IssD: 2003-06-10 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 00-174A_FL.jpg Desc: Description: Image of Flower Size: 335559
URI: <http://hdl.handle.net/1813/1291> Visits: 645

AU: TI: 00-090*B *Geranium sanguineum* 'Shepherd's Warning' KW: *Geranium sanguineum*; Shepherd's Warning; Cranesbill; Bluebird Nursery; North Walk IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Robison York State Herb Garden
File: 00-090B_FL.jpg Desc: Description: Image of Flower Size: 420261
URI: <http://hdl.handle.net/1813/1010> Visits: 1167

AU: Welsch, Wolfgang TI: Reason and Transition: On the Concept of Transversal Reason KW: reason; rationality; transversality; inconcludability IssD: 2003-12-01 Pub: Publisher:
ABS: This paper redefines the notion of reason as a core intellectual capacity, contrasts it with the concept of multiple rationalities, and shows how it is essential for taking a detached view of ones own position. Reason aims to be as neutral as possible, and provides the capacity to move or see across multiple positions ("transversal reason"). Reason does not necessarily lead to final conclusions, but permits the individual to accommodate irreconcilable perspectives. Collection: Scholarly Publications from the Internet
File: Welsch_Reason_and_Transition.htm Desc: Description: Size: 84588
URI: <http://hdl.handle.net/1813/54> Visits: 1462

AU: Welsch, Wolfgang TI: Reason: traditional and contemporary, or Why should we still speak of reason at all? KW: reason; rationality; transversality; postmodernism; plurality IssD: 2003-12-01 Pub: Publisher:

ABS: Reason was once considered a higher order faculty than rationality. Beginning with Kant, rationality began to eclipse reason in significance. Today, we assume the existence of multiple rationalities, each with its own guiding principles. It is now time to resuscitate and redefine reason as a faculty that allows the individual to understand and live with the plurality of rationalities that characterize postmodern thought. Collection: Scholarly Publications from the Internet
File: Welsch_Reason_traditional_and_contemporary.htm Desc: Description: Size: 31688
URI: <http://hdl.handle.net/1813/56> Visits: 1559

AU: Welsch, Wolfgang TI: Rationality and Reason Today KW: reason; rationality; transversality; pluralization; disorderliness IssD: 2003-12-01 Pub: Publisher:
ABS: We live in a conceptual world of divergent paradigms that are entangled with each other. Rationality is therefore characterized by an extreme disorderliness. Only the faculty of reason is capable of looking across this diverse and disorderly condition. Reason does not privilege itself with respect to rationality, but relates to reationality on the basis of logical principles only. Collection: Scholarly Publications from the Internet
File: Welsch_Rationality_and_Reason_Today.htm Desc: Description: Size: 45069
URI: <http://hdl.handle.net/1813/55> Visits: 1534

AU: Ackermann, Susan Roche TI: Neonatal foal septicemia KW: Horses; Diseases; Case studies IssD: 1986 Pub: Publisher:
ABS: "Neonatal foal septicemia" is a term used in current literature to embrace a wide variety of diseases, their infective routes, causative agents and associated presentations. Collection: Senior Seminars
File: 1986 Ackermann.pdf Desc: Description: Size: 741201
URI: <http://hdl.handle.net/1813/3009> Visits: 310

AU: Allen, Heather TI: Hemangiopericytoma in the dog KW: Hemangiopericytoma; sarcoma; dog; timber wolf; Case studies; Diseases IssD: 2003 Pub: Publisher:
ABS: Hemangiopericytomas are a group of soft tissue sarcomas, which have a high rate of local recurrence with minimal metastatic potential. Treatment options for hemangiopericytomas include surgery and radiation, with a combined efficacy greater than either single modality. A case discussion of a timber wolf hybrid seen at Cornell University Hospital for Animals in August 2002 will provide a background in diagnostics and treatments used in managing hemangiopericytoma. Collection: Senior Seminars
File: 2003 Allen.pdf Desc: Description: Size: 26437
URI: <http://hdl.handle.net/1813/2513> Visits: 585

AU: Andreou, Andreas TI: An extreme case of masticatory myositis KW: Dogs; Diseases; Case studies IssD: 2005 Pub: Publisher:
ABS: Lucy, an 8-year-old female s Collection: Senior Seminars
File: 2005 Andreou.pdf Desc: Description: Size: 40620
URI: <http://hdl.handle.net/1813/2916> Visits: 172

AU: Artacho, Cecilia Alix TI: Lobular dissecting hepatitis in a 17 month old cocker spaniel KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: A 17 month old castrated mal Collection: Senior Seminars
File: 2004 Artacho.pdf Desc: Description: Size: 46796

URI: <http://hdl.handle.net/1813/2789> Visits: 165

AU: Arteaga, Theresa TI: Necrolytic migratory erythema in a shih tzu KW: Dogs; Diseases; Case studies. IssD: 2003 Pub: Publisher:

ABS: Digbee, a seven year old male, castrated Shih tzu presented to the Cornell Dermatology Service with a progressive history of crusted, pruritic, ulcerative lesions on mucocutaneous junctions. Clinical diagnostics consisted of a CBC/Chemistry Panel, bile acid assay. urinalysis, ultrasound and skin biopsies. The histopathology of the skin biopsies were pathognomonic for Necr Collection: Senior Seminars

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/2521> Visits: 420

AU: Bahrawy, Dina TI: Anesthetic Management of a Kemp's Ridley Sea Turtle KW: reptile anesthesia; sea turtles; cold-stunning IssD: 2003 Pub: Publisher:

ABS: A male juvenile Kemp's Ridley sea Collection: Senior Seminars

File: 2003 Bahrawy.pdf Desc: Description: Size: 358339

URI: <http://hdl.handle.net/1813/2522> Visits: 366

AU: Benander, Benjamin TI: Severe hypertrophic osteodystrophy in a great Dane puppy KW: Dogs; Diseases; Case studies; Hypertrophic Osteodystrophy IssD: 2004 Pub: Publisher:

ABS: A four month old, inta Collection: Senior Seminars

File: 2004 Benander.pdf Desc: Description: Size: 30711

URI: <http://hdl.handle.net/1813/2790> Visits: 196

AU: Berliner, Elizabeth TI: Feline splenic mast cell tumor KW: Systemic mastocytosis; mast cell; splenomegaly; chronic vomiting; mastocythemia IssD: 2003 Pub: Publisher:

ABS: Splenic mast cell Collection: Senior Seminars

File: 2003 Berliner.pdf Desc: Description: Size: 111364

URI: <http://hdl.handle.net/1813/2523> Visits: 524

AU: Bilderback, Ann TI: Generalized tetanus in a four-month-old bull mastiff puppy KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: "Tucker" Gold, a four-month Collection: Senior Seminars

File: 2004 Bilderback.pdf Desc: Description: Size: 66523

URI: <http://hdl.handle.net/1813/2791> Visits: 187

AU: Bishop, Todd M. TI: Ultrasound-guided percutaneous ethanol injection (PEI) for the treatment of primary hyperparathyroidism in a dog KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: "Sadie-Mae", a 10 yea Collection: Senior Seminars

File: 2003 Bishop.pdf Desc: Description: Size: 73967

URI: <http://hdl.handle.net/1813/2524> Visits: 438

AU: Bowen, Julia A. TI: Health benefits of the human-animal bond KW: Human-animal relationships; Animals--Therapeutic use IssD: 2004 Pub: Publisher:

ABS: Although our relationship with c Collection: Senior Seminars

File: 2004 Bowen.pdf Desc: Description: Size: 32242

URI: <http://hdl.handle.net/1813/2792> Visits: 165

AU: Byers, Christopher G. TI: Feline bronchial asthma : treatment options for the emergency patient KW: feline bronchial asthma; bronchodilators; corticosteroid; leukotriene; beta2-adrenergic; methylxanthines IssD: 2003 Pub: Publisher:
ABS: Objective: To describe a case report of Collection: Senior Seminars
File: 2003 Byers.pdf Desc: Description: Size: 53709
URI: <http://hdl.handle.net/1813/2525> Visits: 715

AU: Cadavieco-Viejo, Cristina TI: Progressive ethmoid hematoma in a 15 year old Thoroughbred horse KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Progress Collection: Senior Seminars
File: 2003 Cadavieco-Viejo.pdf Desc: Description: Size: 149598
URI: <http://hdl.handle.net/1813/2526> Visits: 442

AU: Campbell, Megan TI: A case of male pseudohermaphroditism in a horse KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: A 2-year-old Arabian filly, Collection: Senior Seminars
File: 2004 Campbell.pdf Desc: Description: Size: 37844
URI: <http://hdl.handle.net/1813/2793> Visits: 153

AU: Carmichael, James T. Jr. TI: The effect of exogenous bovine somatotropin on dairy cattle health KW: Cattle; Diseases; Case Studies IssD: 1990 Pub: Publisher:
ABS: The commercial use of bovine somatotropin to increase commercial milk production is a very controversial topic. Concerns have been raised that bovine somatotropin use will adversely affect cow health. Increased incidence of ketosis, increased incidence of milk fever, increased susceptibility to infectious diseases, chronic wasting and infertility were predicted clinical problems resulting from long-term BST use. This review examines the impact of BST on cow health by reviewing clinical health data from twenty-seven bovine somatotropin production studies. Cows in bovine somatotropin treatment groups had no increased incidence of ketosis or milk fever. Milk somatic cell counts in BST treated cows did not differ significantly from controls. Bovine somatotropin treated animals, like genetically superior high producing cows, had an increased mobilization of body reserves to support increased milk production and reduced reproductive performance. Collection: Senior Seminars
File: 1990 Carmichael Desc: Description: 680792, Size: Jr.pdf
URI: <http://hdl.handle.net/1813/2483> Visits: 478

AU: Carver, Valerie H. TI: Coughing in a dog secondary to intrapulmonary migrating foreign body KW: Dogs; Diseases; Case studies; Coughing; Pulmonary foreign body; Migrating foreign body IssD: 2004 Pub: Publisher:
ABS: A German shorthaired pointer was Collection: Senior Seminars
File: 2004 Carver.pdf Desc: Description: Size: 38245
URI: <http://hdl.handle.net/1813/2794> Visits: 200

AU: Cerda-Gonzalez, Sofia TI: Ectopic ureter in an adult male dog KW: ectopic ureter; incontinence; hyperthermia; hydronephrosis; pyelonephritis IssD: 2003 Pub: Publisher:
ABS: A nine year old male castrated Sib Collection: Senior Seminars
File: 2003 Cerda-Gonzalez.pdf Desc: Description: Size: 30053

URI: <http://hdl.handle.net/1813/2560> Visits: 437

AU: Clark, Andrea TI: Recurrent hemoabdomen in a polo pony KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: "Nola," a nine year old T Collection: Senior Seminars

File: 2004 Clark.pdf Desc: Description: Size: 45311

URI: <http://hdl.handle.net/1813/2795> Visits: 174

AU: Coester, Sandra C. TI: Dietary and Medical Control of Urate Crystalluria in the Feline Patient KW: Dietary and medical control; urate crystalluria; Feline; Cats; liver disease IssD: 1995 Pub: Publisher:

ABS: Tammy is a 10 year old, female spayed black domestic short haired cat with a 6 year history of recurrent cystitis with hematuria and crystalluria. Urinalysis reveals ammonium urate crystal formation. Surgery was performed to remove two, one centimeter, 100% ammonium acid urate stones which were radiographically evident in her bladder. Repeated laboratory tests are inconsistent with liver disease, portosystemic shunts, renal disorders, or any common cause of urate crystalluria. General considerations involving disorders of micturition are presented, with an emphasis on urate cystitis. Additionally, medical and dietary control of this problem in the feline patient is discussed. Collection: Senior Seminars

File: 1995 Coester.pdf Desc: Description: Size: 407897

URI: <http://hdl.handle.net/1813/2504> Visits: 348

AU: Coffey, Margaret TI: Nephrocalcinosis in tilapia from a recirculation production facility KW: Nile tilapia; aquaculture; Fish Disease; nephrocalcinosis IssD: 2003 Pub: Publisher:

ABS: Nile tilapia, *Oreochromis nilot* Collection: Senior Seminars

File: 2003 Coffey.pdf Desc: Description: Size: 39868

URI: <http://hdl.handle.net/1813/2562> Visits: 321

AU: Corcoran, M. Denise TI: A case of hypoadrenocorticism (Addison's disease) in a dog KW: Dogs; Diseases; Case studies; Hypoadrenocorticism; Addison's disease; Adrenal gland; Hyponatremia; Hyperkalemia IssD: 2004 Pub: Publisher:

ABS: Primary hypoadrenocorticism, o Collection: Senior Seminars

File: 2004 Corcoran.pdf Desc: Description: Size: 35040

URI: <http://hdl.handle.net/1813/2796> Visits: 165

AU: Cornelison, Lynda TI: Feline cutaneous asthenia (Ehlers-Danlos syndrome) KW: cutaneous asthenia; Ehlers-Danlos Syndrome; feline; collagen defect IssD: 2003 Pub: Publisher:

ABS: Feline cutaneous asthenia is a rar Collection: Senior Seminars

File: 2003 Cornelison.pdf Desc: Description: Size: 34078

URI: <http://hdl.handle.net/1813/2566> Visits: 400

AU: Cruz-Cardona, Janice A. TI: Clinical management of chylothorax in a dog KW: Dogs; Diseases; Case studies; Chylothorax; Pleural effusion; Thoracic duct ligation; Diaphragmatic hernia; Pericardiectomy; Omentalization IssD: 2004 Pub: Publisher:

ABS: A ten-month old male castr Collection: Senior Seminars

File: 2004 Cruz-Cardona.pdf Desc: Description: Size: 40307

URI: <http://hdl.handle.net/1813/2797> Visits: 119

AU: Cunningham, Suzanne TI: Correction of a patent ductus arteriosus in the dog KW: Patent ductus arteriosus; Coil embolization IssD: 2003 Pub: Publisher:

ABS: This paper describes the correcti Collection: Senior Seminars

File: 2003 Cunningham.pdf Desc: Description: Size: 40629

URI: <http://hdl.handle.net/1813/2571> Visits: 264

AU: Cyr, Jacqueline TI: Canine leptospirosis KW: Leptospirosis; vasculitis disease; renal disease; hepatic disease; dogs IssD: 2003 Pub: Publisher:

ABS: Leptospirosis, a reemerging zoonosis, is Collection: Senior Seminars

File: 2003 Cyr.pdf Desc: Description: Size: 63049

URI: <http://hdl.handle.net/1813/2573> Visits: 544

AU: Deal, Wendy TI: Electrocution and acute respiratory distress syndrome in a puppy KW: electrocution; electrical cord; ARDS; respiratory distress; dyspnea; pulmonary edema IssD: 2003 Pub: Publisher:

ABS: A 4-month old mixed Collection: Senior Seminars

File: 2003 Deal.pdf Desc: Description: Size: 40016

URI: <http://hdl.handle.net/1813/2575> Visits: 489

AU: DeBiasio, John TI: Temporomandibular Septic Arthritis in a Horse KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Sonny is a 20-year-old male Collection: Senior Seminars

File: 2003 DeBiasio.pdf Desc: Description: Size: 38561

URI: <http://hdl.handle.net/1813/2577> Visits: 345

AU: DePauw, Shari TI: Medical management of immune-mediated hepatitis KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: An 8 year old spayed female Jack R Collection: Senior Seminars

File: 2003 DePauw.pdf Desc: Description: Size: 72355

URI: <http://hdl.handle.net/1813/2578> Visits: 377

AU: Dewe-Mathews, Jennifer J. TI: Bilateral adenocarcinomas causing hyperadrenocorticism in a dog KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Naturally occurring hyperadren Collection: Senior Seminars

File: 2003 Dewe-Mathews.pdf Desc: Description: Size: 54630

URI: <http://hdl.handle.net/1813/2579> Visits: 541

AU: Dhanjal, Jusmeen K. TI: A case of equine sarcoids KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: The following paper s Collection: Senior Seminars

File: 2004 Dhanjal.pdf Desc: Description: Size: 37599

URI: <http://hdl.handle.net/1813/2863> Visits: 169

AU: Downing, Jessica TI: Malignant catarrhal fever in a Holstein heifer KW: Cattle; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: A 20-month-old Collection: Senior Seminars

File: 2004 Downing.pdf Desc: Description: Size: 52753
URI: <http://hdl.handle.net/1813/2864> Visits: 177

AU: Driscoll, Maryjean TI: Equine colic KW: Horses; Diseases; Case studies IssD: 1977
Pub: Publisher:

ABS: The term colic refers to pain in the abdominal cavity. The pain may originate in the digestive organs, or in other organs; it may be caused by a variety of pathological changes which develop from different generalized diseases. The original meaning of the term colic was pain caused by a spasm in the colon. (Delahanty, 1967) However, usage has widened the definition to include pain arising from the stomach and other digestive visera, and even pain which may be observed during the Collection: Senior Seminars

File: 1977 Driscoll.pdf Desc: Description: Size: 738934
URI: <http://hdl.handle.net/1813/2475> Visits: 337

AU: Eagleson, Joseph S. TI: Pseudohypoadrenocorticism to myelinolysis in 5 days KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Rapid correction of p Collection: Senior Seminars

File: 2004 Eagleson.pdf Desc: Description: Size: 44091
URI: <http://hdl.handle.net/1813/2865> Visits: 126

AU: Emery, Cathleen TI: A suspected case of Lyme glomerulonephritis in a Labrador retriever KW: Lyme Disease; Glomerulonephritis; Borrelia burgdorferi; Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: "Koko," a three-year-old female Labrador Re Collection: Senior Seminars

File: 2003 Emery.pdf Desc: Description: Size: 119048
URI: <http://hdl.handle.net/1813/2581> Visits: 419

AU: Estra, Tara TI: No more fat pets : canine and feline obesity, how to win KW: Cats; Dogs; Diseases; Case Studies; Obesity IssD: 2003 Pub: Publisher:

ABS: Obesity is the most commo Collection: Senior Seminars

File: 2003 Estra.pdf Desc: Description: Size: 222192
URI: <http://hdl.handle.net/1813/2582> Visits: 461

AU: Fan, Elaine C. TI: Case report of an orbital inflammatory myofibroblastic tumor in a dog KW: Dogs; Diseases; Case studies; inflammatory myofibroblastic tumor; inflammatory fibrosarcoma; orbit IssD: 2005 Pub: Publisher:

ABS: The inflammatory myof Collection: Senior Seminars

File: 2005 Fan.pdf Desc: Description: Size: 1602815
URI: <http://hdl.handle.net/1813/2917> Visits: 129

AU: Feldman, Jean F. TI: Equine coat color genetics KW: Horses; Genetics; Case studies IssD: 1981 Pub: Publisher:

ABS: The effects of the most important coat color genes in horses are reviewed. Teh emphasis is on basic coat colors and patterns and not on the inheritance of markings. White, grey, black, bay, brown, chestnut, palomino, cremello, perlino, buckskin, dun, red dun, grullo, roan, tobiano, overo and silver dapple coat colors are discussed. Collection: Senior Seminars

File: 1981 Feldman.pdf Desc: Description: Size: 646095
URI: <http://hdl.handle.net/1813/2477> Visits: 330

AU: Fietz, Mike TI: Subaortic stenosis, aortic insufficiency, and patent ductus arteriosus in a dog KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: At presentation, Sadie wa Collection: Senior Seminars

File: 2003 Fietz.pdf Desc: Description: Size: 25787

URI: <http://hdl.handle.net/1813/2583> Visits: 447

AU: Fish, Kathleen A. TI: Canine diffuse neuromuscular disease : a case of acute polyradiculoneuritis KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Acute, severe, diffu Collection: Senior Seminars

File: 2004 Fish.pdf Desc: Description: Size: 214496

URI: <http://hdl.handle.net/1813/2869> Visits: 220

AU: Fitzpatrick, Patti TI: Subepiglottic cyst in a quarter horse foal KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Parker, a 5 month old Quar Collection: Senior Seminars

File: 2003 Fitzpatrick.pdf Desc: Description: Size: 25002

URI: <http://hdl.handle.net/1813/2584> Visits: 529

AU: Flaherty, Colleen TI: Replacement of a proptosed eye KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Proptosis is most common Collection: Senior Seminars

File: 2004 Flaherty.pdf Desc: Description: Size: 1292437

URI: <http://hdl.handle.net/1813/2870> Visits: 152

AU: Fronhofer, Lisa J. TI: Feline upper respiratory infection control in northeastern animal shelters KW: Cats; Diseases; Case studies; upper respiratory infection; feline shelter; Northeast IssD: 2004 Pub: Publisher:

ABS: Feline upper respiratory infections ar Collection: Senior Seminars

File: 2004 Fronhofer.pdf Desc: Description: Size: 37478

URI: <http://hdl.handle.net/1813/2871> Visits: 190

AU: Gardner, Jennifer TI: How to improve chances that your first job will be a positive experience KW: Veterinary medicine; Vocational guidance; Job satisfaction IssD: 1994 Pub: Publisher:

ABS: In recent years, there has been an increasing concern highlighting the difficulties and strains of becoming a doctor and practicing veterinary medicine. Tuition and other costs increasing astronomically, lingering educational debts, long working hours, modest compensation, and often insensitive employers have all been cited as factors making veterinary medicine a less attractive career than in the past. A survey conducted by John Lofflin in 1991 of Associate Veterinarians, the author of the article, "Unhappy Associates," in the June 1993 issue cited that 66.7% of 216 respondents are no longer with the hospital they initially joined and 72.4% left within two years. Inspired by Dr. Lofflin, I decided to do a study of my own, using the 1992 veterinary medicine graduates of Cornell University as subjects. The goal of this study was to identify factors associated with the apparently increasing level of associate unhappiness. Collection: Senior Seminars

File: 1994 Gardner.pdf Desc: Description: Size: 480734

URI: <http://hdl.handle.net/1813/3012> Visits: 161

AU: Garrett, Katherine TI: Diagnosis and management of glaucoma in a horse KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: ?Sunny,? a 15-year-old Quarter Hor Collection: Senior Seminars
File: 2003 Garrett.pdf Desc: Description: Size: 259160
URI: <http://hdl.handle.net/1813/2744> Visits: 270

AU: Geiger, David A. TI: Canine thromboembolic disease : a case study and review KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: An adult castrated male golden retrie Collection: Senior Seminars
File: 2003 Geiger.pdf Desc: Description: Size: 100601
URI: <http://hdl.handle.net/1813/2745> Visits: 400

AU: Gold, Sarah TI: Urolithiasis and chronic renal failure in an Arabian gelding KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: A 14-year-old Arabian geldin Collection: Senior Seminars
File: 2004 Gold.pdf Desc: Description: Size: 51662
URI: <http://hdl.handle.net/1813/2872> Visits: 184

AU: Good, Jennifer TI: Canine immune-mediated hemolytic anemia : presentation and treatment KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Canine immune medi Collection: Senior Seminars
File: 2003 Good.pdf Desc: Description: Size: 68375
URI: <http://hdl.handle.net/1813/2746> Visits: 308

AU: Gordon, Andra TI: A case of spraying and house soiling in a domestic shorthair cat KW: Cats; Diseases; Case studies; feline; spraying; fluoxetine; urination IssD: 2004 Pub: Publisher:
ABS: A domestic shorthaire Collection: Senior Seminars
File: 2004 Gordon.pdf Desc: Description: Size: 31766
URI: <http://hdl.handle.net/1813/2873> Visits: 138

AU: Gordon, Chris TI: Shaker syndrome in a cat KW: Cats; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: A 17-month old, castrated m Collection: Senior Seminars
File: 2003 Gordon.pdf Desc: Description: Size: 39980
URI: <http://hdl.handle.net/1813/2747> Visits: 237

AU: Gorgi, Alireza A. TI: White muscle disease in foals KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: White muscle diseas Collection: Senior Seminars
File: 2004 Gorgi.pdf Desc: Description: Size: 70518
URI: <http://hdl.handle.net/1813/2874> Visits: 199

AU: Gorman, Thomas N. TI: Neonatal isoerythrolysis in a Standardbred foal KW: Horses; Diseases; Case studies IssD: 1957 Pub: Publisher:
ABS: This filly was born on July 3, 1956. At birth she was a strong, robust foal that took to nursing promptly and gave every indication of perfect health. On July 7, 1956 the

filly was noted to be weak, not nursing, and unable to keep up with the dam in the paddock. Collection: Senior Seminars

File: 1957 Gorman.pdf Desc: Description: Size: 650402

URI: <http://hdl.handle.net/1813/3005> Visits: 109

AU: Greenberg, Marc J. TI: Bilateral slipped capital femoral epiphyses secondary to physeal dysplasia in a cat KW: Cats; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Slipped capital femora Collection: Senior Seminars

File: 2003 Greenberg.pdf Desc: Description: Size: 30199

URI: <http://hdl.handle.net/1813/2748> Visits: 144

AU: Grocock, Geof. TI: Rinderpest surveillance in eastern African wildlife KW: Cattle; Diseases; Case studies; Rinderpest; Eastern Africa; Wildlife; Epidemiology; Surveillance IssD: 2003 Pub: Publisher:

ABS: Rinderpest is a morbillivirus t Collection: Senior Seminars

File: 2003 Grocock.pdf Desc: Description: Size: 1869437

URI: <http://hdl.handle.net/1813/2749> Visits: 183

AU: Han, Janet TI: A case of a ventricular septal defect with bi-directional shunting in a Thoroughbred colt KW: Horses; Abnormalities; Case studies IssD: 2004 Pub: Publisher:

ABS: "Cassette Player '03" Bilins Collection: Senior Seminars

File: 2004 Han.pdf Desc: Description: Size: 44079

URI: <http://hdl.handle.net/1813/2875> Visits: 207

AU: Harris, Ann C. TI: People, pets, problems : social work aspects of the veterinarian-client relationship KW: Human - Companion Animal Bond; Client Relations; Social Work IssD: 1983 Pub: Publisher:

ABS: Through a recent surge of interest and research, society has begun to discover and recognize the meaning and significance of the human?companion animal bond. Knowledge gained concerning the intense and involved relationships between owner and pet has placed new significance upon the role of the veterinarian in maintaining and improving human mental, p Collection: Senior Seminars

File: 1983 Harris.pdf Desc: Description: Size: 1084377

URI: <http://hdl.handle.net/1813/2480> Visits: 377

AU: Hatfield, Dana TI: Perirenal pseudocysts in a Himalayan cat with polycystic kidney disease KW: Cats; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: This is a case study of a geriatric, m Collection: Senior Seminars

File: 2004 Hatfield.pdf Desc: Description: Size: 213887

URI: <http://hdl.handle.net/1813/2876> Visits: 125

AU: Haverly, Christopher P. TI: Vascular ring anomaly resulting in esophageal stricture in a cat KW: Cats; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Vascular rings are the res Collection: Senior Seminars

File: 2003 Haverly.pdf Desc: Description: Size: 382609

URI: <http://hdl.handle.net/1813/2750> Visits: 182

AU: Hawley, Bridget TI: Equine corneal ulcer with keratomalacia : medical management KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: "Rodeo" is an 8-year-old Collection: Senior Seminars
File: 2003 Hawley.pdf Desc: Description: Size: 30956
URI: <http://hdl.handle.net/1813/2751> Visits: 192

AU: Huckell, Alisa TI: Pulmonary thromboemboli : a case of acute respiratory distress in a shih tzu : recognition, diagnosis, and treatment options KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Pulmonary thro Collection: Senior Seminars
File: 2003 Huckell.pdf Desc: Description: Size: 52497
URI: <http://hdl.handle.net/1813/2752> Visits: 294

AU: Hutten, Erica TI: Intra-abdominal abscess causing jejunal obstruction in a mare KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: A 12-year-old Standard Collection: Senior Seminars
File: 2003 Hutten.pdf Desc: Description: Size: 28176
URI: <http://hdl.handle.net/1813/2753> Visits: 174

AU: Isenberg, Israel TI: To cut or not to cut : analysis of caesarean sections in a New York state dairy herd KW: Cattle; Surgery; Case studies IssD: 2004 Pub: Publisher:
ABS: Pregnancy and parturition are nec Collection: Senior Seminars
File: 2004 Isenberg.pdf Desc: Description: Size: 49962
URI: <http://hdl.handle.net/1813/2883> Visits: 121

AU: Janeczko, Stephanie D. TI: Probable electrocution in a quarter horse stallion KW: Horses; Diseases; Case studies; electrocution; ventricular tachycardia IssD: 2004 Pub: Publisher:
ABS: Although electrocution is widely reported Collection: Senior Seminars
File: 2004 Janeczko.pdf Desc: Description: Size: 35841
URI: <http://hdl.handle.net/1813/2884> Visits: 161

AU: Jensen, Kristen TI: Free ranging rhesus monkeys (Macaca mulatta) and herpesvirus B : public health risks in Puerto Rico KW: Monkeys; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Two species of introduced non-human pr Collection: Senior Seminars
File: 2003 Jensen.pdf Desc: Description: Size: 80149
URI: <http://hdl.handle.net/1813/2754> Visits: 219

AU: Johnson, JoAnne TI: Ozzy's oronasal fistula : case study of congenital cleft palate in a bulldog puppy KW: Dogs; Abnormalities; Case studies IssD: 2003 Pub: Publisher:
ABS: A 10-week-old male B Collection: Senior Seminars
File: 2003 Johnson.pdf Desc: Description: Size: 76118
URI: <http://hdl.handle.net/1813/2755> Visits: 284

AU: Kearns, Margaret TI: Systemic lupus erythematosus in a dog : diagnosis and treatment KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: The following case report describes Collection: Senior Seminars
File: 2003 Kearns.pdf Desc: Description: Size: 51009
URI: <http://hdl.handle.net/1813/2756> Visits: 304

AU: Klene, Erin TI: A case of temporohyoid osteoarthropathy in a 17 year-old Thoroughbred gelding KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: A 17 year-old thoroughbred gelding Collection: Senior Seminars
File: 2004 Klene.pdf Desc: Description: Size: 36593
URI: <http://hdl.handle.net/1813/2885> Visits: 132

AU: Koelemeyer, Shawn TI: Metabolic bone disease in the green iguana (Iguana iguana) for the general small animal clinician KW: Iguanas; Diseases; Case studies; green iguana; Iguana iguana; metabolic bone disease; MBD; juvenile; adult IssD: 2003 Pub: Publisher:
ABS: Metabolic bone disease (MBD) is a Collection: Senior Seminars
File: 2003 Koelemeyer.pdf Desc: Description: Size: 109711
URI: <http://hdl.handle.net/1813/2757> Visits: 201

AU: Lafferty, Caroline TI: Oral squamous cell carcinoma in a Pembroke Welsh corgi KW: Dogs; Diseases; Case studies; Squamous cell carcinoma; oral neoplasia IssD: 2004 Pub: Publisher:
ABS: Kipper, a five-year-old Pembroke Wel Collection: Senior Seminars
File: 2004 Lafferty.pdf Desc: Description: Size: 91428
URI: <http://hdl.handle.net/1813/2886> Visits: 150

AU: Lamphere, Dawna Voelkl TI: Investigation into a suspected outbreak of teratospermia due to pyrethroid poisoning at a bull stud KW: Cattle; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: The possibility that exposure to bifenthrin Collection: Senior Seminars
File: 2003 Lamphere.pdf Desc: Description: Size: 213116
URI: <http://hdl.handle.net/1813/2758> Visits: 210

AU: Leach, Amy TI: Hemotropic mycoplasmosis in a cat KW: Cats; Diseases; Case studies; Feline Hemotropic Mycoplasmosis; Feline Infectious Anemia; Feline Haemobartonellosis; Mycoplasma felis; anemia IssD: 2004 Pub: Publisher:
ABS: This is a case study of Feline Collection: Senior Seminars
File: 2004 Leach.pdf Desc: Description: Size: 159396
URI: <http://hdl.handle.net/1813/2887> Visits: 130

AU: Leon, Dennis TI: Choosing to buy a practice KW: Veterinary Practice; Management; Small Business IssD: 2001 Pub: Publisher:
ABS: When senior veterinary students say that they want to own a practice one day, do they really know what they are talking about? Most students have no idea what owning a veterinary practice is like. Two credits of a practice management class do not quite make these students MBA material. Are these budding entrants? Collection: Senior Seminars
File: 2001 Leon.pdf Desc: Description: Size: 443868
URI: <http://hdl.handle.net/1813/2512> Visits: 301

AU: LeVine, Dana TI: Platelet function and dysfunction : hereditary canine thrombopathias KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: Platelets are essential in maintaining the dog's health Collection: Senior Seminars
File: 2004 LeVine.pdf Desc: Description: Size: 142154
URI: <http://hdl.handle.net/1813/2888> Visits: 140

AU: Lin, Rebecca C. TI: Fractures of the radius and ulna secondary to possible vitamin D deficiency in captive polar bears (*ursus maritimus*) KW: Bears; Diseases; Case studies; Polar Bears; fracture repair; Vitamin D IssD: 2004 Pub: Publisher:

ABS: Fractures in captive polar bears are no Collection: Senior Seminars

File: 2004 Lin.pdf Desc: Description: Size: 45568

URI: <http://hdl.handle.net/1813/2889> Visits: 142

AU: Liu, Christine TI: Exocrine pancreatic insufficiency in a German shepherd dog KW: Disease; Dogs; diet; Pancreatic Proteases IssD: 1999 Pub: Publisher:

ABS: A two year-old spayed, female German Shepherd Dog was referred to the Cornell University Companion Animal Hospital on October 22, 1998 for further evaluation of diarrhea that was poorly responsive to treatment. The owners first noticed signs of diarrhea and weight loss when the dog was less than a year old, after being boarded at a kennel. The referring veterinarian diagnosed her with exocrine pancreatic insufficiency (EPI) and possible bacterial overgrowth after a physical exam and lab work in March, 1997. Physical exam revealed no abnormalities except a thin dog with diarrhea. The lab work revealed a low trypsin-like immunoreactivity (TLI) of 0.5 ng/ml (Reference range: 535 ng/ml) consistent with EPI. The referring veterinarian began treating her for EPI with the following drugs: Tagamet, Viokase powder, and linmodium and Pepto Bismol as needed. She was also cycled on and off Metronidazole and Tetracycline depending on the severity of her clinical signs. She was started on Hills L?D canned with Eukanuba Low Residue dry dog food. Although she has responded to the therapy, the dog was referred to Cornell because of recurrent diarrhea flare-ups and incomplete weight gain. Collection: Senior Seminars

File: 1999 Liu.pdf Desc: Description: Size: 434601

URI: <http://hdl.handle.net/1813/2505> Visits: 502

AU: Lowry, Nancy TI: The repair of severely comminuted long bone fractures using stored cortical allografts in conjunction with fresh cancellous autografts KW: Dogs; Fractures; Transplantation of organs and tissues IssD: 1987 Pub: Publisher:

ABS: High velocity type injuries to the diaphyseal region of the long bones can often result in the literal explosion of the bone into numerous small fragments. Efforts to anatomically reconstruct such severely comminuted fractures, using only the traditional means of internal fixation, usually requires lengthy and difficult surgery which, in turn, increases both the anesth Collection: Senior Seminars

File: 1987 Lowry.pdf Desc: Description: Size: 504259

URI: <http://hdl.handle.net/1813/2481> Visits: 329

AU: Lucena, Hamlin, Jr. TI: A case of multicentric enzootic lymphoma in a Holstein cow KW: Cattle; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: A 5 year old Hols Collection: Senior Seminars

File: 2004 Lucena.pdf Desc: Description: Size: 32453

URI: <http://hdl.handle.net/1813/2890> Visits: 130

AU: Mackey, Patricia TI: Canine sialoceles KW: Dogs; Diseases; Case studies; sialocele; mucocele; ranula; sialoadenectomy IssD: 2004 Pub: Publisher:

ABS: An eight-month-old female spayed Collection: Senior Seminars

File: 2004 Mackey.pdf Desc: Description: Size: 29328

URI: <http://hdl.handle.net/1813/2891> Visits: 153

AU: MacKillop, Edward TI: "Seizures" in a cocker spaniel dog KW: Dogs; Diseases; Case studies; Intracranial epidermoid cyst; central vestibular; syringohydromyelia IssD: 2004 Pub: Publisher:

ABS: A five-year-old female C Collection: Senior Seminars

File: 2004 MacKillop.pdf Desc: Description: Size: 41445

URI: <http://hdl.handle.net/1813/2892> Visits: 159

AU: MacLeod, Alexander G. TI: Management of acute renal failure in a cat KW: Cats; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: A 6 year-old, spayed female, domestic shor Collection: Senior Seminars

File: 2003 MacLeod.pdf Desc: Description: Size: 44001

URI: <http://hdl.handle.net/1813/2759> Visits: 232

AU: Macri, Nicholas P. TI: Canine distemper in a wild raccoon KW: Raccoon; Diseases; Case Studies IssD: 1990 Pub: Publisher:

ABS: The raccoon (*Procyon lotor*) is a member of the Procyonidae family. This group comprises nine genera and eighteen species including the ring-tailed cat (*Bassariscus astutus*), the central american cacoisttle (*Jientikip suinichrasti*), the coatimundi (*Nasua nasua*), the raccoon (*Procyon lotor*), the mountain coati (*Nasuella o. olivacea*), the kinkajou (*Potus flavus*), the olingo (*Brassaricyon gabbii*), the lesser panda (*Ailurus ful* Collection: Senior Seminars

File: 1990 Macri.pdf Desc: Description: Size: 649882

URI: <http://hdl.handle.net/1813/2484> Visits: 540

AU: Martel, Django TI: Adrenocortical disease in the ferret KW: Ferrets; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Adrenocortical disease is Collection: Senior Seminars

File: 2003 Martel.pdf Desc: Description: Size: 169692

URI: <http://hdl.handle.net/1813/2760> Visits: 182

AU: McCarthy, Rebecca Myers TI: Correction of left displacement of the abomasum using a percutaneous bar suture ("toggle pin") KW: Cattle; Diseases; Surgery; Case Studies IssD: 1987 Pub: Publisher:

ABS: Left displacement of the abomasum (LDA) is an economically important condition commonly encountered by the dairy practitioner. Abomasal displacement was either not present or not diagnosed prior to the early 1950's, when the first reports appeared. The risk of developing an LDA is greater in highproducing cows from intensively managed herds, adding LDA to the list of production diseases that plagues the modern dairy cow. The incidence in problem herds may range as high as 20%, and in 80% of ca Collection: Senior Seminars

File: 1987 McCarthy.pdf Desc: Description: Size: 1050936

URI: <http://hdl.handle.net/1813/2482> Visits: 359

AU: McMullen, Brendan R. TI: Evaluation of chronic weight loss in a horse KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: "Spencer", an 11 year old Thoroughbred Collection: Senior Seminars

File: 2003 McMullen.pdf Desc: Description: Size: 55430

URI: <http://hdl.handle.net/1813/2761> Visits: 276

AU: McNair, LaShonn Lynette TI: Canine and feline heartworm disease : the dangers and the differences KW: Dogs; Cats; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Canine and feline heartworm disea Collection: Senior Seminars

File: 2004 McNair.pdf Desc: Description: Size: 45952

URI: <http://hdl.handle.net/1813/2893> Visits: 150

AU: Miller, Rebecca A. TI: Neonatal isoerythrolysis in a Standardbred foal KW: Horses; Diseases; Case studies; Neonate; Isoerythrolysis; Icterus; Anemia; Alloantibody; Isoantibody; Hemolysis IssD: 1991 Pub: Publisher:

ABS: A two-day-old Standardbred filly was examined for progressive lethargy and weakness of eight hours duration. Signs of recumbency, depression, pale mucous membranes, icterus and tachycardia suggested a diagnosis of neonatal isoerythrolysis. Laboratory findings supported this diagnosis, and medical therapy, including blood transfusions, fluids, antibiotics and oxygen therapy resulted in marked clinical improvement. This condition, which is relatively uncommon in horses, can have fatal consequences if not treated early enough. Early recognition and treatment, as in this case, can prevent mortality. Predictive testing and post-partum management can also prevent deaths due to isoerythrolysis. These will be discussed in this report. Collection: Senior Seminars

File: 1991 Miller.pdf Desc: Description: Size: 653188

URI: <http://hdl.handle.net/1813/3011> Visits: 107

AU: Miner, Ed TI: Using rectal temperature measurements in fresh cow monitoring programs and treatment protocols KW: Cattle; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Today's dairy industry is marked by decreasing or s Collection: Senior Seminars

File: 2003 Miner.pdf Desc: Description: Size: 108326

URI: <http://hdl.handle.net/1813/2762> Visits: 228

AU: Moger, Ann TI: Canine meningioma KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: "Lucky", a nine year old, Collection: Senior Seminars

File: 2004 Moger.pdf Desc: Description: Size: 35549

URI: <http://hdl.handle.net/1813/2894> Visits: 200

AU: Morgan, Erica D. TI: Canine muscular dystrophy : case presentation and pathophysiology KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Canine muscular dystrophy is a rare, inherited disorder. Thus far, all of the mutations characterized in dogs with muscular dystrophy have been in the dystrophin gene. This pa Collection: Senior Seminars

File: 2003 Morgan.pdf Desc: Description: Size: 46549

URI: <http://hdl.handle.net/1813/2763> Visits: 210

AU: Mumford, Jessica TI: A case of west Nile virus encephalomyelitis in a six month old Standardbred colt KW: Horses; Diseases; Case Studies IssD: 2004 Pub: Publisher:

ABS: West Nile virus is a signific Collection: Senior Seminars

File: 2004 Mumford.pdf Desc: Description: Size: 33725

URI: <http://hdl.handle.net/1813/2920> Visits: 150

AU: Nachbar, Scott G. TI: Cervical vertebral instability in a Tennessee walking horse
KW: Horses; Diseases; Case Studies IssD: 1991 Pub: Publisher:

ABS: Cervical vertebral instability is a disease of young, rapidly growing horses of any breed which results in dynamic compression of the cervical spinal cord causing weakness and ataxia in all four limbs. Nutritional, genetic, biomechanical, and traumatic factors may all contribute to the development of the disease. Surgical stabilization of the affected intervertebral joint is helpful in selected cases, with improvement evident in most horses within one year. Collection: Senior Seminars

File: 1991 Nachbar.pdf Desc: Description: Size: 447862

URI: <http://hdl.handle.net/1813/2485> Visits: 418

AU: Nichols, R.W., III. TI: Balancing career and personal life : practice ownership models for the next generation of veterinary medicine KW: Veterinary medicine; Practice IssD: 2003 Pub: Publisher:

ABS: This seminar analyzes bo Collection: Senior Seminars

File: 2003 Nichols.pdf Desc: Description: Size: 125146

URI: <http://hdl.handle.net/1813/2764> Visits: 305

AU: Nobrega, Stephanie TI: Management of feline diabetes mellitus KW: Cats; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Sarah, a 14 year old female spayed domest Collection: Senior Seminars

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/2895> Visits: 126

AU: Olenick, Vanessa P. TI: Immune-mediated hemolytic anemia in a cocker spaniel
KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Callie Hevner, a five year old f Collection: Senior Seminars

File: 2004 Olenick.pdf Desc: Description: Size: 44349

URI: <http://hdl.handle.net/1813/2896> Visits: 173

AU: Ollivett, Terri TI: Drug induced immune mediated hemolytic anemia in a quarter horse
KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: A 9 year old dun Quarter Ho Collection: Senior Seminars

File: 2004 Ollivett.pdf Desc: Description: Size: 25886

URI: <http://hdl.handle.net/1813/2897> Visits: 149

AU: Olsen, Karin TI: Malignant histiocytosis in a cat KW: Cats; Diseases; Case studies
IssD: 2003 Pub: Publisher:

ABS: Tobey Jones, a 13 year-old male castrat Collection: Senior Seminars

File: 2003 Olsen.pdf Desc: Description: Size: 106448

URI: <http://hdl.handle.net/1813/2765> Visits: 194

AU: Osier, Lisa B. TI: Diagnosis, Pathophysiology and Treatment of Glomerulopathy in a Dog
KW: Dogs; Diseases; Case studies; glomerulonephritis; amyloidosis; B. burgdorferi; enalapril; Epogen IssD: 2004 Pub: Publisher:

ABS: A nine-year-old, female spay Collection: Senior Seminars

File: 2004 Osier.pdf Desc: Description: Size: 102549

URI: <http://hdl.handle.net/1813/2912> Visits: 166

AU: Ospina, Paula TI: Artificial insemination in a developing country : a tool for better production KW: Cattle; Artificial insemination IssD: 2003 Pub: Publisher:

ABS: During August and September of Collection: Senior Seminars

File: 2003 Ospina.pdf Desc: Description: Size: 30983

URI: <http://hdl.handle.net/1813/2766> Visits: 169

AU: Ottosen, Marilyn TI: Surgical repair of a corneal laceration in an alpaca KW: Alpacas; Surgery; Case studies IssD: 2003 Pub: Publisher:

ABS: Corneal lesions can be tre Collection: Senior Seminars

File: 2003 Ottosen.pdf Desc: Description: Size: 25811

URI: <http://hdl.handle.net/1813/2767> Visits: 160

AU: Pasnik, David TI: An outbreak of furunculosis at a fish farm : the diagnosis, control, and prevention of systemic *Aeromonas salmonicida* infection KW: fish disease; Atlantic Salmon; fish farms IssD: 1999 Pub: Publisher:

ABS: The following is a case of fish disease that occurred mid-September 1998 in Canada. The site manager of an Atlantic salmon (*Salmo salar*) fish farm called a fish veterinarian to report his concerns. These concerns included gradually increasing mortalities in three of his eight seawater fish pens over the past two weeks. Normally, he expected to have an average of 10 mortalities per day per pen, but the number had increased to an average of 40. He said that the affected fish were lethargic, anorexic, and had a dark body color. The site manager was also worried, because a fish farm one mile away was reportedly having disease problems. Because this history was vague and not indicative of any Collection: Senior Seminars

File: 1999 Pasnik.pdf Desc: Description: Size: 402694

URI: <http://hdl.handle.net/1813/2507> Visits: 458

AU: Perez, Laura M. TI: Acute liver failure in a horse KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: "Rebel," a 13 year old quarter h Collection: Senior Seminars

File: 2003 Perez.pdf Desc: Description: Size: 35839

URI: <http://hdl.handle.net/1813/2768> Visits: 250

AU: Plant, Jessica E. E. TI: Canine degenerative corneal endothelial disease and the management of the disease in the private practice KW: Dogs; Diseases; Case studies; Cornea; endothelial degeneration; corneal edema; bullous keratopathy; thermokeratoplasty IssD: 2004 Pub: Publisher:

ABS: Alex Poe is a 15-year old Collection: Senior Seminars

File: 2004 Plant.pdf Desc: Description: Size: 48868

URI: <http://hdl.handle.net/1813/2898> Visits: 177

AU: Ponzio, Nicole TI: Transvenous pacemaker implantation for the treatment of a canine bradyarrhythmia KW: Dogs; Diseases; Case Studies IssD: 2003 Pub: Publisher:

ABS: Sammy, a 12-year-old, ma Collection: Senior Seminars

File: 2003 Ponzio.pdf Desc: Description: Size: 366614

URI: <http://hdl.handle.net/1813/2769> Visits: 127

AU: Re, Meredith TI: An unusual case of pancreatic carcinoma in a cat KW: Cats; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: Exocrine carcinomas are the m Collection: Senior Seminars
File: 2004 Re.pdf Desc: Description: Size: 28205
URI: <http://hdl.handle.net/1813/2899> Visits: 174

AU: Reagan, Kelly TI: An orf outbreak in a herd of Boer cross goats KW: Goats; Diseases; Case studies; Orf; contagious ecthyma; Boer goats; parapoxvirus; zoonosis; strawberry footrot IssD: 2003 Pub: Publisher:
ABS: A goat herd outbreak o Collection: Senior Seminars
File: 2003 Reagan.pdf Desc: Description: Size: 44380
URI: <http://hdl.handle.net/1813/2770> Visits: 177

AU: Reed, Leigh Anne TI: Peripheral vascular lesion in a Weimaraner : arteriovenous fistula vs hemangiosarcoma KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: Arteriovenous fistulas and hemangi Collection: Senior Seminars
File: 2004 Reed.pdf Desc: Description: Size: 43415
URI: <http://hdl.handle.net/1813/2900> Visits: 124

AU: Reiller, Edward M. TI: Clinical aspects of canine multiple melanoma KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Multiple myeloma is Collection: Senior Seminars
File: 2003 Reiller.pdf Desc: Description: Size: 43997
URI: <http://hdl.handle.net/1813/2771> Visits: 162

AU: Reynders, Marylisa E. TI: Deep stromal keratitis in a horse KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Infectious ulcerative k Collection: Senior Seminars
File: 2003 Reynders.pdf Desc: Description: Size: 29288
URI: <http://hdl.handle.net/1813/2772> Visits: 208

AU: Roland, Risa M. TI: Surface ECG reflections of repolarization in the aging beagle and mongrel KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: To determine whether electro Collection: Senior Seminars
File: 2003 Roland.pdf Desc: Description: Size: 23582
URI: <http://hdl.handle.net/1813/2773> Visits: 187

AU: Rosa, Brielle V. TI: Clostridial myonecrosis in a 2-year old paint colt KW: Horses; Diseases; Case studies; Clostridium perfringens; myonecrosis; exotoxin; flunixin meglumine IssD: 2004 Pub: Publisher:
ABS: The successful managem Collection: Senior Seminars
File: 2004 Rosa.pdf Desc: Description: Size: 86440
URI: <http://hdl.handle.net/1813/2901> Visits: 171

AU: Rozyczko, Vincent TI: Strangles and its complications in a one year old quarter horse KW: Horses; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Streptococcus equi s Collection: Senior Seminars
File: 2003 Rozyczko.pdf Desc: Description: Size: 34523

URI: <http://hdl.handle.net/1813/2774> Visits: 225

AU: Ruth, Mary TI: Phacoemulsification and implantation of intraocular lenses in a diabetic dog KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Cataracts are a leading caus Collection: Senior Seminars

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/2902> Visits: 149

AU: Schmitt-Weaver, Heidi TI: Pleuropneumonia in a Thoroughbred brood mare KW: Horses; Diseases; Case studies; Equine; Pleuropneumonia; Shipping fever; Pleuritis; Pneumonia IssD: 2003 Pub: Publisher:

ABS: Pleuropneumonia is a life Collection: Senior Seminars

File: 2003 Schmitt-Weaver.pdf Desc: Description: Size: 27693

URI: <http://hdl.handle.net/1813/2775> Visits: 217

AU: Schnabel, Lauren V. TI: Primary alimentary lymphoma in a 23-year-old palomino mare KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Alimentary neoplasia is r Collection: Senior Seminars

File: 2004 Schnabel.pdf Desc: Description: Size: 99981

URI: <http://hdl.handle.net/1813/2903> Visits: 149

AU: Schnee, Steven TI: Cryptorchid testicular teratoma in a horse KW: Horses; Diseases; Case studies; Equine; Cryptorchid; Testicle; Teratoma IssD: 2003 Pub: Publisher:

ABS: Maplewood Rusty was a two Collection: Senior Seminars

File: 2003 Schnee.pdf Desc: Description: Size: 28131

URI: <http://hdl.handle.net/1813/2776> Visits: 192

AU: Schwedt, Heather TI: Plumbism in a poodle KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Cinnamon is a nine-year-old fem Collection: Senior Seminars

File: 2003 Schwedt.pdf Desc: Description: Size: 34154

URI: <http://hdl.handle.net/1813/2777> Visits: 188

AU: Scott, Suzanne E. TI: A case of canine diabetic cataracts KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: Zeus, a 7-year-old, male-ca Collection: Senior Seminars

File: 2004 Scott.pdf Desc: Description: Size: 72563

URI: <http://hdl.handle.net/1813/2904> Visits: 159

AU: Seitel, Kathleen TI: The equine neonatal maladjustment syndrome : review and case report KW: Horses; Diseases; Case studies IssD: 1983 Pub: Publisher:

ABS: From the moment of birth, the normal foal's activity is highly predictable. It will begin rhythmic breathing within 30 seconds and become sternal within 5 minutes. The sucking reflex will be present within 20 minutes, and in approximately one hour, the foal will stand. By 1 1/2 hours post-partum, the foal will have begun suckling from the mare. From this time onward, suckling will occur at regular 30-50 minute intervals. Meconium excretion and micturition are seen within 15 hours post-partum. Given such a defined and familiar routine, the knowledgeable horse owner easily recognized a breakdown in this behavioral pattern during the neonatal period, which is defined here

as the first four days of the foal's life. Changes in behavior are seen as nonspecific signs in neonatal disease. It is the practitioner's role to interpret the clinical signs, provide a diagnosis, formulate a treatment regimen, and offer a prognosis for the foal. Collection: Senior Seminars

File: 1983 Seitel.pdf Desc: Description: Size: 762921

URI: <http://hdl.handle.net/1813/3006> Visits: 97

AU: Sheth, Ami TI: Patent ductus arteriosus in a juvenile alpaca KW: Alpacas; Abnormalities; Case studies IssD: 2004 Pub: Publisher:

ABS: On March 3, 2003, "Samson&qu Collection: Senior Seminars

File: 2004 Sheth.pdf Desc: Description: Size: 45993

URI: <http://hdl.handle.net/1813/2905> Visits: 164

AU: Smoliga, James TI: Iliac fracture as a cause of lameness in a racing Thoroughbred KW: Horses; Fractures; Case studies IssD: 2003 Pub: Publisher:

ABS: Buddha is a three year old T Collection: Senior Seminars

File: 2003 Smoliga.pdf Desc: Description: Size: 28488

URI: <http://hdl.handle.net/1813/2778> Visits: 208

AU: Snyder, Amy B. TI: The management of severe, chronic laminitis in a horse KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: "Hopper", a 10-year-old Morga Collection: Senior Seminars

File: 2004 Snyder.pdf Desc: Description: Size: 99561

URI: <http://hdl.handle.net/1813/2906> Visits: 158

AU: Soffler, Carl TI: Renal failure secondary to ascending urinary tract infection and pyelonephritis in a horse KW: Horses; Diseases; Case studies; pyelonephritis; hydronephrosis; urinary tract infection; renal failure IssD: 2004 Pub: Publisher:

ABS: Pyelonephritis is an uncommon cau Collection: Senior Seminars

File: 2004 Soffler.pdf Desc: Description: Size: 101362

URI: <http://hdl.handle.net/1813/2907> Visits: 164

AU: Sosa, Daniel TI: Canine aggression : recognition and management of common aggressive behavioral problems in dogs KW: Dogs; Behavior; Case studies IssD: 2003 Pub: Publisher:

ABS: On June 25th, 2002, "S Collection: Senior Seminars

File: 2003 Sosa.pdf Desc: Description: Size: 56484

URI: <http://hdl.handle.net/1813/2779> Visits: 277

AU: Spielzinger, Allison TI: Severe septic arthritis and cellulitis in a mare KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: "Theology" presented to the Equi Collection: Senior Seminars

File: 2004 Spielzinger.pdf Desc: Description: Size: 37461

URI: <http://hdl.handle.net/1813/2908> Visits: 141

AU: Sponseller, Brett A. TI: A pedigree analysis of cerebellar cortical abiotrophy in the Arabian horse KW: Horses; Diseases; Case studies; Cerebellar disease; Cerebellar cortex; Cerebellar ataxia; Pedigree; Horse diseases IssD: 1994 Pub: Publisher:

ABS: Cerebellar abiotrophy in Arabian horses clinically manifests itself early in the life of affected individuals as ataxia, an intention head tremor, and lack of a menace blink response. Histopathologically, there is a marked loss of Purkinje neurons. The etiology of this disease has remained undetermined; viral isolation studies in affected individuals have been unrewarding. A hereditary basis for this disease has been proposed. This report reviews the pertinent neuroanatomy, clinical signs, histopathology, and includes the preliminary results of a pedigree analysis of fifty affected individuals. Collection: Senior Seminars
File: 1994 Sponseller.pdf Desc: Description: Size: 683652
URI: <http://hdl.handle.net/1813/3013> Visits: 135

AU: Stalzer, Irene TI: Calcium oxalate urolithiasis in the canine patient KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: A seven year old male castra Collection: Senior Seminars
File: 2003 Stalzer.pdf Desc: Description: Size: 29986
URI: <http://hdl.handle.net/1813/2780> Visits: 254

AU: Stern, Karen A. TI: Retrospective study of canine and feline immune-mediated pancytopenia KW: Dogs; Cats; Diseases; Case studies IssD: 2005 Pub: Publisher:
ABS: A retrospective study of canine and Collection: Senior Seminars
File: 2005 Stern.pdf Desc: Description: Size: 206594
URI: <http://hdl.handle.net/1813/2919> Visits: 172

AU: Stokowski, Annie TI: An outbreak investigation of ionophore toxicity in a group of Jersey heifers KW: Cattle; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Lavender, an 8 month old Jersey heif Collection: Senior Seminars
File: 2003 Stokowski.pdf Desc: Description: Size: 47775
URI: <http://hdl.handle.net/1813/2781> Visits: 124

AU: Sullivan, Elizabeth TI: Feline vaccine-associated sarcoma : a case report and current management options KW: Cats; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Feline vaccine-associated sarcomas (VA Collection: Senior Seminars
File: 2003 Sullivan.pdf Desc: Description: Size: 34265
URI: <http://hdl.handle.net/1813/2782> Visits: 197

AU: Taylor, Anita TI: Nasal aspergillosis in a dog KW: Dogs; Diseases; Case studies IssD: 2004 Pub: Publisher:
ABS: A 10 year old, male castrated mixed bree Collection: Senior Seminars
File: 2004 Taylor.pdf Desc: Description: Size: 28030
URI: <http://hdl.handle.net/1813/2909> Visits: 155

AU: Thornton, Cynthia TI: Feline infectious respiratory disease complex : herpesvirus, calicivirus, Chlamydia psittaci var. felis KW: Cats; Diseases; Case studies IssD: 2000 Pub: Publisher:
ABS: Upper respiratory infections are commonly seen in young kittens and debilitated cats, often when the cats reside in colonies (strays, barn cats, etc.) or multicat households. Vaccinations are effective but not entirely foolproof. 90% of upper respiratory infections with ocular / nasal discharge in young kittens can be attributed to FRV (Feline Rhinotracheitis virus) or FCV (Feline Calici virus). FCV is more commonly

seen due to a greater antigenic diversity compared to the single serotype for FRV. About 5-10% of mild URI's with ocular discharge can be attributed to *Chlamydia psittaci* var. *felis*. Collection: Senior Seminars
File: 2000 Thornton.pdf Desc: Description: Size: 229005
URI: <http://hdl.handle.net/1813/3018> Visits: 129

AU: Tillou, Brett TI: The economics of a boarding kennel in a veterinary hospital KW: Kennel management; Veterinary medicine; Practice; Economic aspects IssD: 2004 Pub: Publisher:
ABS: There are over 280 million p Collection: Senior Seminars
File: 2004 Tillou.pdf Desc: Description: Size: 28579
URI: <http://hdl.handle.net/1813/2913> Visits: 183

AU: Tillou, Guy J. TI: A case of unilateral renal lymphosarcoma in a cat KW: Cats; Diseases; Case studies IssD: 1978 Pub: Publisher:
ABS: Feline lymphosarcoma is the most common neoplastic disease affecting cats. The clinical manifestation of the disease is extremely variable but it will generally appear in one or more of four pathological patterns: me Collection: Senior Seminars
File: 1978 Tillou.pdf Desc: Description: Size: 343927
URI: <http://hdl.handle.net/1813/2476> Visits: 391

AU: Trachtenberg, David TI: Thermography as an aid in the diagnosis of equine lameness KW: Horses; Diseases; Case studies IssD: 1992 Pub: Publisher:
ABS: Thermography as an aid in the diagnosis of equine lameness Collection: Senior Seminars
File: 1999 Trachtenberg.pdf Desc: Description: Size: 322964
URI: <http://hdl.handle.net/1813/3016> Visits: 136

AU: Tseng, Florina TI: Captive breeding of exotic animals KW: Zoo animals; Breeding; Case studies; artificial insemination; inbreeding IssD: 1981 Pub: Publisher:
ABS: Captive breeding of exotic animals has become the primary goal of most zoological parks today. This is due to increasingly stringent export laws which make it difficult to bring certain species from their countries of origin/and, even more importantly, to the growing number of endangered species whose natural habitats are being destroyed. A discussion of general considerations in long term breeding programs is presented, followed by several examples of successful natural breeding programs in captivity. Artificial breeding techniques, including electroejaculation and artificial insemination, are discussed. Problems with breeding programs, such as inbreeding depression, are illustrated. Collection: Senior Seminars
File: 1981 Tseng.pdf Desc: Description: Size: 623694
URI: <http://hdl.handle.net/1813/2478> Visits: 441

AU: Venator, Kurt R. TI: Cytosine arabinoside therapy for meningoencephalitis of unknown etiology in seven dogs KW: Dogs; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Granulomatous meningoencephalitis (GME) Collection: Senior Seminars
File: 2003 Venator.pdf Desc: Description: Size: 87342
URI: <http://hdl.handle.net/1813/2783> Visits: 265

AU: Wallingford, Susan TI: Genetics of feline coat color KW: feline; cat; genetics; heredity; coat color IssD: 1982 Pub: Publisher:

ABS: The purpose of this paper is to provide the small animal practitioner or cat fancier with an introduction to the genetics of feline coat color. It is assumed that the reader has a basic understanding of simple Mendelian genetics. Various coat colors and patterns are discussed including tabbies, solid colors, Burmese, Siamese, tortoiseshells, shaded and tipped colors. There is also a discussion on the genetics of coat length and texture.

Collection: Senior Seminars

File: 1982 Wallingford.pdf Desc: Description: Size: 8409728

URI: <http://hdl.handle.net/1813/2479> Visits: 579

AU: Wang, Lotus TI: Renal and nutritional causes of secondary hyperparathyroidism KW: Cats; Diseases; Case studies IssD: 2003 Pub: Publisher:

ABS: Secondary hyperparathyroidism is Collection: Senior Seminars

File: 2003 Wang.pdf Desc: Description: Size: 32860

URI: <http://hdl.handle.net/1813/2784> Visits: 245

AU: Warrell, Brendan M. TI: Diagnosis and management of pelvic fractures in the dog KW: Dogs; Fractures; Case studies IssD: 2003 Pub: Publisher:

ABS: "Mia&q Collection: Senior Seminars

File: 2003 Warrell.pdf Desc: Description: Size: 818953

URI: <http://hdl.handle.net/1813/2785> Visits: 243

AU: Warriner, Karen E. TI: Pseudothrombocytopenia in a 4 month old Thoroughbred filly KW: Horses; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: This is the case report of a 4 Collection: Senior Seminars

File: 2004 Warriner.pdf Desc: Description: Size: 52460

URI: <http://hdl.handle.net/1813/2910> Visits: 138

AU: Watts, K. TI: Eccrine adenocarcinoma in a cat's paw KW: Cats; Diseases; Case studies IssD: 2004 Pub: Publisher:

ABS: A geriatric, male castrate, Ame Collection: Senior Seminars

File: 2004 Watts.pdf Desc: Description: Size: 2363742

URI: <http://hdl.handle.net/1813/2911> Visits: 163

AU: Whittred, Susan TI: Traditional age vs. pediatric spays & neuters in cats : is it worth the wait? KW: Cats; Surgery; Case studies IssD: 2003 Pub: Publisher:

ABS: The problem of companion animal overpopulation in the Unite Collection: Senior Seminars

File: 2003 Whittred.pdf Desc: Description: Size: 73026

URI: <http://hdl.handle.net/1813/2786> Visits: 193

AU: Wilcox, Elizabeth L. TI: Hyperviscosity syndrome in a dog with IgM secreting lymphoma KW: Dogs; Diseases; Case studies; hyperviscosity syndrome; retinal venular distension; lymphosarcoma; hyperglobulinemia IssD: 2004 Pub: Publisher:

ABS: On June 13, 2003 a 6 year old intact Collection: Senior Seminars

File: 2004 Wilcox.pdf Desc: Description: Size: 27146

URI: <http://hdl.handle.net/1813/2915> Visits: 234

AU: Yaloff, Barrie TI: Extrahepatic portosystemic shunt in a cat : clinical presentation, diagnosis, and treatment KW: Cats; Diseases; Case studies IssD: 2003 Pub: Publisher:
ABS: Midnight Louie Gehres, a si Collection: Senior Seminars
File: 2003 Yaloff.pdf Desc: Description: Size: 24905
URI: <http://hdl.handle.net/1813/2787> Visits: 178

AU: Yee, Kristine TI: Seronegative myasthenia gravis in a silky terrier KW: Dogs; Diseases; Case studies; Myasthenia gravis; Seronegative; Acetylcholine receptor antibody IssD: 2003 Pub: Publisher:
ABS: "Bella", a 2-yr FS Silky Terrier, was r Collection: Senior Seminars
File: 2003 Yee.pdf Desc: Description: Size: 58747
URI: <http://hdl.handle.net/1813/2788> Visits: 177

AU: Pfeffer, Max J.; Para, Pilar A. TI: Immigrants and the Community: Former Farmworkers KW: immigrant workers; rural communities; community development; rural population; Hispanic immigrants; agricultural workforce; foreign-born farmworkers; farmworker population; New York State population IssD: 2005-09 Pub: Publisher:
ABS: Many upstate New York communities have experienced population loss and decline in the last decade. Increasing numbers of immigrants have settled in many of these communities, which poses possible community development challenges and opportunities. As we reported earlier (Immigrants and the Community: Farmworkers with Families), a growing proportion of farmworkers with families is settling in rural communities. This trend may create both opportunities and problems for rural communities, but how can we anticipate what those might be? In an effort to understand the integration of new immigrants into rural communities, we interviewed former farmworkers and other community members in five upstate townships. A look at the experiences of former farmworkers who have resided in the community for some time can provide some valuable insights. Because each community must address these issues in its own way, this report is intended to make communities aware of changes in their populat Collection: Sustainable Models for University-based Scholarly Publishing Workshop
File: ImmigrantReport #3-blue final-9-054.pdf Desc: Description: Size: 790623
URI: <http://hdl.handle.net/1813/2287> Visits: 530

AU: Pfeffer, Max J.; Parra, Pilar A. TI: Immigrants and the Community: Community Perspectives KW: Immigrant workers; Rural communities; Latino immigrants; New York State; Immigrant social integration; Immigrant economic integration; Community perspectives on immigration IssD: 2005-10 Pub: Publisher:
ABS: As related in our previous reports, the populations of many rural New York communities are becoming more ethnically diverse. This diversification became especially noticeable in the 1990s with the upsurge in Mexican migration. When agricultural production is found in or near communities, immigrants often first come there as farmworkers. As indicated in our previous report, our research has shown that after a fairly short time (less than 10 years), many of the workers leave seasonal farm employment for more steady work in agriculture or other industries. For these workers a departure from agricultural employment often does not mean that they leave the communities where they work. In fact, many of them told us they would like to settle here provided they can find work. The increasing tendency for Mexican immigrants to

settle in the U.S. has been observed in many regions and in urban as well as rural areas. Diversifying communities are faced with a range of opportunities and challenges associated with this population change. However, this situation may be a source of confusion in communities that have only recently experienced increased immigrant settlement. The purpose of our study has been to document changes associated with the ethnic diversification of rural communities and to provide a factual foundation for community deliberations about how to capture opportunities and address Collection: Sustainable Models for University-based Scholarly Publishing Workshop
File: Immigrant_Report_IV1.pdf Desc: Description: Size: 9967509
URI: <http://hdl.handle.net/1813/2288> Visits: 562

AU: Kammen, Carol TI: Not the Most Isolated Place on the Eastern Seaboard KW: Cornell University; History IssD: 2006-04-18 Pub: Publisher:
ABS: Chapter 1 of the book with the working title, "GLOBAL CORNELL, A History of the University's International Experience". Collection: The International History of Cornell University
File: CAPEIntroKammen1.pdf Desc: Description: Chapter 1 - Not the Most Isolated Place on the Eastern Seaboard Size: 156951
URI: <http://hdl.handle.net/1813/2857> Visits: 328

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 21, August 1977 KW: Chemistry IssD: 1977-08 Pub: Publisher:
ABS: Faculty Honors & Awards - Michael E. Fisher, appointed Walker Ames Professor, University of Washington, May - June, 1977. Jack H. Freed, elected Fellow of the American Physical Society. Bruce Ganem received a Young Faculty Research Grant from Eli Lilly Company. Robert E. Hughes received a Commendation from the National Science Board and a Citation from the Oceanography of the Navy (U.S. Navy). Frank A. Long, elected Vice President, American Academy of Arts & Sciences. Earl L. Muetterties, Miller Distinguished Visiting Professor, January 1977 - June 1977, Berkeley. Other awards during 1976-77 were made to Jerry Meinwald, Ben Widom, John Wiesenfeld, Lynn Hoard and Harold Scheraga and were noted in the previous issue of the Newsletter. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_021.pdf Desc: Description: Size: 2258719
URI: <http://hdl.handle.net/1813/3090> Visits: 68

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 16, March 1975 KW: Chemistry IssD: 1975-03 Pub: Publisher:
ABS: This issue of the Newsletter is devoted mainly to Chairmen, past, present and future. Lauby's Recollections are devoted to Peter Debye while the Chairman's Column tells of the plans of Gordon Hammes and the announcement of a new chairman for the Department of Chemistry. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_016.pdf Desc: Description: Size: 2404356
URI: <http://hdl.handle.net/1813/3085> Visits: 65

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 17, August 1975 KW: Chemistry IssD: 1975-08 Pub: Publisher:

ABS: Starting on July 1, 1975 the department has a new Chairman, Michael Ellis Fisher... Other news of the faculty includes the selection of Gordon G. Hammes by the Board of Trustees as a Horace White Professor of Chemistry and Biochemistry. Gordon will be on sabbatical leave at the National Institutes of Health this coming year... I am sure his many friends will be happy to learn that Robert C. Fay has been promoted to Professor of Chemistry... Two new Assistant Professors have just joined the department. Dr. Barry K. Carpenter, an organic chemist was a Postdoctoral Associate at Yale and Dr. Paul L. Houston a physical chemist was a Postdoctoral Associate at the University of California, Berkeley. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_017.pdf Desc: Description: Size: 1407118

URI: <http://hdl.handle.net/1813/3086> Visits: 103

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 20, March 1977 KW: Chemistry IssD: 1977-03 Pub: Publisher:

ABS: Many readers of the NEWSLETTER are most familiar with people who were active in the department through 2-4 decades. I am sorry to write that three people whom were known by many of you have died recently. On November 30, 1976, Fred "Dusty" Rhodes died in Deland, Florida. "Dusty" spent 43 years in chemistry and chemical engineering and retired in 1957. On January 15, 1977, Alfred T. Blomquist died after a lengthy illness. Al was 70 years old and had taught at Cornell from 1941 to 1971. The third to die recently was the widow of Peter Debye. Mathilde Debye lived to be 90 years old and died on February 11, 1977 here in Ithaca. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_020.pdf Desc: Description: Size: 2047745

URI: <http://hdl.handle.net/1813/3089> Visits: 67

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 13, August 1973 KW: Chemistry IssD: 1973-08 Pub: Publisher:

ABS: Department News: Faculty and Staff: Chairman Gordon G. Hammes was elected to the National Academy of Sciences at their 110th meeting this Spring,, Gordon was selected on the basis of his achievements in original research. Jerry Meinwald, who spent the past year at the University of California, San Diego has now returned permanently to Cornell. Jack Freed has been promoted to Full Professor in the department... In addition to his normal duties as Vice President for Research Don Cooke has been appointed Acting Provost starting Sept. 1, 1973. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_013.pdf Desc: Description: Size: 1665192

URI: <http://hdl.handle.net/1813/3082> Visits: 62

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 57, July 1993 KW: Chemistry IssD: 1993-07 Pub: Publisher:

ABS: Newsletter Number 57 includes articles on Commencement 1993, Undergraduate Awards for 1993, Graduate Degrees Awarded 1992-93, Alumni News, Graduate and TA

Awards and Fellowships, Faculty News, and Department News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_057.pdf Desc: Description: Size: 8933367
URI: <http://hdl.handle.net/1813/3179> Visits: 41

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 2, August 1968 KW: Chemistry IssD: 1968-08 Pub: Publisher:

ABS: The response to the first issue of the Chemistry Department Newsletter was extremely gratifying and well worth the effort put into it. As promised, the Newsletter will come out twice a year, each issue about a month before the national American Chemical Society meetings. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_002.pdf Desc: Description: Size: 1226396

URI: <http://hdl.handle.net/1813/3068> Visits: 88

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 60, August 1994 KW: Chemistry IssD: 1994-08 Pub: Publisher:

ABS: Newsletter Number 60 includes articles on H. Floyd Davis, Commencement 1994, Undergraduate Awards for 1994, Graduate Degrees Awarded 1993-94, Graduate and TA Awards and Fellowships, Alumni News, Reunion 1994, Faculty and Department News, Cornell Chemists Career Survey, and a piece From the Chairman's Office Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_060.pdf Desc: Description: Size: 14352359

URI: <http://hdl.handle.net/1813/3182> Visits: 41

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 59, April 1994 KW: Chemistry IssD: 1994-04 Pub: Publisher:

ABS: Newsletter Number 59 includes: Two New Faculty Members Join the Department (Melissa A. Hines and H. Floyd Davis), Faculty News, Organic Synthesis in Water: A Solution to the Problem of Toxic Waste?, Alumni News, Department News, and a piece From the Chairman's Office Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_059.pdf Desc: Description: Size: 11729851

URI: <http://hdl.handle.net/1813/3181> Visits: 43

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 61, December 1994 KW: Chemistry IssD: 1994-12 Pub: Publisher:

ABS: Newsletter Number 61 includes articles on Cornell Chemist Stumbles on an Explanation for the "Ozone Deficit", Linus Pauling - the Cornell Connection, The George Fisher Baker Lecture Series Publications, Alumni News, Student News, and Faculty and Department News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_061.pdf Desc: Description: Size: 4718748

URI: <http://hdl.handle.net/1813/3183> Visits: 42

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 56, May 1993 KW: Chemistry IssD: 1993-05 Pub: Publisher:
ABS: Newsletter Number 56 includes articles on Drug Delivery Research in the Chemistry Department, Improving Science Literacy, Memorial Statement for James Lynn Hoard 1905-1993, Undergraduates Learn from Alumni, Chemistry Days, Alumni Gifts, Alumni News, Faculty and Department News, Cornell Art Museum Exhibits Chemistry-related Show, and A Letter from the Chair Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_056.pdf Desc: Description: Size: 14439890
URI: <http://hdl.handle.net/1813/3178> Visits: 43

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 35, May 1985 KW: Chemistry; Society of Cornell Chemists IssD: 1985-05 Pub: Publisher:
ABS: Newsletter Number 35 includes the Chairman's Column, Faculty News, articles on Medical School Applicants, Debye Lecturer Malcolm L.H. Green, Staff Feature - The Stockroom, and the Letter from Lauby Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_035.pdf Desc: Description: Size: 16632263
URI: <http://hdl.handle.net/1813/3133> Visits: 45

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 77, June 2004 KW: Chemistry; Chemical Biology IssD: 2004-06 Pub: Publisher:
ABS: Newsletter Number 77 includes The Chair's Notebook: Past, Present, and Future; Lab Notes; Faculty and Department News; Commencement 2003; Undergraduate Awards; Ph.D. Diplomas and Awards; Reunion 2003; and News from Alumni and Friends Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_077.pdf Desc: Description: Size: 26321291
URI: <http://hdl.handle.net/1813/3199> Visits: 72

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 74, October 2001 KW: Chemistry; Chemical Biology IssD: 2001-10 Pub: Publisher:
ABS: Newsletter Number 74 includes The Chair's Notebook - Looking to the Future; New Faculty: Paul J. Chirik and D. Tyler McQuade Join the Department as Assistant Professors; Lab Notes: New Process for Producing Near-Atomic Scale Silicon Structures - Nanobumps - Developed by Cornell Researchers; Cornell-Led Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_074.pdf Desc: Description: Size: 22175929
URI: <http://hdl.handle.net/1813/3196> Visits: 63

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 54, August 1992 KW: Chemistry IssD: 1992-08 Pub: Publisher:
ABS: Newsletter Number 54 includes articles on the Gala Celebration Held May 16, The Cornell/Industry Connection, Undergraduate Student News, Graduate Student News,

Faculty News, Department News, Reunion 1992, and Alumni News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_054.pdf Desc: Description: Size: 15746951
URI: <http://hdl.handle.net/1813/3176> Visits: 42

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 55, December 1992 KW: Chemistry IssD: 1992-12 Pub: Publisher:

ABS: Newsletter Number 55 includes articles on the New Coordinator for Freshman Chemistry (Steve Russo), Chemists as Administrators, 4-H Teens Visit Chemistry, Faculty News, Postdoctoral News, Graduate Student News, Ben Widom Honored, and Alumni News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_055.pdf Desc: Description: Size: 7258373

URI: <http://hdl.handle.net/1813/3177> Visits: 45

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 68, September 1997 KW: Chemistry IssD: 1997-09 Pub: Publisher:

ABS: Newsletter Number 68 includes The Chairman's Notebook, New Faculty: Geoffrey Coates Join the Department as an Assistant Professor, Faculty and Department Briefs, Reunion Open House 1997, Commencement 1997, Undergraduate Awards, Graduate Degrees 1996-1997, Graduate Awards, and News from Alumni and Friends Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_068.pdf Desc: Description: Size: 13426057

URI: <http://hdl.handle.net/1813/3190> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 22, March 1978 KW: Chemistry IssD: 1978-03 Pub: Publisher:

ABS: We begin with this issue the eleventh year of publication of this Newsletter. This issue, as you can see from the masthead, is number 22. In case you wonder why this first issue of our eleventh year is not No. 21, the reason dates back to 1971 when we went from No. 7 in March to No. 9 in August. I know not why. We also begin with this issue with a new editor, if that be the appropriate word. Let me introduce myself. My name is Earl Peters and I am the new Executive Director of the Department. Twice a year I have the pleasant task of coordinating the preparation of this, your Newsletter. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_022.pdf Desc: Description: Size: 1113666

URI: <http://hdl.handle.net/1813/3104> Visits: 98

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 23, August 1978 KW: Chemistry IssD: 1978-08 Pub: Publisher:

ABS: Newsletter Number 23 begins with a list of Faculty Honors & Awards, and the Degrees Awarded: 42 Chemistry Majors received their B.A. degrees at the May 30th Commencement. 27 graduate students in Chemistry received their Ph.D. degrees

during the academic year 1977-78 and 33 M.S. degrees were awarded. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_023.pdf Desc: Description: Size: 2322683
URI: <http://hdl.handle.net/1813/3107> Visits: 66

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 37, June 1986 KW: Chemistry; Society of Cornell Chemists
IssD: 1986-06 Pub: Publisher:
ABS: Newsletter Number 37 includes the Chairman's Column, articles on Undergraduate Chemistry, 1986 Baker Lectures, 1986 Debye Lectures, Faculty News, a list of PhD Graduates November 1985 - April 1986, and Alumni News
Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_037.pdf Desc: Description: Size: 7851958
URI: <http://hdl.handle.net/1813/3135> Visits: 43

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 24, March 1979 KW: Chemistry
IssD: 1979-03 Pub: Publisher:
ABS: Newsletter Number 24 includes a piece on the life of Vincent "Dee" du Vigneaud, the Chairman's Column, and Lauby's Recollections. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_024.pdf Desc: Description: Size: 4748129
URI: <http://hdl.handle.net/1813/3109> Visits: 66

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 25, August 1979 KW: Chemistry
IssD: 1979-08 Pub: Publisher:
ABS: Newsletter Number 25 includes a list of Faculty Honors & Awards, Visiting Lecturers and Professors, Degrees Awarded, Graduate Student Awards, the Chairman's Column, Lauby's Recollections, Responses from Alumni, and the Executive Director's Column
Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_025.pdf Desc: Description: Size: 1617086
URI: <http://hdl.handle.net/1813/3110> Visits: 78

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 26, March 1980 KW: Chemistry
IssD: 1980-03 Pub: Publisher:
ABS: Newsletter Number 26 includes the Chairman's Column, announcements on the publication of two books, the Biophysical-Bioorganic NIH Lectures, and Visiting Professors, and Lauby's Recollections
Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_026.pdf Desc: Description: Size: 1398404
URI: <http://hdl.handle.net/1813/3111> Visits: 70

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 62, March 1995 KW: Chemistry
IssD: 1995-03 Pub: Publisher:

ABS: Newsletter Number 62 includes articles From the Chairman's Office, Alumni News, Faculty News, and Department News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_062.pdf Desc: Description: Size: 642237
URI: <http://hdl.handle.net/1813/3184> Visits: 47

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 28, March 1981 KW: Chemistry IssD: 1981-03 Pub: Publisher:

ABS: Newsletter Number 28 includes the Chairman's Column, the Executive Director's Column, and Lauby's Recollections Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_028.pdf Desc: Description: Size: 1286640
URI: <http://hdl.handle.net/1813/3113> Visits: 63

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 29, August 1981 KW: Chemistry IssD: 1981-08 Pub: Publisher:

ABS: Newsletter 29 includes the Chairman's Column, Memorial Statement on Melvin L. Nichols, an article on Professor Albert Laubengayer, announcements, and Faculty News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_029.pdf Desc: Description: Size: 2251557
URI: <http://hdl.handle.net/1813/3114> Visits: 71

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 70, January 1999 KW: Chemistry; Chemical Biology IssD: 1999-01 Pub: Publisher:

ABS: Newsletter Number 70 includes The Chairman's Notebook; In Memoriam: William T. Miller; New Faculty - Steve Ealick; Seeking Perfection: Researcher [Melissa Hines] Aims at Flat Surfaces without Bumpy Atoms; Lab Notes: Researchers - Clever Chemistry Keeps Trend-Setting Beetle Babies Off Menu; Rawlings Affirms Dedication to Further Chemistry and Chemical Biology at CU; Department News; Ganem Receives Johnson & Johnson Award to Support Chemical Research; 1,000 Scheraga "Hits" Honored at Celebration; Undergraduate News; Graduate Awards; Graduate Degrees Awarded Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: license.txt Desc: Description: Size: 1799
URI: <http://hdl.handle.net/1813/3192> Visits: 43

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 52, September 1991 KW: Chemistry IssD: 1991-09 Pub: Publisher:

ABS: Newsletter Number 52 includes articles on Reunion 1991, Alumni News, Commencement 1991, PhD Recipients, Convocation 1991, Sogah Honored by State of Delaware, Project Bookshare, and 1991 Baker Lectures. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_052.pdf.txt Desc: Description: Extracted text Size: 24516
URI: <http://hdl.handle.net/1813/3153> Visits: 41

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 76, July 2003 KW: Chemistry; Chemical Biology IssD: 2003-07 Pub: Publisher:

ABS: Newsletter Number 76 includes The Chair's Notebook: Highs and Lows; In Memoriam: Walter C. McCrone Jr., and Andreas C. Albrecht; Lab Notes; Faculty News; Department News; Commencement 2002; Undergraduate Awards; Graduate Diplomas and Awards; Reunion 2002; and News from Alumni and Friends Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University File: CCB_076.pdf Desc: Description: Size: 24425998
URI: <http://hdl.handle.net/1813/3198> Visits: 67

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 75, June 2002 KW: Chemistry; Chemical Biology IssD: 2002-06 Pub: Publisher:

ABS: Newsletter Number 75 includes The Chair's Notebook: Reality Check; Department News; Lab Notes; Faculty News; and Department News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University File: license.txt Desc: Description: Size: 1799
URI: <http://hdl.handle.net/1813/3197> Visits: 65

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 48, August 1990 KW: Chemistry; Society of Cornell Chemists IssD: 1990-08 Pub: Publisher:

ABS: Newsletter Number 48 includes articles on Reunion 1990, Alumni News, the Letter from the Editor, Department News, Undergraduate Student News, Graduate Student News, and Commencement 1990. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University File: CCB_048.pdf Desc: Description: Size: 8656168
URI: <http://hdl.handle.net/1813/3149> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 67, November 1996 KW: Chemistry IssD: 1996-11 Pub: Publisher:

ABS: Newsletter Number 67 includes The Chairman's Notebook: Who Owns Scientific Data, World's Smallest Wire Set in Polymer Sleeve, Biomolecules Characterized By New Technique, Department News, Faculty and Department Briefs, Retorts, and News from Alumni and Friends Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University File: CCB_067.pdf Desc: Description: Size: 14246074
URI: <http://hdl.handle.net/1813/3189> Visits: 45

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 45, September 1989 KW: Chemistry; Society of Cornell Chemists IssD: 1989-09 Pub: Publisher:

ABS: Newsletter Number 45 includes articles on Simon Bauer Honored for 50 Years of Service, Faculty News, 31st National Organic Symposium, The Year in Review (a photo collage), Alumni News, Student News, and the Chairman's Column. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_045.pdf Desc: Description: Size: 6769333
URI: <http://hdl.handle.net/1813/3146> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 12, March 1973 KW: Chemistry IssD: 1973-03 Pub: Publisher:

ABS: Roald Hoffman and Robert Woodward (Harvard) will share the first American Chemical Society Cope Award for outstanding contributions to organic chemistry. Woodward and Hoffmann's "Rules of Organic Symmetry", formulated in 1965, for which the award will be made, has been called the greatest theoretical advance in organic chemistry in 30 years. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_012.pdf Desc: Description: Size: 1700369
URI: <http://hdl.handle.net/1813/3081> Visits: 72

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 10, March 1972 KW: Chemistry IssD: 1972-03 Pub: Publisher:

ABS: As you may have noticed in the Newsletter issued last August, Bill Gurowitz assumed the position of Vice President for Campus Affairs and I replaced him as Executive Director of the Department of Chemistry. Twenty five years ago I was a graduate student in this department, and I thought you might be interested in some random observations concerning the changes in People, Places and Things. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_010.pdf Desc: Description: Size: 1910632
URI: <http://hdl.handle.net/1813/3079> Visits: 69

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 3, March 1969 KW: Chemistry IssD: 1969-03 Pub: Publisher:

ABS: This issue of the Newsletter brings forth another first - the inclusion of a photograph which you will see in Lauby's Cornell Recollections. We hope to insert other photographs of interest in future issues. The circulation of this Newsletter continues to go up; we are approaching 1,500. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_003.pdf Desc: Description: Size: 1150242
URI: <http://hdl.handle.net/1813/3069> Visits: 91

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 64, November 1995 KW: Chemistry IssD: 1995-11 Pub: Publisher:

ABS: Newsletter Number 64 includes articles The Chairman's Notebook, Science on the Silver Screen, Department News, Summit Technology, Baker Lab: A Thumbnail History, Lab Notes: Self-Condensing Polymerization Has Industrial Application, and Synthesized Pheromone Traps Lovesick Tomato Pests, Faculty and Department Briefs, BChems of 1911, and News from Alumni and Friends Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_064.pdf Desc: Description: Size: 17543950
URI: <http://hdl.handle.net/1813/3186> Visits: 44

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 14, March 1974 KW: Chemistry IssD: 1974-03 Pub: Publisher:

ABS: Facilities: One of the great benefactors of the Department of Chemistry is Spencer T. Olin who has provided the funds to enable us to undertake the renovation of the Undergraduate Laboratories in Baker Lab. This renovation started on December 10, 1973 and will result in excellent facilities in keeping with the department's continuing effort to provide modern chemical laboratory instruction to Cornell students... Alumni: We recently received word that Vartakes Migrdichian has donated a \$ 1 million fund "to help Armenian students who were in a situation like my own years before". Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_014.pdf Desc: Description: Size: 2029559

URI: <http://hdl.handle.net/1813/3083> Visits: 59

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 27, August 1980 KW: Chemistry IssD: 1980-08 Pub: Publisher:

ABS: Newsletter Number 27 includes the Chairman's Column, Lauby's Recollections, and news of Baker Lectures, Alumni and Friends, Degrees Awarded, Graduate Student Awards, and A Cornell Symposium on Laser Applications in Chemistry Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_027.pdf Desc: Description: Size: 1258220

URI: <http://hdl.handle.net/1813/3112> Visits: 66

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 63, August 1995 KW: Chemistry IssD: 1995-08 Pub: Publisher:

ABS: Newsletter Number 63 includes articles From the Chairman's Office, Department Inaugurates Aggarwal Lecture, Reunion 1995, News from Alumni and Friends, Faculty and Department News, Commencement 1995, PhDs Awarded 1994-95, Undergraduate Awards, and Graduate Awards Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_063.pdf Desc: Description: Size: 12106970

URI: <http://hdl.handle.net/1813/3185> Visits: 44

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 69, April 1998 KW: Chemistry IssD: 1998-04 Pub: Publisher:

ABS: Newsletter Number 69 includes The Chairman's Notebook, Lab Notes: Undergraduate Research - A Perspective by Frank DiSalvo, Chemical helps ants remember where they left their food, shows promise for Alzheimer's disease; Cornell scientists report excited ants follow pheromone trail of same chemical they will use to paralyze their prey; Wild tomatoes yield formu Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_069.pdf Desc: Description: Size: 8503387

URI: <http://hdl.handle.net/1813/3191> Visits: 44

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 65, March 1996 KW: Chemistry IssD: 1996-03 Pub: Publisher:

ABS: Newsletter Number 65 includes The Chairman's Notebook, The Benefits of Consulting, Department News, New Lectures Honor Memory of Alfred T. Blomquist, Money Rather Than Mud For Her Toil (re Jing Li, Doctorate in Chemistry from Cornell, 1990), Lab Notes, Chemical Prospecting Sustains Ethnobotanical Tradition, Polymer Substrate Improves Drug Delivery, Faculty and Department Briefs, News from Alumni and Friends, Reunion 1996, and Retorts Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_065.pdf Desc: Description: Size: 14426758

URI: <http://hdl.handle.net/1813/3187> Visits: 45

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 5, February 1970 KW: Chemistry IssD: 1970-02 Pub: Publisher:

ABS: In planning this issue of the Newsletter, I looked back at last August's issue. I started off by saying that "much has occurred since the last issue of the Newsletter". These words again are very appropriate. I am sure you all know that Dale R. Corson was elected as the eighth president of Cornell by the Trustees soon after the Newsletter went out last August. President Corson had served as Provost of the University for a number of years before assuming the presidency. President Corson then called on Bob Plane, Chairman of the Chemistry Department, to serve as Provost. Bob decided to take the job as Acting Provost on a one-year basis. Because Bob would only be gone temporarily, it was decided to operate the Department with what I call a "troika". Instead of having a specific person as acting chairman, three people served in this capacity. These people were Don Cooke, Jerry Meinwald and Ben Widom. Just after Christmas, Bob Plane announced that he had decided to take the Provost's job on a permanent basis. This means that he will still be Professor of Chemistry and maintain a research group; but will be spending virtually full-time as Provost which, in effect, is second-in-command of the University. This is a considerable loss to the Department; but a gain for the University and we are very confident that Bob will do an excellent job. Upon assuming the permanent position of Provost, Bob Plane resigned as Chairman of the Chemistry Department. As you can tell from the Chairman's Column, the new Chairman of the Department is Gordon Hammes. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_005.pdf Desc: Description: Size: 4211333

URI: <http://hdl.handle.net/1813/3071> Visits: 83

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 6, August 1970 KW: Chemistry IssD: 1970-08 Pub: Publisher:

ABS: Greetings from renovated and now rededicated Baker Laboratory! You will recall that in the previous issue of the Newsletter we had just moved back into renovated Baker Laboratory. On June 8, in brief ceremonies, Baker Laboratory was rededicated. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_006.pdf Desc: Description: Size: 3389344

URI: <http://hdl.handle.net/1813/3072> Visits: 81

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 7, March 1971 KW: Chemistry IssD: 1971-03 Pub: Publisher:
ABS: One often hears and reads about the decreased interest in science among the young people of today. If that is true, we certainly are not seeing it in the Chemistry Department at Cornell. While the number of chemistry majors graduating each year has While the number of chemistry majors graduating each year has graduate enrollment in chemistry courses has increased dramatically this year. It is true that Cornell took in an additional 250 (approximately) students; however, even taking this into account the percentage of all students taking chemistry has increased. This past fall there were 270 more people taking freshman chemistry alone. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_007.pdf Desc: Description: Size: 1909180
URI: <http://hdl.handle.net/1813/3073> Visits: 86

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 1, March 1968 KW: Chemistry; Chemical Biology IssD: 1968-03 Pub: Publisher:
ABS: This brief newsletter will have many purposes, the main one being to be informative and useful. One purpose it will not have is to be a fund-raising instrument. Many people have approached me and others in the Department about setting up some kind of an informal group or association of people who have been associated with the Cornell Chemistry Department. To start things off, I thought that we would put out a newsletter which would be published infrequently - maybe twice a year. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_001.pdf Desc: Description: Size: 956784
URI: <http://hdl.handle.net/1813/3067> Visits: 92

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 32, Winter 1984 KW: Chemistry; Society of Cornell Chemists IssD: 1984-01 Pub: Publisher:
ABS: Newsletter Number 32 includes the Executive Director's Column (with news of a memorial service for Mitchell Joseph Sienko), alphabetical lists from the 1982 questionnaire on where the respondents live and what they do, a Letter from Lauby, and announcements. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_032.pdf Desc: Description: Size: 3494113
URI: <http://hdl.handle.net/1813/3127> Visits: 51

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 30, March 1982 KW: Chemistry IssD: 1982-03 Pub: Publisher:
ABS: Newsletter Number 30 includes the Chairman's Column, and "My Early Days in Fluorine Chemistry", an article by Bill Miller, reprinted from the Journal of Fluorine Chemistry Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_030.pdf Desc: Description: Size: 1456357
URI: <http://hdl.handle.net/1813/3125> Visits: 52

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 33, Spring 1984 KW: Chemistry; Society of Cornell Chemists IssD: 1984-03 Pub: Publisher:

ABS: Newsletter Number 33 includes the Editor's Column, Robert Boyle and Cornell: The Alchemy of Excellence, Lauby's Recollections, a list of 1983-84 PH.D. Graduates, Alumni News, 1983 Baker Lecturers, Faculty News, and a memorial statement for Clyde W. Mason. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_033.pdf Desc: Description: Size: 18606535

URI: <http://hdl.handle.net/1813/3128> Visits: 52

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 31, Fall 1983 KW: Chemistry; Society of Cornell Chemists IssD: 1983 Pub: Publisher:

ABS: Newsletter Number 31 includes the Chairman's Column, Faculty News, Lauby's Recollections, news of the Graduate Field of Study and the Society of Cornell Chemists, as well as a memorial statement about John Raven Johnson and the Order of Service from his Memorial Service. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_031.pdf Desc: Description: Size: 19151429

URI: <http://hdl.handle.net/1813/3126> Visits: 44

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 41, May 1988 KW: Chemistry IssD: 1988-05 Pub: Publisher:

ABS: Newsletter Number 41 is a Special Edition and includes news of John Wiesenfeld becoming Cornell's Deputy Vice President for Research Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_041.pdf Desc: Description: Size: 1723571

URI: <http://hdl.handle.net/1813/3139> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 42, October 1988 KW: Chemistry; Society of Cornell Chemists IssD: 1988-10 Pub: Publisher:

ABS: Newsletter Number 42 includes an article on Barbara A. Baird, a Remembrance of Professor Albert W. Laubengayer, Faculty News, Alumni News, Student News, Coming Events, and the Chairman's Column Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_042.pdf Desc: Description: Size: 3771346

URI: <http://hdl.handle.net/1813/3140> Visits: 44

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 43, January 1989 KW: Chemistry; Society of Cornell Chemists IssD: 1989-01 Pub: Publisher:

ABS: Newsletter Number 43 includes an article on Hector D. Abruna "Electrochemist Uses Many Tools", Faculty News, Alumni News, Student News, and Coming Events. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_043.pdf.txt Desc: Description: Extracted text Size: 11084

URI: <http://hdl.handle.net/1813/3144> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 49, December 1990 KW: Chemistry; Society of Cornell Chemists IssD: 1990-12 Pub: Publisher:

ABS: Newsletter Number 49 includes an article "David Zax Joins the Department", Department News, Alumni News, and A Letter from the Chair. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_049.pdf.txt Desc: Description: Extracted text Size: 14029

URI: <http://hdl.handle.net/1813/3150> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 47, May 1990 KW: Chemistry; Society of Cornell Chemists IssD: 1990-05 Pub: Publisher:

ABS: Newsletter Number 47 includes articles on Environmental Prize Shared by Cornell Chemist, Biologist, Roger Loring Wins Sloan Fellowship, Laura Philips Wins AAUW Award, David Zax Joins Faculty, New Physical Sciences Librarian Joins Cornell Staff, Alumni News, Chemistry Alumni and Friends Survey Spring 1990, and the Editor's Letter. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_047.pdf.txt Desc: Description: Extracted text Size: 17920

URI: <http://hdl.handle.net/1813/3148> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 44, March 1989 KW: Chemistry; Society of Cornell Chemists IssD: 1989-03 Pub: Publisher:

ABS: Newsletter Number 44 includes articles on New Courses Added to Undergraduate Curriculum, George F. Morrison Receives Prix Francqui, Faculty News, Alumni News, Student News, and Coming Events. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_044.pdf.txt Desc: Description: Extracted text Size: 12375

URI: <http://hdl.handle.net/1813/3145> Visits: 41

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 50, February 1991 KW: Chemistry; Society of Cornell Chemists IssD: 1991-02 Pub: Publisher:

ABS: Newsletter Number 50 includes the article "Polymer Scientist Sogah Joins the Department", Department News, and Alumni News. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_050.pdf Desc: Description: Size: 5060117

URI: <http://hdl.handle.net/1813/3151> Visits: 43

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 4, August 1969 KW: Chemistry IssD: 1969-08 Pub: Publisher:

ABS: As you know, much has occurred since the last issue of the Newsletter. I do not want to go into the happenings of April here since I don't think this is an appropriate place and also many of you have already received much information about the events at Cornell. The one interesting thing to me was the quality (and often lack of it) of the news reporting. Some beneficial results of the happenings are that, within this

Department, there have been better communications and a better understanding of the concerns of members of the Department. Over the summer, we have been examining in depth the role of the chemist in the modern-day world. Discussions on such current problems as pollution, the race problem, chemical-biological warfare, research funding and the population problem have been held. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_004.pdf Desc: Description: Size: 968498

URI: <http://hdl.handle.net/1813/3070> Visits: 103

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 40, February 1988 KW: Chemistry; Society of Cornell Chemists IssD: 1988-02 Pub: Publisher:

ABS: Newsletter Number 40 includes an article on Gregory S. Ezra, Faculty News, Alumni News, and Lectures and Meetings Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_040.pdf Desc: Description: Size: 2213397

URI: <http://hdl.handle.net/1813/3138> Visits: 46

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 39, August 1987 KW: Chemistry; Society of Cornell Chemists IssD: 1987-08 Pub: Publisher:

ABS: Newsletter Number 39 includes Faculty News, Symposium on Protein Conformation Held in Honor of Professor Harold A. Scheraga, Alumni News, Student News, Computers in Chemistry, 1987-88 Debye Lecture Series, 1987 Baker Lecture Series, and the Chairman's Column Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_039.pdf Desc: Description: Size: 13296179

URI: <http://hdl.handle.net/1813/3137> Visits: 49

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 51, May 1991 KW: Chemistry IssD: 1991-05 Pub: Publisher:

ABS: Newsletter Number 51 includes articles on Undergraduate Research, Cornell's First Chemistry Professor Honored by ACS (George C. Caldwell), Department News, Faculty News, Graduate Student Prizes, Alumni News, A Letter from the Editor, and the Chemistry Alumni and Friends Survey Spring 1991. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_051.pdf.txt Desc: Description: Extracted text Size: 23426

URI: <http://hdl.handle.net/1813/3152> Visits: 39

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 38, December 1986 KW: Chemistry; Society of Cornell Chemists IssD: 1986-12 Pub: Publisher:

ABS: Newsletter Number 38 includes Johnson's Wax Initiates Cornell Polymer Chemistry Traineeship Program, New Faculty Members Welcomed, New Grants, Faculty News, Alumni News, Student News, Debye Lecturer, and the Chairman's Column Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_038.pdf Desc: Description: Size: 7003759

URI: <http://hdl.handle.net/1813/3136> Visits: 43

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 46, March 1990 KW: Chemistry; Society of Cornell Chemists IssD: 1990-03 Pub: Publisher:

ABS: Newsletter Number 46 includes articles on Molecular Modeling, Spring Lecture Series, Faculty News, Alumni News, and the Letter from the Chairman. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_046.pdf Desc: Description: Size: 2266734

URI: <http://hdl.handle.net/1813/3147> Visits: 40

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 53, February 1992 KW: Chemistry IssD: 1992-02 Pub: Publisher:

ABS: Newsletter Number 53 includes An Essay on Teaching Science, Cornell Science Connection, Chemistry Lecturer Wins Clark Teaching Award, Remembrance of Richard F. Porter, Faculty News, Student News, Alumni News, and Distinguished Lecture Series, Spring 1992 Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_053.pdf.txt Desc: Description: Extracted text Size: 33155

URI: <http://hdl.handle.net/1813/3154> Visits: 38

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 36, January 1986 KW: Chemistry; Society of Cornell Chemists IssD: 1986-01 Pub: Publisher:

ABS: Newsletter Number 36 includes the Chairman's Column, Faculty News, articles on Research at Cornell Chemistry, Research Centers at Cornell, Debye Lectures, Baker Lecture Series, Lauby's Recollections, Memorial statements for Paul J. Flory, Harold J. Matraw, and Earl Muetterties, and a list of PhD Graduates September 1984 - October 1985 Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_036.pdf Desc: Description: Size: 12925949

URI: <http://hdl.handle.net/1813/3134> Visits: 42

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 34, Fall 1984 KW: Chemistry; Society of Cornell Chemists IssD: 1984-08 Pub: Publisher:

ABS: Newsletter Number 34 includes the Chairman's Column, Research at Cornell Chemistry, Faculty News, articles on George H. Morrison, New Instrumentation, Chemical Microscopy, Graduate Field of Chemistry, Baker Lecturer Fall 1984, and Alumni News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_034.pdf Desc: Description: Size: 14750025

URI: <http://hdl.handle.net/1813/3132> Visits: 42

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 66, August 1996 KW: Chemistry IssD: 1996-08 Pub: Publisher:

ABS: Newsletter Number 66 includes articles on October Symposium Marks Scheraga's 75th Birthday, Things You Wouldn't Find Anywhere Else on Earth, Cornell Chemist

Improves Chances for Cancer Therapy, Retorts, Faculty and Department Briefs, and News from Alumni and Friends Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_066.pdf Desc: Description: Size: 11545697
URI: <http://hdl.handle.net/1813/3188> Visits: 45

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 78, May 2005 KW: Chemistry; Chemical Biology IssD: 2005-05 Pub: Publisher:

ABS: Newsletter Number 78 includes The Chair's Notebook: Saludos; In Memorium: George H. Morrison and Betty R. Miller; New Faculty: Garnet Chan and Jon Njardarson Join the Department as Assistant Professors; Lab Notes; Faculty and Department News; Commencement 2004; Undergraduate Awards; Ph.D. Diplomas and Awards; Reunion 2004; News from Alumni and Friends; and Survey 2005 Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_078.pdf.txt Desc: Description: Extracted text Size: 77743
URI: <http://hdl.handle.net/1813/3200> Visits: 78

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 73, March 2001 KW: Chemistry; Chemical Biology IssD: 2001-03 Pub: Publisher:

ABS: Newsletter Number 73 includes The Chairman's Notebook: An Important New Collaboration Caps a Very Good Year; New Faculty: Brian R. Crane Joins the Department as an Assistant Professor; Lab Notes; Department News; Faculty News; Commencement 2000; Undergraduate Awards; Graduate Diplomas and Awards; News from Alumni and Friends; and Reunion 2000 Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_073.pdf Desc: Description: Size: 25728445
URI: <http://hdl.handle.net/1813/3195> Visits: 52

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 15, August 1974 KW: Chemistry IssD: 1974-08 Pub: Publisher:

ABS: One of the great things that has happened to the department this year is the renovation of the undergraduate teaching laboratories in Baker Lab... Now the basement has one area for the preparation of reagents and storage of chemicals used in each of the 5-6 laboratory courses taught in this East side of Baker. Also, in the basement is the Electronics Shop and storage of instruments such as balances, spectrometers, meters, etc. A service elevator has been installed connecting all five floors. The old, open lab areas on each of the remaining four floors has been partitioned into a service area and 5 laboratory modules per floor. Each of these modules will hold 20-22 students. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_015.pdf Desc: Description: Size: 1067804
URI: <http://hdl.handle.net/1813/3084> Visits: 65

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 9, August 1971 KW: Chemistry IssD: 1971-08 Pub: Publisher:

ABS: Many of you may already know that I have accepted the position of Vice-President for Campus Affairs here at Cornell and will shortly be leaving as Executive Director of the Chemistry Department. While I am very sorry to be leaving the Department, I am leaving it in good hands and in good shape. I am very enthusiastic about my successor Dr. Harold C. Mattraw. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_009.pdf Desc: Description: Size: 2869985
URI: <http://hdl.handle.net/1813/3078> Visits: 63

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 18, March 1976 KW: Chemistry IssD: 1976-03 Pub: Publisher:

ABS: Professor Earl L. Muettterties has received the Senior U.S. Scientist Award from the Humboldt Foundation (West Germany)... Professor George H. Morrison was awarded the 1975 Medal of the Society for Applied Spectroscopy, N. Y. Section for outstanding achievements in spectroscopy. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_018.pdf Desc: Description: Size: 1970418
URI: <http://hdl.handle.net/1813/3087> Visits: 62

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 71, August 1999 KW: Chemistry; Chemical Biology IssD: 1999-08 Pub: Publisher:

ABS: Newsletter Number 71 includes The Chairman's Notebook; Frank and Robert Laughlin Chair of Physical Chemistry; The Peter J. W. Debye Professorship; In Memoriam: Franklin A. Long; New Faculty: Stephen Lee and Rick Cerione; Lab Notes; Department News; Commencement 1999; Graduate Awards; and Alumni and Friends News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_071.pdf Desc: Description: Size: 25558563
URI: <http://hdl.handle.net/1813/3193> Visits: 53

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 72, May 2000 KW: Chemistry; Chemical Biology IssD: 2000-05 Pub: Publisher:

ABS: Newsletter Number 72 includes The Chairman's Notebook: A New Building in Our Future?; New Faculty: John Marohn Joins the Department as an Assistant Professor; Lab Notes; Faculty News; Department News; and Alumni News Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University
File: CCB_072.pdf Desc: Description: Size: 13361703
URI: <http://hdl.handle.net/1813/3194> Visits: 51

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 11, August 1972 KW: Chemistry IssD: 1972-08 Pub: Publisher:

ABS: For those of you who have not been here for some time, here are some data that might be interesting. For example, 3400 students in the Fall of 1971 and 2800 students in the Spring of 1972 were registered for courses offered by the Department of Chemistry.

The faculty, responsible for this staggering formal teaching load, managed to conduct research resulting in 184 publications this past year. This was in addition to dozens of invited seminars, etc. Recognition of distinguished achievements in original research came to Lynn Hoard and Roald Hoffman when they were elected to the National Academy of Sciences this Spring. This high honor, bringing honors to Cornell as well as the recipients, is now enjoyed by five members of the Department's faculty. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_011.pdf Desc: Description: Size: 1862489

URI: <http://hdl.handle.net/1813/3080> Visits: 75

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 19, August 1976 KW: Chemistry IssD: 1976-08 Pub: Publisher:

ABS: G. Marc Loudon, recently promoted to Associate Professor, was awarded the Clark Distinguished Teaching Award in the College of Arts and Sciences for 1975-76. Jerrold Meinwald has received a Guggenheim Fellowship for 1976-77 and expects to travel extensively. Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_019.pdf Desc: Description: Size: 2730344

URI: <http://hdl.handle.net/1813/3088> Visits: 64

AU: TI: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University Number 58, December 1993 KW: Chemistry IssD: 1993-12 Pub: Publisher:

ABS: Newsletter Number 58 includes articles on Invisible Support, Alumni News, Student News, Endowed Chemistry Professorship, Faculty News, Alumni and Friends Survey Fall 1993, and a piece From the Chairman's Office Collection: The Newsletter of the Department of Chemistry and Chemical Biology at Cornell University

File: CCB_058.pdf Desc: Description: Size: 11071137

URI: <http://hdl.handle.net/1813/3180> Visits: 45

AU: Zehnder, Alan TI: Lecture Notes on Fracture Mechanics KW: fracture; fracture toughness; energy release rate; stress intensity factor; J integral; fracture criteria; fatigue; ductile fracture; brittle fracture; cohesive zone; small scale yielding; large scale yielding; crack; crack stability; plastic zone; crack tip; Dugdale model; toughness test; computational fracture; domain integral; modified crack closure; nodal release IssD: 2006-05-25 Pub: Publisher:

ABS: This book is written for students who want to prepare to be able to read some of this vast Collection: Theoretical and Applied Mechanics Papers and Monographs

File: fracture_notes.pdf Desc: Description: Size: 6604301

URI: <http://hdl.handle.net/1813/3075> Visits: 778

AU: Abue, Peter Obele TI: Participation and Social Learning in Church-Based Organizations: Implications for Poverty Eradication in Nigeria KW: participation; Social Learning; poverty eradication; Catholic Church based organizations; Roman Catholic Social Justice Agenda; Ogoja diocese Nigeria (Africa); means of communication; social inclusion IssD: 2006-06-20 Pub: Publisher:

ABS: The task of poverty eradication requires the joint action of various agencies (IFAD, 2001). In Nigeria, there is a lack of alternative institutions to counter the social processes entrenched in local settings that lead to poverty (Obadan, 2002). The main purpose of this study is to investigate the potentials of Church-based organizations (CBOs) as alternative mechanisms for poverty eradication. I begin by defining poverty from a country perspective and argue that modernistic tendencies have led to a limited understanding. I proffer a communitarian approach for understanding the meaning of poverty and its eradication strategies. I examine the organizational dynamics of a diocese in order to explore the elements within its structure that favor social inclusion in r Collection: Theses and Dissertations (CLOSED)

File: PeterObeleAbueDissertation.pdf Desc: Description: Size: 1559743

URI: <http://hdl.handle.net/1813/3211> Visits: 77

AU: Aldrich-Wolfe, Laura TI: The role of arbuscular mycorrhizal fungi in pasture colonization by the tropical forest tree species *Terminalia amazonia* KW: T-RFLP; forest regeneration; Coto Brus; arbuscular mycorrhiza; *Urochloa*; *Terminalia*; *Glomus*; seedling establishment IssD: 2005-08-29 Pub: Publisher:

ABS: At three sites in Siete Colinas, Coto Brus, Costa Rica, I examined differences in composition of arbuscular mycorrhizal (AM) fungi between forest fragments and pastures, and consequences of these differences for seedling establishment in past Collection: Theses and Dissertations (CLOSED)

File: TitleTOC.pdf Desc: Description: Title page through List of Plates Size: 87345

URI: <http://hdl.handle.net/1813/2179> Visits: 694

AU: Allavena, Andr? TI: On the Correctness of Gossip-based Membership Protocols KW: gossip; random graph; distributed system; membership; peer-to-peer; scalability; reliability; epidemic; probabilistic multi-cast; group communication IssD: 2005-10-04 Pub: Publisher:

ABS: The importance of scalability and fault-tolerance in modern distributed systems has led to considerable research in multi-cast protocols using gossip. In a gossip protocol, each node forwards messages to a small set of "gossip partners" chosen at random from the entire group membership. By discarding the strong reliability guarantees of traditional protocols in favor of probabilistic guarantees, gossip protocols can deliver greater scalability and fault tolerance. In early gossip algorithms, partners were chosen uniformly at random from the entire membership, limiting scalability because of the resources required to store and maintain complete membership views at each node. Later protocols avoided this issue by storing much smaller random subsets of the membership at each node, and choosing gossip partners only from these local views. Such protocols are subtle: at least some local views must change in response to group membership changes in order to preserve connectivity and performance guarantees. While these protocols have been the subject of much simulation and analysis, formal proofs of key properties - in particular the Collection: Theses and Dissertations (CLOSED)

File: main.pdf Desc: Description: Size: 1061477

URI: <http://hdl.handle.net/1813/2213> Visits: 523

AU: Allen, Mathew TI: STRATEGIC HUMAN RESOURCE MANAGEMENT AND FIRM PERFORMANCE: WHAT CAN WE LEARN FROM SMALL BUSINESSES? KW: IssD: 2006-05-23 Pub: Publisher:

ABS: This study develops a theory of how human resource management systems contribute to the performance of small businesses. Based on theories from the field of strategic human resource management and small business performance, I argue that high involvement human resource management systems will be positively related to the performance of small businesses above and beyond known drivers of small business performance. A set of moderating variables for this relationship is also presented. I conclude by outlining a set of hypothesis and methods for testing the relationship between human resource management and performance in small businesses. Collection: Theses and Dissertations (CLOSED)

File: Dissertation Draft 5-22-06.pdf Desc: Description: Size: 553956

URI: <http://hdl.handle.net/1813/3046> Visits: 474

AU: Anderson, Briana TI: EFFECTS OF ENDORSER ATTRACTIVENESS ON AUDIENCE PERCEPTION OF ENDORSER CREDIBILITY IN CORPORATE SOCIAL RESPONSIBILITY MESSAGES KW: corporate social responsibility; communication; credibility; attractiveness; endorser IssD: 2004-12-20 Pub: Publisher:

ABS: Much research has been conducted regarding the physical attractiveness of spokespersons as related to perceptions of credibility of the spokesperson and the sponsoring organization. Advertising and marketing research has shown that physical attractiveness can lead to greater perceptions of credibility of both the spokesperson and sponsoring organization, but these findings often depend on the type of products being marketed, e.g. everyday products versus beauty-enhancing products. This thesis is an experiment that tests whether a highly attractive or moderate/unattractive endorser leads to greater perceived credibility of corporations in the context of selling ideas, i.e. the concept and credibility of corporate social responsibility messages, rather than the selling of commercial products. The study also tested for interactions between attractiveness o Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/231> Visits: 891

AU: Anderson, Garrett TI: TOR Signaling and Arabidopsis Development KW: Arabidopsis; Development; Raptor; TOR; mei2-like; AML IssD: 2004-11-29 Pub: Publisher:

ABS: TOR (target of rapamycin) proteins are central regulators of cell growth in eukaryotes. Acting as protein kinases, they integrate nutrient, amino acid and hormonal signals to regulate ribosomal activity, mRNA recruitment to the ribosome and other processes via the phosphorylation of downstream activators. Their ability to phosphorylate target substrates depends on the activity of a second conserved eukaryotic protein, Raptor (regulatory associated protein of TOR), which as a TOR binding pa Collection: Theses and Dissertations (CLOSED)

File: TOR Signaling and Arabidopsis Development.pdf Desc: Description: Size: 946439

URI: <http://hdl.handle.net/1813/214> Visits: 698

AU: Aquila, Meredith Suzanne Hahn TI: Video Play Pathways for Females: Developing Theory KW: games and play; gender IssD: 2006-07-14 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: FINALTHESIS.pdf Desc: Description: Size: 797847

URI: <http://hdl.handle.net/1813/3284> Visits: 16

AU: Arango, Carlos Alberto TI: Classical and Semiclassical Mechanics of Molecular Rotors in Tilted Fields KW: classical mechanics; semiclassical mechanics; molecular rotors; combined fields; control rotational degrees of freedom; monodromy IssD: 2005-06-21 Pub: Publisher:

ABS: We investigate the classical mechanics of diatomic and symmetric top molecules in tilted fields. These molecules exhibit regular, chaotic or mixed phase space depending on the tilt angle β , the energy E , and the relative intensity of the fields $\omega/\Delta\omega$. In the integrable collinear problem the projection of the angular momentum into the spatial z axis is a constant of motion, m_z , which allows us to explore the geometry of the phase space, and to use energy momentum diagrams to classify the motions of the rotor. For $\beta \neq 0$ the system is non-integrable showing mostly regular dynamics in the high-energy (free-rotor) and low-energy (pendular) limits; for energy near the tilted fields barrier the phase space is highly chaotic with degree of chaos increasing with β between 0 and $\pi/2$. Periodic orbits and bifurcation diagrams are obtained from symmetry lines and their iterations under the Poincaré map. These bifurcation diagrams are used to observe the changes in the basic structure of the phase space as β changes between collinear and perpendicular fields. Some quantum eigenstates are localized near stable or unstable periodic orbit Collection: Theses and Dissertations (CLOSED)

File: caa.thesis.ch0-2.pdf Desc: Description: Thesis: chapters 0-2 Size: 8222899

URI: <http://hdl.handle.net/1813/1499> Visits: 713

AU: Archer, Andrew TI: Synthesis and Reactivity of the Bis(phenylimino)pyridine Iron Bis(dinitrogen) Complex: Catalyst Deactivation Via Arene Coordination KW: Iron; Bis(imino)pyridine; Iron Catalysis; Arene Coordination; dinitrogen IssD: 2006-07-13 Pub: Publisher:

ABS: In pursuit of highly active iron-based catalysts for bond-forming reactions, the phenyl-substituted bis(phenylimino)pyridine iron bis(dinitrogen) complex, (iPrPhPDI)Fe(N₂)₂ (iPrPhPDI = 2,6-(2,6-(CHMe₂)₂C₆H₃N=CC₆H₅)₂C₅H₃N), was prepared by sodium amalgam reduction of the ferrous dichloride precursor under four atmospheres of dinitrogen. The bis(dinitrogen) compound displayed catalytic productivity for the hydrogenation and hydrosilation of 1-hexene superior to that of the methyl-substituted analog, (iPrPDI)Fe(N₂)₂ (iPrPDI = 2,6-(2,6-(CHMe₂)₂C₆H₃N=CCH₃)₂C₅H₃N). However, the catalytic productivity with more hindered substrates, such as cyclohexene and (R)-(+)-limonene, was inferior. The diminished catalytic productivity with these substrates precipitated from competitive deactivation via irreversible formation of η^6 -aryl and η^6 -phenyl complexes unobserved in the chemistry of (iPrPDI)Fe(N₂)₂. Dissolution of (iPrPhPDI)Fe(N₂)₂ in coordinating solvents such as THF or cyclohexene prompted exclusive formation of the η^6 -phenyl derivative, whereas dissolution in non-coordinating solvents such as pentane, ether, Collection: Theses and Dissertations (CLOSED)

File: Archer_Thesis_Final_Approved.pdf.txt Desc: Description: Extracted text Size: 84

URI: <http://hdl.handle.net/1813/3272> Visits: 21

AU: Ardia, Daniel TI: INDIVIDUAL AND GEOGRAPHIC VARIATION IN LIFE HISTORY TRADEOFFS IN TREE SWALLOWS AND EUROPEAN STARLINGS KW: IssD: 2004-06-22 Pub: Publisher:

ABS: This work investigated individual and geographic variation in life history tradeoffs in tree swallows (*Tachycineta bicolor*) and European starlings (*Sturnus*

vulgaris) by examining how breeding females make tradeoffs between current and future reproduction. In tree swallows, timing of breeding is a strong predictor of reproductive success, with early laying birds tending to have higher fitness than do later laying birds. Experimental manipulation of offspring numbers in Ithaca, NY, revealed that later-laying females raising enlarged broods showed significantly decreased cell-mediated immune responses to phytohaemagglutinin (PHA) and humoral responses to sheep red blood cells (SRBC) relative to higher-quality females. Nestlings in enlarged broods grew at slightly slower rates, but otherwise nestlings did not differ in offspring quality among groups, suggesting tree swallows are willing to

Collection: Theses and Dissertations (CLOSED)

File: ardia.pdf Desc: Description: Size: 324180

URI: <http://hdl.handle.net/1813/132> Visits: 700

AU: Armstrong, Drew Douglas TI: Generalized noncrossing partitions and combinatorics of Coxeter groups KW: combinatorics; Coxeter groups; noncrossing partitions; Catalan numbers; Fuss-Catalan numbers IssD: 2006-06-15 Pub: Publisher:

ABS: This thesis serves two purposes: it is a comprehensive introduction to the "Catalan combinatorics" of finite Coxeter groups, suitable for nonexperts, and it also introduces and studies a new generalization of the poset of noncrossing partitions. This poset is part of a "Fuss-Catalan combinatorics" of finite Co

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File: thesis.pdf Desc: Description: Size: 1526580

URI: <http://hdl.handle.net/1813/3206> Visits: 86

AU: Balcetis, Emily E. TI: Motivated Visual Perception: How We See What We Want To See KW: Motivation; Visual Perception; Motivated Reasoning; Top-Down; Wishful Thinking; Cognitive Dissonance IssD: 2006-07-14 Pub: Publisher:

ABS: In 2001, a U.S. nuclear submarine surfaced underneath a Japanese fishing vessel, causing it to sink-9 died. In 1999, 41 bullets fired by 4 New York police officers hit and killed Amidou Diallo, who pulled from his pocket a wallet rather than what the police thought was a gun. In both tragedies, one might ask how these central actors could have failed to see what was plainly visible. With this work, I ask how perceptual systems represent the surrounding world if not in a veridical manner. I propose that the perceptual representations of which perceivers are consciously aware are colored by nonconscious motivational forces. Motivations, including wishes, dissonance

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File: Balcetis.Dissertation.pdf Desc: Description: Size: 697973

URI: <http://hdl.handle.net/1813/3285> Visits: 17

AU: Becker, Kathryn TI: Courting Serendipity: The Search for Transient Radio Signals KW: radio astronomy; transient signals IssD: 2005-05-09 Pub: Publisher:

ABS: The transient radio sky remains a frontier of observational astronomy, not for lack of scientific promise, but for practical obstacles: terrestrial radio frequency interference (

Collection: Theses and Dissertations (CLOSED)

File: thesisV4.pdf Desc: Description: Volume 4 Size: 16575592

URI: <http://hdl.handle.net/1813/1182> Visits: 657

AU: Beckwitt, Kale TI: STATIONARY AND NON-STATIONARY CASCADED INTERACTIONS IN QUADRATIC NONLINEAR KW: nonlinear optics; quadratic

media; second-order media; non-stationary processes; phase compensation; spatiotemporal solitons; multidimensional solitons; effective Raman; non-instantaneous processes; cascaded quadratic processes IssD: 2004-07-15 Pub: Publisher:

ABS: This thesis presents experimental and theoretical investigations of processes involving the propagation of short optical pulses in second order nonlinear materials. Since pulse propagation in these materials involves the nonlinear coupling of fields at different frequencies, the dynamics are rich and complex. Collection: Theses and Dissertations (CLOSED)

File: KB_thesis.pdf Desc: Description: Size: 2650753

URI: <http://hdl.handle.net/1813/151> Visits: 618

AU: Beiting, Daniel TI: Regulation of the immune response to the muscle stage of the parasitic nematode *Trichinella spiralis* KW: Immunity; Nematode; Interleukin-10; inflammation; *Trichinella spiralis*; transgenic IssD: 2006-04-21 Pub: Publisher:

ABS: The parasitic nematode *Trichinella spiralis* is a natural pathogen of rodents and humans, exhibits a broad host and geographic range, and has served as a valuable model for the study of mucosal immunity. Little is known, however, of the cellular immune response to the chronic and disseminated stage of the parasite that resides within individual, striated skeletal muscle cells. Despite a potent humoral response to muscle stage parasites, there is limited cellular infiltration of infected muscle. We hypothesized that suppression of inflammation was an active process mediated by T helper type 2 (TH2) responses that are characteristic of helminth infections. To address this hypothesis we conducted in vivo experiments using a synchronous model of infection that bypassed the intestine and allowed us to examine the immune response specifically to muscle-stage parasites. We utilized transgenic mice, adoptive transfer of specific cell populations, flow cytometry, cytokine analysis, histology and immunohistochemistry to characterize the cellular infiltrate that is recruited to infected muscle, identify molecules that modulate this inflammatory response, and finally, to delineate the mechanisms of immune regulation. Collection: Theses and Dissertations (CLOSED)

File: Beiting Dissertation.pdf Desc: Description: Size: 25145115

URI: <http://hdl.handle.net/1813/2859> Visits: 158

AU: Beltran, William TI: Cellular and molecular studies of ciliary neurotrophic factor receptor alpha expression and ciliary neurotrophic factor mediated neuroprotection in the canine retina KW: neuroprotection; retina; CNTF; canine; CNTFRalpha; dog; photoreceptor IssD: 2006-04-27 Pub: Publisher:

ABS: Over the past decades, extensive new knowledge on the cellular and molecular mechanisms of vision has been acquired. During the genomic era, numerous genes involved in retinal function have been identified, some of which have been causally associated with various forms of retinal disorders. Despite this rapid progress in the understanding of retinal biology, retinal degeneration, the most common cause of blindness in the developed world remains an untreatable condition. A therapeutic strategy that has been tested in several animal models of retinal degeneration has been to deliver intraocularly a survival factor, ciliary neurotrophic factor (CNTF), in an attempt to delay or prevent the progression of the disease. Collection: Theses and Dissertations (CLOSED)

File: Beltran PhD thesis.pdf Desc: Description: Size: 7356860

URI: <http://hdl.handle.net/1813/2918> Visits: 190

AU: Berg, Andrew TI: Forecasting Natural Gas Prices Using Time Series Models KW: Economics; Natural Gas; Consumer Price Index; Time series IssD: 2006-05-05 Pub: Publisher:

ABS: The objective of this thesis is to estimate the natural gas component of the All Urban Consumer Price Index (CPI-U) using time series forecasting models. Being able to accurately predict future CPI-U values is important because it allows portfolio managers and financial institutions to properly adjust their market positions for inflation prior to the CPIs print. Certain bonds, such as Treasury Inflation Protected Securities (TIPS), are indexed to CPI and accrete in value as the CPI increases. Accurately knowing the print of the CPI prior to its publication allows Collection: Theses and Dissertations (CLOSED)

File: arb_thesis.pdf Desc: Description: Size: 2050347

URI: <http://hdl.handle.net/1813/2978> Visits: 174

AU: Berger Ricca, Andres TI: ROOT DEVELOPMENT AND SOIL NITROGEN AVAILABILITY AS DRIVERS OF MAIZE-WEED COMPETITION KW: root; maize-weeds competition; canopy hierarchies IssD: 2005-10-11 Pub: Publisher:

ABS: A mechanistic understanding of crop-weed interaction has been used in dynamic simulation models of the growth of crop-weed mixtures to estimate the outcomes of competition, including yield losses, and predict the effects of management practices. In the case of an annual crop such as maize, when plants in mixtures begin to compete for light during the early growing season, the relative position of the leaves of the crop and weeds determine the light captured by the plant and its subsequent growth and yield. Thus the total area and distribution of leaves, and factors that can change those characteristics will impact crop competitiveness. Below ground resources such as nitrogen or water availability, are thought to be among those factors that influence leaf area and distribution. However due to the complexity of studying competition for below ground resources, little info Collection: Theses and Dissertations (CLOSED)

File: ROOT DEVELOPMENT AND SOIL NITROGEN AVAILABILITY AS DRIVERS OF MAIZE-WEED COMPETITION.pdf Desc: Description: Size: 700016

URI: <http://hdl.handle.net/1813/2237> Visits: 643

AU: Berman, Kimberly Ann TI: CARPET WEAVERS AND WEAVING IN THE GLOBAL MARKET: THE CASE OF TURKEY KW: carpet; weaving; Turkey; rural women IssD: 2006-06-20 Pub: Publisher:

ABS: The purpose of this study is to examine factors affecting the lives of women who weave carpets in rural Turkey by investigating these questions: 1) Why do rural Turkish women weave carpets? 2) What are the influences of the global market on carpet design? 3) In what ways Collection: Theses and Dissertations (CLOSED)

File: kim berman thesis.pdf Desc: Description: Size: 1515108

URI: <http://hdl.handle.net/1813/3212> Visits: 72

AU: Bernier, Joel TI: On the Use of Diffraction in Quantifying the Structure and Micromechanical State of Polycrystalline Materials KW: texture analysis; lattice strain; pole figure inversion; optimization IssD: 2006-01-06 Pub: Publisher:

ABS: This dissertation essentially consists of three related studies concerned with quantifying the structure and micromechanical state of bulk polycrystalline materials. They are contained in Chapters 1, 2 and 3, which may be read independently. The

emphasis is on the development of new methods for the analysis Collection: Theses and Dissertations (CLOSED)

File: final.pdf Desc: Description: Size: 15352626

URI: <http://hdl.handle.net/1813/2604> Visits: 425

AU: Bhambore, Meghna TI: UNDERSTANDING THE IMPACT OF PHYSICAL ENVIRONMENT ON THE CREATIVE PROBLEM SOLVING PROCESS AT BRAINSTORE LTD KW: Physical environment; Creative problem solving process IssD: 2006-01-03 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: page 1 Desc: Description: 3 (title, copyright & abstract) 121305 {file 1} - Meghna Bhambore.pdf, 141174, First File to be printed Size: 2

URI: <http://hdl.handle.net/1813/2596> Visits: 513

AU: Bissonnette, Dennis Michael TI: TWINS, THE B/PR55 REGULATORY SUBUNIT OF PROTEIN PHOSPHATASE IIA, IS NECESSARY FOR PHOTORECEPTOR FATE SPECIFICATION AND MORPHOGENETIC FURROW INITIATION IN THE DROSOPHILA MELANOGASTER EYE KW: twins, PP2A, EGFR, Ras, Drosophila IssD: 2005-09-27 Pub: Publisher:

ABS: The Ras/MAPK pathway plays an essential role in the development and differentiation of eukaryotic organs. During Drosophila eye development, the cells of each unit, or ommatidium, of the eye are specified from a field of undifferentiated cells. As the morphogenetic furrow passes across the eye field, the Ras/MAPK pathway is reiteratively activated in cells posterior to the furrow to recruit first the eight photoreceptors, then the four cone cells, and finally the pigment cells. Understanding Ras/MAPK's regulation is essential to knowing how i Collection: Theses and Dissertations (CLOSED)

File: Bissonnette Dissertation.pdf Desc: Description: Size: 3668448

URI: <http://hdl.handle.net/1813/2203> Visits: 534

AU: Blake, Christine TI: HOW ADULTS CONSTRUCT FOOD CHOICE: CATEGORIES, CONTEXTS, AND SCRIPTS KW: food choice; schemas; scripts; food classification; eating context IssD: 2006-04-27 Pub: Publisher:

ABS: People are more likely to accept, integrate, and act on nutrition information that corresponds with their food cognitions. The purpose of this project was to explore and describe how adults construct food choices using schema theory as a way to understand food cognitions. Forty-two purposively recruited, employed US adults completed repeated card-sort tasks and in-depth, qualitative interviews related to different eating contexts. They sorted 59 food cards across multiple contexts. These data were analyzed for the types of categories that participants used to organize the cards using grounded theory approaches. Personal-experience-based ways of classifying were specific to the individual. Context-based ways of classifying were related to different characteristics of eating episodes. Food-based ways of classifying were related to properties of food. Cluster analysis was used to identify clusters of participants according to salience of their ways of classifying the food cards. Seven clusters were identified. To gain understanding of how participants constructed food choice in a specific eating episode, the researcher analyzed passages from the interview transcripts related to the evening meal. Analysis identified participants' scripts for this meal in terms of interconnected dominant values, general expectations, and plans that included strategies and

procedures. Scripts varied in scope and flexibility. The following eight kinds of scripts were identified and labeled using participants words: "providing dinner for my family," "head of the table cooks," "head of the table does not cook," "trying unsuccessfully to have a family meal," "share the work," "anything goes," and "live alone entertaining." The application of schema theory provided important insights into the mental processes involved in food choice. Individuals' unique food schemas consist of rich and complex categories that are differentially accessed depending on the food context. Food choice scripts demonstrate how individuals' mental processes are linked to behavior. These findings provide insights useful to nutrition professionals interested in promoting adoption of healthy eating habits. Collection: Theses and Dissertations (CLOSED)

File: Blake dissertation 4-26-06.pdf Desc: Description: Size: 11751482

URI: <http://hdl.handle.net/1813/2914> Visits: 137

AU: Boehner, Kirsten TI: Interfaces with the Ineffable KW: HCI; reflective design; communication; evaluation; ambiguity; interpretation; experience design IssD: 2006-06-30 Pub: Publisher:

ABS: In recent years, Human Computer Interaction (HCI) designers and researchers have shifted focus from a primary concern with procedural, generic, and task based applications to applications that address messy, personal, and aesthetic experiences. These difficult to formalize experiences, such as feelings of intimacy, spirituality, or a sense of place, are conceptualized as experiences of the ineffable. In this work, I use a reflective design practice to look at two primary approaches to designing interfaces with the ineffable, one emphasizes reduction and the other openness to interpretation. I discuss issues of control and reification that result from the reduction approach and develop the interpretation approach as a viable alternative requiring a re-thinking design and evaluation strategies and criteria. These issues and approaches are explored in detail through the development of two case studies. Case study one addresses the ineffable experience of art and presents a series of applications for interfacing with the ineffable in the art museum. Case study two details the ineffable experience of affect and presents a system designed for augmenting affective presence in an office environment. To further this work, I examine new thinking in both HCI and Communication for understanding every day interpretive acts and the implications for design. In addition, I advance reflective design as a new process based practice for the field of Communication. Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1801

URI: <http://hdl.handle.net/1813/3244> Visits: 45

AU: Brazeal, Gregory Peter TI: The Supreme Fiction: Fiction or Fact? Two Notes on Wallace Stevens and Philosophy KW: Wallace Stevens; Philosophy; Supreme Fiction; Helen Vendler; Qualified assertion IssD: 2006-05-26 Pub: Publisher:

ABS: The thesis presents two reflections on what it might mean to read Wallace Stevens philosophically. The first section argues that we would be better off avoiding the search for a supreme fiction in Stevens' poetry. By the poet's own standards, he never succeeded in creating one. The second section attempts to justify the abandonment of the search for the supreme fiction by suggesting another, perhaps more productive way in which Stevens' poetry might be philosophically read. In particular, it will be argued that what Helen Vendler calls Stevens' "qualified assertions" can be seen as a potent

technique for the avoidance of philosophical dogmatism. Collection: Theses and Dissertations (CLOSED)

File: stevens master's thesis complete.pdf Desc: Description: Size: 271417

URI: <http://hdl.handle.net/1813/3076> Visits: 160

AU: Brosseau, Tamra TI: Historic Interior Documentation: A Case Study KW: Historic; interiors IssD: 2006-05-04 Pub: Publisher:

ABS: This is a study of the documentation process of historical interiors, which examines the need for a procedure that records, evaluates, and documents interior architecture. An interior space can be recreated, restored, conserved or interpreted. I seek to demonstrate that a systematic approach to the documentation process is necessary to promote and further enhance the exchange of information regarding historical interiors within the preservation field. Consideration was given to the impact of such a system on the growing interest in historic interiors. Interdisciplinary approaches, including the fields of architecture, interior design, museum science, and historic preservation, were extensively researched. This involved evaluating the efficiency, accur Collection: Theses and Dissertations (CLOSED)

File: TBrosseauFinal[2].pdf Desc: Description: Size: 2225450

URI: <http://hdl.handle.net/1813/2945> Visits: 182

AU: Brown, Douglas Ronald TI: A Spatiotemporal Model of Forest Cover Dynamics and Household Land Use Decisions by Subsistence Farmers in Southern Cameroon KW: shifting cultivation; spatiotemporal modelling; spatiotemporal modeling; bioeconomic modelling; bioeconomic modeling; Cameroon; slash and burn agriculture; forest cover dynamics; household modelling; household modeling; land use decisions; subsistence farmers; Simile model; FLORES model; humid forest zone; Congo Basin; spatial resource model; spatial dynamics; stated preferences IssD: 2004-06-28 Pub: Publisher:

ABS: Shifting cultivation is one of many phenomena involving the interaction of humans with their natural environment, for which the spatial and temporal dimensions are essential to understanding the system. As a spatiotemporal phenomenon, shifting cultivation uses forest resources to provide the means for human sustenance, both from the temporary use of patches of forest for agricultural production and from the harvest of non-timber forest products fr Collection: Theses and Dissertations (CLOSED)

File: DRBrown 2004 Thesis.pdf Desc: Description: Size: 3374756

URI: <http://hdl.handle.net/1813/133> Visits: 646

AU: Burris, Simon TI: Refrains in Ancient Greek Poetry KW: refrain; poetry, lyric; poetry, greek IssD: 2004-01-28 Pub: Publisher:

ABS: What do refrains contribute to ancient Greek poetry? Modern scholarship has usually limited its treatment of ancient Greek refrains to considerations of their external associations. The tendency has been to explain refrains, both individually and as a formal type, by reference to assumed origins for the refrain form and its use in primitive song, for which we have little or no evidence. By contrast, I have attempted to explain the refrain form as an established feature within the ancient Greek poetic tradition. I am interested in two questions. First, what do individual refrains contribute to the individual poems in which they appear? Second, what literary refrain tradition is indicated by the surviving examples? Obviously the answering Collection: Theses and Dissertations (CLOSED)

File: Burris dissertation.pdf Desc: Description: Size: 839073

URI: <http://hdl.handle.net/1813/77> Visits: 2290

AU: Bush, Evelyn TI: Transnational Religion and Secular Institutions KW: Global Religion; Human Rights IssD: 2004-12-15 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: Transnational Religion and Secular Institutions.pdf Desc: Description: Size: 1495439

URI: <http://hdl.handle.net/1813/228> Visits: 580

AU: Cabrera, Derek Anthony TI: Systems Thinking KW: education; systems thinking; cognition; theory; public health; empirical; distinction making; perspective taking; organizing systems; interrelations IssD: 2006-04-21 Pub: Publisher:

ABS: This research set out to clarify the construct of systems thinking and to define it as a conceptual framework apart from systems science, systems theory, systems methods, and other perceived synonyms. Greater clarity in the systems thinking construct will assist any one of the many current implementation efforts in which systems thinking is being applied in both scientific disciplines and practical fields. One case of this is the application of systems thinking in public health. The challenges associated with this effort are generalizable to any of the other fields in which systems thinking is being applied. The ambiguities of the systems thinking construct are central to the challenges people face Collection: Theses and Dissertations (CLOSED)

File: DerekCabreraDissertation.pdf Desc: Description: Size: 3754100

URI: <http://hdl.handle.net/1813/2860> Visits: 195

AU: Cadle-Davidson, Molly TI: MECHANISM OF RESISTANCE TO BEAN COMMON MOSAIC VIRUS CONFERRED BY THE I LOCUS IN PHASEOLUS VULGARIS L. KW: Plant genetics; Plant pathology; Virus resistance; Bean common mosaic virus; Phaseolus vulgaris IssD: 2005-08-03 Pub: Publisher:

ABS: Resistance employed by plants to combat infection by pathogens from a broad range of species is frequently mediated by resistance genes (R genes). While R genes are known to be involved in pathogen recognition, how they convey this message to host defense machinery is not completely understood. These studies employ genetics and cell biology to evaluate the interaction of pathogen infection in resistant and susceptible host plants. The system used here is the I locus of *Phaseolus vulgaris* L. and the Potyvirus, Bean common mosaic virus (BCMV). Near isogenic lines for the I locus were challenged with BCMV at 20°C, 26°C and 34°C, and assayed over time using a number of different techniques. A protoplast system was developed for use in transfection experiments for determination of viral replication in the presence of the I allele. Confocal laser scanning microscopy was used in combination with fluorescence immunostaining to localize viral coat protein in resistant and susceptible responses. Genes that are differentially expressed in these isolines at 26°C and 34°C following inoculation with BCMV were detected using cDNA-AFLP. Protoplast experiments revealed that BCMV is able to accumulate in genotypes containing zero, one, or two copies of the I allele, although at different rates. Results from microscopic observations support the protoplast data and show that BCMV infects II, Ii and ii plants but that movement is restricted in resistant genotypes (II and Ii). cDNA-AFLP analysis revealed 20 genes that are differentially expressed during the infection process. Sequence analysis demonstrated that several of these genes are *Phaseolus* homologs of those

known to be involved in plant defense responses in other well-characterized systems.

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URI: <http://hdl.handle.net/1813/2125> Visits: 547

AU: Camenga, Kristin A. TI: Angle Sums on Polytopes and Polytopal Complexes KW: mathematics; angle sums; polytopes; polytopal complexes IssD: 2006-06-29 Pub: Publisher:

ABS: We will study the angle sums of polytopes, working to exploit the analogy between the f -vector of faces in each dimension and the α -vector of angle sums. The Gram relation on the α -vector is analogous to the Euler relation on the f -vector. Similarly, the Perles relations on the angle sums of simplicial polytopes

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File: thesis7.6.06.pdf Desc: Description: Size: 641598

URI: <http://hdl.handle.net/1813/3236> Visits: 60

AU: Cappers, Peter Andrew TI: An Evaluation of Demand Response in New York State's Wholesale Electricity Markets KW: Demand Response; Electricity Markets; Social Welfare; Public Good IssD: 2004-12-22 Pub: Publisher:

ABS: This thesis identifies the conditions under which and quantifies how much society gains from integrating demand response directly into wholesale electricity markets and the level of participation that will bring about these improvements. Furthermore, it identifies the conditions under which the bulk power system is made more reliable through the participation of demand response and the inducements necessary to achieve this improvement. To accomplish these goals, an econometric representation of New York's wholesale electricity markets' supply curves is developed in order to

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File: Cappers~MS~Thesis~Final.pdf Desc: Description: Size: 1665186

URI: <http://hdl.handle.net/1813/235> Visits: 547

AU: Caputo, Deanna TI: GOT PERP? EYEWITNESS ACCURACY, DECISION PROCESSES, AND PRESENTATION PROCEDURES USING SEQUENTIAL LINEUPS KW: eyewitness identification; sequential lineups; eyewitness decision processes; lineup presentation IssD: 2004-08-02 Pub: Publisher:

ABS: It was my objective to understand whether accurate and inaccurate eyewitnesses could be distinguished by their decision-making during a sequential-lineup. All eyewitnesses, except in Study 6, were shown a vid

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File: Dissertation 08-02-04 Final.pdf Desc: Description: Size: 1006029

URI: <http://hdl.handle.net/1813/170> Visits: 815

AU: Carberry, Edward J. TI: Defending Organizational Legitimacy after Enron: The Symbolic Use of Stock Option Accounting KW: organizational legitimacy; corporate scandals; stock options; accounting practices; Enron IssD: 2005-12-13 Pub: Publisher:

ABS: This paper examines the forces driving the adoption of an accounting practice, stock option expensing (SOE), among the Fortune 500 in the wake of the recent corporate scandals. I argue that in the ensuing debates and challenges to the legitimacy of existing institutional frameworks governing corporate behavior, SOE became a symbol of normative legitimacy and a way for organizations to defend against threats

to their own legitimacy. In analyzing the effects of different types of legitimacy threats, the results indicate that organizations in industries that were under intensive levels of investigation were more likely to adopt SOE, but that negative media scrutiny and shareholder activism did not influence SOE adoption. The results also suggest that as the Financial Accounting Standards Board threatened to require SOE, the significance of the practice as a symbol of normative legitimacy began to diminish. The findings broaden and deepen our understanding of how organizations engage in symbolic practice adoption to defend their legitimacy as well as the processes shaping the social construction of accounting practices. This paper also provides empirical support for recent theoretical claims regarding legitimacy defense and expands upon recent work that has made links between the impression management literature and neoinstitutional theory. Collection: Theses and Dissertations (CLOSED)

File: EC Thesis V2.pdf Desc: Description: Size: 421825

URI: <http://hdl.handle.net/1813/2546> Visits: 446

AU: Chan, Douglas S. TI: Random Multiple Access Communications on Multipacket Reception Channels KW: Multiple access communications; multipacket reception; MPR; CSMA; network capacity; collision detection; carrier sense multiple access IssD: 2006-01-06 Pub: Publisher:

ABS: By applying multiuser detection techniques, receivers today can decode multiple packets transmitted simultaneously over a channel. Known as multipacket reception (MPR), this presents a physical layer model significantly different from the one that practical design and theoretical analysis of many network protocols have traditionally assumed. The principal objective of this study is to consider the design of efficient multi Collection: Theses and Dissertations (CLOSED)

File: DSChanPhDDissertation.pdf Desc: Description: Size: 887106

URI: <http://hdl.handle.net/1813/2607> Visits: 669

AU: Chang, Hung-Hao TI: Economic Analysis of the Interrelationships Among Off-farm Work, Participation in the Conservation Reserve Program, and Farm Productivity of Farm Households in the United States KW: Conservation Reserve Program; Off-farm Work; Farm Productivity IssD: 2006-04-24 Pub: Publisher:

ABS: To better understand the interaction between the farm business and the farm household, this study identifies those factors that explain participation in two major sources of non-production income of farm households: off-farm employment by the operator and the spouse and the Conservation Reserve Program (CRP). In addition, we investigate the effects of Collection: Theses and Dissertations (CLOSED)

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URI: <http://hdl.handle.net/1813/2867> Visits: 200

AU: Chavez-Martin del Campo, Juan Carlos TI: Three Essays on Poverty Analysis KW: Poverty Measurement, Partial Identification, Data Contamination, Data Corruption, Identificacion Regions, Confidence Intervals, Hyperbolic Discounting, Time Inconsistency, Transfer Schedule, Program Evaluation, Heterogeneity in Program Impacts, Regressivity in Program Impacts, Progresia IssD: 2005-12-06 Pub: Publisher:

ABS: This dissertation is a collection of three essays that cover issues in poverty analysis Collection: Theses and Dissertations (CLOSED)

File: dissertation.pdf Desc: Description: Size: 474508

URI: <http://hdl.handle.net/1813/2536> Visits: 723

AU: Chavis, Larry TI: An Analysis of the Events that Sustained the Crisis in Indonesia
KW: Indonesia; Asian Financial Crisis IssD: 2005-12-02 Pub: Publisher:

ABS: This research aims to uncover the forces that led to the intense nature of the 1997 financial crisis in Indonesia. While the crisis struck many countries in Asia, Indonesia was particularly hard hit. By examining the how the Jakarta Stock Exchange and the Indonesian Rupiah reacted to news events during the crisis, this research seeks to identify which kind of news events were most responsible for Indonesia's volatility during the crisis. Where market players taking cues from the IMF and external credit rating agencies during the crisis or were Collection: Theses and Dissertations (CLOSED)

File: Whole Draft2.pdf Desc: Description: Size: 1763888

URI: <http://hdl.handle.net/1813/2532> Visits: 387

AU: Chen, Chun-yen TI: Impossible Difference: "Writing" and the Question of Community in Modern and Postcolonial Literature KW: postcolonial theory; ethics; community; difference; Baudelaire IssD: 2004-11-29 Pub: Publisher:

ABS: This dissertation contests indiscriminate valorization of "difference" and its cognates in postcolonial discourse by shifting attention to the ontological "impossibility of difference" of postcoloniality and to the ethical demand born of such an ontological consideration. The study begins with an analysis of Charles Baudelaire's treatment of the ethos of sameness in his lesbian poems. My argument is that at a time when the conceptualization of difference is assuming formative importance in modernity's political philosophy, cultural imaginary, and epistemology, Baudelaire's work is already undermining the Self-Other demarcation. The reason for my extending the scope retroactively to European modernity is that Baudelaire's time, as I view it, marks a historical juncture where the Self-Other dynamic begins to materialize a certain Collection: Theses and Dissertations (CLOSED)

File: diss-final version.pdf Desc: Description: Size: 1304009

URI: <http://hdl.handle.net/1813/215> Visits: 704

AU: Chen, Yi-Fan TI: Saturable Nonlinearity and Stable Multi-dimensional Optical Solitons KW: optical solitons; saturable nonlinearity; measurements of higher-order nonlinearities; spectrally-resolved two-beam coupling IssD: 2005-02-16 Pub: Publisher:

ABS: Stable multi-dimensional optical solitons have been predicted to exist in saturable instantaneous Kerr-like nonlinear systems for many years Collection: Theses and Dissertations (CLOSED)

File: phdthesyfc_v9.pdf Desc: Description: Size: 1984683

URI: <http://hdl.handle.net/1813/357> Visits: 679

AU: Chen, Yufen TI: TESTING THE ROLE OF SCHEMATA IN THE APPLICABILITY MODEL OF FRAMING EFFECTS: A SURVEY EXPERIMENT ON THE ISSUE OF BIOTECHNOLOGY KW: framing effects; applicability model IssD: 2004-09-10 Pub: Publisher:

ABS: Researchers have argued that conceptualization of cognitive mechanisms that underlie framing is vague and have proposed an applicability model to account for cognitive processes contributing to framing effects (Price & Tewksbury, 1997). The applicability model assumes the central roles of schema and views framing effects as applicability effects. In particular, it assumes that media framing will only have an effect if it resonates Collection: Theses and Dissertations (CLOSED)

File: Microsoft_Word_Thesis.pdf Desc: Description: Size: 1326474
URI: <http://hdl.handle.net/1813/185> Visits: 705

AU: Chiu, Imes TI: When New Things Were Old KW: horse; jeep; cavalry; jeepney; motorcar; automobile; horseless carriage; innovation; technological change; technological diffusion; advertisement; marketing; technology transfer; military; World War II; David Stirling; calesa; devil wagon; Bantam; motorization; ubiquitous technology; organizational change IssD: 2006-03-10 Pub: Publisher:

ABS: How does a novel artifact become a mainstream device? Three case studies on the transition from muscle to motor power indicate that the transfer of practices from old to new technologies facilitates technological change and diffusion. Case One examines the horseless carriage industry in the United States during the first decade of the twentieth century. To understand manufacturers' efforts to generate consumer demand, this study reflects upon printed advertisements, manuals, and social comm Collection: Theses and Dissertations (CLOSED)

File: ImesChiuDissertation.pdf Desc: Description: Size: 16494851
URI: <http://hdl.handle.net/1813/2685> Visits: 540

AU: Chong, Mark TI: Risk perception and communication about agricultural biotechnology in developing countries: The case of Bt eggplant in India KW: Risk perception; Risk communication; Agricultural biotechnology; Developing countries IssD: 2005-04-22 Pub: Publisher:

ABS: Several researchers - most notably Lennart Sjoberg and his colleagues - have proposed that the moral aspects of risk provide a better explanation and prediction of risk perception than the psychometric or cultural model, neither of which accounts for moral concerns. This study is possibly the first to empirically assess if the moral, psychometric and cultural models can explain risk perception of agricultural Collection: Theses and Dissertations (CLOSED)

File: Risk perception and communication about agricultural biotechnology in developing countries.pdf Desc: Description: Size: 669405
URI: <http://hdl.handle.net/1813/1007> Visits: 749

AU: Clark, Stephen TI: COLLOIDAL CDSE/ZNS, PBSE AND PBS QUANTUM DOTS FOR USE IN APPLICATIONS KW: quantum dots IssD: 2005-10-24 Pub: Publisher:

ABS: Colloidal semiconductor Collection: Theses and Dissertations (CLOSED)

File: StephenClarkThesis.pdf Desc: Description: Size: 1669905
URI: <http://hdl.handle.net/1813/2264> Visits: 598

AU: Cobble, Willie Eugene Jr TI: The Politics of Identity and Interest in European Defense Industrial Collaboration KW: European Union; procurement; Eurofighter; Tornado; Reciprocal Purchasing Agreement; NATO; Western European Union; IEPG; defense; social constructivism; realism; international relations; defense industry; Europe IssD: 2004-03-01 Pub: Publisher:

ABS: This dissertation is a social constructivist analysis of the ideational foundations of West European defense industrial cooperation. Traditional analytical approaches within International Relations theory, namely structural realism, do not highlight the role that social identity may play in shaping state behavior?except to regard it conceptually as predetermined, as methodologically unapproachable, or as epiphenomenal. The study of European armaments collaboration, however, demands that scholars consider

identity as both official elite rhetoric and mass surveys maintain that an emergent, transnational European identity not only exists within the member societies of the European Union (EU), but it may also shape certain areas of state activity. This thesis uses social constructivism as an explanatory framework in order to ascertain the degree that this regional identity facilitates the Collection: Theses and Dissertations (CLOSED)
File: Politics of Identity and Interest_ECobble 1March04.pdf Desc: Description: Size: 1895919
URI: <http://hdl.handle.net/1813/89> Visits: 843

AU: Codr, Dwight Douglas TI: A Store Yet Untouched: Speculative Ideologies in Eighteenth-Century English Literature KW: eighteenth-century literature; history of finance; Fielding, Henry; Johnson, Samuel; Haywood, Eliza; ideology IssD: 2005-12-01 Pub: Publisher:

ABS: This dissertation explores the ways in which attacks on speculative practices articulated in the financial literature of the seventeenth and eighteenth centuries were revised and reformulated in the literary productions of eighteenth-century English fiction writers. The title of this dissertation derives from William Hazlitt's remark that the "past is like money that is spent," while the future "is like a store yet untouched, and in the enjoyment of which we promise ourselves infinite gratification" ("On the Past and Future"). Hazlitt's figuration of time as money refers us to an important historical connection between England's revolutionized financial order and alterations in the individual's relationship to futurity. The financial revolution, as P.G.M. Dickson famously styled it, brought the British a new sense of the individual's control over his or her material destiny in the temporal order of things; and the challenge it posed to a Providentialist view of history was addressed and negotiated by countless literary texts of the period in explicit or implicit fashion. Rather than sidestepping the vexing theoretical problem of how a revolution could be said to exist independently of the discourse that names it so, this dissertation argues that the historically significant fictional discourses of the eighteenth century acted to mark the historical moment as one particularly interested in the status of the forward-looking (often explicitly financial) subject. Ascertaining how texts of this period established ethical distinctions between prudential foresight and "scheming" offers a new way of understanding the development of eighteenth-century fiction as well as the broader cultural narratives from which those fictions drew energy and, indeed, a readership. The carving of ethical space for the speculative subject, one who was forward-looking without being either presumptuous or manipulative, is shown to be a central moral concern and literary opportunity for writers such as Daniel Defoe, Richard Steele, Alexander Pope, Eliza Haywood, Samuel Richardson, Henry Fielding, and Samuel Johnson. Collection: Theses and Dissertations (CLOSED)

File: A Store Yet Untouched.2.pdf Desc: Description: Size: 2110750
URI: <http://hdl.handle.net/1813/2530> Visits: 398

AU: Cohen, Jennifer TI: Making Time: Toward a Historical Materialist Fashion KW: fashion; Walter Benjamin; Martin Margiela; Rei Kawakubo; deconstruction; craft IssD: 2006-01-23 Pub: Publisher:

ABS: This thesis analyzes the social significance of the abstract phenomenon of fashion, with reference to sartorial examples from the Fashion industry, using Walter Benjamin's writing on surrealism and fashion as a theoretical model. Examples primarily come from "deconstructive" designers including Martin Margiela and Rei Kawakubo, and

post-deconstruction designers such as Jun Takahashi and everyday wearers who make or remake their own garments at home. Benjamin's arguments are presented in terms of his wider political project, demonstrating the continued relevance of his thought in understanding contemporary aesthetic, commercial and material practices. In addition, the thesis refers Georg Simmel and Ernst Bloch, as well as historian Pierre Nora, in order to define the relations between past and present, making and wearing, and production and Collection: Theses and Dissertations (CLOSED)

File: final thesis draft.pdf Desc: Description: Size: 8474632

URI: <http://hdl.handle.net/1813/2625> Visits: 466

AU: Cohen, Yurii TI: Self-Conceptions and Practical Reasons KW: Self-Conceptions; Practical Reasons; Practical Reasoning IssD: 2005-11-18 Pub: Publisher:

ABS: The aim of this project is to make sense of the relationship between practical reasons and self-conceptions (i.e. descriptions that an agent believes to be true of herself or is working to make true of herself). To achieve this aim, I have organized this project around three goals: (1) to offer a precise statement of the relationship between self-conceptions and practical reasons, (2) to describe the nature of th Collection: Theses and Dissertations (CLOSED)

File: Bibliography_Final_.pdf Desc: Description: Bibliography Size: 101999

URI: <http://hdl.handle.net/1813/2495> Visits: 529

AU: Colosi, Laura TI: Non-marital Births, Poverty and Welfare Reform KW: non-marital pregnancy; welfare reform IssD: 2006-02-09 Pub: Publisher:

ABS: The central question this paper addresses is what effect will the provisions to reduce non-marital births in the Personal Responsibility and Work Opportunity Reconciliation Act of 1996 have on non-marital birth rates? Data from state waivers prior to the 1996 legislation is used to capture the policy environment in which a non-marital birth occurred in several states between 1992 and 1996; and to assess variation(s) in fertility behavior among those states. Creation of policy variables based on state waiver data allowed for further estimates of the impact (in selected states) of the specific policy provisions in the PRWORA aimed at reducing out of w Collection: Theses and Dissertations (CLOSED)

File: Colosi Dissertation.2.9.06.FINAL.pdf Desc: Description: Size: 705660

URI: <http://hdl.handle.net/1813/2641> Visits: 378

AU: Cons, Jason G. TI: Claiming Territory KW: India; Sociology; Colonialism; Space; North-West Frontier; Historical IssD: 2004-12-22 Pub: Publisher:

ABS: In this thesis, I examine the discursive construction of colonial state space in the context of British India's turn of the century North-West Frontier. My central argument is that notions of a uniform state space posited in official theorizations of the frontier need to be reexamined not as evidence of a particular kind of rule, but rather as a claim to having accomplished it. Drawing on new colonial historiographies that suggest ways of reading archives and archival documents for their silences and on historical sociological understandings of state-formation, I offer close readings of three different kinds of documents: writing about the North-West Frontier by members of the colonial administration, annual general reports of the Survey of India, and narratives written by colonial frontier officers detailing their time and experience of "making" the frontier. I begin by looking at the writings of George Nathaniel Curzon and others attempting to theorize the concept of frontiers in turn of the century political discourse. Framed

against the backdrop of the “Great Game” for empire with Russia and the progressive territorial consolidation of colonial frontiers into borders in the late 19th century, these arguments constitute what I call a “colonial theory of frontiers.” This theory simultaneously naturalizes colonial space and presents borders as the inevitable result of colonial expansion. This theorization, I argue, is particularly important to reexamine as it operates on a set of assumptions that have been adopted into social science notions of territory. These assumptions take space as “given” and s Collection: Theses and Dissertations (CLOSED)

File: Cons Masters 4.pdf Desc: Description: Size: 5908548

URI: <http://hdl.handle.net/1813/234> Visits: 618

AU: Conway, Christopher TI: An odyssey through sight, sound, and touch: Toward a perceptual theory of implicit statistical learning KW: artificial grammar learning; statistical learning; implicit learning; tactile learning; modality effects IssD: 2005-07-27 Pub: Publisher:

ABS: In order to steer through a world characterized by a complex mixture of variability and structure, organisms rely upon implicit statistical learning, the capability to extract probabilistic patterns occurring in environmental stimuli. Although statistical learning has been found to occur across a myriad of domains, there has been little investigation into the effect that sense modality and other stimulus attributes may have on learning. In a series of experiments, I investigate to what extent implicit statistical learning is constrained and influenced by the nature of the input in which the statistical regularities occur. All experiments have in common the use of artificial grammar learning methodology, where adult participants are incidentally exposed to statistically-governed patterns and then are tested on their ability to apply their acquired knowledge to novel instances. Chapter 2 presents two experiments that compared learning across touch, vision, and audition, producing evidence for modality constraints. Specifically, the auditory modality displayed a quantitative learning advantage compared to vision and touch; additionally, each sense modality was more or less attuned to specific aspects of the input. Chapter 3 describes an experiment that further explored modality constraints by manipulating both the presentation format (temporal, spatial, or spatiotemporal) and presentation rate for visual and auditory material. Consistent with a modality-constrained view of learning, vision and audition were best at encoding spatial and temporal regularities, respectively. Finally, using a novel cross-over design, Chapter 4 presents three experiments that pitted abstract, amodal processing against stimulus-specific learning and found that statistical learning is mediated to a greater extent by stimulus-specific, not abstract, representations. Taken together, the results from these experiments suggest that statistical learning inherently involves learning mechanisms that are heavily influenced by the perceptual and sensory characteristics of the stimuli. I argue that a full understanding of statistical learning -- and likely other aspects of language and cognition will come only by specifying the role played by the senses. I conclude with a proposal for a perceptual, modality-constrained view of implicit statistical learning framed within the context of cognition as a whole. Collection: Theses and Dissertations (CLOSED)

File: conway-diss.pdf Desc: Description: Size: 777672

URI: <http://hdl.handle.net/1813/2107> Visits: 517

AU: Coryell, Erin TI: Isms, Schisms, and Decisions: Preservation Planning for the Parishes of the Roman Catholic Archdiocese of Boston KW: IssD: 2005-01-03 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: ErinThesis Total.pdf Desc: Description: Size: 985734

URI: <http://hdl.handle.net/1813/237> Visits: 651

AU: Crainiceanu, Adina TI: Answering Complex Queries in Peer-to-Peer Systems KW: peer-to-peer systems; range index; databases; complex queries IssD: 2006-02-08 Pub: Publisher:

ABS: Peer Collection: Theses and Dissertations (CLOSED)

File: dissertation.pdf Desc: Description: Size: 714404

URI: <http://hdl.handle.net/1813/2640> Visits: 329

AU: Cu, Yen TI: Design of Plasmid Amplified DNA Building Block Synthesis System and Evaluation of Dendrimer-Like DNA Based Fluorescent Nanobarcodes KW: DNA; DNA Building Block; generic; nucleic acid engineering; barcode; Fluorescent barcode IssD: 2005-08-05 Pub: Publisher:

ABS: Methods for producing DNA building blocks with high purity and yield were investigated, including solid-phase DNA synthesis and plasmid amplified DNA synthesis (PADS). In addition, an analysis of the properties of dendrimer-like DNA (DL-DNA) as nanobiosensor was conducted to Collection: Theses and Dissertations (CLOSED)

File: MSThesis_YC266.pdf Desc: Description: Size: 7133593

URI: <http://hdl.handle.net/1813/2134> Visits: 720

AU: Da Costa, Alexandre Emboaba TI: ONSTRUCTING THE NEW CITIZENSHIP THROUGH THE MUNICIPAL COUNCIL FOR THE DEVELOPMENT AND PARTICIPATION OF THE BLACK COMMUNITY IN CAMPINAS, BRAZIL KW: Afro-Brazilians, Citizenship, Politics of Identity, Brazil, Municipal Councils, Racial Inequality IssD: 2005-04-11 Pub: Publisher:

ABS: This thesis examines contemporary racial politics and constructions of citizenship in the Municipal Council for the Development and Participation of the Black Community in Campinas, S?o Paulo, Brazil. The central questions of the study are: (1) in relation to citizenship, how have Afro-Brazilian organizations, social movements, and other institutions framed the issues that are affecting the Black community, and what solutions/processes are they suggesting to deal with them? (2) What kind of dialogue/interaction have Council efforts produced between groups in society and the municipal government and how has this contributed to a discourse of ?new citizenship? for Afro-Brazilians? And (3) how can analyzing Afro-Brazilian politics of identity through a framework of citizenship help interpret Collection: Theses and Dissertations (CLOSED)

File: title page and abstract.pdf Desc: Description: title page and abstract Size: 28732

URI: <http://hdl.handle.net/1813/776> Visits: 880

AU: Dale, Richard A C TI: Continuity in categorization and theoretical implications KW: action; cognition; representation; categorization IssD: 2006-06-26 Pub: Publisher:

ABS: Traditional theories of cognition assume that motor action is executed in an all-or-none fashion, and has little importance for understanding cognitive representation and

processing. A series of experiments and simulations presented here challenges this assumption. A relatively higher-order cognitive process, categorization, is shown to have graded effects that are reflected in manual motor output, measured through streaming x-y coordinates from mouse trajectories. Two simulations show that these effects are likely generated from a system in which cognition and action interact fluidly. Finally, theoretical implications of these experiments are drawn out. Symbolic dynamics is introduced, a potential means for reconciling both traditional and continuous accounts of cognition. A broad philosophical discussion follows, in which an integrative and pluralistic approach to cognition is proposed and briefly discussed. Collection: Theses and Dissertations (CLOSED)

File: dissertation.pdf Desc: Description: Size: 2763307

URI: <http://hdl.handle.net/1813/3229> Visits: 50

AU: Day-O'Connell, Sarah TI: Anatomy, Industry, and the English Canzonet (1770-1820): Placing Women in the Private Sphere KW: english canzonet; anatomy; industry; private sphere; gender; death; time; memory; sigh; beauty; music and literature; music and visual culture; Joseph Haydn; Anne Hunter; John Hunter; Johann Peter Salomon; George Frederick Pinto; James Hook; Jan Ladislav Dussek; William Jackson; Stephen Storace; Thomas Carter; William Hogarth; Samuel Rogers; Mary Hays; Hannah Cowley; Jurgen Habermas IssD: 2004-07-29 Pub: Publisher:

ABS: In late 18th-century England, scientists and artists alike sought doctrines that would elaborate a set of "fundamental" feminine attributes justifying women's restriction to the private sphere. Through musical analysis and readings of contemporary literary and popular-print culture, this dissertation shows how the English canzonet (a genre of domestic song known today primarily through Haydn's two sets, but which was then widespread and popular) reflected medical and industrial discourses about gender, and through these "public sphere" disco Collection: Theses and Dissertations (CLOSED)

File: 3. Sighs.PDF Desc: Description: Print Order 13 -- Chapter 3 Size: 17735207

URI: <http://hdl.handle.net/1813/163> Visits: 721

AU: de Acosta, Diego TI: <HAVE + PERFECT PARTICIPLE> IN ROMANCE AND ENGLISH: SYNCHRONY AND DIACHRONY KW: perfect; aspect; romance languages; old english; grammaticalization IssD: 2006-04-28 Pub: Publisher:

ABS: At first glance, the development of the Romance and Germanic have-perfects would seem to be well understood. The surface form of the source syntagma is uncontroversial and there is an abundant, inveterate literature that analyzes the emergence of have as an auxiliary. The "endpoints" of the development may Collection: Theses and Dissertations (CLOSED)

File: finaldiss.pdf Desc: Description: dissertation part 1 Size: 790714

URI: <http://hdl.handle.net/1813/2929> Visits: 188

AU: Dolan, Emily TI: The Idea of Timbre in the Age of Haydn KW: timbre; instrumental music; aesthetics IssD: 2006-06-26 Pub: Publisher:

ABS: At the end of the 18th century, instrumental music, formerly subordinate to vocal music and shackled to the doctrine of imitation, dramatically emerged as a new and powerful form or art, capable of expression. Many scholars today turn to developments in aesthetic philosophy--the birth of German Idealism, "absolute music," or Kantian formalism-- to explain the changing perception of instrumental music. Such

explanations, though they illuminate important aspects of contemporary philosophy, ultimately blind us to fascinating developments in musical practice. This dissertation locates the heart of this transformation not in philosophical aesthetics, but in the musical medium itself, specifically focusing on the birth of the concept of timbre a Collection: Theses and Dissertations (CLOSED)

File: Dissertation Front Matter.pdf Desc: Description: Dissertation Front Matter (preface, etc.) Size: 59616

URI: <http://hdl.handle.net/1813/3227> Visits: 79

AU: Dopman, Erik TI: The genetics of speciation and the origin of genomic divergence KW: speciation; introgression; divergence; genetic linkage map; genealogy; European corn borer IssD: 2005-06-21 Pub: Publisher:

ABS: Speciation involves the origin of trait differences that limit or prevent gene exchange and ultimately results in daughter populations that form monophyletic or exclusive genetic groups. However, for recently diverged populations or species, between which reproductive isolation is often incomplete, gene genealogies will be discordant and most regions of the genome will display nonexclusive genealogical patterns. In these situations, genome regions for which one or both species are exclusive groups may mark the footprint of recent selective sweeps. Alternatively, such regions may include or be closely linked to ?speciation genes,? genes involved in reproductive isolation. Therefore, comparisons of gene genealogies allow inferences about the genetic architectures of both reproductive isolation and adaptation. Contrasting genealogical relationships in sexually isolated Z and E pheromone strains of the European corn borer mo Collection: Theses and Dissertations (CLOSED)

File: dissertation_template.pdf Desc: Description: Size: 2287002

URI: <http://hdl.handle.net/1813/1501> Visits: 630

AU: Du, Phong TI: Block copolymer derived mesoporous thin films: processing, characterization, and applications KW: block copolymer, thin films, sol-gel, nanocomposite, organic-inorganic hybrid, laser annealing IssD: 2006-05-05 Pub: Publisher:

ABS: The development of diblock copolym Collection: Theses and Dissertations (CLOSED)

File: dissertation.pdf Desc: Description: Size: 19667521

URI: <http://hdl.handle.net/1813/2979> Visits: 139

AU: Dunne, Lucy TI: The Design of Wearable Technology: Addressing the Human-Device Interface Through Functional Apparel Design KW: Wearable Technology; Functional Apparel; apparel design; wearable computing; HCI; user interface IssD: 2004-07-14 Pub: Publisher:

ABS: Wearable technology, as a new application environment for electronic and computing devices of all kinds, presents many new challenges to designers. The fields of human-computer interaction and functional wearability must each address new problems in the design of wearable technology. Wearable technology also introduces new social concerns, as it can mediate the ways in which an individual is perceived by others, interacts Collection: Theses and Dissertations (CLOSED)

File: Lucy E Dunne-Masters Thesis.pdf Desc: Description: Size: 3781220

URI: <http://hdl.handle.net/1813/150> Visits: 768

AU: Duval Hernandez, Robert TI: Dynamics of Labor Market Earnings and Sector of Employment in Urban Mexico, 1987-2002. KW: Earnings Mobility; Segmentation; Development Economics; Mexico; Labor Economics IssD: 2005-12-23 Pub: Publisher: ABS: This dissertation studies labor earnings mobility in the short-run and the structure Collection: Theses and Dissertations (CLOSED)
File: PhD Thesis Robert Duval.pdf Desc: Description: Size: 1128040
URI: <http://hdl.handle.net/1813/2590> Visits: 497

AU: Ericksen, Gerald TI: Workforce Alignment, Human Resource Scalability, and Small Business Sales Growth KW: Human Resource Management; Flexibility; Alignment; Small Business; Sales Growth IssD: 2006-01-04 Pub: Publisher: ABS: This study contributes to the field of strategic human resource management by providing initial insights into the extent to which, and the conditions under which, workforce alignment leads to higher levels of firm performance. Using data collected from the CEOs of 196 small businesses, I develop a measure of workforce alignment and demonstrate that workforce alignment mediates the relationship between high-performance work system use and sales growth. I also show that firms that achieve workforce alignment through either internal scalability or external scalability (but not both) are more likely to obtain high sales growth than firms that achieve workforce alignment through HR stability. Finally, I reveal other circumstances such as involuntary turnover, contract worker use, and market volatility that moderate the relationship between workforce alignment and sales growth in expected and surprising ways. Collection: Theses and Dissertations (CLOSED)
File: Ericksen.Dissertation.pdf Desc: Description: Size: 1515232
URI: <http://hdl.handle.net/1813/2599> Visits: 397

AU: Fang, Austin TI: Porous Silicon as a Proton Exchange Membrane for Direct Methanol Fuel Cells KW: DMFC; Fuel Cells; Porous Silicon; PEM; P-Si; membrane; Direct Methanol IssD: 2005-08-01 Pub: Publisher: ABS: Direct Methanol Fuel Cells (DMFCs) show the most potential in efficient chemical to electrical energy conversion having approximately half the specific energy compared to gasoline at 5.54 kW-hr/kg (19.9 MJ/kg). With a density of 0.792 kg/L, methanol's energy density is 4.39 kW-hr/L. By designing a system to utilize methanol, the advantages from quick refills and the elimination of recharge times offer great motivation for further analysis on this topic. Furthermore, methanol is a relatively low cost alcohol/fuel with popular applications such as automobile windshield wiper and aircraft de-icing fluids. One major source of inefficiency within the DMFC is the electrolyte allowing fuel to cross over from the anode to cathode. Proprietary DuPont Nafion 117 has been the standard thus far for all meso-scale direct methanol power conversion systems and its shortcomings are primarily in the areas of slow anodic reaction rates and fuel crossover result Collection: Theses and Dissertations (CLOSED)
File: Fang Masters Thesis - Final Version 7-31-05.pdf Desc: Description: Size: 2046862
URI: <http://hdl.handle.net/1813/2114> Visits: 751

AU: Festa, Paul E. TI: Manly Vice and Virtue: State Specters, Secular Rituals, and Public Culture in Taiwan KW: Taiwan; public culture; gender/sexuality; secular rituals; nation-state; cultural intimacy; masculinity IssD: 2005-08-01 Pub: Publisher: ABS: This dissertation is an ethnographic study of male sociality and public culture in Taiwan. I examine the poetics and politics of disreputable social activities in which

cohorts of male friends engage regularly and extensively, including hunting, drinking, and gambling. My analytical point of departure is the concept of "cultural intimacy," which recognizes how shadowy public practices whose social efficacy derives from contravening official norms actually constitute the state as well as national and other identities. This approach departs from the orthodoxy of Taiwan (and China) studies by locating the political basis of society in the public realm rather than in the family and work. This study addresses three overarching questions: What are the micropolitics of disreputable social activities through which men negotiate status and identity and construct homosocial bonds of intimacy? How are mainstream gender values and norms perpetuated and reworked through these activities, and how do subversive forms become incorporated into everyday social repertoires? In what ways do these activities instantiate, resist, Collection: Theses and Dissertations (CLOSED)

File: Diss-MainText.pdf Desc: Description: Main Text, including Footnotes and Bibliography Size: 1622129

URI: <http://hdl.handle.net/1813/2112> Visits: 676

AU: Flinn, Kathryn McQuilkin TI: Influences of past agriculture and present environment on plant distributions: Population ecology of three fern species in central New York KW: *Dryopteris carthusiana*; *Dryopteris intermedia*; *Polystichum acrostichoides*; disturbance; succession; land-use history IssD: 2006-05-02 Pub: Publisher:

ABS: The development of forests on abandoned agricultural lands provides an ideal context to examine the relative roles of disturbance history and environmental conditions in shaping plant communities. Herbaceous plants typical of uncleared forests may remain absent from forests regrowing after agriculture, either because dispersal limits their distributions, or because lasting environmental changes limit their ability to establish and persist. Here I investigate how these processes affect plant distributions across the post-agricultural landscape Collection: Theses and Dissertations (CLOSED)

File: Text.pdf Desc: Description: Size: 615650

URI: <http://hdl.handle.net/1813/2935> Visits: 208

AU: Foley, Jennifer TI: "DISCOVERING" CAMBODIA: VIEWS OF ANGKOR IN FRENCH COLONIAL CAMBODIA (1863-1954) KW: Cambodia; Angkor; French colonial; art history IssD: 2006-01-04 Pub: Publisher:

ABS: This dissertation is an examination of descriptions, writings, and photographic and architectural reproductions of Angkor in Europe and the United States during Cambodia's colonial period, which began in 1863 and lasted until 1953. Using the work of Mary Louise Pratt on colonial era narratives and Mieke Bal on the construction of narratives in museum exhibitions, this examination focuses on the narrative that came to represent Cambodia in Europe and the United States, and is conducted with an eye on what these works expose about Collection: Theses and Dissertations (CLOSED)

File: chapter 1 Introduction Final.pdf Desc: Description: Chapter One Size: 149711

URI: <http://hdl.handle.net/1813/2601> Visits: 395

AU: Frangipani Almeida, Marialuci TI: Modeling Infrared and Combination Infrared-Microwave Heating of Foods in an Oven KW: infrared heating of foods, halogen heating of foods, combination heating of foods, combination oven, halogen oven, infrared oven, optical properties, infrared and microwave oven, infrared and

microwave heating of foods, near-infrared heating of foods, moisture dependent optical properties IssD: 2004-11-01 Pub: Publisher:

ABS: A quantitative, model-based un Collection: Theses and Dissertations (CLOSED)

File: almeida_ch0LA1.pdf Desc: Description: Size: 1994760

URI: <http://hdl.handle.net/1813/198> Visits: 832

AU: Fredrickson, Daniel TI: The Nowotny Chimney Ladder Phases: the role of electron counts and interfaces in the stability of intermetallic compounds KW: intermetallic phases; twinning laws; electronic structure calculations; electron counting rules IssD: 2005-08-05 Pub: Publisher:

ABS: This thesis consists of three investigations into the electronic structure of solid state materials. In each case a semi-empirical method, extended Hueckel (eH) or μ_2 -Hueckel (μ_2) is used for qualitative insight, with LDA-DFT bei Collection: Theses and Dissertations (CLOSED)

File: thesis.pdf Desc: Description: Size: 13911951

URI: <http://hdl.handle.net/1813/2132> Visits: 612

AU: Freeman, Allison Tucker TI: LEGISLATING ACCESS AND REDRESSING INEQUALITY? THE COMMUNITY REINVESTMENT ACT AND MORTGAGE LENDING IN POST-APARTHEID SOUTH AFRICA KW: South Africa; Community Reinvestment Act; CRA; mortgage lending; affordable housing; housing finance IssD: 2005-12-15 Pub: Publisher:

ABS: South Africa's brutal apartheid system came to an official end in 1994, when the African National Congress (ANC) won the majority of seats in the country's first democratic elections. Since that time, the ANC-led government has struggled with the challenge of redressing the inequitable access to resources and opportunity resulting from South Africa's history. Community reinvestment legislation is one tool in this effort, and the dissertation considers the following question: is a Community Reinvestment Act (CRA) an effective means through which to redress unequal access to housing finance, and thereby unequ Collection: Theses and Dissertations (CLOSED)

File: FreemanDissertation.pdf Desc: Description: Size: 881937

URI: <http://hdl.handle.net/1813/2552> Visits: 420

AU: Fried, David TI: The Design, Fabrication and Characterization of Independent-Gate FinFETs KW: FinFET; Independent-Gate; Threshold Voltage Control; Double-Gate; Fabrication IssD: 2004-04-29 Pub: Publisher:

ABS: The Independent-Gate FinFET is introduced as a novel device structure that combines several innovative aspects of the FinFET and planar double-gate FETs. The IG-FinFET addresses the concerns of scaled CMOS at extremely short channel lengths, by offering the superior short channel control of the double-gate architecture. The IG-FinFET allows for the unique behavioral characteristics of an independent-gate, four-terminal FET. This capability has been demonstrated in planar double-gate architectures, but is intrinsically prohibited by nominal FinFET integration schemes. Finally, the IG-FinFET allows for conventional CMOS manufacturing techniques to be used by leveraging many of the FinFET integration concepts. By introducing relatively few deviations from a standard FinFET fabrication process, the IG-FinFET integration offers the capability of combining three-terminal FinFET devices with four-terminal IG-FinFET devices in one powerful technology fo Collection: Theses and Dissertations (CLOSED)

File: Fried_Thesis_040428.pdf Desc: Description: Size: 3234806
URI: <http://hdl.handle.net/1813/100> Visits: 718

AU: Gardiner, Steven Lester TI: MASCULINITY, WAR, AND REFUSAL: VICISSITUDES OF GERMAN MANHOOD BEFORE AND AFTER THE COLD WAR
KW: Germany; Masculinity; War; Conscientious Objection; Bundeswehr; Evolution
IssD: 2004-02-09 Pub: Publisher:
ABS: Collection: Theses and Dissertations (CLOSED)
File: gardinerdiss.pdf Desc: Description: Size: 1808258
URI: <http://hdl.handle.net/1813/87> Visits: 886

AU: Ghassem-Fachandi, Parvis TI: Sacrifice, Ahimsa, and Vegetarianism: Pogrom at the Deep End of Non-Violence
KW: sacrifice, disgust, body, experience, food, identification, Muslim, minority, Hinduism, Gandhi, ahimsa, vegetarianism, Gujarat, non-violence, riots, violence, India, communalism, Hindutva, religion, nationalism, Ahmedabad, pogrom
IssD: 2005-12-21 Pub: Publisher:
ABS: This dissertation explores the relation of ahimsa (non-violence) and vegetarianism to sacrificial logic in post-independence Ahmedabad. It follows the transformation of ahimsa--from a protection of the sacrificer against the revenge of the animal victim; to a doctrine of renunciation, self-reform, and prohibition of animal sacrifice; to Gandhi's famous tool for nonviolent resistance to colonial domination; and finally, to the ritualization of violence itself in the or
Collection: Theses and Dissertations (CLOSED)
File: PGF.VolumeOne.pdf Desc: Description: Dissertation, Volume 1 Size: 2374127
URI: <http://hdl.handle.net/1813/2555> Visits: 459

AU: Ghosh, Soumyadip TI: Dependence in Stochastic Simulation Models
KW: simulation; random variate generation; random vector sampling; Input Modeling; NORTA
IssD: 2004-04-23 Pub: Publisher:
ABS: There is a growi
Collection: Theses and Dissertations (CLOSED)
File: Soumyadip_Ghosh.pdf Desc: Description: Size: 609633
URI: <http://hdl.handle.net/1813/99> Visits: 739

AU: Giridhar, Jothiprasad TI: A Framework for Large Eddy Simulation of incompressible flows with error control
KW: turbulence; Large Eddy Simulation; LES; modeling; error-control; mixing layer; isotropic
IssD: 2005-07-27 Pub: Publisher:
ABS: This work developed tools to make Large Eddy Simulation (Collection: Theses and Dissertations (CLOSED)
File: phd_thesis_fin.pdf Desc: Description: Size: 2393159
URI: <http://hdl.handle.net/1813/2110> Visits: 491

AU: Goblet, Nancy TI: Moving Historic Buildings: One Means of Preservation
KW: moving; preservation; historic
IssD: 2006-05-04 Pub: Publisher:
ABS: One means by which to preserve a historic building is to relocate it to a new site. There are costs and risks (both financial and material) inherent in such an undertaking. It is likely to be an expensive project. There is a chance that the fabric of the building will be damaged, and the context in which the structure existed historically will change. Careful planning will be necessary in order facilitate transport, and appropriate preparations will be required at both the old and new locations. Clearly, the decision to move a building is one which should not be made haphazardly. Despite the fact that

preservationists generally eschew the practice, however, moving a building may in fact be an effective way to preserve a threatened structure. Relocation may enhance or even spare a valuable historic resource, thus extending its util
Collection: Theses and Dissertations (CLOSED)

File: preliminary pages roman 3.doc Desc: Description: preliminary pages roman numeral Size: 46080

URI: <http://hdl.handle.net/1813/2951> Visits: 202

AU: Gokirmak, Ali TI: Ultra Narrow Silicon FETs Integrated With Microfluidic System for Serial Sequencing of Biomolecules Based on Local Charge Sensing KW: Silicon; MOSFET; narrow; DNA; charge; sensing; scaling; FLASH; memory; confinement; STI; isolation; nitride; side-gate; capacitance; C-V; aF; fF; atto; femto; nano; fluidic; microfluidic; protein; RNA; CMOS; FET; short; DIBL; MOS; sequencing; sequence IssD: 2005-11-22 Pub: Publisher:

ABS: Ultra-narrow channel silicon field effect transistors (FET) with suspended gates, integrated with on-chip micro-fluidic delivery system are demonstrated. These devices are designed to be used for serial sequencing of DNA, RNA and proteins, by detecting the local charge variations along these molecules as they are passed between the gate
Collection: Theses and Dissertations (CLOSED)

File: Gokirmak_Thesis_all.11.pdf Desc: Description: Size: 4873298

URI: <http://hdl.handle.net/1813/2503> Visits: 516

AU: Golovachkina, Natalia TI: Performance Analysis of Contract for Options KW: contract for options; supply chain coordination IssD: 2004-09-23 Pub: Publisher:

ABS: In this dissertation
Collection: Theses and Dissertations (CLOSED)

File: Dissert1.pdf Desc: Description: Size: 412983

URI: <http://hdl.handle.net/1813/194> Visits: 739

AU: Goorha, Saurabh TI: An experimental study analysing effect of communication medium and motivation on deception detection in interpersonal dyadic interactions KW: Lie, Deception, Deception detection; Interpersonal communication, Dyads, Dyadic interactions; Communication, Computer mediated communication, Text based communication; Motivation, Cues, Non verbal cues, Verbal cues, IssD: 2004-07-28 Pub: Publisher:

ABS: This thesis reports an experimental study that examines the role of communication medium and liar motivation on deception detection. Participants were randomly assigned to one of two dyadic communication conditions, text-based instant messaging or face-to-face, and to one of two motivation conditions, high or low. Participants engaged in a discussion of four topics, in which one participant was deceptive during two topics and truthful during the other two. No main effect of communication medium or motivation level was observed. However, an interaction effect suggests that highly motivated liars interacting in an instant-messaging medium were the most successful in deceiving their partners. The implications of these results are discussed both in terms of the elimination of nonverbal cues and the potential advantages offered by text-based communication settings to the motivated liar. Collection: Theses and Dissertations (CLOSED)

File: Saurabh Goorha_Final Thesis_July 27th.pdf Desc: Description: Size: 323352

URI: <http://hdl.handle.net/1813/161> Visits: 800

AU: Graninger, Charles Denver TI: The Regional Cults of Thessaly KW: Greek Religion; Thessaly History Inscriptions IssD: 2005-12-29 Pub: Publisher:

ABS: Regionalism was a defining feature of Greek society in all periods of antiquity. The implications of this regionalism for the history of religion are crucial: No two areas of the Greek world worshipped the same pantheon of gods in the same way. Regional variation was the norm. This dissertation focuses on Thessaly, a large frontier area of mainland Greece which has yet to receive systematic attention in the field of history of religion, and analyzes its regional cults. By regional cult, I mean those cults which are attested in more than one place in Thessaly but do not have Collection: Theses and Dissertations (CLOSED)

File: TITLE PAGE.pdf Desc: Description: TITLE PAGE Size: 9131

URI: <http://hdl.handle.net/1813/2595> Visits: 458

AU: Greenberg, Noam TI: The role of true finiteness in the admissible recursively enumerable degrees KW: Admissible Recursion Theory; Recursively Enumerable Degrees; Finite IssD: 2004-07-16 Pub: Publisher:

ABS: When attempting to generalize recursion theory to admissible ordinals, it may seem as if all classical priority constructions can be lifted to any admissible ordinal satisfying a sufficiently strong fragment of the replacement scheme. We show, however, that this is not always Collection: Theses and Dissertations (CLOSED)

File: my thesis.pdf Desc: Description: Size: 710115

URI: <http://hdl.handle.net/1813/154> Visits: 581

AU: Grevstad-Nordbrock, Theodore TI: THE AMERICAN COMMISSION FOR THE PROTECTION AND SALVAGE OF ARTISTIC AND HISTORIC MONUMENTS IN WAR AREAS: HISTORIC PRESERVATION IN EUROPE DURING WORLD WAR II KW: historic preservation; art treasures in war; World War, 1939-1945 -- Destruction and pillage; Monuments -- Preservation; American Commission for the Protection and Salvage of Artistic and Historic Monuments in War Areas; Monuments, Fine Arts and Archives IssD: 2005-08-02 Pub: Publisher:

ABS: The subject of this thesis is historic preservation during times of armed conflict. Specifically, my purpose here is to evaluate a single effort in a discrete moment in time at a specific place: the American efforts during World War II to protect the historic buildings of Europe. To do so, the work of two civilian agencies is examined: the monuments subcommittees of American Defense-Harvard Group and the American Council of Learned Societies. Both groups were charged with sifting through the vast body of information on Europe's cultural patrimony and rendering it usable by the Allied governments. These groups sent the information they gathered on to the American Commission for the Protection and Salvage of Artistic and Historic Monuments in War Areas, a Federal clearinghouse that, in turn, compiled the information and disseminated it to its military components serving in the various theaters of war. The final recipients of this information were the famed Monuments, Fine Arts and Archives soldiers of the United States Army. On their shoulders fell the responsibility of protecting the sweeping cultural heritage of Europe from destruction. Failing this lofty goal, they were charged with stabilizing damage to monuments where possible and recording Collection: Theses and Dissertations (CLOSED)

File: Grevstad-abstractRev.pdf Desc: Description: thesis abstract Size: 12011

URI: <http://hdl.handle.net/1813/2117> Visits: 622

AU: Griggs, Carol Bliss TI: A Tale of Two: Reconstructing Climate from Tree-Rings of the North Aegean, AD 1089-1989, and Pleistocene to Present: Dendrochronology in Upstate New York KW: dendrochronology, dendroclimatology, May-June precipitation reconstruction, North Aegean, Near East, New York State, Late Pleistocene, radiocarbon dating, Older Dryas IssD: 2006-01-20 Pub: Publisher:

ABS: A TALE OF TWO: RECONSTRUCTING CLIMATE FROM TREE-RINGS OF THE NORTH AEGEAN, AD 1089-1989, AND LATE PLEISTO Collection: Theses and Dissertations (CLOSED)

File: Dissertation Rev.pdf Desc: Description: Size: 5098374

URI: <http://hdl.handle.net/1813/2624> Visits: 470

AU: Guo, Xiaoli TI: GENDER INEQUALITY ACROSS SECTORS IN URBAN CHINA KW: gender inequality; China IssD: 2006-05-01 Pub: Publisher:

ABS: In the debate about the stratification order during social transitions in former socialist countries, little research is done about changes in gender inequality in these countries. In this paper, I examine the differences in gender inequality between the public and private economic sectors in China, and the distinct mechanisms of change for the gender stratification order in the workplace. Data analysis shows that there is a dramatic difference. There is a very small or zero gender inequality in the public sector in coastal Chinese cities, where the market economy has developed faster than in other regions of China. However, gender inequality is significant in the private sector in all the cities in the data set with or without controlling for human capital, family status, and political capital. Close examination of the institutions before the social transition shows that there is a powerful institutional system that tries to minimize gender differences in employment. During the market transition, this system continues to exist in the public sector; while in the newly emerging private sector, these institutions do not appear. Gender stratification has different mechanisms of change during social transitions than the stratifications based on social capital, political capital, and human capital. Women do not have the resources bonded with gender in the newly emerging market economy that would allow them to maintain their positions in the gender stratification order. Without the support of institutions, the gender stratification order exhibits a discontinuity in the private sector. Collection: Theses and Dissertations (CLOSED)

File: Xiaoli Guo Thesis.pdf Desc: Description: Size: 165149

URI: <http://hdl.handle.net/1813/2931> Visits: 259

AU: Gur, Nurit TI: A COGNITIVE PRIMING APPROACH TO THE STUDY OF ADULT ATTACHMENT KW: attachment; priming; adult; normative IssD: 2006-03-07 Pub: Publisher:

ABS: In recent years, no single area of research in personality/social psychology has attracted more interest than the application of attachment theory to the study of adult romantic relationships. This research has focused almost exclusively on individual differences. To date the field lacks a set of objective standards for determining whether participants in attachment research are, in fact, attached. The current study explores the validity of a self-report measure of attachment (i.e., the WHOTO). This self-report measure identifies the figures toward whom individuals direct the four behaviors that define attachment (i.e., proximity maintenance, safe haven, separation distress and secure base). Using a lexical decision task, I recorded the relative speed with which participants recognize the names of reported significant people following a

subliminally-presented threat or neutral word prime. I hypothesized that participants who direct all four attachment behaviors toward one figure will react faster to the significant person's name after a threat word prime compared with a neutral one. A total of 127 participants took part in Study 1, in which the prime was an attachment-related threat (i.e., the word "separation"), and 69 participants took part in Study 2, in which the prime was an attachment-unrelated threat (i.e., participant's idiosyncratic fear). I found that participants who direct all attachment behaviors toward the significant person were faster to recognize the figure's name after a threatening word compared with a neutral one, whereas the opposite was true for participants who do not direct all attachment behaviors toward the significant person. These results contribute to further validation of the WHOTO as a measure of normative attachment that can be used to distinguish between relationships that have some attachment components and relationships that qualify as full-blown attachments. In addition, participants who direct all attachment behaviors toward their romantic partner reacted faster to his/her name after a threatening word compared with a neutral one only if they were cohabiting. This finding highlights the importance of physical proximity in adult romantic attachment. Collection: Theses and Dissertations (CLOSED)

File: Final thesis 3 March 2006.pdf Desc: Description: Size: 274245

URI: <http://hdl.handle.net/1813/2671> Visits: 543

AU: Hahn, Kandalyne L. TI: The Successful Preservation of Rock and Roll Music Sites: Paul McCartney's Childhood Home in Liverpool, England and the Chess Records Office and Studio in Chicago, Illinois KW: historic preservation; rock and roll music sites; Paul McCartney; Chess Records; Beatles sites; blues sites; 20 Forthlin Road; 2120 South Michigan; National Trust; Chicago Landmarks Commission; popular music; 20th century landmarks; McCartney home; Blues Heaven Foundation; Liverpool; Chicago; Liverpool preservation; Chicago preservation; Tim Samuelson; Willie Dixon IssD: 2005-01-05 Pub: Publisher:

ABS: Groundbreaking preservation efforts for two highly significant rock and roll music sites are examined: Paul McCartney's childhood home in Liverpool, England, under the protection of the National Trust, and the former Chess Records office and studio in Chicago. Collection: Theses and Dissertations (CLOSED)

File: Post Defense Version with Corrections 3.pdf Desc: Description: Size: 11006263

URI: <http://hdl.handle.net/1813/242> Visits: 13

AU: Han, Sung Hun TI: REPORT ON CRITICAL DIMENSIONS AND PROBLEMS OF THE NORTH KOREAN FOOD SITUATION KW: North Korea; Food problem; Famine IssD: 2005-02-22 Pub: Publisher:

ABS: This paper suggests one possibility for the elimination of poverty in North Korea. Despite its efforts to increase food production, North Korea has been suffering a serious food shortage problem. Under the current political and economic system, it is very unlikely that North Korea by itself can supply adequate food to its people. A viable way to solve the chronic food shortage is to change government policies regarding the kind of crops farmers raise. Instead of pushing for increased grain production, the government needs to encourage farmers to raise non-grain crops, which can be exported to South Korea or Japan. Since prices in the South are much higher than those in North Korea, exporting non-grain crops and importing grains would be more profitable to the North Korean government than producing more grains in the current system. In order for such a change to be successful, the North Korean government must

try to reduce transportation costs and facilitate construction and utilization of railroads and roads between North and South. Collection: Theses and Dissertations (CLOSED)

File: text.pdf Desc: Description: Main article Size: 486039

URI: <http://hdl.handle.net/1813/370> Visits: 787

AU: Hannon, Erin E TI: Infants' Perception of Musical Rhythm and Meter: Early Abilities and Developmental Change KW: Perception; Development; audition; music IssD: 2005-08-02 Pub: Publisher:

ABS: Perception of the temporal structure, or 'meter', of music enables a range of socially and culturally significant musical behaviors such as synchronized dancing and singing. This dissertation combines developmental and cross-cultural comparisons to examine the perception of musical meter and its development during infancy. The first chapter reports that 7-month-old infants can categorize simple rhythms according to a common underlying meter. Infants also detect contingencies between positions in the meter and individual pitches, an ability that may bootstrap acquisition of knowledge about musical pitch structure. Chapter II shows that Western adults' knowledge of Western meter interferes with their ability to detect rhythmic disruptions in a foreign, Balkan meter. By contrast, adults exposed to both Western and Balkan music throughout childhood perform accurately in either context. Six-month-old infants, who have had relatively limited exposure to music, can detect metrical disruptions in either Western or Balkan contexts, which seems to indicate culture-general perception of meter. Chapter III reports a decline in 12-month-olds' performance only in the foreign musical context, which is consistent with the emergence of culture-specific metrical biases by this age. After 12-month-old infants and adults receive one or two weeks of brief, daily exposure to foreign music, infants can detect the rhythmic disruptions in foreign metrical contexts, but adults cannot. Overall, the findings document early sensitivity to culture-general aspects of metrical structure but rapid developmental change in response to culture-specific musical experiences. Collection: Theses and Dissertations (CLOSED)

File: EEH_chapters.pdf Desc: Description: Body and references Size: 805442

URI: <http://hdl.handle.net/1813/2116> Visits: 571

AU: Harbold, Jeffrey TI: THE ELECTRONIC AND OPTICAL PROPERTIES OF COLLOIDAL LEAD-SELENIDE SEMICONDUCTOR NANOCRYSTALS KW: quantum dots; nanocrystals; PbSe; lead selenide; semiconductors IssD: 2004-12-10 Pub: Publisher: ABS: Quantum dots of the IV-VI semiconductors, and specifically lead selenide, strongly confine both electrons and holes, leading to a dramatic modification of the bulk semiconductor properties. This dissertation is devoted to the study of the electronic and optical properties of colloidal lead-selenide nanocrystals or quantum dots. We begin by discussing the synthesis and characterization of high-quality colloidal lead-selenide nanocrystals with a narrow size distribution and well-passivated surfaces. With diameters between 3 and 8 nanometers, these lead-selenide quantum dots exhibit size-quantized transitions in the infrared region of the electromagnetic spectrum and exhibit bright band-edge photoluminescence tunable from approximately 1000 to 2000 nanometers. These properties are extremely promising for applications. The current theoretical understanding of the electronic states of IV-VI semiconductor quantum dots is based on envelope function approaches and tight-binding methods. While successful in explaining many features of the electronic structure, all current calculations fail to explain the presence of additional peaks in the optical absorption spectrum of lead-

selenide and lead-sulfide quantum dots. We re-examine the leading explanations for these unexplained transitions and also consider a new possibility, that of enhanced electric quadrupole transitions. In addition, the degeneracy of the lowest optical transition in IV-VI quantum dots is predicted to split by the intervalley coupling of the 4 equivalent L-valleys in the first Brillouin zone. Low-temperature photoluminescence and size-selective photoluminescence experiments reveal, for the first time, a splitting in the emission spectra of lead-selenide and lead-sulfide nanocrystals. These observations are consistent with a theoretical treatment of the splitting of the lowest transition in lead-selenide quantum dots due to intervalley coupling. The dynamics of electrons and holes are crucially influenced by quantum confinement. In the strong confinement limit, a dramatic reduction in the excited state (or intraband) relaxation rate of carriers is predicted to occur. With its sparse electronic states and simple energy spectra, lead-selenide quantum dots represent an ideal material system in which to study the intraband carrier relaxation. We present the first measurements to directly time-resolve the intraband relaxation of electrons and holes in lead-selenide nanocrystals. Prior theories cannot explain the observed picosecond time-scale intraband relaxation and we discuss several possible explanations. Collection: Theses and Dissertations (CLOSED)

File: dissertation.pdf Desc: Description: Size: 2425709

URI: <http://hdl.handle.net/1813/222> Visits: 722

AU: Hay, Jordan O. TI: Growth, Architecture, Cell Separation, Electrophysiology and Sucrose Transport of Ripening Rice Caryopses KW: adhesion; aleurone; anatomy; architecture; assimilate; asynchronous; branch; carbon; caryopsis; cell; coat; cotransport; cross cells; cuticle; development; dissection; electrophysiology; embryonic; emergence; endosperm; flowering; fresh weight; grain; grain filling; greenhouse; growth; heading; integument; interface; leaf; maceration; maternal; Matlab; membrane; morphology; nucellar epidermis; nucellus; *Oryza sativa*; OsSUT1; panicle; partitioning; pericarp; plant physiology; plasmolysis; potential; protoplast; rice; ripening; seed; silicone oil; spikelet; starch; subaleurone; sucrose; sugar; tiller; transport; transporter; tube cells; uptake; viability IssD: 2005-05-03 Pub: Publisher:

ABS: Rice (*Oryza sativa* L.) life cycle and yield depend on the partitioning of assimilated carbon to ripening caryopses. Structural and functional aspects of this important process were investigated. First, spatiotemporal dynamics of ripening were assessed. Panicle fresh weight accumulation was maximum after three weeks and had a maximum rate after twelve days. Panicle architecture and ripening asynchrony were reduced to the form of an annotated panicle array. This format permitted a quantitative, computational approach to panicle consensus generation, data analysis and graphical display. Next, the separability of caryopsis tissues was assessed. The caryopsis coat was mechanically isolated from most of the embryonic tissues and facially separated into outer and inner coats from within the tube cell layer. Pectolyase Y-23 compromised adhesion between the maternal nucellus and embryonic aleurone and between endosperm cells. Viable protoplasts were prepared from approximately 10% of the isolated endosperm cells. Low protoplast yield was correlated with low viability of the isolated cells. Third, the mechanism of sucrose uptake by the aleurone was studied. The sucrose concentration-dependence of uptake rate had a nonsaturable component and a relatively small saturable component. Finally, electrophysiology of the caryopsis coat was assessed. Membrane potentials of the aleurone and nucellus were approximately -60 mV and -80 mV, respectively, and invariable over a range of bath conditions. Sucrose negligibly depolarized the aleurone membrane potential. Thus, it was not possible to

confirm that the saturable sucrose influx was mediated by a cotransport system. Overall, the work has increased the experimental accessibility of ripening panicles and caryopses for research on the control of carbon partitioning. Collection: Theses and Dissertations (CLOSED)

File: JOHdissertationfinaldraft050205.pdf Desc: Description: Size: 501815

URI: <http://hdl.handle.net/1813/1163> Visits: 898

AU: Hayes, Paul TI: STRATEGIC INTEGRATION, CONTRACT ADMINISTRATION, AND COMPREHENSIVE CONTRACT CAMPAIGN EFFECTIVENESS: A CASE STUDY OF THE CULINARY WORKERS UNION, HERE LOCAL 226'S 2002 COMPREHENSIVE CONTRACT CAMPAIGN KW: Collective Bargaining; Labor Negotiations; Labor Union; Contract Administration; Union Participation; Union Commitment; Organizing Model; Las Vegas; Casino; Gaming; Comprehensive Campaign; Union Revitalization; UNITE-HERE IssD: 2005-12-23 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: Paul Hayes Thesis Draft III formatted edited.pdf Desc: Description: Size: 556446

URI: <http://hdl.handle.net/1813/2594> Visits: 413

AU: Helmle, Chad S. TI: A QUANTITATIVE THERMAL IMAGING TECHNIQUE TO EXTRACT A CROSS-STREAM SURFACE VELOCITY PROFILE FROM A FLOWING BODY OF WATER KW: quantitative imaging; velocimetry; infrared; PIV; water surface; stream gaging; surface velocity; river flow IssD: 2005-05-09 Pub: Publisher:

ABS: The United States Geological Survey (USGS) is responsible for monitoring river flow rates at over 7,000 locations across the United States. This operation is expensive, inefficient, and often dangerous, as USGS personnel must deploy direct in-the-field measurement equipment to obtain the required flow data during storm events. An affordable, remote, non-contact sensor that is capable of determining river flow rates under a variety of flow environments is, therefore, highly desired by the USGS and other agencies worldwide charged with Collection: Theses and Dissertations (CLOSED)

File: Helmle_MS_Thesis_May_2005.pdf Desc: Description: Size: 4175732

URI: <http://hdl.handle.net/1813/1183> Visits: 836

AU: Hermsen, Elizabeth Jean TI: The Fossil Record of Iteaceae and Grossulariaceae in the Cretaceous and Tertiary of the United States and Canada KW: Iteaceae; Grossulariaceae; fossil; Cretaceous; Tertiary; North America; Saxifragales; Saxifragaceae IssD: 2005-06-24 Pub: Publisher:

ABS: Circumscriptions and the perceived importance of the family Saxifragaceae (Order Saxifragales) in angiosperm evolution have historically been highly mutable. It is only recently, with the advent of phylogenetic techniques employing molecular sequence data, that the content and relationships of the family appear to have stabilized. Saxifragaceae is now thought to consist of ca. 30 genera of herbaceous plants and to form a monophyletic group with the small families Grossulariaceae (*Ribes*, the currants and gooseberries), Iteaceae (*Chorstylis* and *Itea*), and Pterostemonaceae (*Pterostemon*). The earliest known member of this saxifrage clade, *Divisestylus*, occurs in Turonian-age (ca. 90 Ma) sediments of New Jersey, USA, and appears based on both comparative morphological analysis and cladistic analyses of Saxifragales with *Divisestylus* to be most closely related to Iteaceae, being nearly identical in floral morphology but lacking the characteristic diporate, psilate pollen of the modern family. In contrast, the oldest potential member of Iteaceae proper, *Iteaphyllum* from the Eocene (ca. 49 Ma) Republic

flora, Washington, USA, includes fossil leaves that co-occur with *Itea* sp. pollen in at least two localities. The worldwide fossil record of *Iteaceae* is extensive, and, while the modern family includes one eastern North American-eastern Asian disjunct taxon (*Itea*) and one taxon endemic to eastern Africa (*Choristylis*), fossils suggest that in the Tertiary *Iteaceae* also occurred in western North America from the Eocene to Miocene and Europe from the Eocene to Pliocene. In contrast, whereas *Ribes* is today distributed widely in the Northern Hemisphere and into the Andes of South America, the fossil record of *Grossulariaceae* largely consists of leaf compressions restricted to western North America. Previously published papers suggest that *Ribes* appears in the Cretaceous and is well-represented in Eocene to Pleistocene sediments. However, a reanalysis of the specimens on which this published record is based reveals that occurrences of *Ribes* leaf fossils are infrequent and restricted to the Eocene to Miocene in North America. Despite this, at least two subgeneric lineages within *Ribes* can be recognized by the mid-Miocene, *Symphocalyx* and *Cerophyllum/Caloboytra*, suggesting that they had diverged prior to that time. *Saxifragaceae* and *Pterostemonaceae* largely lack fossil records. Collection: Theses and Dissertations (CLOSED)

File: Hermsen_dissertation_final_06_23_05.pdf Desc: Description: Size: 116242568
 URI: <http://hdl.handle.net/1813/1509> Visits: 665

AU: Hernandez-Cordero, Sonia Lizeth TI: Gestational Weight Gain, Weight Retention and Risk to Develop Overweight and Obesity in Rural Guatemalan Women KW: Postpartum weight retention, gestational weight gain, patterns of gestational weight gain, overweight, breastfeeding, developing countries, Guatemala IssD: 2006-06-07 Pub: Publisher:

ABS: Data from the INCAP longitudinal study and 1996-1999 follow-up were used to explore the association of total and timing of gestational weight gain (GWG) with postpartum weight retention (PWR) and the risk of developing overweight and obesity at 6 months postpartum in rural Guatemalan women. The contribution of Collection: Theses and Dissertations (CLOSED)

File: Hernandez_Cordero_Sonia_dissertation_060606.pdf Desc: Description: Size: 1811223

URI: <http://hdl.handle.net/1813/3155> Visits: 118

AU: Hirakawa, Keigo TI: Image Processing Using Sensor Noise and Human Visual System Models KW: image processing; image denoising; demosaicing; auto white balance; chromatic adaptation; cmos sensor noise IssD: 2005-05-03 Pub: Publisher:

ABS: Because digital images are subject to noise in the device that captured them and the human visual system (HVS) that observes them, it is important to consider accurate models for noise and the HVS in the design of image processing methods. In this thesis, CMOS image sensor noise is characterized, the chromatic adaptation theories are reviewed, and new image processing algorithms t Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1800

URI: <http://hdl.handle.net/1813/1162> Visits: 915

AU: Hizi, Uzi TI: Effective Hamiltonians of the pyrochlore antiferromagnet KW: frustrated magnetism; pyrochlore; spin-waves IssD: 2006-06-22 Pub: Publisher:

ABS: The pyrochlore lattice Hei Collection: Theses and Dissertations (CLOSED)

File: pyrochlore.pdf Desc: Description: Size: 1080129
URI: <http://hdl.handle.net/1813/3218> Visits: 69

AU: Hoke, Gregory D. TI: The Influence of Climate and Tetconics on the Geomorphology of the Western Slope of the Central Andes, Peru and Chile KW: Geology; Geomorphology; Peru; Chile; Neogene; Atacama Desert IssD: 2005-10-28 Pub: Publisher:

ABS: This thesis explores the geomorphic evolution of the western Andean mountain front with respect to climate and tectonics for the area between 10°S and 33°S latitude. Much of the area I studied lies within the Atacama Dese Collection: Theses and Dissertations (CLOSED)

File: GDH_thesis.pdf Desc: Description: Size: 317189995
URI: <http://hdl.handle.net/1813/2285> Visits: 460

AU: Holstein, Alizah TI: Rome During Avignon: Myth, Memory, and Civic Identity in Fourteenth-Century Roman Politics KW: Rome; Medieval; Memory; Italy; Civic Identity; Commune IssD: 2005-09-12 Pub: Publisher:

ABS: My dissertation examines the social and political ramifications on Rome of the papacy's 1304 departure for Avignon. In this least-studied of Roman centuries, citizens weathered economic shock, loss of prestige, and a traumatic impact on their sense of political relevance. Questioning their city's identity, some turned to the communal model, while others sought to revive Roman claims to empire. Incorporating sociological, anthropological, and psychological theories of memory, my study investigates how social groups employed myth and collective memory Collection: Theses and Dissertations (CLOSED)

File: PDFdiss.pdf Desc: Description: Size: 1043307
URI: <http://hdl.handle.net/1813/2186> Visits: 623

AU: Hsieh, Andrea TI: The influence of moderate and high formula docosaheanoic acid on term baboon neonate tissue composition and clinical parameters KW: Arachidonic acid; ARA; Long-chain polyunsaturated fatty acid; LCPUFA; DHA; Non-human primate; Hematology; Clinical chemistry; Infant nutrition; Infant formula; Central nervous system; Fatty acid IssD: 2006-06-04 Pub: Publisher:

ABS: Long-chain polyunsaturated fatty acids (LCPUFA) are indispensable for normal infant growth and development. Docosaheanoic acid (DHA, 22:6n-3) and arachidonic acid (ARA, 20:4n-6) are LCPUFA that play a critical role in central nervous system development. During the brain growth spurt, rapid accumulation of LCPUFA occurs in the brain and retina. Currently, insufficient evidence exists to determine optimal levels of Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1798
URI: <http://hdl.handle.net/1813/3124> Visits: 109

AU: Hsu, Lauren TI: A STUDY OF THE FORM FACTORS IN SEMILEPTONIC NEUTRAL D-MESON DECAYS TO PION AND KAON MODES USING THE CLEO-III DETECTOR KW: Particle Physics, CLEO Detector, Charm, Semileptonic, Form Factors, Pion, Kaon IssD: 2004-05-05 Pub: Publisher:

ABS: We measure the ratio of branching fractions, $R_0 = B(D_0 \rightarrow \pi l \nu) / B(D_0 \rightarrow K l \nu)$, where l is an electron or muon. We also measure the normalized rates for $D_0 \rightarrow \pi l \nu$ and $D_0 \rightarrow K l \nu$ as a function of the momentum transfer squared (q^2).

The data were collected with the CLEO-III detector while the Cornell Electron Storage Ring (CESR) was running at or just under the $Y(4S)$ resonance. We find $R_0 = 0.082 \pm 0.006 \pm 0.005$, where the first uncertainty is statistical and the second is systematic. We fit the normalized q^2 distributions with two form factor parameterizations, the simple pole and modified pole functions. For the simple pole fits, we find effective masses, $M_{\text{poleDK}} = 1.89 \pm 0.05 \pm 0.05 \pm 0.04 \pm 0.03$ GeV and $M_{\text{poleDpi}} = 1.86 \pm 0.10 \pm 0.06 \pm 0.07 \pm 0.03$ GeV, where the first uncertainty is statistical and the second is systematic. For the modified pole fits, we find $\alpha_{\text{DK}} = 0.36 \pm 0.11 \pm 0.10 \pm 0.03 \pm 0.07$ and $\alpha_{\text{Dpi}} = 0.37 \pm 0.20 \pm 0.31 \pm 0.16 \pm 0.14$, where $(1/\sqrt{\alpha})M_D(s)$ is the effective mass of the second pole and again the first uncertainty is statistical and the second is systematic. Using the measured value of R_0 , and the modified-pole-optimized form factor shapes, we find the product of the ratio of form factor normalizations at $q^2 = 0$ and the ratio of CKM matrix elements, $|f_{\pi^+}(0)/f_{K^+}(0)|^2 |V_{cd}/V_{cs}|^2 = 0.038 \pm 0.006 \pm 0.007 \pm 0.005 \pm 0.003$ (the first uncertainty is statistical and the second is systematic). Experimental measurements of these heavy-to-light form factors are crucial to constraining the theoretical techniques used to calculate them. Improved understanding of semileptonic form factors can aid precision measurements of the CKM matrix elements, in particular exclusive semileptonic measurements of $|V_{ub}|$.

Collection: Theses and Dissertations (CLOSED)
 File: thesis.pdf Desc: Description: Size: 3035524
 URI: <http://hdl.handle.net/1813/103> Visits: 503

AU: Ikeya, Chie TI: GENDER, HISTORY AND MODERNITY: REPRESENTING WOMEN IN TWENTIETH CENTURY COLONIAL BURMA KW: gender, history, modernity, Burma, women, colonialism, nationalism, Southeast Asia, Buddhism, feminism, plural society IssD: 2005-12-06 Pub: Publisher:

ABS: This dissertation is the first social history of twentieth century colonial Burma to analyze the central role gender played in discourses of colonialism, modernity, and nationalism. It revises the dominant historiography on colonial Burma that reifies and overly emphasizes the significance of ethnicity and is principally concerned with the identification of the origins of the Burmese nationalist movement. This dissertation redresses in particular the occlusion of women and draws attention to the multiple connections between gender and both sides of the colonial struggle, colonial and anti-colonial. Through an interwoven analysis of English and Burmese sources ranging from census reports and confidential memos to missionary pamphlets, fashion advertising, and serialized fiction, my research investigates the emergence of colonial discourses concerning Burmese women and the explosion of censorious and misogynistic representations of "the modern girl" during a formative period that defined Burma's transition from a pre-modern polity to a modern nation-state. What interests motivated these discourses and representations? Why were there no parallel discourses concerning men or masculinity? I argue that modern colonial rule produced a set of conditions in which colonizing and colonized women and men in unequal relations of power co-authored essentially gendered discourses and binary representations of "East" and "West," "tradition" and "modernity," "Buddhist" and "secular," and "colony" and "nation." The socio-historical conditions I attend to include: the large influx of single male immigrants from England and British India; the establishment of secular government-funded educational institution; the formation of a new textual culture which was founded on popular print and visual media; and the centrality of "the status of women" to the colonial civilizing mission and the modernization projects of the

indigenous elite. My study examines the complex and sometimes contradictory effects these conditions had on the status of women in colonial Burma and on the emergence of a popular discourse on "Burmese women" that became a privileged idiom for articulating, interpreting, and discussing new and old social inequities. Collection: Theses and Dissertations (CLOSED)

File: CIdissertationpartone.pdf Desc: Description: dissertation part one Size: 2915954
URI: <http://hdl.handle.net/1813/2537> Visits: 529

AU: Irvine, Thomas Alexander TI: Echoes of Expression: Text, Performance, and History in Mozart's Viennese Chamber Music KW: Mozart, Wolfgang Amadeus; Performance Studies; Eighteenth Century Musical Aesthetics; Textual Criticism; Music Historiography; German Intellectual History; Historical Performance Practice; Heinse, Wilhelm; Historicism; Herder, Johann Gustav IssD: 2004-12-10 Pub: Publisher:

ABS: This dissertation begins with a source-critical problem with consequences for performance: the many differences between autographs and disseminated sources of Mozart's Viennese instrumental music. This problem serves as a foil for two lines of inquiry: the notion of performance in the late-eighteenth century and the place of performance in historical scholarship. The first chapter traces the recent history of Mozart scholarship in the context of wider debates about writing history; here, the central methodological question of the dissertation -- is there a musical way to write music history? -- is raised for the first time. The second chapter compares traditional musicological techniques of textual editing with more recent developments in the fields of "performance studies" and considers their application to the "multi-textuality" of some of Mozart's Viennese instrumental music. In the third chapter, the growing interest in the expressive qualities of human language in German aesthetic thought beginning around 1770 serves as background to an examination of shifts in thinking about the place of expression in musical performance. String quartets by Mozart and his contemporaries are explored for evidence of this change, and for the clues they might offer to their composers' opinions about fixing musical expression in text. The fourth chapter appraises two performances of Mozart's Fantasy for Clavier in c Minor K. 475, one by the composer himself and one in Wilhelm Heinse's 1795 novel Hildegard von Hohenthal. If performance is a criteria for interpretation, it is argued, then these performances yield two different meanings for K. 475. In the fifth chapter an instance of 'multi-textuality' in the String Quintet K. 593 is studied in detail. K. 593's material sources (autograph manuscript, manuscript copies, and early engraved editions) are considered in relation to documents of an early performance involving Mozart. Read together, these "echoes" of the expressive acts of performance paint a complex picture. Finally, a short epilogue draws major themes of the dissertation together and suggests that the arrival of both new theories of linguistic expression and the birth of "historicism" around the time Mozart was active as a composer is no coincidence. Collection: Theses and Dissertations (CLOSED)

File: Title Page Copyright Abstract.pdf Desc: Description: Title Page, Copyright, Abstract Size: 48852

URI: <http://hdl.handle.net/1813/221> Visits: 954

AU: Irwin, Brian TI: EVALUATING EFFECTS OF ECOLOGICAL CHANGE ON IMPORTANT SPORT FISHES IN ONEIDA LAKE, NEW YORK KW: Oneida Lake; Fisheries IssD: 2006-06-26 Pub: Publisher:

ABS: Aquatic ecosystems provide numerous resources to diverse user groups. As a result, these systems are often targets of planned management actions but are also sensitive to uncontrolled biological invasions. Oneida Lake has a rich history of ecological study across multiple trophic levels and has experienced notable perturbations to its food web during the past half-century. To evaluate large-scale ecological changes, I used multiple approaches to examine dynamics in several long-term data series. In Chapter 1, I quantified age-0 yellow perch density at four early life stages and calculated mortality and growth rates. At all stages, densities have declined over time. Mortality rates from egg to 18mm showed no time trend, increased for 18mm - 1 Aug., and decreased from 1 Aug. - 15 Oct. Depensatory mortality, prevalent in the 1960s to early 1970s, was not seen in recent years. Growth has increased, was density dependent, and was significantly correlated with increased Secchi depth. The combined effect has been a decline in abundance and an increase in individual size by the end of the first year. In Chapter 2, I combined three long-term data sets for walleye to simultaneously estimate mortality, catchability in gillnets and trawls, and density using a non-linear minimization routine. A multi-mortality model with two time periods suggested decreased fishing mortality but increased sub-adult mortality during recent years when more restrictive size limits were in place and double-crested cormorants were abundant. In Chapter 3, I used gillnet and bottom trawl catches to identify changes in fish abundance after zebra mussel colonization. Based on a priori expectations, I evaluated changes between pre- and post-zebra mussel periods and compared observed values with projections from 30-year population trajectories. Between periods, gillnet catches of Pelagic fishes declined while catches of Littoral and Benthic fishes increased. Population trajectories indicated declining percids; however, gillnet catches of smallmouth bass and pumpkinseed sunfish remained high throughout much of the zebra mussel period. Changing ecological conditions (increased water clarity, temperature, and macrophytes; altered nutrient pathways; and variable top predators) appear to favor a fish community shift away from percids and towards centrarchids. Collection: Theses and Dissertations (CLOSED)

File: Irwin_Thesis_wFormat.pdf Desc: Description: Size: 975352

URI: <http://hdl.handle.net/1813/3226> Visits: 65

AU: Issar, Sukriti TI: AMBIGUITY AND ANXIETY IN THE PROCESSING OF HEALTH RISK MESSAGES KW: ambiguity; anxiety; worry; health risk messages IssD: 2005-10-28 Pub: Publisher:

ABS: This study looks at the effects of manipulating the ambiguity of health risk messages on worry and perceived susceptibility. In view of literature that indicates robust emotion-congruent effects of anxiety on the interpretation of ambiguous information, a procedure was used to manipulate the ambiguity of health risk messages. Collection: Theses and Dissertations (CLOSED)

File: final thesis sukriti.pdf Desc: Description: Size: 154973

URI: <http://hdl.handle.net/1813/2286> Visits: 523

AU: Jackson, Brendan TI: Species of Meanings: A Study of Semantic Kinds and Semantic Structure KW: IssD: 2006-02-13 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: brendanjacksonthesis.pdf Desc: Description: Size: 403254

URI: <http://hdl.handle.net/1813/2642> Visits: 413

AU: Jackson, Stephen TI: Changing the bargain: The stability and change of centralized wage bargaining in open liberal economies KW: centralized wage bargaining; liberal economy; Australia; Ireland IssD: 2005-11-01 Pub: Publisher:

ABS: The methodology used in the dissertation is a paired comparison of Ireland (?Social Partnership? 1987-2005) and Australia (?The Accord? 1983-1996), with reference to other cases of central wage bargaining in liberal economies. The primary research question is, what explains the stability of Irish central wage bargaining in comparison to the decentralization of wage bargaining experi Collection: Theses and Dissertations (CLOSED)

File: Diss filed letter version.pdf Desc: Description: Size: 1220083

URI: <http://hdl.handle.net/1813/2289> Visits: 516

AU: Jessup, Stephen TI: An Examination of the Climatology and Environmental Characteristics of Flash Flooding for the Binghamton, New York County Warning Area KW: flash flood; antecedent soil moisture IssD: 2006-01-20 Pub: Publisher:

ABS: This study uses the publication Storm Data to compile a climatology of flash floods reported in the Binghamton, NY (BGM) County Warning Area (CWA) of the National Weather Service (NWS). This work reveals diurnal and seasonal trends in flash flood frequency across the CWA. Also evident is a spatial disparity in the number of flash flood reports in different portions of the CWA. In some cases, adjacent counties with similar topography reported a dissimilar number of flash floods. Because those counties reporting a strikingly smaller number of floods tended to be less populous than the neighboring counties reporting a larger number of events, a reporting bias may be to blame. Possible reporting biases aside, regional differences in the number flash flood reports across the CWA suggest that som Collection: Theses and Dissertations (CLOSED)

File: thesis_merged.pdf Desc: Description: Size: 2289029

URI: <http://hdl.handle.net/1813/2622> Visits: 399

AU: Ji, Mi TI: Neoliberal Developmentalism:State-led Economic Liberalization in China KW: economic liberalization; globalization; Chinese reform; foreign trade; banking; developmental state IssD: 2006-05-02 Pub: Publisher:

ABS: On the question of state-market relations, the neoclassical economic view regards a minimal state as essential for economic growth. The statist view in political economy studies, on the other hand, stresses the active role of the state in promoting economic development. Both views tend to treat "state" and "market" as opposing forces: A developmental state is associated with industrial planning and active interventionist measures to "govern the market", whereas market-conforming liberalization is usually seen as a sign of the state's retreat in the face of globalized market forces. My study of economic reforms in China, however, indicates that a state may pursue market-conformi Collection: Theses and Dissertations (CLOSED)

File: dissertationMiJiElectronic.pdf Desc: Description: Size: 1107493

URI: <http://hdl.handle.net/1813/2933> Visits: 165

AU: Jung, Hee TI: ESTIMATION PROBLEMS FOR SATELLITE ORBIT AND ATTITUDE DETERMINATION AND FOR GPS-BASED REMOTE IONOSPHERIC SENSING KW: Optimal Estimation; GPS; Orbit Determination; Attitude Determination; Extended Kalman Filter; Semi-Codeless Algorithm IssD: 2005-07-19 Pub: Publisher:

ABS: Three separate applications of estimation problems in satellite navigation and attitude determination and in ionospheric scintillation monitoring have been solved numerically. The first application is magnetometer-based autonomous orbit determination, the second application is attitude determination using a GPS antenna on a turntable, and the third application is ionospheric scintillation monitoring. Collection: Theses and Dissertations (CLOSED)

File: Chap1.pdf Desc: Description: Chap 1; Introduction Size: 20764

URI: <http://hdl.handle.net/1813/2097> Visits: 501

AU: Jyoti, Diana TI: MODIFYING EFFECTS OF PARTICIPATION IN FEDERAL CHILD NUTRITION PROGRAMS ON THE DEVELOPMENTAL CONSEQUENCES OF HOUSEHOLD FOOD INSECURITY FOR CHILDREN KW: food insecurity; child nutrition program participation IssD: 2006-01-06 Pub: Publisher:

ABS: Food insecurity remains a persistent public health problem for children in the U.S. and is thought to have consequences for child physical, social and academic development. The School Breakfast Program, the National School Lunch Program, and Supplemental Food and Nutrition Program for Women, Infants and Children (WIC) are federally funded programs intended to avert food insecurity and its consequences for children. These nutrition programs have also been associated with child physical, social and academic developmental outcomes. Further research is needed to investigate the complex relations between variables and to establish greater plausibility that associations are causal in nature. This study investigated the causal effects of household food insecurity and child nutrition program participation by using longitudinal data and statistical methods to account for potential bias. Fixed-effects modeling was utilized to minimize bias resulting from selection to participate and to take advantage of dynamic changes in household food insecurity status and program participation between kindergarten and 3rd grade. Household food insecurity, independent of household income and other child- and household-level factors, was associated with poorer social skills and reading performance development among girls, and with greater weight gain among boys. National School Lunch Program participation was associated with better mathematics and reading performance for children. The effects of National School Lunch Program participation were stronger for children with greater socioeconomic need compared to those with less socioeconomic need, suggesting that food assistance participation may impact child development by modifying the effects of stress-related hardships. Neither school breakfast participation nor school lunch participation was associated with greater weight gain. In conclusion, food insecurity may exert its detrimental effects through nutritional and non-nutritional (i.e., stress-related) mechanisms. Similarly, school nutrition programs may protect children against the effects of food insecurity through nutritional and non-nutritional mechanisms. Further research into potential mechanisms underlying these associations is warranted. Policy implications of the findings are discussed. Collection: Theses and Dissertations (CLOSED)

File: THESIS all parts together 4.pdf Desc: Description: Size: 709966

URI: <http://hdl.handle.net/1813/2603> Visits: 381

AU: Kauffman, David Scott TI: Budget Travel in South Asia: Searching for the Real KW: Budget Travel; India IssD: 2004-05-07 Pub: Publisher:

ABS: Over the past two decades extended budget travel (BT) has become a significant way for large numbers of people from the West to experience the world outside of their

national borders. Once considered a fringe activity, BT has seen its cultural and social acceptance rise and it is today attracting more people from more walks of life than ever before. Further attesting to its popularity is the wide assortment of ancillary industries and medias that nurture and support it. This thesis will examine how BT is used as a means to satisfy the desires of people in the West for a "realness" which is no longer found in their alienated, post-modern, post-industrial home societies, and how BTravelers use the markers of realness found in the BT experience to construct their own identities. I will conclude, however, that BT is itself, due to its very form and the conditions that produce it, a commodified experience that, rather than being a liberation from the alienated life, is itself an alienated form of action that reproduces and extends the same conditions that at its core it aims to transcend. Collection: Theses and Dissertations (CLOSED)

File: Final Draft 5-6-4.pdf Desc: Description: Size: 534803

URI: <http://hdl.handle.net/1813/104> Visits: 821

AU: Kazmierczak, Mark J. TI: CONTRIBUTIONS OF SIGMA-B AND PRFA TO STRESS RESPONSE AND VIRULENCE GENE EXPRESSION IN LISTERIA MONOCYTOGENES KW: Listeria; Sigma B; PrfA; alternative sigma factor IssD: 2005-08-03 Pub: Publisher:

ABS: The food borne Collection: Theses and Dissertations (CLOSED)

File: DISSERTATION.pdf Desc: Description: Size: 2019106

URI: <http://hdl.handle.net/1813/2122> Visits: 398

AU: Keegan, Mark E. TI: Biodegradable Microspheres with Enhanced Capacity for Surface Ligand Conjugation KW: Microspheres; PLGA; Surface modification; ligands IssD: 2003-06-24 Pub: Publisher:

ABS: A poly(lactic-co-glycolic acid) (PLGA) microsphere formulation was developed which incorporates carboxylic acid groups into the microsphere surface. These functional groups are suitable for coupling to a variety of ligands, and form linkages that remain stable in aqueous environments for extended periods of time. The ligand binding capacity of these microspheres compares favorably to that of comparably sized carboxylated microspheres, which are commonly used as model particles for targeted microsphere delivery studies. The morphology and drug release kinetics of this PLGA microsphere formulation are not significantly different from those of microspheres made with traditional reagents. A variety of different protein ligands can be conjugated to the surfaces of these microspheres. These microsphere-ligand conjugates were then used in model systems to evaluate the effect of conjugated ligands on microsphere behavior. Microsphere retention in agarose columns was increased by ligands on the microsphere surface specific for receptors on the agarose matrix. In another experiment, conjugating the ligand Ulex europaeus agglutinin 1 to the microsphere surface increased the adhesion of microspheres to Caco-2 monolayers compared to control microspheres. This increase in microsphere adhesion was negated by co-administration of L-fucose, indicating that the increase in adhesion is due to specific interaction of the ligand with carbohydrate receptors on the cell surface. These results demonstrate that the ligands conjugated to the microspheres maintain their receptor binding activity, and are present on the microsphere surface at a density sufficient to target the microspheres to both monolayers and three-dimensional matrices bearing complimentary receptors. These microspheres combine the capability to target specific cell types through surface-conjugated receptors with the ability to release encapsulated

drugs over extended periods of time. This combination of properties enhances the utility of biodegradable microspheres for a variety of drug delivery applications.

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File: keegandissertation.pdf Desc: Description: Size: 1747240

URI: <http://hdl.handle.net/1813/102> Visits: 779

AU: Khambaty, Lulua TI: Integrating Societal Culture and Corporate Culture through Workplace Design KW: Workplace Design; Societal Culture; Corporate Culture; Employee behavior IssD: 2005-01-04 Pub: Publisher:

ABS: This study examines the connections between societal culture, corporate culture, and workplace design, highlighting the importance of employees' societal culture to the effectiveness of design within multinational corporations (MNCs). Models of culture, behavioral theories, and research on workplace design are reviewed to explore their inter-relations. An exploratory case study using the narrative method, describing the design process of a new office facility for the Latin American division of Discovery Networks International, is presented to illustrate the salient points discussed. Findings from this study support related research conducted by such as Lincoln, Hanada, and Olson (1981); England (1983); Erez and Earley (1993); and Mendenhall, Punnell, and Ricks (1995) that the consideration of contextual societal culture is relevant in managing human resources and promoting employee satisfaction and efficiency. The considered case illuminates certain conflicts that arose when traditional corporate-culture-influenced design clashed with the societal culture of the new office's denizens. These conflicts manifested in areas involving (a) private space, (b) worker autonomy, (c) personal expression, and (d) hierarchical reinforcement. The narrative also illustrates how resolution of the issues was possible through an integrated approach that took into account aspects of both societal culture and corporate culture in the design. Collection: Theses and Dissertations (CLOSED)

File: lsk25 Main Body.pdf Desc: Description: Title page, abstract, table of contents etc. Size: 16007822

URI: <http://hdl.handle.net/1813/241> Visits: 905

AU: Killampalli, Aravind TI: Interface formation and thin film deposition for molecular and organic electronics KW: pentacene; self-assembled monolayer; TDMAT; thin film deposition; inorganic-organic interface; organic electronics; organic thin film transistors; nucleation; HMDS; supersonic molecular beam; x-ray photoelectron spectroscopy (XPS); atomic force microscopy (AFM) IssD: 2005-11-21 Pub: Publisher:

ABS: Organic materials are playing an increasing role in modern microelectronic devices-beyond their traditional role as photoresists. Emerging applications such as low- ϵ dielectrics, semiconductors and components in molecular electronics demand excellent control of the interface between organic and inorganic materials. To date, almost all work concerning the formation of inorganic-on-organic structures on pre-existing organic layers has involved elemental evaporation of metal thin films. An alternative approach has been examined via the reaction of an organo-transition metal complex, tetrakis(dimethylamido)titanium, $Ti[N(CH_3)_2]_4$, with self-assembled monolayers (SAMs) terminated by -OH, -NH₂ and -CH₃ groups, using X-ray photoelectron spectroscopy (XPS). This is the first detailed study which clearly correlates the reactivity of $Ti[N(CH_3)_2]_4$ with the functionality and density of molecules in a self-assembled monolayer. Extent of reaction, stoichiometry at the interface, ligand loss and dec Collection: Theses and Dissertations (CLOSED)

File: PhD_Thesis_v1.5_Aravind_S_Killampalli.pdf Desc: Description: Size: 4980703
URI: <http://hdl.handle.net/1813/2502> Visits: 493

AU: Kirby, Steven Daniel TI: Epitaxial Multiferroic Thin Film Heterostructure of (SrTiO₃/NiO)_n/MgO For Use as a Future Negative Index Material KW: epitaxy; thin film; multiferroic; Negative index IssD: 2006-05-19 Pub: Publisher:

ABS: Multiferroic materials are those that exhibit both magnetic polarization and electrical polarization in the same phase. A multiferroic thin film heterostructure consisting of antiferromagnetic NiO and dielectric SrTiO₃ is interesting due to the possibility of achieving a negative index of refraction in the far infrared. If the ionic resonance frequency of SrTiO₃ (Collection: Theses and Dissertations (CLOSED)

File: Kirby_Thesis.pdf Desc: Description: Main Document Size: 1004548
URI: <http://hdl.handle.net/1813/3031> Visits: 95

AU: Konkapaka, P. Phanikumar TI: Bulk GaN growth and Characterization KW: Gallium Nitride, Wide bandgap semiconductor, Bulk growth, growth rate, characterization, vapor transport IssD: 2005-07-27 Pub: Publisher:

ABS: GaN is a wide bandgap semiconductor material that is used for fabrication of laser diodes, light emitting diodes, and high power, high frequency electronic devices. Due to the absence of free standing GaN substrates, these devices are fabricated on foreign substrates such as SiC, Sapphire, LiGaO₂ or LiGaO₃. Performance of these devices is reduced due to high dislocation densities resulting from lattice mismatch and thermal expansion coefficient mismatch between the GaN and substrate. In order to improve the performance of devices, homoepitaxial device layers grown on h Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1805
URI: <http://hdl.handle.net/1813/2109> Visits: 700

AU: Kulcsar, Laszlo TI: LEGACY AND POLICY EFFECTS ON SPATIAL DEVELOPMENT IN HUNGARY AND BULGARIA KW: eastern europe; spatial development; urbanization; post-socialism; hungary; bulgaria IssD: 2005-12-15 Pub: Publisher:

ABS: This dissertation investigates the relationship between socioeconomic and spatial development in Eastern Europe from a historical perspective. I examine how global and national processes affect localities, and what their impact is on the spatial distribution of population and economic activities over time. The backdrop for this study is the historical transformation of Eastern Europe from a predominantly agricultural region to a modern industrial one, even if this modernity can be labeled as "delayed", "distorted" or "dependent" when compared to the Western experience. When investigating socioeconomic and spatial development over time, I focus on the impacts of two fundamental processes, historical legacies and development policies. Legacies and policies must be connected in order to understand their impact on patterns of socioeconomic and spatial develo Collection: Theses and Dissertations (CLOSED)

File: lk76 dissertation.pdf Desc: Description: Size: 3817273
URI: <http://hdl.handle.net/1813/2553> Visits: 415

AU: Kulkofsky, Sarah Christine TI: When it comes to faces bad information may not be so bad: The effects of post-event information on line-up identification KW: eyewitness

identification; misinformation; line-ups; facial identification; misleading information; psychology and law IssD: 2004-07-26 Pub: Publisher:

ABS: This study sought to replicate and extend what little is known about the effect of misleading post-event information (aka the misinformation effect) with regards to facial identification. One-hundred eleven undergraduate students viewed a video of a staged crime and were then given newspaper articles containing misleading, non-misleading, or no information about the appearance of the perpetrator. Participants were then tested with either a target-absent line-up, where all individuals matched the misleading description of the perpetrator, or a target-present line-up, where all individuals matched the non-misleading description. Two main findings were obtained. First, misinformation did not impair line-up performance. However, participants receiving any (even misleading) facial information outperformed those participants receiving no information. These results suggest that in some cases, verbal misinformation may facilitate memory. Furthermore, they suggest that while perceptual misinformation may not easily impair visual memory, contextual information can. Collection: Theses and Dissertations (CLOSED)

File: thesis format1.pdf Desc: Description: Size: 265758

URI: <http://hdl.handle.net/1813/157> Visits: 921

AU: Ladau, Joshua TI: Robust Statistical Tests for Detecting the Effects of Interspecific Competition on Ecological Communities KW: Ecological Community; Competition; Null Model; Robust; Graph Theory IssD: 2005-09-13 Pub: Publisher:

ABS: For seventy years ecologists have debated to what extent competition affects the composition of ecological communities. At one extreme, species have been proposed to assemble independently of each other, while at the other extreme, competition and other interspecific interactions have been proposed to account almost solely for the composition of communities. Although the debate bears broadly on applied a Collection: Theses and Dissertations (CLOSED)

File: Ladau_Dissertation.pdf Desc: Description: Size: 3503804

URI: <http://hdl.handle.net/1813/2191> Visits: 478

AU: LaFrieda, Christopher TI: Custom-Quality Wire Routing Using Modern Design Rules KW: layout automation; router IssD: 2005-08-03 Pub: Publisher:

ABS: This thesis presents a wire routing methodology that produces custom-quality results. We use a gridless tile-based approach that extends previous works in four main ways. First, it captures all the intricacies of modern design rules, e.g. the difference between contact-to-contact spacing and contact-to-wire spacing. Second, it implements a robust cost model that includes: i) horizontal wire costs, ii) vertical wire costs, iii) via costs, and iv) jog costs. Third, a design-rule correct route is always guaranteed even if the search for the least-cost path is terminated early. Fourth, route ordering is dynamically updated based upon the routability of nodes. The resulting router is shown to route 1.5-11x faster than the Cadence Chip Assembly Router while consuming 6-8x less memory with 5-15% less wiring overhead. Collection: Theses and Dissertations (CLOSED)

File: main.pdf Desc: Description: Size: 836804

URI: <http://hdl.handle.net/1813/2123> Visits: 639

AU: Larson, Martha TI: The Empty Object Construction and related phenomena KW: Germanic languages; Baule language; Kwa languages; serial verb construction; clausal

coordination; null pronouns; null objects; Norwegian language; German language; Dutch language
IssD: 2005-04-20 Pub: Publisher:

ABS: This thesis treats a series of constructions containing unexpressed arguments that exhibit traits of null pronouns, but that resist analysis as standard null pronouns. The Norwegian Empty Object Construction (EOC) combines a complete clause with a conjunct that contains an unexpressed object. The fact that this object receives an E-type reading when associated with a quantified NP forces the conclusion that it is indeed a null pronoun. It cannot be considered a standard null pronoun, however, since it cannot occur outside of a non-initial conjunct and is constrained in its reference. The Baule Empty Subject Construction (ESC), elsewhere called a Serial Verb Construction, is shown to be a covert clausal coordination involving a non-initial conjunct containing unexpressed arguments demonstrating these same characteristics. Additionally, in both EOC and ESC the conjuncts must match in polarity and in Tense/Aspect/Mode marking. Adverbial modification of the non-initial conjunct is limited. Unexpressed arguments are barred from sentential
Collection: Theses and Dissertations (CLOSED)

File: Larson2005_EOC_final.pdf Desc: Description: Size: 833336

URI: <http://hdl.handle.net/1813/939> Visits: 751

AU: Lauren, Peritz TI: The International Criminal Court, Sovereignty, and the United States: global power and the case for non-participation KW: International criminal court; United states foreign policy; Sovereignty
IssD: 2006-06-22 Pub: Publisher:

ABS: At the heart of the debate over the International Criminal Court lies the amorphous notion of globalization. Calling into question the normative assumptions driving international humanitarian efforts, the evolving conception of the sovereign state, strategic interactions among countries and the ability of the international community to work multilaterally towards a common vision of justice, the debate spans a broad range of issues concerning global governance. The United States' rocky relationship with the International Criminal Court is a particularly revealing entry point. Is the United States' opposition simply an expression of unilateralist arrogance and refusal to concede to an increasingly important system of global governance that much of the international community accepts? In fact, American non-support runs much deeper. Both a strategic approach to United States' foreign policy objectives and an examination of the ideological incompatibilities between the United States' Constitution and participation in the Court reveal the centrality of sovereignty in the debate. In a strategic sense, it is not in the interest of the United States to concede judicial autonomy to the International Criminal Court. In an ideological sense, the tensions are seemingly irresolvable. Both point to why the United States has become a global hegemonic power and how this hegemony plays out. Further, both reveal just how deeply the International Criminal Court renegotiates state sovereignty by shifting the standards of international human rights law. This thesis proceeds in three stages. First, it explores the position the International Criminal Court occupies in relation to the established tradition of international and specifically human rights law. Second, it evaluates the argument against American participation in the Court examining the alleged dissonance with constitutional democracy and tangible threats the institution poses to US foreign-relations
objecti
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File: Thesis - Part 1.pdf Desc: Description: Preliminary pages and abstract Size: 110734

URI: <http://hdl.handle.net/1813/3219> Visits: 71

AU: Lautenschlager, Catherine TI: Structural Studies of Protein-Small Molecule Interactions: Bombyx Mori Pheromone Binding Protein Specificity for Bombykol, and the Substrate Specificity of Pantocin A Biosynthetic Proteins KW: pheromone binding protein; pantocin A; Bombyx mori; x-ray crystallography IssD: 2004-11-10 Pub: Publisher:

ABS: Interactions between small molecules and proteins mediate the biological processes of life. A knowledge of how proteins specifically interact with small molecules provides us with the tools to probe complex biology, but also allows us to develop potent and specific drugs to manipulate t Collection: Theses and Dissertations (CLOSED)

File: catthesis.pdf Desc: Description: Size: 9116658

URI: <http://hdl.handle.net/1813/199> Visits: 615

AU: Le Bourg, Anne TI: STEROL REGULATION OF HEPATIC LIPASE. A NOVEL ROLE FOR STEROL REGULATORY ELEMENT BINDING PROTEIN IN CHOLESTEROL HOMEOSTASIS KW: Hepatic lipase; Sterol regulatory element binding protein; HL; SREBP; regulation; inhibition; cholesterol; sterol IssD: 2006-03-14 Pub: Publisher:

ABS: Hepatic lipase (HL) plays a critical role in the modulation of plasma lipoprotein concentrations and specifically the concentrations of high density lipoproteins and small low density lipoproteins. HL is likely to play a role in cellular cholesterol homeostasis. Despite numerous studies aimed at characterizing HL regulation, the role of cholesterol in controlling HL expression and/or activity levels remains unclear. In Fu5AH and McA-RH7777 rat hepatoma cells, cholesterol treatment resulted in a marked decrease in secreted rat HL (rHL) mass. Similarly, the acyl-CoA:cholesterol acyltransferase inhibitor 58-035 decreased rHL secretion, suggesting that unesterified cholesterol mediated the downregulation. Cholesterol alone or in combination with 25-hydroxy-cholesterol, or 58-035 decreased rHL mRNA levels without affecting mRNA degradation rate. Sterol Regulatory Element Binding Proteins (SREBPs) are the major transcription factors mediating the feedback regulation of cholesterol levels. Sterol treatments decreased nuclear SREBPs in human HepG2 cells without affecting the activity of a -1480/+14 human HL (hHL) promoter luciferase construct in rat or human cells. In HepG2 cells, statin (compactin) treatment or over-expression of nuclear SREBP1a (nSREBP1a) decreased the activity of a -117/+14 hHL promoter construct and HL mRNA levels. Forced expression of nSREBP1a reversed the Upstream Stimulatory Factor 1 (USF1)-mediated activation of hHL promoter constructs. Gel-shift and supershift assays identified binding sites for Hepatocyte Nuclear Factor 1 (HNF1), HNF4 and USF1 within the hHL promoter at -70/-48, -252/-218, and -317/-298 respectively. Binding of these factors was diminished using nuclear extracts from sterol or compactin treated cells. No direct binding of nSREBP to the hHL promoter was identified. SREBP1a bound to USF1 in co-immunoprecipitation experiments, suggesting inhibition of HL transcription by cholesterol or compactin may occur through SREBP1 interaction with USF1 or its co-activators. In rat cells, cholesterol or 58-035 decreased rHL protein synthesis while protein turnover was unchanged. In vitro translation assays demonstrated a decrease in HL translation efficiency in sterol-treated cytoplasmic extracts. These experiments provide evidence for a novel aspect of the function of SREBPs in the crosstalk between cholesterol and fatty acid/triglyceride metabolism. Collection: Theses and Dissertations (CLOSED)

File: Complete thesis.pdf Desc: Description: Size: 2721191

URI: <http://hdl.handle.net/1813/2699> Visits: 488

AU: Lee, Annie Jieun TI: The Effects of the Physical Environment on Physical Activity of Older Adults KW: older adults; physical activity; environment; walkability IssD: 2005-12-23 Pub: Publisher:

ABS: With obesity-related health problems on the rise among older Americans in the past few decades, physical activity has been a major focus in the fight to overcome the obesity epidemic. The evidence to date suggests that the built environment, specifically walkable neighborhoods and features, Collection: Theses and Dissertations (CLOSED)

File: Thesis_Jan+2006.pdf Desc: Description: Size: 1483555

URI: <http://hdl.handle.net/1813/2593> Visits: 474

AU: Lee, Damon TI: BREATHE AND BENDING LIGHT:TWO CHAMBER ORCHESTRA WORKS KW: chamber orchestra music IssD: 2006-04-28 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: Damon Lee 2006 diss portfolio.pdf Desc: Description: Size: 1957866

URI: <http://hdl.handle.net/1813/2927> Visits: 141

AU: Lee, Damon TI: THE FILM MUSIC OF TORU TAKEMITSU KW: film music; japanese cinema IssD: 2006-04-28 Pub: Publisher:

ABS: Selections fro Collection: Theses and Dissertations (CLOSED)

File: Damon Thomas Lee Dissertation 2006 Vol 2 new title.pdf Desc: Description: Size: 3350713

URI: <http://hdl.handle.net/1813/2928> Visits: 243

AU: Lee, Eunjung TI: A SOCIAL RESOURCE MODEL OF POLITICAL PARTICIPATION:MASS MEDIA USE, SOCIAL CAPITAL, AND POLITICAL PARTICIPATION KW: Media Use; Social Capital; Political Participation; Social Trust; Social/Political Talk; Tolerance IssD: 2005-12-15 Pub: Publisher:

ABS: This dissertation explores the theoretical foundation and empirical significance of the social resource model of political participation, an approach that views political participation as an outcome of individuals? use Collection: Theses and Dissertations (CLOSED)

File: dissertation-Eunjung Lee.pdf Desc: Description: Size: 533272

URI: <http://hdl.handle.net/1813/2551> Visits: 424

AU: Li, Hui TI: Radioisotope-Powered Self-Reciprocating Cantilever for Micro Power Generation KW: micro power; radioisotope; cantilever IssD: 2005-07-21 Pub: Publisher:

ABS: Micro ele Collection: Theses and Dissertations (CLOSED)

File: Dissertation.pdf Desc: Description: Size: 1126994

URI: <http://hdl.handle.net/1813/2103> Visits: 674

AU: Lieveise, Angela Rose TI: Bioarchaeology of the Cis-Baikal: Biological Indicators of Mid-Holocene Hunter-Gatherer Adaptation and Cultural Change KW: bioarchaeology, biological anthropology, Baikal, Siberia, osteoarthritis, paleopathology, enamel hypoplasia, Neolithic, Bronze Age, mid-Holocene IssD: 2005-07-12 Pub: Publisher:

ABS: This bioarchaeological investigation of the Cis-Baikal skeletal and dental record focuses on health and lifestyle reconstruction of the region's mid-Holocene foragers with particular interest in the circumstances surrounding an alleged fifth millennium

BC biocultural hiatus. The five cemetery populations considered - two representing the pre-hiatus Kitoi culture and three the post-hiatus Serovo-Glaskovo - provide an excellent opportunity not only to characterize boreal forest foraging adaptation, but also to investigate cultural change in the region. Research focuses on three discrete lines of bioarchaeological inquiry: dental enamel hypoplasia, osteoarthritis (degenerative joint disease), and paleopathology (both skeletal and dental). Results reveal several discrepancies between the pre- and post-hiatus peoples, lending some support to previous assertions of distinct Kitoi and Serovo-Glaskovo adaptive regimes, particularly the narrower subsistence base and lower residential mobility of the former. For example, pre-hiatus individuals appear to have suffered greater physiological stress than their successors, likely reflecting seasonal or annual fluctuations in resource availability, and to have engaged in distinct activity patterns suggesting increased (and sexually disparate) logistical foraging in response to reduced residential mobility. However, remarkable parallels have also been observed between these two groups in terms of overall mobility, general health status, and numerous behavioral characteristics, suggesting a general pattern of continuity throughout the mid-Holocene period. Skeletal and dental data indicate that all occupants of the Cis-Baikal employed variable but effective adaptive strategies: despite their documented differences, both pre- and post-hiatus peoples appear to have been more than successful in exploiting the region's rich aquatic and terrestrial resources. Collection: Theses and Dissertations (CLOSED)

File: Prelim Pages 2.pdf Desc: Description: Preliminary Pages (2) Size: 113486

URI: <http://hdl.handle.net/1813/2091> Visits: 628

AU: Lohmueller, Torben TI: The Cunning Lust. Aesthetic and Political Perspectives on Masochism. KW: Masochism; Sacher-Masoch; Aesthetics; Perversion in Art IssD: 2004-12-06 Pub: Publisher:

ABS: While the works of Alphonse Donatien de Sade have widely impacted aesthetic and critical discussions in 20th century avant-garde art and critical theory, the supposed inventor of masochism, Leopold von Sacher-Masoch, has been largely neglected by scholars and critics alike. Only in recent years and in a tardy response to Gilles Deleuze's *Présentation de Masoch* (1969) have Sacher-Masoch and the subject of masochism received some attention within the debates in both German and Cultural Studies, notably by Albrecht Koschorke. Leopold von Sacher-Masoch (1988), John Noyes. *Mastery of Submission* (1997) Collection: Theses and Dissertations (CLOSED)

File: dissertation_lohmueller.pdf Desc: Description: Titel page Size: 18924

URI: <http://hdl.handle.net/1813/218> Visits: 710

AU: Lu, Mathew TI: On Loyalty KW: loyalty; moral psychology; Harry Frankfurt IssD: 2005-07-19 Pub: Publisher:

ABS: In this dissertation, I defend a particularist, developmental account of the demands of loyalty, particularly towards unchosen objects (e.g. familial loyalties, piety, and patriotism). After surveying the limited literature in the field, I begin by pursuing Bernard Williams' suggestion that the deepest loyalties in human life are not subject to justification on the basis of universalist moral theories. In general, I argue that modern ethical theory—both broadly consequentialist and broadly Kantian—cannot account for demands of special concern towards particular persons, groups, and traditions, because those theories are intrinsically insensitive to Collection: Theses and Dissertations (CLOSED)

File: On Loyalty (7-18).pdf Desc: Description: Size: 4172738
URI: <http://hdl.handle.net/1813/2096> Visits: 646

AU: Mack, Jared Lynn TI: DEPOSITION OF ORGANIC THIN FILMS USING ENERGY TUNABLE MOLECULAR BEAMS ON SILICON DIOXIDE AND OCTADECYLTRICHLOROSILANE MODIFIED SILICON DIOXIDE KW: pentacene; OTS IssD: 2006-06-12 Pub: Publisher:

ABS: Organic semiconductors, in particular organic thin-film transistors (OTFTs), have been gaining recognition and spurring development in the electronics world now for more than a decade. The use of organic semiconductors is playing an ever increasing role in today's industrial research in an effort to fill niches in technology left b
Collection: Theses and Dissertations (CLOSED)

File: correction 5.9.pdf Desc: Description: Size: 1664056
URI: <http://hdl.handle.net/1813/3201> Visits: 120

AU: Makagon, Maja TI: Laughter in Congenitally Deaf versus Normally Hearing College Students: An Acoustic Analysis KW: Deaf; Laughter; Laughter Acoustics; Vocal Innateness IssD: 2005-08-25 Pub: Publisher:

ABS: The developmental and phylogenetic origins of human laughter are not well understood, with available evidence inconsistently suggesting both innate stereotypy and high variability in laughter acoustics. We examined this issue by investigating laughter in 19 congenitally deaf college students, with little or no auditory experience, and in 23 normally hearing college students. Acoustic analyses focused on temporal and spectral features, as well as vocal production modes. Repeated-measures ANOVA testing indicated marked similarity in laughter produced by the two groups. Acoustic differences that did occur in amplitudes ($p < 0.01$) and durations ($p < 0.01$) of the laughs likely reflect socially prescribed suppression of loud vocalizations by the profoundly deaf, but may also result from higher phonation thresholds or weakened vocal-fold responsivity. Finding overall similarity in laugh acoustics indicates an innate foundation for the neural circuitry involved, and that specific auditory experience is not a prerequisite for the development of these species-typical sounds. Nonetheless, laugh acoustics within both groups were also quite variable, suggesting diversity, rather than stereotypy in underlying motor behavior. Collection: Theses and Dissertations (CLOSED)

File: MakagonThesis2006.pdf Desc: Description: Size: 781445
URI: <http://hdl.handle.net/1813/2175> Visits: 636

AU: Marcynyszyn, Lyscha TI: Contributions of Attentional and Behavioral Regulation to Socioemotional Adjustment and Early Academic Success Among Head Start Graduates KW: preschool; first grade; adjustment; academic achievement; poverty; self-regulation; school readiness; social and emotional development; risk; temperament; parenting; longitudinal; moderating and mediating processes; structural equation modeling IssD: 2006-02-06 Pub: Publisher:

ABS: The multiple pathways linking 4-year-olds' self-regulation to their adjustment (defined as teacher-reported socioemotional functioning and academic achievement) among a sample of children from ethnically and geographically diverse low-income families (Time 1 $N = 163$) were examined at two time points over the transition from preschool to first grade. Self-regulation was defined in terms of attentional and behavioral regulation and inhibitory control. Three research questions were

investigated in separate papers. In all analyses, demographic factors such as maternal age, education, workforce entry, family income c Collection: Theses and Dissertations (CLOSED)

File: 1 Marcynyszyn Finalprelims Desc: Description: 104055, Preliminary Dissertation Pages Size: 1.27.06.pdf

URI: <http://hdl.handle.net/1813/2638> Visits: 359

AU: Martin, Aryn TI: "I contain multitudes": Chimeras, cells and the materialization of identities KW: science studies, chimeras, cells, identity, genetics, body, feminism, metaphor, microchimerism, individualism, multiplicity IssD: 2006-06-29 Pub: Publisher: ABS: This dissertation traces the biomedical networks through which human chimeras are clinically constituted. Chimeras are organisms in which two or more genetically distinct cell populations co-exist. Unlike their experimentally produced counterparts (often interspecies mixtures), human chimeras arise spontaneously when fraternal twin embryos fuse in the womb. While undoubtedly a rare occurrence, the true incidence is unknown because many chimeras have no visible signs of their composite being. Hence, chimeras are produced in an inadvertent encounter with the laboratory, during blood donation or tissue typing, for example. A subtype of chimerism, called microchimerism, occurs when the second cell population is tiny. The main context in which microchimerism is discussed in biomedical research is cell exchange between women and their fetuses, now thought to be a normal event during pregnancy. Human chimerism has existed since the 1950's, and microchimerism Collection: Theses and Dissertations (CLOSED)

File: Martin dissertation.pdf Desc: Description: Size: 9171533

URI: <http://hdl.handle.net/1813/3238> Visits: 65

AU: Martin, Pal TI: Cost Sharing and Approximation KW: approximation algorithms; cost sharing; network design; stochastic optimization IssD: 2004-12-13 Pub: Publisher:

ABS: Central to this thesis are problems in which a group of users can benefit from building and jointly using some kind of infrastructure, be it a set of supply depots, service stations, or a communication or transportation network. We study two important questions related to these kinds of scenarios: (1) how to build the shared facility that satisfies the needs of a given set of users in a cost-effective way, and (2) how to split the cost of the shared facility among Collection: Theses and Dissertations (CLOSED)

File: thesis-doublespace.pdf Desc: Description: Size: 591787

URI: <http://hdl.handle.net/1813/224> Visits: 494

AU: Martinez, Linnell TI: HIGH CONFINEMENT SUSPENDED MICRO-RING RESONATORS IN SILICON-ON-INSULATOR KW: photonic devices; ring resonator; silicon photonics; resonant cavities IssD: 2006-06-07 Pub: Publisher:

ABS: A method for suspending micro-ring resonators in a silicon-on-insulator substrate was developed. Due to the low insertion loss of the suspension mechanism and high confinement of the resonant cavity, quality factors exceeding 15,000 of micron-size suspended rings were achieved. Often, applications of such resonant cavities require tunability of its resonant wavelength. In this work, we also present two methods of tuning the cavity, one by thermal stimulation and the other by MEMS electrostatic actuation. Collection: Theses and Dissertations (CLOSED)

File: Master's Thesis - Linnell Martinez - Final.pdf Desc: Description: Size: 5187435

URI: <http://hdl.handle.net/1813/3156> Visits: 106

AU: Mason, Paul Andrew TI: MOLECULAR AND GENETIC INVESTIGATIONS OF ALUMINUM TOLERANCE IN WHEAT (TRITICUM AESTIVUM) AND MAIZE (ZEA MAYS) KW: aluminum tolerance; wheat; maize; acid soil; clc; anion channel IssD: 2005-06-01 Pub: Publisher:

ABS: Aluminum (Al) toxicity is the primary limiting factor of crop production on acid soils, which affect much of the earth's arable lands. Traditional plant breeding has been successful in improving crop tolerance to Al toxicity. However, further improvements in crop aluminum tolerance will require a deeper understanding of the underlying molecular and physiological mechanisms. Hence, the research described in this thesis focused on the genetic and molec Collection: Theses and Dissertations (CLOSED)

File: pm-ch012345-TAF-5-31-05.pdf Desc: Description: Size: 2397712

URI: <http://hdl.handle.net/1813/1452> Visits: 603

AU: Mateescu, Raluca TI: EFFECT OF TESTOSTERONE ON IGF-I, AR AND MYOSTATIN GENE EXRESSION IN SPLENIUS AND SEMITENDINOSUS MUSCLES IN SHEEP KW: gene expression; muscle; sheep IssD: 2004-04-21 Pub: Publisher:

ABS: Testosterone is known to act differentially on skeletal muscle from different regions. Two genes likely to mediate the testosterone effect are insulin-like growth factor-I (IGF-I), an important growth regulator acting in an autocrine and paracrine way, and androgen receptor (AR), as receptor density could account for differential muscle growth. Another muscle-specific gene that may play a role in differential muscle growth is myostatin, a member of the transforming growth factor-beta superfamily, shown to be a negative regulator of skeletal muscle mass. The objective of this study was to quantify and compare the expression of these three genes in two different skeletal muscles in sheep. East Friesian x Dorset sired ram lambs born from Dorset ewes were used in a 2 x 4 factorial experiment. Eighteen sets of twins were assigned to four age groups corresponding to 77, 105, 133 and 161 days of age and one individual from each set was castrated at birth. Total RNA was extracted from samples of semitendinosus (ST) and splenius (SP) muscles collected at the time of slaughter. Insulin-like growth factor I mRNA was measured using competitive reverse-transcription-polymerase chain reaction (RT-PCR). Androgen receptor and MSTN mRNA were measured by ribonuclease protection assay (RPA) with standard curves. Splenius muscle weight was greater than semitendinosus muscle weight in rams compared with wethers at 105, 133 and 161 days ($p = 0.05$, $p = 0.04$ and $p = 0.02$). The difference in IGF-I mRNA levels between the two muscles was higher in rams than in wethers at 133 and 161 days ($p < 0.05$) and the difference in AR mRNA levels was higher in rams than in wethers at 105, 133 and 161 days ($p < 0.05$), with higher expression in the SP. No difference was found in the MSTN mRNA level between the two muscles in rams and wethers at any age. These results show that locally produced IGF-I and the regulation of AR expression are important for sexually dimorphic muscle growth patterns. Collection: Theses and Dissertations (CLOSED)

File: PhDthesis2.pdf Desc: Description: Size: 2148048

URI: <http://hdl.handle.net/1813/98> Visits: 737

AU: Matthew, Rudolph TI: THE DIVERSITY OF CONVERGENCE: STATE AUTHORITY, ECONOMIC GOVERNANCE AND THE POLITICS OF SECURITIES

FINANCE IN CHINA AND INDIA KW: China, India, Finance IssD: 2006-05-06 Pub: Publisher:

ABS: This dissertation explains contrasting patterns of financial reform in China and India. It focuses on ?securitization? ? the structural shift from credit-based finance (banking) to securities-based finance (stocks and bonds) ? as a politically consequential phenomenon Collection: Theses and Dissertations (CLOSED)

File: Complete_Thesis Friday v4.pdf Desc: Description: Rudolph Complete Thesis v4 0505 Size: 2385578

URI: <http://hdl.handle.net/1813/2983> Visits: 215

AU: Mattison, Peter Moir TI: QUANTIFYING DISTURBANCE FACTORS AND EFFECTS IN COMMON TERNS (STERNA HIRUNDO) USING VISUAL, AUDIO, AND REPRODUCTIVE DATA KW: common tern reproduction nesting; disturbance behavior Oneida Lake IssD: 2006-05-03 Pub: Publisher:

ABS: The common tern is designated as a species of special concern in Upstate New York. The largest inland tern colony in New York is located on Oneida Lake, which is habitat to many other colonial waterbird species and an area of high human use during the tern breeding season. In addition to disturbances caused by recreational use, Oneida Lake's common terns are exposed to potential disturbances from tern research and cormorant management. Researchers intensively monitor tern nests during the breeding season, and USDA-APHIS participates in a lake-wide hazing program to control double-crested cormorants (*Phalacrocorax auritus*). The goal of this study was to discern and describe disturbances which might affect the projected susta Collection: Theses and Dissertations (CLOSED)

File: MattisonThesis0506DSpace.pdf Desc: Description: Size: 865225

URI: <http://hdl.handle.net/1813/2944> Visits: 184

AU: McDonald, Eric John TI: Synthesis of Translinear Analog Signal Processing Systems KW: analog circuit design; translinear; circuit sythesis; MITE; multiple-input translinear element; analog signal processing IssD: 2004-07-23 Pub: Publisher:

ABS: Even in the predominantly digital world of today, analog circuits maintain a significant and necessary role in the way electronic signals are generated and processed. A straightforward method for synthesizing analog circuits would greatly improve the way that analog circuits are currently designed. In this dissertation, I build upon a synthesis methodology for translinear circuits originally introduced by Bradley Minch that uses multiple-input translinear elements (MITEs) as its fundamental building block. Introducing a graphical representation for the way that MITEs are connected, the designer can get a feel for how the equations relate to the physical circuit structure and allows for a visual method for reducing the number of transistors in the final circuit. Having refined some of the synthesis steps, I illustrate the methodology with many examples of static and dynamic MITE networks. For static MITE networks, I present a squaring reciprocal circuit and two versions of a vector magnitude circuit. A first-order log-domain filter and an RMS-to-DC converter are synthesized showing two first-order systems, both linear and non-linear. Higher order systems are illustrated with the synthesis of a second-order log-domain filter and a quadrature oscillator. The resulting circuits from several of these examples are combined to form a phase-locked loop (PLL). I present simulated and experimental results from many of these examples. Additionally, I present information related to the process of programming the floating-gate charge for the MITEs through the use of Fowler-Nordheim tunneling and hot-

electron injection. I also include code for a Perl program that determines the optimum connections to minimize the total number of MITEs for a given circuit. Collection: Theses and Dissertations (CLOSED)
File: thesis_final.pdf Desc: Description: Size: 1408380
URI: <http://hdl.handle.net/1813/155> Visits: 789

AU: McNaughton, Caitlyn Harris TI: Social Behavior in FMR1 KO Mice: a Model of Fragile X Syndrome KW: fragile x syndrome; fmr1 KO mice; rodent social behavior; FXS; mouse sociability IssD: 2006-06-29 Pub: Publisher:

ABS: The fmr1 "knockout" (KO) mouse is a model for fragile X syndrome, the most common form of heritable mental retardation (Hagerman, 2002). The present study was designed to further assess the validity of this mouse model. Specifically, in light of the prominence of social anxiety in the human FXS phenotype, the present study assessed various aspects of social behavior in fmr1 KO mice and wild-type (WT) littermates. A three-chambered apparatus was used to assess: (1) the preference for being near a novel conspecific vs being alone; and (2) the preference for a novel conspecific vs. a familiar one. In the first phase, experimental subjects were exposed to a restrained unfamiliar male mouse in one of the side compartments. Subsequently, in the second phase, a second unfamiliar male mouse was restrained in the opposite compartment. In both phases, square crossings, the time spent in each area, sniffing each restraining cage, rearing, grooming and wall climbing were measured. The results revealed that both the KO and WT mice preferred to be near a novel conspecific rather than to be alone; the magnitude of this effect was comparable in the two genotypes. Preference for a novel conspecific over a familiar conspecific was also seen in both groups, but only when the stimulus mouse was a preferred animal. When a non-preferred stimulus mouse was the novel animal, both groups showed a diminished novelty preference, but the magnitude of this effect varied by genotype. Under this condition, the WT mice showed a more pronounced negative reaction to the non-preferred mouse than did the KO mice. In addition, two other genotypic differences indicated that the KO mice may have been more anxious than controls in these social encounters: (1) a greater proportion of the KO mice had high total grooming times; and (2) the average duration of nose contact with the stimulus mouse was significantly shorter for the KO mice than for controls. These results provide further support for the validity of this mouse model, although future studies are needed to more fully characterize the social behavior alterations in the fmr1 KO mouse. Collection: Theses and Dissertations (CLOSED)

File: thesis.pdf Desc: Description: Size: 751641
URI: <http://hdl.handle.net/1813/3237> Visits: 59

AU: Mentis, Helena TI: OCCURRENCE OF FRUSTRATION IN HUMAN-COMPUTER INTERACTION: THE AFFECT OF INTERRUPTING COGNITIVE FLOW KW: frustration; human-computer interaction; user experience IssD: 2004-03-05 Pub: Publisher:

ABS: Despite a growing awareness of the importance of emotion, HCI has emphasized the severity of usability incidents as the best method towards creating an enjoyable experience. This study collected the remembered frustrating incidents with technology of 66 participants (132 incidents). Incidents were then coded into one of the five high-level categories of the User Action Framework, a schema for classifying incidents in r Collection: Theses and Dissertations (CLOSED)

File: Mentis_Thesis.pdf Desc: Description: Size: 658583

URI: <http://hdl.handle.net/1813/91> Visits: 747

AU: Mueller, Jacob TI: EVOLUTIONARY, STRUCTURAL AND FUNCTIONAL ANALYSIS OF DROSOPHILA MELANOGASTER SEMINAL FLUID PROTEINS KW: Reproduction; Drosophila; Male accessory gland; Molecular evolution; Immunity; Acps IssD: 2004-09-14 Pub: Publisher:

ABS: During mating, *Drosophila melanogaster* males transfer accessory gland proteins (Acps) in the seminal fluid, along with sperm, to their mates. Acps mediate behavioral and physiological changes in mated females. These changes include increases in oogenic and egg-laying rates; and decreases in lifespan, sperm storage, and female's propensity to remate. A previous evolutionary EST screen in *D. simulans* identified a large candidate set of Acps. I organized a lab-wide annotation and male-expression confirmation of these candidate Acps in *D. melanogaster*, thus generating a collection of 52 stringently-selected Acps. Comparative structural modeling was then performed on 28 Acps which fall into several protein classes, including regulators of proteolysis, lipid modification, immunity/protection and cysteine-rich secretory proteins. Many of these same protein structural classes are found in the seminal fluid of mammals, suggesting a conservation of seminal protein roles. A cross-species evolutionary analysis was also performed on the 52 Acps, which identified many rapidly evolving Acps (an excess of non-synonymous/synonymous substitutions, absence of Collection: Theses and Dissertations (CLOSED)

File: 1titlecopyrightabstract9.9.05.pdf Desc: Description: Title, Copyright and Abstract Pages Size: 11864

URI: <http://hdl.handle.net/1813/2189> Visits: 446

AU: Murphy, Troy TI: ADAPTIVE SIGNIFICANCE OF ELABORATE PLUMAGE WHEN EXPRESSED IN BOTH SEXES: MULTIPLE FUNCTIONS OF THE RACKETED-TAIL OF THE TURQUOISE-BROWED MOTMOT (*EUMOMOTA SUPERCILIOSA*) KW: IssD: 2005-07-26 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: TMurphy.pdf Desc: Description: Size: 2769176

URI: <http://hdl.handle.net/1813/2106> Visits: 517

AU: Nakahara, Miwako TI: SIMULATION OF THE INTERACTION BETWEEN PROTEINS AND A CHARGE-NANOPARTTERED SURFACE KW: protein; simulation; Monte Carlo; nanocrystal; semiconductor; mutant; separation IssD: 2004-12-15 Pub: Publisher:

ABS: The characteristics of protein recognition and actuation on a silicon device are investigated using Dynamic Monte Carlo simulations with both a simple cubic lattice model and a high-resolution lattice model. The surface of a model device has a nanoscale electrostatic charge distribution produced by charged nanocrystals embedded into the model device. Thermodynamic and structural quantities of the protein-surface interaction are calculated using the Miyazawa-Jernigan contact energies for the simple cubic lattice model, and the Skolnick-Kolinski interaction scheme for the high-resolution lattice model. A par Collection: Theses and Dissertations (CLOSED)

File: Thesis by Miwako Nakahara_final.pdf Desc: Description: Size: 1304007

URI: <http://hdl.handle.net/1813/227> Visits: 722

AU: Narayanan, Venkatasubramanian TI: Macroscopic modeling of quantum effects in semiconductor devices KW: semiconductors; carrier transport; quantum effects; quantum transport; macroscopic modeling; tunneling IssD: 2006-05-04 Pub: Publisher: ABS: This dissertation explores the use of macroscopic quantum hydrodynamic (QHD) models as tools for investigating the transport of charge carriers in semiconductor device Collection: Theses and Dissertations (CLOSED)
File: QHD_ThesisCompletev3.pdf Desc: Description: Size: 594024
URI: <http://hdl.handle.net/1813/2956> Visits: 179

AU: Neeves, Keith TI: Convection-Enhanced Drug Delivery: Porous Media Models and Microfluidic Devices KW: convection-enhanced delivery; microfluidics; porous media IssD: 2006-06-26 Pub: Publisher: ABS: Promising treatments of many brain diseases are often thwarted due to their inability to cross the blood-brain barrier. Convection-enhanced drug delivery (CED) uses direct infusion of drug-containing solutions into tissue to circumvent the blood-brain barrier. The aim of this thesis was to combine models of transport in porous media with microfabricated devices to develop novel methods for controlling the distribution of infused drugs. We used a poroelastic model of the brain to explore the effect of infusion induced dilation on transport. We calculated that during infusions at flow rates greater than one microliter/minute, the effective pore size of the extracellular matrix was doubled by dilation from approximately fifty nanometers to one-hundred nanometers. A computational fluid dynamic model of the rat brain determined the perturbation of the flow field between white and gray matter. We found no further perturbation of the flow field when the ratio of permeabilities between white and gray matter exceeded one-hundred. The results of our models suggest that the material properties of a targeted tissue region dictate the transport of infused solutions. To better control and manipulate drug distribution we developed a novel microfluidic platform for delivering drug-solutions at flow rates relevant for CED. The microfluidic devices consisted of parylene channels with a cross-section area of fifty microns by ten microns on a silicon structure with a cross-sectional area of one-hundred microns by one-hundred microns. These probes were tested in the normal rat brain and demonstrated performance advantages over standard needles, including no channel occlusion and attenuation of backflow. We expanded on the simple single channel device to implement more advanced strategies using multiple channels. A two-channel device was fabricated for infusing an enzyme or mannitol solution prior to infusing polystyrene nanoparticles. By pre-treating the targeted tissue region with enzymes or mannitol we increased the effective pore size of the extracellular matrix which resulted in a doubling of the distribution volume of nanoparticles. Collection: Theses and Dissertations (CLOSED)
File: thesis_final.pdf Desc: Description: Size: 15240121
URI: <http://hdl.handle.net/1813/3228> Visits: 75

AU: Ng, Yu-Chung TI: Improving Machine Learning Approaches to Noun Phrase Coreference Resolution KW: coreference; anaphora; coreference resolution; anaphora resolution; machine learning; natural language processing IssD: 2004-07-16 Pub: Publisher: ABS: Human speakers generally have no difficulty in determining which noun phrases in a text or dialogue refer to the same real-world entity. This task of identifying co-referring noun phrases --- noun phrase coreference resolution --- can present a serious

challenge to a natural language processing system, however. Indeed, it is one of the critical problems that currently limits the performance Collection: Theses and Dissertations (CLOSED)

File: dissertation.pdf Desc: Description: Size: 977421

URI: <http://hdl.handle.net/1813/153> Visits: 812

AU: Nicholson, Benjamin Ferrers TI: The Interface Response Function and Melting Point of the Prism Interface of Hexagonal Ice using a Fluctuating Charge Model (TIP4P-FQ) KW: Interface Response Function; TIP4P-FQ; Melting Temperature; Ice Crystallization; Ice-Water Interface IssD: 2006-05-04 Pub: Publisher:

ABS: Molecular Dynamics simulations have been used to follow the rate of growth and recession of the prismatic surface of a hexagonal ice-water interface. The fluctuating charge, four-site transferable intermolecular potential model, TIP4P-FQ, was used at temperatures between 265 K and 310 K in a series of isobaric isothermal (NPT) Molecular Dynamics simulations. Using appropriate order parameters, an interface response function that captures the speed of the moving interface as a function of temperature was constructed that covers the melting and growth of hexagonal ice. From the interface response function ($T_v=0$), the melting temperature was found to be within 8 K of 303 K and the maximum crystallization velocity was estimated to be ~ 1 m/s at 260 K (14% undercooling; in line with the kinetics of other systems such as Si). Changing the Lennard-Jones sigma parameter from 3.159 angstroms to 3.173 angstroms, in line with a previous parameterization by Rick, confirms results from Gibbs-Duhem integration that predicted a reduction in the melting temperature to 276 K. While this value corresponds well with experiments, given the relative simplicity of the model, it comes at the expense of accurately predicting the properties of liquid water. Crystallization from the prism interface involves at least two layers, as determined by density and dipole analysis and is in line with results found from previous TIP6P results. Collection: Theses and Dissertations (CLOSED)

File: BFN2 THESIS.pdf Desc: Description: Size: 569143

URI: <http://hdl.handle.net/1813/2950> Visits: 213

AU: Noethen, Kimberly Grace TI: Teacher Expertise and Personal Theories of Learning: Master and Novice Teachers' Interpretations of a Constructivist Teaching Episode KW: teacher education; science education; constructivist; learning theory; expertise; novice IssD: 2006-06-26 Pub: Publisher:

ABS: This study is an investigation of some of the similarities and differences between Novice and Master science teachers. The research focused on Novice and Master teachers? personal theories of learning as revealed through their perception and interpretation of a videotape of a teaching episode. The teaching episode was selected to illustrate teaching practices consonant with constructivist learning theory. Participants? interviews, during and following the video-clip, provided the sources of data. I transcribed all the interviews and analyzed them using both deductive and inductive analysis tools. Category development proceeded using both open-coding, for data-driven category development, as well as anticipated categories drawn from the three theoretical frameworks. Anticipated categories were drawn from research studies of teacher expertise, from the teacher development literature, and from cognitive science expert/novice research. Qualitative data analysis methods were used to determine Novice and Master teachers? perceptions and interpretations of the video-clip. The Novice teachers were pre-service science teachers. Some had completed student

teaching and some were about to student teach. The Master teachers were Nationally Board Certified science teachers. The Novices were students in a reform-based teacher education program. They have had a variety of experiences with contemporary methods of instruction, but from this research, appear to straddle both a traditional approach to learning and a more constructivist approach. For both the Novices and the Master teachers, the best indicators of their personal theory of learning lies with the role they see for the teacher in the science classroom, the degree of responsibility for learning that is placed on students, and the role student misconceptions play in teaching and learning science. Collection: Theses and Dissertations (CLOSED)
 File: NoethenDissFinalFromPDF.pdf Desc: Description: Size: 1906628
 URI: <http://hdl.handle.net/1813/3224> Visits: 61

AU: Noid, William TI: The (Semi-)Classical Vibrational Echo KW: semiclassical dynamics; Herman-Kluk; vibrational spectroscopy; classical nonlinear response; MbCO A states; proteins; vibrational echoes; exciton; classical dephasing; resonant coupling
 IssD: 2005-06-13 Pub: Publisher:

ABS: The ultrafast vibrational echo experiment is one of a modern generation of nonlinear coherent optical spectroscopies probing the nuclear dynamics of condensed phases. The vibrational echo is the vibrational analog of the NMR spin echo and selectively eliminates inhomogeneous broadening from the echo spectrum, providing direct information about the timescale of dynamics within a sample. Echo experiments performed by the Fayer group at Stanford University on carbonmonoxy myoglobin discriminate between the dynamic lineshapes of the A states of MbCO. By performing classical molecular dynamics simulations and using nonlinear optical response theory, we have identified the microscopic origins of these Collection: Theses and Dissertations (CLOSED)

File: thesis.pdf Desc: Description: Size: 6455657
 URI: <http://hdl.handle.net/1813/1475> Visits: 642

AU: Nolan, Jennifer A. TI: Religious Participation Effects on Mental and Physical Health KW: Religious Participation; Religious Attendance; Mental Health; Physical Health; Depression; Religiousness; Mediators; Religion; Behavioral Pathway; Religious Service Attendance; National Longitudinal Survey of Youth 1979; Church Attendance; Epidemiology of Religion; Religiousness and Spirituality Conceptualizations; SF-12 Physical Health Composite Score (SF-12 PCS); SF-12 Mental Health Composite Score (SF-12 MCS); CES-Depression Score (CES-D); Interactions; NLSY79 IssD: 2006-01-05
 Pub: Publisher:

ABS: The first section of the dissertation provides a review of the literature, conceptual distinctions between religiousness and spirituality, and four key hypothesized pathways identified and categorized from the literature, posited to explain Collection: Theses and Dissertations (CLOSED)

File: JenNolanDissertation.pdf Desc: Description: Size: 1532729
 URI: <http://hdl.handle.net/1813/2602> Visits: 446

AU: Norman, Stephen TI: Essays on Econometric Models of Relative Prices KW: IssD: 2005-09-21 Pub: Publisher:

ABS: The first chapter addresses the degree to which models which exhibit nonlinear mean reversion, such as the smooth transition autoregressive model, present a resolution to the purchasing power parity puzzle (see Rogoff, 1996). A key contribution

of this paper is the development of a method of estimating a representative distribution of half lives which is based upon the observed distribution of shocks in a given time series. This approach is implemented with data on four real exchange rates. The results suggest that while NMR may produce half lives lower than the three year benchmark, half lives shorter than two years are relatively uncommon. In the second chapter, the tests of Kapetanios, Shin, and Snell (2003) and Bec, Salem, and Carrasco (2004), which are designed to detect nonstationarity versus globally stationary ESTAR nonlinearity, are extended to allow transition variables with delay parameters greater than one. It is shown that both test statistics have the same asymptotic distribution compared with the case when the delay parameter is equal to one. The application of these generalized tests is illustrated in an empirical exercise using data on a set of 105 real exchange rates and 15 real interest rates. The third chapter investigates the small sample properties of threshold parameter estimation in the self exciting threshold autoregressive (SETAR) model. While it has been shown that the conditional least squares estimator in the SETAR model behaves poorly in general (see Kapetanios, 2000), this paper identifies systematic small sample biases that results when the distribution of observations between regimes is uneven. The importance of this issue is illustrated with Monte Carlo experiments based on estimating commodity points in a law of one price framework. The fourth chapter combines approaches focusing on the role of distance and market heterogeneity to study what factors contribute to spatial violations of the law of one price. Using data on disaggregated cost of living indices for a cross section of 211 cities in the United States, evidence is provided that suggests that not controlling for market heterogeneity could produce misleading estimates of the role of distance on price differentials. Collection: Theses and Dissertations (CLOSED)

File: Diss1.pdf Desc: Description: Size: 510855

URI: <http://hdl.handle.net/1813/2200> Visits: 500

AU: Nussbaum, Rachel Emily TI: The Kroll Opera and the Politics of Cultural Reform in the Weimar Republic KW: German opera; Weimar - cultural history IssD: 2005-08-05 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: intro to dissertation.pdf Desc: Description: introduction Size: 126127

URI: <http://hdl.handle.net/1813/2130> Visits: 805

AU: Ogawa, Akihiro TI: THE FAILURE OF CIVIL SOCIETY?: AN ETHNOGRAPHY OF NPOS AND THE STATE IN CONTEMPORARY JAPAN KW: civil society; Japan; volunteerism; NPOs; third sector; education; action research IssD: 2004-07-06 Pub: Publisher:

ABS: This dissertation is an ethnographic study of the emergence of nonprofit organizations (NPOs), which have been proliferating in Japan since the passage of the Law to Promote Specified Nonprofit Activities (so-called NPO Law) in 1998. My research analyzes the dynamic micro-politics of everyday interactions between the state and ordinary people in the creation and ongoing activities of an NPO. It especially focuses on how different levels in the Japanese government shape these civil-society organizations into a structure that supports the state's goals, and how people at the grassroots level respond to the state's actions. Furthermore, this dissertation examines the meaning of civil society in an anthropological context. My approach explores the mutually constitutive roles of state and society, avoiding any easy essentialism or

stereotyping of Japan's social and political development, but it does aim at destabilizing so Collection: Theses and Dissertations (CLOSED)

File: Final Draft070404.pdf Desc: Description: Size: 1059402

URI: <http://hdl.handle.net/1813/134> Visits: 863

AU: Onion, Alene TI: Herbivore resistance in invasive and native *Myriophyllum spicatum* and *Myriophyllum heterophyllum* KW: *Acentria ephemerella*; aquatic; induced resistance; invasive; jasmonic acid; macrophyte; *Myriophyllum heterophyllum*; *Myriophyllum spicatum* IssD: 2004-07-27 Pub: Publisher:

ABS: Invasive plant species are increasing worldwide and often have significant impacts on local ecosystems. Many attempts have been made to use augmented herbivore populations as a biological control of nuisance populations, however, the success of these efforts has been variable. One character which can affect the success of these biological controls is the expression of plant herbivore resistance. In this study I examined inducible and constitutive herbivore resistance in native and invasive samples of the aquatic angiosperms, M Collection: Theses and Dissertations (CLOSED)

File: Thesis.pdf Desc: Description: Size: 374442

URI: <http://hdl.handle.net/1813/160> Visits: 927

AU: Pagano, Angela TI: FUNCTION SITE OF SUPPLEMENTAL *ESCHERICHIA COLI* PHYTASE IN THE GASTROINTESTINAL TRACTS AND ITS ROLE IN BONE METABOLISM OF YOUNG PIGS KW: PHYTASE; PIGS IssD: 2006-07-12 Pub: Publisher:

ABS: This thesis consists of two studies on phytase. The objective of the first study was to determine the functional site of a supplemental *Escherichia coli* AppA2 phytase and its impact on digesta phosphorus and calcium concentrations in different segments of the gastrointestinal tract of pigs. In Exp. 1, 18 weanling pigs [8.3 ± 0.2 kg body weight (BW)] were allotted to three groups (n = 6) and fed a low-P (0.4%) corn-soy basal diet (BD), BD + phytase [500 units (U)/kg] or BD + inorganic P (0.1%) for 4 wk. In Exp. 2, 30 weanling pigs (14.5 ± 0.2 kg BW) were allotted to three groups (n = 10) and fed BD, BD + phytase (500 U/kg) or BD + phytase (2000 U/kg) for 2 wk. Five or six pigs out of each treatment group were slaughtered at the end of both trials to collect digesta from six segments of the digestive tract to assay for phytase activity, soluble P concentration, and(or) total P and Ca concentrations. Pigs fed BD + phytase had similar phytase activities in the stomach, duodenum, and upper jejunum digesta, and the detected activities were proportional to the supplemental levels of dietary AppA2. But, no phytase activity was detected in digesta of these three segments from pigs fed BD or BD + 0.1% iP or in digesta of lower jejunum and ileum from any of the treatment groups. Digesta soluble P decreased sharply from the stomach to duodenum of pigs fed BD + phytase or BD + iP, whereas it peaked in the upper jejunum of pigs fed BD. Colonic digesta phytase activity and soluble P were highest (P < 0.05) in pigs fed only BD and were inversely affected by dietary phytase supplementation. Pigs fed BD + phytase showed phytase-dose dependent reductions (P < 0.05) in total colonic P and (or) Ca concentrations, compared with those fed BD or BD + iP. In conclusion, supplemental dietary AppA2 mainly functioned in the stomach, but remained fairly active in the upper jejunum. Colonic microbial phytase activity was greatly reduced by the supplemental phytase-mediated phytate-phosphorus hydrolysis in the fore segm Collection: Theses and Dissertations (CLOSED)

File: MStthesis[1].pdf Desc: Description: Title page etc Size: 102586

URI: <http://hdl.handle.net/1813/3264> Visits: 26

AU: Pan, Bruce TI: Physiological Nitrogen Isotopic Responses in *Paracoccus denitrificans* KW: Nitrogen; Isotopic Fractionation; Isotope Ratio Mass Spectrometry; Intramolecular; Position-Specific; *Paracoccus denitrificans* IssD: 2006-07-13 Pub: Publisher:

ABS: The natural abundances of stable isotopes in our environment serve as intrinsic tracers that are incorporated into biological compounds and create unique isotopic signatures that record molecular history. Use of stable isotopes in the investigation of biochemical, geological, and forensic applications has become increasingly popular in the past two decades, in large part due to the recent development of requisite instrumentation capable of measuring the subtle variations of naturally occurring isotope ratios. Progress towards a universal model describing the behavior of isotopes in physiology has seen little consolidation due to the empirical nature of isotopic response. Elucidation of underlying mechanisms requires tightly controlled experiments with careful isotop Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1794

URI: <http://hdl.handle.net/1813/3270> Visits: 18

AU: Peraki, Christina TI: Throughput Stability and Flows in Large-Scale Random Networks KW: throughput; flows; stability; multicommodity; networks; wireless; directional; antennas; capacity IssD: 2005-05-09 Pub: Publisher:

ABS: The rate of growth of the maximum stable throughput in large-scale random netw Collection: Theses and Dissertations (CLOSED)

File: final.pdf Desc: Description: Size: 385528

URI: <http://hdl.handle.net/1813/1168> Visits: 652

AU: Perrella, Andrew TI: Ballistic Electron Transport in Aluminum Oxide KW: Ballistic electron emission microscopy; aluminum oxide; hot electron scattering; magnetic tunnel junction; oxidation; scanning tunneling microscopy IssD: 2004-05-11 Pub: Publisher:

ABS: Aluminum oxide (alumina) is becoming an increasingly important material in high performance electronics. It is the insulator in magnetic tunnel junctions used for MRAM and may allow for the fabrication of solid state qubits based on Josephson junctions. In this thesis I have used ballistic electron emission microscopy (BEEM) to st Collection: Theses and Dissertations (CLOSED)

File: thesis.pdf Desc: Description: Size: 2625617

URI: <http://hdl.handle.net/1813/107> Visits: 809

AU: Pierson, Oliver TI: SPATIAL, TEMPORAL, AND HYDROLOGICAL VARIATIONS IN PHOSPHORUS RETENTION IN A LARGE CATTAIL WETLAND KW: Phosphorus; Biogeochemistry; Cattails; Hydrology; Spatial Variation; Temporal Variation; Wetlands; Irondequoit Bay; Lake Ontario IssD: 2004-05-11 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: Pierson_Thesis_May_11.pdf Desc: Description: Size: 35145485

URI: <http://hdl.handle.net/1813/108> Visits: 641

AU: Pivarski, James TI: A High-Precision Measurement of the Di-Electron Widths of the Upsilon(1S), Upsilon(2S), and Upsilon(3S) Mesons at CLEO-III KW: particle physics; Upsilon; di-electron width; Gamma_ee; decay rate; non-perturbative QCD; Strong

nuclear; Cornell potential; bottom quark; beauty quark; bottomonium; unquenched Lattice QCD IssD: 2006-03-10 Pub: Publisher:

ABS: The di-electron width of an Upsilon meson is the decay rate of the Upsilon into an electron-positron pair, expressed in units of energy. We measure the di-electron width of the Upsilon(1S) meson to be $1.252 \pm 0.004 \pm 0.019$ keV (the first uncertainty is statistical and the second is systematic), the di-electron width of the Upsilon(2S) to be $0.581 \pm 0.004 \pm 0.009$ keV and that of the Upsilon(3S) to be $0.413 \pm 0.004 \pm 0.006$ keV. We determine these values with better than 2% precision by integrating the Upsilon production cross-section from electron-positron collisions over their collision energy. Our incident electrons and positrons were accelerated and collided in the Cornell Electron Storage Ring, and the Upsilon decay products were observed by the CLEO-III detector. The di-electron widths probe the wavefunctions of the Strongly-interacting bottom quarks that constitute the three Upsilon mesons, information which is especially interesting to check high-precision Lattice QCD calculations of the nuclear Strong force. Collection: Theses and Dissertations (CLOSED)

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URI: <http://hdl.handle.net/1813/2672> Visits: 462

AU: Pleasant, Andrew TI: Public engagement with health research: Development of knowledge and attitude scales KW: health research; public engagement with health research; public understanding of science; health literacy; knowledge measurement; attitudinal scale; utilisation of health research; scale development; international health research; public health; health communication; health education; health promotion; social interventions for health IssD: 2004-11-29 Pub: Publisher:

ABS: This dissertation reports on the development of two measures useful to help understand how health research does - and does not - get used by the public. This project is important for several reasons. First, most major advances in health since the beginning of the 20th century are due to the application of new knowledge and technologies such as immunizations and preventive medicine. Also, there is an ongoing shift in the burden of disease away from infectious diseases and toward chronic diseases requiring increased patient self-management as well as behavior and lifestyle changes. Finally, a continuing emergence of self-care protocols as basic treatment practices combined with cutbacks in health services compound the need for a public that i Collection: Theses and Dissertations (CLOSED)

File: Pleasant_dissertation_final.pdf Desc: Description: Size: 566387

URI: <http://hdl.handle.net/1813/213> Visits: 774

AU: Porret, Naomi Azur TI: REALTIME PCR SYSTEMS TO MONITOR YEASTS IN GRAPE MUST AND WINE KW: realtime PCR; spoilage yeasts; Brettanomyces IssD: 2005-12-20 Pub: Publisher:

ABS: The quality of beverages, particularly wine, depends largely on their microflora. Yeast and bacterial fermentations shape the product flavor profile, and can cause spoilage. Current detection methods for microorganisms are usually either inaccurate, slow, or both. In this project, realtime PCR systems were designed to t Collection: Theses and Dissertations (CLOSED)

File: Dissertation_Porret.pdf Desc: Description: Size: 768004

URI: <http://hdl.handle.net/1813/2554> Visits: 452

AU: Porter, Katherine TI: SUBDUCTION ZONE-TO-MANTLE FLUXES OF TRACE ELEMENTS AT INTRAOCEANIC MARGINS AND IMPLICATIONS FOR MANTLE EVOLUTION KW: mantle evolution; kappa conundrum; Pb paradox; HIMU; EMII; EMI IssD: 2005-07-21 Pub: Publisher:

ABS: Chemical and isotopic anomalies in mantle-derived rocks have been explained by invoking the presence of recycled oceanic crust (i.e., material of crustal origin that is incorporated into the mantle at subduction zones) in their mantle sources. Differences between the chemical and isotopic characteristics of the ingoing slab material and those of the inferred slab-derived mantle reservoirs have been attributed to processes within the subduction zone that alter the composition of the ingoing slab. However, there have been few studies that have specifically examined the composition of residual slab material to determine the effects of subduction zone processing. I used a mass-balance approach to calculate residual slab compositions at nine intraoceanic subduction zones. I calculated residual slab trace element ratios and modern isotopic characteristics of ancient subducted slabs in order to examine the feasibility of mantle evolution models that posit a major role for subducted slabs. Using my calculated residual slab compositions, I was unable to reproduce the chemical and isotopic characteristics of the mantle that have been attributed to the incorporation of recycled crustal material. Modifications to my model to account for variations in mantle wedge composition and in crustal addition rates do not significantly alter these conclusions. My results therefore indicate that subduction zone processing alone is probably insufficient to produce the chemical and isotopic characteristics of inferred mantle reservoirs.

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File: thesis1007.pdf Desc: Description: Size: 5542848

URI: <http://hdl.handle.net/1813/2100> Visits: 500

AU: Principe, Nicholas TI: The feeding dynamics of out-migrated age-0 chinook salmon (*Oncorhynchus tshawytscha*) in Lake Ontario KW: chinook salmon; diet; growth; daily ration; *Oncorhynchus tshawytscha*; Lake Ontario IssD: 2005-03-07 Pub: Publisher:

ABS: The purpose of this study was to examine gastric evacuation, feeding chronology, daily ration, growth, diet, and prey selectivity of recently out-migrated young-of-the-year (YOY) chino Collection: Theses and Dissertations (CLOSED)

File: Principe_Final_Thesis.doc Desc: Description: Size: 4204032

URI: <http://hdl.handle.net/1813/633> Visits: 806

AU: Provine, John TI: Optical Micro-Electro-Mechanical Systems for Add/Drop Multiplexing and Infrared Spectroscopy KW: MEMS; optics; WDM; telecommunications; spectroscopy; optical MEMS IssD: 2005-01-05 Pub: Publisher:

ABS: Wide ranging efforts in Collection: Theses and Dissertations (CLOSED)

File: dissertation.pdf Desc: Description: Size: 4998462

URI: <http://hdl.handle.net/1813/243> Visits: 798

AU: Qian, Lichuan TI: THREE-DIMENSIONAL CULTURE OF FETAL LIVER CELLS KW: hepatocytes; tissue engineering IssD: 2006-04-24 Pub: Publisher:

ABS: This thesis explored the influence of culture environment on proliferation and hepatic differentiation of fetal liver cells. Specifically, signals provided by soluble factors and culture substrates were examined. Comparison of a variety of culture medium conditions suggested that hepatocyte growth factor (HGF) is required throughout the culture period to induce the differentiation of liver stem cells into

hepatic precursors, and to ensure the continual proliferation of stem cells and their progeny. On the other hand, timing of the addition of maturation-inducing factors such as oncostatin M (OSM) determines the kinetics of cell maturation. In the presence of HGF, adding OSM from the beginning results in concurrent growth and differentiation. In addition, the constant presence of protective agents such as ascorbic acid helps to enhance cell survival, leading to improved cell expansion and hepatocyte functions. Based on these findings, a modified culture medium was developed to achieve both optimal growth and differentiation. Cell expansion in this medium was about 2 fold of that under other tested conditions, whereas the specific albumin secretion rate was 2 - 3 times of the maximal values obtained with other conditions. Subsequently, characterization of fetal liver cells cultured on a variety of three-dimensional (3D) scaffolds, including decellularized liver matrices, collagen scaffolds, and poly(lactic-co-glycolic acid) (PLGA) scaffolds, showed that the cellular responses to soluble signals are modulated by culture substrates. Experiments using scaffolds prepared from blends of PLGA(50:50) and polycaprolactone (PCL) further suggested that cell expansion requires rigid and porous scaffolds, whereas differentiation is enhanced on more pliable substrates. Together, these results demonstrated that the in vitro behavior of fetal liver cells is regulated by both the soluble and physical cues present in their microenvironment. Furthermore, cell growth and differentiation are influenced not only by the regulatory factors that are present, but also by the timing of their addition. These findings would help to develop a culture system that employs dynamic integration of biochemical and substrate-related signals to control the growth and differentiation kinetics of fetal liver cells. They may also provide a foundation for developing technologies for applications of other liver stem cells and progenitors. Collection: Theses and Dissertations (CLOSED)

File: Lichuan Thesis vs8PDF.pdf Desc: Description: Size: 2157297

URI: <http://hdl.handle.net/1813/2868> Visits: 180

AU: Ream, Geoffrey TI: Contextual Mediators between Adolescent Sexuality and Negative Outcomes KW: IssD: 2005-04-06 Pub: Publisher:

ABS: These three papers form an argument that youths' sexual behavior and sexual-minority orientation are associated with negative outcomes of alcohol use, depression, and suicide via negative changes in perceived contextual support. They employ data from the first two waves of the National Longitudinal Survey of Adolescent Health (collected 1995 & 1996, Wave I N = 18,924, Wave II N = 18,924) Collection: Theses and Dissertations (CLOSED)

File: Dissertation Formatted 4-6.pdf Desc: Description: Size: 488246

URI: <http://hdl.handle.net/1813/677> Visits: 666

AU: Reichman, Daniel Ross TI: Broken Idols: Migration, Globalization, and Cultural Change in Honduras KW: Honduras; anthropology; emigration; coffee; globalization; evangelical religion; fair trade IssD: 2006-02-06 Pub: Publisher:

ABS: This is an ethnographic study of a coffee-growing community in Honduras, which was in the midst of a transition to economic reliance on migration to the United States from 2001 to 2004, when field research was conducted by the author. The author focuses on the origins and contemporary dynamics of Honduran emigration, and explores the impact of emigration on local society and culture. He argues that migration has led to a profound sense of confusion within a single community, identified by the pseudonym of "La Quebrada." In this town, migration is generally

described in negative terms, and migrants are often seen as the ca Collection: Theses and Dissertations (CLOSED)

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URI: <http://hdl.handle.net/1813/2636> Visits: 368

AU: Rice, Elizabeth TI: Conservation and Change: A Comparison of In-situ and Ex-situ Conservation of Jala Maize Germplasm in Mexico KW: genetics; conservation; Zea mays; agriculture; SSR; genetic diversity; microsatellite IssD: 2004-07-26 Pub: Publisher: ABS: Conservation of agricultural genetic diversity is necessary as a source of variation for breeding and selection efforts. Traditionally, conservation efforts focus on the maintenance of diversity both in genebanks (ex-situ) and on farm (in-situ). This study takes an interdisciplinary approach to understanding in-situ and ex-situ conservation of Jal Collection: Theses and Dissertations (CLOSED)

File: Elizabeth Rice.pdf Desc: Description: Size: 4245528

URI: <http://hdl.handle.net/1813/156> Visits: 549

AU: Rippke, Ian TI: Design of Integrated, Efficient Power Amplifiers for Next-Generation Wireless Communications KW: power amplifier; wireless IssD: 2004-12-20 Pub: Publisher:

ABS: An integrated power amplifier and DC-DC converter are presented to create a variable supply voltage power amplifier to improve battery life in cellular handsets. This system has the ability to reduce the average battery current drawn by a handset power amplifier by operating at lower supply voltages when not transmitting at maximum power. This type of system has not been adopted because of the need for additional circuitry when used with traditional power amplifier modules. To be attractive to system designers, advanced power amplifiers need to exhibit the integration that has been seen in modern radio receivers. In this work, SiGe BiCMOS technology is harnessed to achieve the integration of both circuits on one die, presenting a solution to the de Collection: Theses and Dissertations (CLOSED)

File: IR_thesis_final.pdf Desc: Description: Size: 3446453

URI: <http://hdl.handle.net/1813/233> Visits: 880

AU: Rodriguez, Marie Christine TI: Effects of Differential Arithmetic Practice on Children's Solutions of Mathematical Word Problems KW: mathematics; word problems; problem solving; arithmetic practice IssD: 2004-07-30 Pub: Publisher:

ABS: Word problems are difficult. Although children eventually master computational skills, problem solving skills remain poor through adulthood. Two different types of manipulations were attempted to affect rates of successful word problem solution. First we made changes to the word problems themselves to make them more comprehensible for students, and therefore easier to solve. Second, students were given one of two types of arithmetic practice and were compared with a third group of students who received no additional practice to determine whether such practice could as Collection: Theses and Dissertations (CLOSED)

File: Rodriguez_Dissertation.pdf Desc: Description: Size: 367030

URI: <http://hdl.handle.net/1813/166> Visits: 949

AU: Rojo, Juan TI: REPRESENTING HISTORY: NEGATIVE HISTORICAL DISCOURSES IN MEXICAN NARRATIVE AFTER TLATELOLCO KW: Tlatelolco; Negativity IssD: 2006-05-05 Pub: Publisher:

ABS: On October 2,1968, preceding the Summer Olympic Games in Mexico City, a peaceful protest was held at the Plaza de las tres culturas in Tlatelolco which ended with the violent intervention of the Mexican Army. Following the massacre, the state controlled media downplayed the magnitude of the events and instead focused on the upcoming Olympic Games. Thirty-five years after the fact, much of the information regarding the massacre remains classified and the governm Collection: Theses and Dissertations (CLOSED)

File: Diss-Rojo.pdf Desc: Description: Size: 291350

URI: <http://hdl.handle.net/1813/2981> Visits: 196

AU: Rompala, Kevin Robert TI: Dynamics of Three Coupled Van Der Pol Oscillators With Application to Circadian Rhythms KW: coupled nonlinear oscillators; circadian rhythms; van der Pol oscillator; biological models IssD: 2006-03-03 Pub: Publisher:

ABS: In this thesis we study the dynamics of the in-phase mode for a system of three coupled van der Pol oscillators. Two of the oscillators are taken to be identical and coupled indirectly via a third oscillator whose natural frequency may vary. We use the singular perturbation method known as two-variable expansion to obtain a slow-flow, which is then analyzed using the computer algebra system MACSYMA. We find analytical representations for saddle-node and Hopf bifurcation curves in the parameter space and ex Collection: Theses and Dissertations (CLOSED)

File: masters_thesis.pdf Desc: Description: Size: 619438

URI: <http://hdl.handle.net/1813/2664> Visits: 502

AU: Rosenstein, Judith TI: A Theory of Intergroup Antagonism KW: IssD: 2004-09-17 Pub: Publisher:

ABS: The primary purpose of this paper is to present a macro-structural theory predicting which groups in a society will be antagonistic towards which other groups, with an eventual aim of understanding why certain societies experience one type of antagonism, while other, apparently similar societies do not. Drawing on many methods of interpreting conflict, the theory argues that intergroup antagonism is caused by a threat that is generated by a change in the level of interaction or stratification within the society. Interaction and stratification also predict the groups involved in antagonistic behavior. Collection: Theses and Dissertations (CLOSED)

File: Thesis submission -- Judy 7-20-04.pdf Desc: Description: Size: 219375

URI: <http://hdl.handle.net/1813/192> Visits: 653

AU: Roth, Martin TI: Termite: A Swarm Intelligent Routing Algorithm For Mobile Wireless Ad-Hoc Networks KW: Swarm Intelligence; Mobile Wireless Ad-Hoc Network IssD: 2005-01-04 Pub: Publisher:

ABS: A biologically inspired algorithm is presented to route messages in mobile wireless ad-hoc networks. Such computer networks are primarily characterized by their quickly changing topologies due to frequent node mobility. The principles of swarm intelligence are used to define a probabilistic algorithm for which routing through paths of maximum utility is an emergent property. This adaptive algorithm, dubbed *Termite*, uses stigmergy to reduce the amount of control traffic needed to maintain performance. Strong routing robustness is achieved through the use of multiple paths; each packet is routed randomly and independently. Once the basic operation of Termite is verified, alternative metric estimation techniques are tested via simulation. Optimal system parameters are selected by testing over orders of

magnitude. A simple analytical model is built in order to explain the simulation results. The model also used to propose two heuristics for determining the optimal pheromone decay rate. All of the enhancements to Termite, now known as *ReTermite*, are consolidated and tested against Ad-hoc On-demand Distance Vector (AODV), a leading ad-hoc routing algorithm. *ReTermite* is shown to be superior in many primary metrics and the reasons for this explained. Previous heuristic models are also compared to simulation results. Collection: Theses and Dissertations (CLOSED)

File: thesis2.pdf Desc: Description: Size: 2950650

URI: <http://hdl.handle.net/1813/240> Visits: 841

AU: Rothenbuehler, Joerg TI: Dependence Structures beyond copulas: A new model of a multivariate regular varying distribution based on a finite von Mises-Fisher mixture model KW: Multivariate Extreme Value Theory; Multivariate regular variation; Spectral Measure; Finite Mixture Model IssD: 2004-12-17 Pub: Publisher:

ABS: A multivariate regular varying distribution can be characterized by its marginals and a finite measure on the unit sphere. That Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1805

URI: <http://hdl.handle.net/1813/230> Visits: 760

AU: Roy, Sonali TI: The Emerging Economy-Industrial Complex KW: Exports; Growth; Biotechnology; Emerging Markets IssD: 2005-12-09 Pub: Publisher:

ABS: This Masters Thesis is a synth Collection: Theses and Dissertations (CLOSED)

File: SonaliRoyThesis.pdf Desc: Description: Size: 371280

URI: <http://hdl.handle.net/1813/2541> Visits: 379

AU: Rymarquis, Linda TI: Nucleus-encoded Factors Involved in 5' and 3' Processing of Chloroplast Transcripts in *Chlamydomonas reinhardtii* KW: Chloroplast; RNA processing; *Chlamydomonas* IssD: 2006-02-20 Pub: Publisher:

ABS: Chloroplast RNA maturation and degradation are regulated by nucleus-encoded factors that interact with sequences and structures within the RNA. Although several transcript-specific factors have been identified, those involved globally in RNA metabolism, apart from ribonucleases, have mostly remained elusive. Three pleiotropic nuclear mutations, *mcd3*, *mcd4*, and *mcd5*, appear to affect this global RNA metabolism, since they impact 5' end and 3' end maturation of two or more chloroplast transcripts in *Chlamydomonas reinhardtii*. These mutants were initially isolated as photoautotrophic suppressors of the 5' UTR mutations LS2 and LS6, which destabilized *petD* transcripts, but analysis of transcripts from 32 chloroplast genes showed that *mcd3* and *mcd4* displayed altered RNA transcript patterns for 17 genes, whereas three were altered in *mcd5*. The transcript patterns observed in *mcd3*, *mcd4*, and *mcd5* are consistent with defects in endonucleolytic cleavage. Since the role of endonucleolytic cleavage in *atpB* 3' maturation has been well characterized, a series of reporter strains containing the ectopically-expressed *atpB* processing determinant, which consists of an inverted repeat and endonuclease cleavage site (ECS), were used to further evaluate the role of *mcd4* in endonucleolytic cleavage as well as the sequences with which it might interact. These experiments suggested that *mcd4* suppresses endonucleolytic cleavage involved in *atpB* 3' maturation, and that it is involved in endonucleolytic cleavages that initiate degradation. *MCD4* likely interacts with the inverted repeat, the ECS CCand/or nucleotides 15-39 downstream of the ECS in facilitating this 3' maturation. To further

characterize the role of MCD3, MCD4, and MCD5, a series of map-based cloning tools and methods were generated. Using these methods, MCD4 has been isolated to a 1,300 kb region and candidate gene analysis is underway. Taken together, these studies suggest that MCD3, MCD4, and MCD5 may be components of multiprotein complexes responsible for RNA maturation and degradation in Chlamydomonas chloroplasts that are recruited by gene-specific proteins such as MCD1, or RNA sequences and structures such as those found for atpB. Collection: Theses and Dissertations (CLOSED)

File: LRthesis.pdf Desc: Description: Size: 5290837

URI: <http://hdl.handle.net/1813/2645> Visits: 365

AU: Sapra, Amar TI: On the Behavior of Price in a Supply Chain Market for Capacity
KW: Supply Chain; Market for Capacity; Price Behavior; Stochastic Control IssD: 2004-07-06 Pub: Publisher:

ABS: We are interested in the concept of dynamic pricing of production capacity in a supply chain and in particular, understanding how the supply chain structure might affect the volatility of capacity prices. We find that supply chains with high c Collection: Theses and Dissertations (CLOSED)

File: Thesis.pdf Desc: Description: Size: 742713

URI: <http://hdl.handle.net/1813/135> Visits: 763

AU: Sasikumar, Karthika TI: Regimes At Work: The Nonproliferation Order And Indian Nuclear Policy
KW: nuclear; international relations; india IssD: 2006-05-04 Pub: Publisher:

ABS: This thesis claims that by constituting a certain range of possible identities for countries, the nuclear nonproliferation regime facilitated India's forging of non-weaponized nuclear deterrence and its decision to go 'formally nuclear' in 1998. The regime's definition of the nuclear problem and its categorization of states into Nuclear Weapon States (NWS) and Non-Nuclear Weapon States (NNWS) structured the threat environment facing India. India responded with a deterrence posture that both violated and employed the regime's norms. Its 1974 'Peaceful Nuclear Explosion' for instance, played on the regime's identification of a nuclear test with the possession of weapons, while challenging its attempt to restrict nuclear knowledge. The regime also served as a resource for actors within India who were advocates for the nuclear program. In 1974, domestic and international audiences were reminded of the developmental promise of nuclear power. By the end of the century, the strategic space that India had occupied between the categories of NWS and NNWS was rapidly shrinking. Perceiving a window of opportunity, India resorted once again to nuclear testi Collection: Theses and Dissertations (CLOSED)

File: Karthika_thesis.pdf Desc: Description: Size: 1951919

URI: <http://hdl.handle.net/1813/2954> Visits: 212

AU: Schmidt, Anneliese TI: INVESTIGATION OF NEW CHEVREL PHASE COMPOUNDS FOR IMPROVED EFFICIENCY OF THERMOELECTRIC POWER GENERATION DEVICES
KW: thermoelectric; chevrel phase; power generation device IssD: 2005-08-03 Pub: Publisher:

ABS: In the search for im Collection: Theses and Dissertations (CLOSED)

File: thesis.pdf Desc: Description: Size: 2597127

URI: <http://hdl.handle.net/1813/2119> Visits: 535

AU: Schmidt, Joshua TI: Orthorhombic Gamma-Brasses in the Pd-Cd System: Their Long c Axis and Composite Crystal Description, Chemical Twinning and Atomic Site Preferences. KW: Gamma-Brass; Incommensurate Structures IssD: 2005-09-28 Pub: Publisher:

ABS: This dissertation presents single crystal studies of Pd₂₁₃Cd₇₈₇ and Pd₂₃₅Cd₇₆₅, synchrotron powder studies of Pd_{1-x}Cd_x, 0.755 x $= 0.800$, and LDA-DFT and extended Hückel (eH) calculations on these or related phases. The two single crystal structures have a, b, and c axis lengths of respectively 9.9013, 14.0033, 37.063 and 9.9251, 14.0212, 60.181 angstroms. Their structures are in respectively Cmc2 and F2mm (solved as (3+1)-dimensional crystals their most convenient superspace group is Xmmm00gamma)s00). The structures have two different structural components each with their own separate axis parameters. Powder data shows that the ratio of these separate axes, S/L, varies from 1.615 to 1.64, values near the golden mean (1.618). For Pd₂₁₃Cd₇₈₇, different Pd and Cd site occupancies lead to variation in the R-factor from 2.6-3.6%. The site occupancy pattern with the lowest R-factor (among the 26,820 variants studied) is the exact site occupancy pattern predicted by LDA-DFT parameterized eH Mulliken charge populations. The phases can be understood through a chemical twinning principle found in gamma-brass, the parent structure for the above phases (a relation with the MgCu₂ Laves phase is also noted). This twinning principle can be used to account for Cd and Pd site preferences. At the same time there is a clean separation among the Cd and Pd atoms for the two separate chain types at height b=0 and 1/2. These results indicate that

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File: thesis.pdf Desc: Description: Size: 9348200

URI: <http://hdl.handle.net/1813/2205> Visits: 483

AU: Schroeder, Mathis TI: A Detailed Analysis Of The Premium Variation In The Market For Medicare Supplemental Insurance KW: Premium Variation; Homogenous Goods; Search Costs; Medigap IssD: 2006-07-17 Pub: Publisher:

ABS: Medicare guarantees health insurance coverage for any person 65 or older. However, Medicare coverage is not complete and the additional costs are substantial: for example, the hospital deductible for part A is \$956 and the part B deductible amounts to \$123 in 2006. The elderly can insure against these financial risks by obtaining supplemental insurance from different sources. A private market designed to cover the "gaps" in Medicare is known as the "Medigap" market. This market is regulated since 1992 by the Omnibus Budget Reconciliation Act of 1990. The law created markets with homogenous goods mainly by standardizing the policies that could be offered. Economic theory predicts that in a market for homogenous goods, there should be little or no price variation. However, premiums of Medigap policies c

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URI: <http://hdl.handle.net/1813/3287> Visits: 14

AU: Sebastian, John Thomas TI: Lewd Imaginings: Pedagogy, Piety, and Performance in Late Medieval East Anglia KW: Middle English literature; medieval drama; mysticism; lay piety; imagery IssD: 2004-08-02 Pub: Publisher:

ABS: This dissertation explores clerical and lay desires for spiritual teaching and learning at the end of the Middle Ages in England, desires that, while ostensibly contemplative, carried crucial ecclesiological, political, and literary implications. Where

these desires met stood the image of the unlearned lay person. This image has a history of its own; tracing it reveals many of the discourses and identities structuring late medieval society. The iconic lay person was a creature of imagination, feeling, and desire, not desire for theological proposition and dispute, but for a palpable relationship to God. Addressing that desire led in late medieval England to an astonishing increase in clerical awareness of the laity's spiri Collection: Theses and Dissertations (CLOSED)
File: DISSERTATION FINAL.pdf Desc: Description: Size: 1430478
URI: <http://hdl.handle.net/1813/168> Visits: 789

AU: Seroka, Mihail TI: The 42 Month War: Bayou Steel and the USWA's Coordinated Campaign KW: Union; Steel Minimill; USWA; Steelworkers; Bayou Steel; Labor IssD: 2005-04-08 Pub: Publisher:

ABS: This thesis examines how coordinated campaigns, conducted by labor organizations, affect strike outcomes. Recent changes in the industrial relations environment have forced unions to find new ways to exert pressure on employers beyond tradition collective bargaining and, in the event of impasse, withholding their labor. Many believe that corporate campaigns have the potential to change the ways labor struggles are waged and their results. These campaigns are characterized by diversity, but past ones have included actions targeted at the company's owners, creditors, customers, and suppliers. Others have focused on the firm's health, safety, or environmental record with the Collection: Theses and Dissertations (CLOSED)
File: MDSThesis.pdf Desc: Description: Size: 888765
URI: <http://hdl.handle.net/1813/704> Visits: 686

AU: Shume, Esayas TI: The Equatorial Electrojet: Radar Observations and Modeling KW: IssD: 2006-06-28 Pub: Publisher:

ABS: This dissertation describes a theoretical, experimental, and modeling investigation of the equatorial electrojet. We review low latitude ionospheric current models, synthesizing developments from the early times until the present. We then show how to utilize equatorial electrojet irregularities to infer E region electron density and wind profiles from coherent scatter radar experiments. The procedure involves a numerical model of the equatorial ionosphere that relates the ve Collection: Theses and Dissertations (CLOSED)
File: license.txt Desc: Description: Size: 1798
URI: <http://hdl.handle.net/1813/3234> Visits: 79

AU: Siemens, Tania Juniper TI: IMPACTS OF THE INVASIVE GRASS SALTWATER PASPALUM (PASPALUM VAGINATUM) ON AQUATIC COMMUNITIES OF COASTAL WETLANDS ON THE GALAPAGOS ISLANDS, ECUADOR. KW: Galapagos Islands, lagoons, flamingo, Phoenicopterus ruber glyphorhynchus, Ramsar treaty, non-native, invasive plants, impacts, Paspalum vaginatum, saltwater paspalum, fiddler crabs, Uca galapagensis, coastal wetlands, invertebrate communities, water birds, Trichocorixa reticulata IssD: 2005-12-21 Pub: Publisher:

ABS: Invasive plants species pose a threat to ecosystem function, and island ecosystems are particularly vulnerable to their impact. The grass saltwater paspalum (Paspalum vaginatum) has successfully invaded Galapagos Islands, potentially threatening coastal lagoons and their globally significant avifaunal biodiversity. I conducted two studies to assess potential changes in invertebrate population Collection: Theses and Dissertations (CLOSED)

File: Siemens_Tania_Masters_Thesis.pdf Desc: Description: Size: 2607196
URI: <http://hdl.handle.net/1813/2556> Visits: 485

AU: Sirkeci, Birsen TI: Distributed Cooperative Communication in Large-Scale Wireless Networks KW: cooperative communication; distributed protocols IssD: 2006-07-19 Pub: Publisher:

ABS: Cooperative com Collection: Theses and Dissertations (CLOSED)

File: BirsenSirkeciPhDDissertationfinal.pdf Desc: Description: Size: 1470884

URI: <http://hdl.handle.net/1813/3294> Visits: 2

AU: Smith, Steven D. TI: Information quantity, information consistency, and the confidence of unsophisticated investors KW: Information quantity; Information consistency; Investor confidence; Investor sophistication IssD: 2005-04-06 Pub: Publisher:

ABS: Advances in technology, as well as regulatory and legislative actions (e.g., Regulation Fair Disclosure, Sarbanes-Oxley, new NYSE and NASDAQ requirements) have led to an increase in the quantity of information available to the public. In this dissertation, I describe two experiments that examine the effects of information quantity and consistency (holding information quality constant) on the judgments and trading behavior of unsophisticated investors. I find that increasing the quantity and the consistency of information causes unsophisticated investors to show greater confidence and trading aggressiveness. This relation is not explained by an increase in cognitive effort, suggesting a direct effect of information quantity on confidence. The effect of increased quantity reduces investors' expected and actual wealth in simulated experimental markets, while the effect of consistency on wealth depends on whether the additional, low-quality signals are consistent or inconsistent with the high-quality signal investors receive. Results highlight possible negative consequences of increased disclosure, and suggest directions for future experimental and archival research. Collection: Theses and Dissertations (CLOSED)

File: Final Draft 4-1.pdf Desc: Description: Size: 1045828

URI: <http://hdl.handle.net/1813/679> Visits: 812

AU: Sontag, Timothy TI: ENZYMATIC REGULATION OF VITAMIN E STATUS: IDENTIFICATION AND CHARACTERIZATION OF THE NOVEL TOCOPHEROL-OMEGA-HYDROXYLASE PATHWAY OF VITAMIN E CATABOLISM KW: Vitamin E; Tocopherol; Cytochrome P450; CYP4F2; CEHC IssD: 2002-07-12 Pub: Publisher:

ABS: Tocopherols and tocotrienols all possess to varying levels the vitamin E activity of alpha-tocopherol, the most bioactive form of the vitamin in vivo. alpha-Tocopherol is the most abundant vitamer in vivo, potentially explaining its higher bioactivity. This is despite higher dietary levels of other vitamers. The preferential retention of alpha-tocopherol appears to be at the level of elimination. Urinary metabolites of tocopherols, with the phytyl tail truncated to a three-carbon carboxylated moiety, were reported previously. The goal of this work was to elucidate the pathway(s) by which these metabolites are formed. Incubations of tocopherols in hepatocyte culture produced all expected intermediates in the predicted pathway of catabolism of vitamin E. This pathway involves omega-hydroxylation of a terminal methyl group of the phytyl tail, followed by step-wise removal of two or three carbon units by a omega-oxidation mechanism. Analysis of microsomal enzyme activity led to the elucidation of CYP4F2 as the major P450 involved in the initial omega-hydroxylation reaction. Substrate-

specificity of this enzyme was high, with activity toward gamma-tocopherol being 10-fold greater than toward alpha-tocopherol. Sesamin, known to raise plasma gamma-tocopherol to levels near those of alpha-tocopherol in vivo, was a potent inhibitor of this enzyme. Together, these data supported the hypothesis that the omega-oxidation pathway is involved in the synthesis of gamma-tocopherol.
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File: Timothy Sontag Dissertation.pdf Desc: Description: Size: 665097

URI: <http://hdl.handle.net/1813/195> Visits: 483

AU: Spitz, Laura M. TI: When Constitutions Collide: North American Free Trade, Economic Globalization and Transnational Integration KW: law; international trade; NAFTA; international law; transnational law; human rights; norm harmonization; Canada-U.S. relations IssD: 2006-01-06 Pub: Publisher:

ABS: Attached as a file. Collection: Theses and Dissertations (CLOSED)

File: ABSTRACT final.doc Desc: Description: Abstract Size: 23552

URI: <http://hdl.handle.net/1813/2605> Visits: 473

AU: Stephen, Shaw TI: A Simple, Physical Model of Particulate Wash-off from Impervious Urban Surfaces KW: non-point source pollution; impervious surfaces IssD: 2005-03-15 Pub: Publisher:

ABS: Particulate matter "washed-off" of impervious surfaces constitutes a large portion of urban nonpoint source pollution. However, current water quality models rely on empirical functions of particulate wash-off that do not meaningfully describe the physical mechanisms involved. In this paper, we investigate the physical mechanisms of rain-flow transportation (Moss et al. 1979), raindrop induced particle ejection that occurs in shallow flows on moderate slope. Rain-flow transport involves the interaction of both rainfall impact and overland flow, in contrast to the overland flow-dominated, shear-driven part
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File: FinalThesis_3.15_.pdf Desc: Description: Size: 371778

URI: <http://hdl.handle.net/1813/643> Visits: 758

AU: Steven Michael Finckbeiner TI: PARTIAL CHARACTERIZATION OF COYPU SCENT GLAND COMPOUNDS KW: nutria, chemical communication, scent marking, farnesene, coypu IssD: 2005-08-01 Pub: Publisher:

ABS: Coypu are invasive rodents that are ravaging wetlands across their introduced range. Coypu have a sexually dimorphic (male larger) anal gland (AG) used in scent marking behavior. Using GC-MS, this study looked for a similar dimorphism in compounds produced by the AG. Male AG extract contained 15 compounds. Of the 15 compounds, 6 are fatty acids of known structure. Nine of the compounds are partially characterized farnesene isomers. Each male AG chromatograph had the same compounds present, but in differing proportions. This suggests that coypu can use AG secretion to identify individual males. Such knowledge of compounds used in coypu chemical communication could be useful in developing coypu-specific attractants. The second part of this study used a computer program to identify individual coypu by marking and matching whisker-insertion patterns. It was found that whisker insertion pattern can be used as a "fingerprint" to aid in the photographic identification of individual coypu.
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File: steven finckbeiner MS thesis v3.pdf Desc: Description: Size: 3992574

URI: <http://hdl.handle.net/1813/2113> Visits: 600

AU: Steven, Matthew D TI: Non-Migratory Bioactive Packaging: Covalent attachment of bioactive peptides to poly(ethylene) food packaging films KW: food packaging; active packaging; enzyme immobilization; antimicrobial packaging; surface modification; poly(ethylene) IssD: 2004-05-11 Pub: Publisher:

ABS: Non-migratory bioactive packaging is a novel form of active packaging. It is packaging which elicits a desirable biological response from food systems without the active component migrating from the packaging into the food. Possible applications for this include in-package enzymatic processing and non-migratory antimicrobial packaging. Poly(ethylene glycol) (PEG) oligomers were covalently attached by one end to surface-oxidized poly(ethylene) (PE) films using carbodiimide coupling; bioactive peptides were covalently linked to the free terminus of the PEG chains using the same reaction. Reactions were confirmed and monitored through contact angle measurements, dye adsorption assays, x-ray ph Collection: Theses and Dissertations (CLOSED)

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URI: <http://hdl.handle.net/1813/109> Visits: 812

AU: Stuhmiller, Jacqueline TI: The Hunt in Romance and the Hunt as Romance KW: Hunting in literature; Hunting--Europe--History; Romances--English; Popular literature--England; Hunting--Early works to 1800; Literature, Medieval IssD: 2005-01-04 Pub: Publisher:

ABS: This dissertation examines the English and French late medieval hunting manuals, in particular Gaston Phebus' Livre de chasse and Edward of Norwich's Master of Game. It explores their relationships with various literary and nonliterary texts, as well as their roles in the late medieval imagination, aristocratic self-image, and social economy. The medieval aristocracy used hunting as a way to imitate the heroes of chivalric romance, whose main pastimes were courtly love, arms, and the chase. It argues that manuals were, despite appearances, works of popular and imagination-stimulating literature into which moral or practical instruction Collection: Theses and Dissertations (CLOSED)

File: Chapter 1 Romance.pdf Desc: Description: Chapter 1 Size: 107441

URI: <http://hdl.handle.net/1813/239> Visits: 820

AU: Suh, Jean H. TI: THE CELL CYCLE REGULATORS, B-CELL TRANSLOCATION GENE 2 AND CYCLIN D1, ARE TARGETS FOR RETINOIC ACID RECEPTOR SIGNALING IN HUMAN MAMMARY CARCINOMA CELLS KW: IssD: 2005-11-11 Pub: Publisher:

ABS: Collection: Theses and Dissertations (CLOSED)

File: Jean's Thesis1.pdf Desc: Description: Size: 229635

URI: <http://hdl.handle.net/1813/2488> Visits: 487

AU: Taylor, Joie Chiana TI: Applications of Spectral Analysis to Hydrology and Chemical Transport KW: hydrology,environment,spetral analysis,fourier transform IssD: 2006-01-06 Pub: Publisher:

ABS: This dissertation investigates and describes several ways of using spectral analysis as a frequency domain approach for mathematical hydrological modeling. Hydrologists have used spectral analysis for modeling in the past in various ways. However, one of the novelties of this research is that it is a simplification of previous techniques, which involved acquiring information about several parameters. Many of

these parameters are time consuming to collect as data or are only estimated using intricate mathematical equations. In the first chapter the relationship between stream discharge and wetland water elevations in a watershed located in North Madison, CT was successfully modeled using exclusively independent measurements of discharge and wetland water elevations. This relationship was previously modeled using six parameters, three of which had to be estimated for their instantaneous behavior. Using the methods developed in this study conserved time and effort and produced the same results. The second chapter describes how to model discharge with measures of water table elevations in a runoff source area using the same techniques described in the first chapter. Using water table elevations across a lower part of the hillslope and in a near stream area of Townbrook watershed in the Catskills of New York, spectral analysis was used to determine the rate of water transport at these various locations and to successfully model stream discharge. The third chapter describes a method of using spectral analysis to determine chemical transport throughout a catchment area. Three watersheds were analyzed to describe a relationship between wet deposition and stream water concentrations of chloride (Cl) and nitrate (NO₃). Spectral analysis was also used to define a distribution of travel times associated with the transport of input concentrations of Cl, NO₃, ammonium (NH₄), total Phosphorus (TP), total dissolved phosphorus (TDP), total particulate phosphorus (TPP), soluble reactive phosphorus (SRP) suspended solids (SS), total kjeldahl nitrogen (TKN), and total organic carbon (TOC). All of these studies combined indicate that spectral analysis is a tool than can be of further use in many aspects of hydrology and in studies of water quality and chemical transport. Collection: Theses and Dissertations (CLOSED)

File: DISSERTATION.pdf Desc: Description: Size: 1867335

URI: <http://hdl.handle.net/1813/2606> Visits: 389

AU: Taylor, Masako TI: Leveraging Intercultural Work Relationships: A Study of Cultural Diversity, Perceptions and Leader-Member Exchange between Expatriate Managers and Host National Subordinates KW: Expatriate; Intercultural Work Relationship; Culture; LMX IssD: 2006-06-28 Pub: Publisher:

ABS: The purpose of the dissertation is to understand the positive and negative processes of intercultural work relationships between expatriate managers and host national subordinates. As such, the research question is: How does cultural diversity affect the quality of work relationships between expatriate managers and host national subordinates? To answer the question, ideas are drawn from the cultural diversity literature and leader-member exchange theory. Hypotheses are proposed that cultural diversity can positively and negatively relate to the quality of the work relationships depending on how it is perceived by the parties involved. Specifically, if cultural diversity is perceived as a source of dissimilarity, it leads to an affect-based process, negatively impacting the quality of the work relationships. If it is perceived as a valued resource, on the other hand, it leads to a resource-based process, positi Collection: Theses and Dissertations (CLOSED)

File: MSTaylor_Dissertation_June_27_2006.pdf Desc: Description: Size: 7862583

URI: <http://hdl.handle.net/1813/3233> Visits: 65

AU: Te Punga Somerville, Alice Anne TI: Nau te rourou, Nau te rakau: the Oceanic, Indigenous, Postcolonial and New Zealand comparative contexts of Maori writing in English KW: maori literature; indigenous; pacific; postcolonial; new zealand; comparison IssD: 2006-01-19 Pub: Publisher:

ABS: While there is increased academic interest in Maori writing in English, both inside and outside Aotearoa, little of the current scholarship has attended self-consciously to the issue of critical methodologies that pertain to this material. This dissertation explores, in theory and in practice, the comparative 'umbrellas' within which Maori texts are most often considered. Holding that a broad definition of what counts as a 'text' is crucial to Maori literary studies, I identify the intersections and disconnections of Maori writing with Oceanic, Indigenous, Postcolonial Collection: Theses and Dissertations (CLOSED)

File: arihia final diss jan 2006 lettersize.pdf Desc: Description: Size: 2593183
URI: <http://hdl.handle.net/1813/2621> Visits: 479

AU: Tennenbaum, Stephen TI: A Two-Sex, Age-Structured Population Model in Discrete-Time KW: population models; gender structured models; age structured models; discrete time models IssD: 2006-01-03 Pub: Publisher:

ABS: This work examines how the life history parameters effect the stable age distribution of the different classes and compares these results with the standard single sex model. The conditions necessary for a population projected forward in time to reach a stable age distribution is analyzed. The conditions for existence are dependent on the nature of the mating function, i.e. the rate at which the two sexes find each other and mate. In addition, the assumptions under which these mating functions are constructed have important implications for the dynamics of the population and ultimate age distribution, stable or not. An analysis of when including both sexes becomes essential to the understanding of reproductive strategies, examination of whether a population fulfils the necessary assumptions about mating to make certain statements about population growth, growth rates and relative fitness, and outlining an accessible approach to modeling the joint life histories will be of practical value. Toward this end, a framework for discrete-time two-sex models with age structure is developed. In addition a marriage (mating) function based on an analogy with foraging theory and preferences based on the predispositions of one age group for another is proposed. Some of the properties of these models and their solutions are also investigated. Collection: Theses and Dissertations (CLOSED)

File: age122405.pdf Desc: Description: Dissertation Size: 3274032
URI: <http://hdl.handle.net/1813/2597> Visits: 1224

AU: THAIRU, LUCY TI: ETHNOGRAPHY OF INFANT FEEDING IN SUB-SAHARAN AFRICA: CASE STUDIES IN THE CONTEXT OF HIV/AIDS AND NEWBORN CARE KW: nutrition; Breastfeeding; HIV/AIDS; infant; Newborn care; multi-dimensional scaling; Ethnography; Africa IssD: 2006-02-06 Pub: Publisher:

ABS: The three ethnographic case studies described in this dissertation provide a cultural description of breastfeeding behavior with respect to HIV/AIDS Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1802
URI: <http://hdl.handle.net/1813/2637> Visits: 407

AU: Thom-Santelli, Jennifer TI: Effects of a Multitouch Keyboard on Wrist Posture, Typing Performance and Comfort KW: gestural interface; alternative keyboard; human factors IssD: 2004-07-15 Pub: Publisher:

ABS: The design of computer keyboards is rapidly evolving as portable computing becomes increasingly ubiquitous due to wireless networking and the increased

popularity of personal digital assistants and notebook computers. However, there is a balance between mobility and productivity, in terms of text-entry accuracy and speed, which needs to be maintained as computer keyboards become smaller and slimmer through the introduction of ultra low-profile designs. In addition, the ergonomic benefits, in terms of the reduction of awkward wrist postures and us Collection: Theses and Dissertations (CLOSED)

File: jennfinal3.pdf Desc: Description: Size: 1420624

URI: <http://hdl.handle.net/1813/152> Visits: 785

AU: Thrasher, Seana Michele TI: The role of mast cells in rapid expulsion of *Trichinella spiralis* in the rat KW: *Trichinella spiralis*; mast cells IssD: 2006-06-27 Pub: Publisher:

ABS: The aim of this research was to test the hypothesis that immune complexes activate mucosal mast cells to cause rapid expulsion of the *Trichinella spiralis* from the rat intestine. Rapid expulsion is a phenomenon in the rat that is characterized by nearly complete elimination of a secondary infection. To test this hypothesis, mast cells were cultured from bone marrow precursors. These cells have a homogenous mucosal phenotype and were compared with the mucosal mast cell line, RBL-2H3 cells. Each cell type was assayed for binding and activation by parasite specific immune complexes. The results showed that IgE- and IgG2a-containing immune complexes bound and activated RBL-2H3 cells, but only IgE significantly activated bone marrow-derived mast cells (BMMC). IgG1 and IgG2b immune complexes bound both cells types but did not trigger degranulation. IgG2c did not bind mast cells. Because IgG2a-containing complexes activated RBL-2H3 cells in vitro and this isotype differed from other isotypes in its mechanism for induction of rapid expulsion, we investigated whether this isotype might activate mast cells in vivo. Rats infected with *Heligmosomoides polygyrus* then passively immunized with IgG2a demonstrated rapid expulsion without significant mucus entrapment of larvae. IgG2a-mediated protection was complement independent and Fc-dependent; however, no significant increase in RMCP-II release was detected during expulsion. These results are consistent with a role for other FcR-bearing cells in IgG2a-mediated protection. In a parallel investigation, confounding inflammatory factors induced by oral infection were eliminated by assaying rapid expulsion induced by parenteral infection. Protection conferred by parenteral immunization was as potent as that induced by natural infection was more robust than the *H. polygyrus* model. Parenterally infected rats did not display intestinal mastocytosis, eosinophilia, or goblet cell hyperplasia; however, mast cells were activated and mucus entrapment of larvae occurred at levels comparable to those observed in rats infected naturally. Complement was not necessary for protection mediated by parenteral immunization. Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1808

URI: <http://hdl.handle.net/1813/3231> Visits: 57

AU: Vaccaro, Lynn Ellise TI: Patterns, Mechanisms, and Ecological Implications of Cattail (*Typha* spp.) Dominance in Great Lakes Wetlands KW: plant species diversity; plant litter; ecological indicator; *Typha*; Great Lakes IssD: 2005-08-05 Pub: Publisher:

ABS: Many wetlands of the Great Lakes region are increasingly dominated by species of cattails, including the native *Typha latifolia*, the introduced *Typha angustifolia*, and their hybrid *Typha glauca*. Cattails are observed to form dense stands of live and dead biomass that may reduce plant diversity and compromise wetland habitat value.

Cattail expansion has been used as an indicator of environmental change in the Everglades, but a broad analysis of the distribution and impacts of the northern species has not been conducted. In this study, I examined the patterns of cattail distribution across the Great Lakes, explored one mechanism by which cattails attain dominance in several Lake Ontario wetlands, and experimentally measured the effect of catta

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File: Lynn_Thesis_ALL6.pdf Desc: Description: Size: 2523115

URI: <http://hdl.handle.net/1813/2133> Visits: 713

AU: Valdivia, Maria Vicenta TI: HYDROCHEMICAL MODELING OF DISSOLVED ORGANIC CARBON OF A SMALL, UNDISTURBED, OLD-GROWTH FORESTED WATERSHED IN SOUTHERN CHILE KW: dissolved organic carbon; DOC model; hydrology model; hydrochemical modeling; forest soils; undisturbed ecosystems; Chiloe; Chile; Arrhenius; Van't Hoff; Lloyd and Taylor; Boussinesq; temperature; soil moisture IssD: 2006-04-24 Pub: Publisher:

ABS: A simple, mechanistic hydrochemical model for DOC export was developed and tested for a small, old-growth forested watershed on the Chiloe island in southern Chile. Despite the important roles of DOC in both terrestrial and aquatic ecosystems, there are few tested watershed scale DOC models published to date and, in general, they have had modest success in reproducing observed stream DOC fluxes. The model developed here coupled a simple Boussinesq-type hydrological model of lateral subsurface flows from two soil layers and an Arrhenius-type model for DOC production in soil water. One unique aspect of this model is that DOC production is scaled to account for soil saturation. The streamflows were well simulated ($r^2=0.86$). Simulated stream water DOC concentrations also agreed well with observed values ($r^2=0.80$). Simulated soil water DOC concentrations were generally underestimated for the shallow soil layer and overestimated for the deep layer compared to observed values. Lysimeter sampling errors, lack of agreement between modeled and actual soil layers and the relative position of the lysimeters in the watershed are discussed as the possible causes of these deviations. In general, the model presented here captured the DOC stream water trends in this old-growth forest better than similar models used in other ecosystems. The simple structure of this DOC model may offer a good platform to gradually and accurately increase its intricacy, providing a better understanding of the inherent complexity of the processes regulating the carbon dynamics in forested ecosystems. Collection: Theses and Dissertations (CLOSED)

File: Thesis.final.pdf Desc: Description: Size: 679380

URI: <http://hdl.handle.net/1813/2862> Visits: 167

AU: Variano, Evan TI: QUANTITATIVE VISUALIZATION OF CARBON DIOXIDE GAS TRANSFER AT A TURBULENT FREE SURFACE KW: Gas Transfer; Turbulence; Carbon Dioxide; Quantitative Visualization; PIV; LIF IssD: 2005-06-20 Pub: Publisher:

ABS: We study the aqueous-phase side of the transfer of carbon dioxide gas across an air-water interface. Quantitative imaging techniques are used to directly visualize the physical processes which determine the average gas transfer rate. The interface is a free surface in the absence of mean shear, with turbulence generated on the water side, well away from the free surface, which then transports itself to the free surface. This turbulence is generated far beneath the free surface by an array of upward-pointing synthetic jets which are each driven according to independent random time series. We

show that this method of turbulence generation is superior to the traditional grid-stirred Collection: Theses and Dissertations (CLOSED)

File: Variano_Formatted_MS_12.pdf Desc: Description: Size: 2647450

URI: <http://hdl.handle.net/1813/1488> Visits: 674

AU: Venkataraman, Sriraman TI: ESSAYS ON STRUCTURAL ANALYSIS OF RETAIL COMPETITION USING CLASSICAL AND BAYESIAN ESTIMATION TECHNIQUES

KW: marketing; competition; dynamic; structural; retail; location; lodging; empirical; industrial organization IssD: 2005-01-03 Pub: Publisher:

ABS: The thesis is a collection of three essays on retail competition that are relevant to both the theory and practice of marketing. Essay 1, examines the role of price and category assortment on competition between EDLP (Every Day Low Price) format and HILO (Promotion) format retail stores. Policy experiments are conducted to study the strategic implications of 1) retail assortment reduction and 2) customized (household specific) coupons. The empirical analysis is conducted using a) household and store level scanner data and b) combination of hie Collection: Theses and Dissertations (CLOSED)

File: thesis.pdf Desc: Description: Size: 1621383

URI: <http://hdl.handle.net/1813/238> Visits: 718

AU: Vishwasrao, Harshad TI: Quantitative two-photon redox fluorescence microscopy of neurometabolic dynamics KW: spectroscopy; nadh; metabolism; brain; time-resolved IssD: 2004-12-13 Pub: Publisher:

ABS: The fluorescence of the intracellular electron donor reduced nicotinamide adenine dinucleotide (NADH) is a well established probe of cellular metabolic state. This technique, called redox fluorimetry, can be combined with two-photon microscopy to provide functional imaging deep in living neural tissue with a spatio-temporal resolution far exceeding that of conventional functional imaging techniques (e.g. fMRI, PET). This resolution offers a new opportunity to explore spatio-temporal heterogeneities in the response of neural tissue to stressors such as metabolic inhibition and activity induced metabolic load. These metabolic responses were found to differ between cell types in the brain (astrocytes and neurons) and between sub-cellular compartments (mitochondria and cytosol). The time course of compartmental responses revealed that transient hypoxia caused an NADH increase followed by a post-hypoxic mitochondrial NADH hyperoxidation and a cytosolic lactate accumulation. A similar analysis of the time course of electrical activity induced metabolic responses revealed that the metabolic cost of neural activity was first met by oxidative neuronal metabo Collection: Theses and Dissertations (CLOSED)

File: ThesisComplete.pdf Desc: Description: Size: 22532340

URI: <http://hdl.handle.net/1813/225> Visits: 829

AU: Volz, Erik TI: Random Networks with Tunable Degree Distribution and Clustering KW: Complex Networks IssD: 2004-12-15 Pub: Publisher:

ABS: We present an algorithm for generating random networks with arbitrary degree distribution and clustering (frequency of triadic closure). We use this algorithm to generate networks with exponential, power law, and poisson degree distributions with variable levels of clustering. Such networks may be used as models of social networks and as a testable null hypothesis about network structure. Finally, we explore the effects of clustering on the point of the phase transition where a giant component forms in a

random network, and on the size of the giant component. Some analysis of these effects is presented. Collection: Theses and Dissertations (CLOSED)

File: volzMastersThesis.pdf Desc: Description: Size: 469425

URI: <http://hdl.handle.net/1813/226> Visits: 738

AU: Volz, Erik McCullough TI: Topology and Dynamics of Complex Social Networks
KW: complex networks; social networks; mathematical epidemiology; sampling IssD: 2006-05-04 Pub: Publisher:

ABS: The problem of modeling complex social networks is considered from three perspectives: The problem of describing network topology; the problem of modeling dynamic processes on networks; and the problem of network sampling. These perspectives are highly complementary, each providing results with applications to one other. With respect to network topology, two main results are presented: An algorithm is presented capable of combining two measures of network structure, the degree distribution and the clustering coefficient. It is found that just two mechanisms are required to achieve any desired combination of these metrics-- network growth, combined with preferential attachment. Secondly, a mathematical model of one class of complex network, semi-random networks, is presented which is capable of elucidating the structure of semi-random networks in greater detail than had been achieved with previous models. Among other results, this theory allows one to calculate the expected number of neighbors at a given distance from a randomly chosen node, and to compute the mean path length inside the giant component. Network dynamics are investigated with a simple epidemic model, the SIR (Susceptible Infected Removed) model. A mathematical theory is presented for predicting epidemic incidence for SIR dynamics in semi-random networks. Finally, the problem of network sampling is considered. A probability based estimation theory is presented for Respondent Driven Sampling (RDS). The theory enhances RDS by offering greater analytical tractability, analytical variance estimation, and the estimation of means of continuous variables. Collection: Theses and Dissertations (CLOSED)

File: volz-cornellSociologyDissertation.pdf Desc: Description: Size: 1051124

URI: <http://hdl.handle.net/1813/2946> Visits: 152

AU: Wan, Bin TI: A DESIGN AND ANALYSIS OF HIGH PERFORMANCE VOLTAGE CONTROLLED OSCILLATORS
KW: VCO; Oscillator; Ring Oscillator; LC Oscillator; Voltage Controlled Oscillator IssD: 2006-05-19 Pub: Publisher:

ABS: The voltage controlled oscillator (VCO) is one of the most important building blocks in modern communication applications such as microprocessor clock generation, wired and wireless communications, system synchronization, and frequency synthesis. The design of high performance VCOs has been increasingly more important and still is an active research area. Research on VCOs for the past decade has been concentrated in the areas of higher frequency, lower phase noise, low power, low operating voltage, and increased tuning range. However many of these objectives can be only achieved at the expense of some other objectives. This thesis analyzes the design of high performance of inductor-capacitor (LC) tank and ring VCOs. First the basics of both LC and ring VCOs are reviewed. Then through the basics, new LC VCO topologies and circuit tricks are derived and analyzed. The design, simulation, and layout guidelines are also provided. Finally, the circuit techniques used in both regular and quadrature VCOs and simulation results of regular inductor and symmetric inductor designs are compared. Next, the several single-ended and differential ring VCO topologies are

reviewed and pros and cons for each type are provided. From the basic topologies, a new ring VCO cell topology is then introduced, along with the bias circuit, output buffers, and divider. A three stage VCO based on the new topology is designed and simulated in both thick-oxide and thin-oxide devices in 65nm CMOS SOI process. The results of thick and thin oxide devices are compared and confirmed the usability of the new ring VCO cell topology. Finally, a conclusion of the design of high performance LC and ring VCOs is drawn and new directions of research are predicted. Collection: Theses and Dissertations (CLOSED)

File: master thesis.pdf Desc: Description: Size: 6297659

URI: <http://hdl.handle.net/1813/3032> Visits: 106

AU: Wang, Yujun TI: A Critique of the Status Exchange Theory of Merton and Davis in Mate Assorting KW: Interracial Marriage; Status Exchange Hypothesis; Educational Homogamy; BIC; Practically Lack of Fit IssD: 2005-12-06 Pub: Publisher:

ABS: In this paper I reexamine the status exchange hypothesis (Davis 1941; Merton 1941), which argued that minorities exchange their high socioeconomic status for the "high" social status of whites. Specifically, I reanalyze the cross-classification table presented in Fu (2001) on recent marriages among whites, blacks, Mexicans, and Japanese (from the 1990 PUMS data), which claims to corroborate the status exchange hypothesis for intermarriage between whites and blacks as well as between whites and Mexican Americans. Using a simple quasi-symmetry model, I show that the same-race and mixed-race marriage share a broadly similar pattern of educational homogamy, which is quasi-symmetric in character. Thus, I argue that this suggests little, if any, evidence for the status exchange hypothesis. Furthermore, the evidence strongly indicates that there is a remarkable consistency and symmetry in husband/wife educational attainment regardless of race (with the possible exception of white/white marriages); intermarried couples share a similar level of education, and educational homogamy dominates the educational marriages, no matter how strong the racial endogamy is. Collection: Theses and Dissertations (CLOSED)

File: yw78_thesis_template_revised.pdf Desc: Description: Size: 543188

URI: <http://hdl.handle.net/1813/2538> Visits: 462

AU: Warner, David TI: The Role of *Cercopagis pengoi* in Nearshore Areas of Lake Ontario KW: *Cercopagis pengoi*; Lake Ontario zooplankton; alewives; acoustic IssD: 2004-05-07 Pub: Publisher:

ABS: Exotic species introduced to Lake Ontario in the past 100 years have had varied effects on the food web. The exotic cladoceran *Cercopagis pengoi* is a zooplankton predator, and the effects of its establishment (in 1998) were difficult to predict without research conducted years since its introduction. Little to no work has been conducted at spatial scales necessary to examine the role of *C. pengoi* on a lakewide basis. This study was conducted to assess the relative importance of *C. pengoi* as prey and predator by examining its abundance, distribution, and potential impacts based on these variables and its Collection: Theses and Dissertations (CLOSED)

File: warner_dissertation_all5_7_04.pdf Desc: Description: Size: 2036251

URI: <http://hdl.handle.net/1813/105> Visits: 452

AU: Weaver, Kenneth M TI: OBSERVATION OF $\chi_b(2P)$ TO $\chi_b(1P)$ π^+ π^- KW: physics; particle physics; bottomonium; spectroscopy; observation; χ_b IssD: 2005-07-29 Pub: Publisher:

ABS: We have searched for the di-pion transition $\chi_b(2P)$ to $\chi_b(1P)$ $\pi^+ \pi^-$ in the CLEO-III sample of Upsilon(3S) decays in the exclusive decay chain, Upsilon(3S) to $\gamma \chi_b(2P)$, $\chi_b(2P)$ to $\chi_b(1P) \pi^+ \pi^-$, $\chi_b(1P)$ to γ Upsilon(1S), and, finally, Upsilon(1S) to $l^+ l^-$. We refute the null hypothesis, finding a signal greater than 6 sigma deviation from expected background, and thus claim observation of this di-pion decay. For comparisons we have used the well-established channels Upsilon(3S) to Upsilon(2S) $\pi^+ \pi^-$, with either Upsilon(2S) to $l^+ l^-$ or Upsilon(2S) to $\gamma \chi_b(1P)$. Under reasonable assumptions, we find the two-pion partial width to be, $\Gamma_{\pi^+ \pi^-}(\chi_b(2P) \rightarrow \chi_b(1P) \pi^+ \pi^-) = 0.80 \pm (0.21) \pm (0.23, 0.17)$ keV. Collection: Theses and Dissertations (CLOSED)

File: thesis.pdf Desc: Description: Size: 609294

URI: <http://hdl.handle.net/1813/2111> Visits: 617

AU: Werling, Benjamin TI: ONION MAGGOT DELIA ANTIQUA (DIPTERA: ANTHOMYIIDAE) ADULT ACTIVITY AND OVIPOSITION IN NEW YORK ONION FIELDS: IMPLICATIONS FOR MANAGEMENT KW: onion maggot; landscape ecology IssD: 2003-12-23 Pub: Publisher:

ABS: Insect pest activity is often concentrated in certain areas within crops. Past research has suggested that onion maggot, *Delia antiqua* (Meigen) (Diptera: Anthomyiidae), adult activity and oviposition may be concentrated along onion field edges and may be affected by the surrounding landscape. To examine this further yellow sticky cards were placed at varying distances along transects extending from edges of commercial onion fields that either bordered or did not border woods. Sticky cards were collected and replaced weekly throughout the 2002 and 2003 growing season. To determine if oviposition by first-generation onion maggot is concentrated along wooded field edges, potted onion plants were placed along edges and in centers of onion fields that either bordered or did not border woods. Results indicate that adult activity of both sexes is concentrated along edges of onion fields during the first- and second-generations of onion maggot, especially next to woods in the first generation. These "edge effects" lessened as the season progressed and were not present during the third-generation. Oviposition was uniform with respect to distance from the edge and type of bordering habitat. It may be possible to limit application of insecticides targeting adult onion maggot to wooded field edges during the Collection: Theses and Dissertations (CLOSED)

File: msthesis.pdf Desc: Description: Size: 1014288

URI: <http://hdl.handle.net/1813/59> Visits: 1019

AU: Yang, Shin-Yi TI: SOCIALISM, GLOBALISM, AND PLAYFUL SABOTAGE KW: socialism; globalism; parody; game; Xu Bing; Zhang Peili; Yang Zhenzhong; Xu Zhen; contemporary art; contemporary Chinese art; new media art; performance art; language; performative act IssD: 2005-09-28 Pub: Publisher:

ABS: This dissertation examines four contemporary Chinese artists' selected installations, performances, and video works created from 1993 to 2003. The artists who are the subjects of this dissertation are Xu Bing, Zhang Peili, Yang Zhenzhong, and Xu Zhen. Particular attention is given to several political and cultural phenomena of the time that dramatically show the tension between socialist forces and the emerging capitalist and globalist forces in China. At this moment of great change and socialist appropriation of capitalist and globalist vehicles, a great energy was provided, which inspired a creative dynamism in art. It also shaped the artists' visions in the media

used. A common strategy used by these artists was one of playful sabotage, a strategy by which these artists tried to deal with the opposing forces of socialism and consumerism and then attempted to affirm the self in their new world in art. Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/2204> Visits: 645

AU: Yiu, Fang TI: A GEOMETRICALLY EXACT THIN-WALLED BEAM THEORY CONSIDERING IN-PLANE CROSS-SECTION DISTORTION KW: IssD: 2005-08-05 Pub: Publisher:

ABS: A fully nonlinear theory of a three-d Collection: Theses and Dissertations (CLOSED)

File: license.txt Desc: Description: Size: 1793

URI: <http://hdl.handle.net/1813/2131> Visits: 917

AU: Zarruk, Gustavo TI: AN EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF WAVE INTERACTION WITH AN OFFSHORE SUBMERGED CYLINDRICAL STRUCTURE KW: wave interaction; cylindrical structure; PIV; analytical solution; eigenfunction expansion method; dynamic forces; solitary wave; flow visualization; force coefficients IssD: 2004-12-13 Pub: Publisher:

ABS: The interaction of period Collection: Theses and Dissertations (CLOSED)

File: Dissertation.pdf Desc: Description: Size: 28498227

URI: <http://hdl.handle.net/1813/223> Visits: 851

AU: Zhu, Lan TI: COMPOSITE LIKELIHOOD AND REGRESSION BASED METHODS FOR INFERRING POPULATION GENETIC PARAMETERS FROM DNA SEQUENCES KW: Population genetics; Composite likelihood; Natural selection; Recombination rate; Multiple linear regression; Hotspot IssD: 2006-06-20 Pub: Publisher:

ABS: This doctoral dissertation is composed of three projects and four chapters. Chapter 1 presents the background theories and models in the field of po Collection: Theses and Dissertations (CLOSED)

File: LanZhu_dissertation.pdf Desc: Description: Size: 2548035

URI: <http://hdl.handle.net/1813/3213> Visits: 79

AU: Zinchenko, Yuriy A. TI: THE LOCAL BEHAVIOR OF THE SHRINK-WRAPPING ALGORITHM FOR LINEAR PROGRAMMING KW: Mathematical programming; Linear programming; Hyperbolic polynomials; Elementary symmetric polynomials; Conic programming; Interior-point methods IssD: 2005-09-15 Pub: Publisher:

ABS: Hyperbolic polynomials and their associated hyperbolicity cones have origi Collection: Theses and Dissertations (CLOSED)

File: YuriyZinchenko_Thesis.pdf Desc: Description: Size: 763735

URI: <http://hdl.handle.net/1813/2197> Visits: 587

AU: Abrams, Daniel Michael TI: Two Coupled Oscillator Models: The Millennium Bridge and The Chimera State KW: coupled oscillators; millennium bridge; chimera; nonlocal coupling; kuramoto model; synchronization IssD: 2006-07-13 Pub: Publisher:

ABS: Ensembles of coupled oscillators have been seen to produce remarkable and unexpected phenomena in a wide variety of applications. Here we present two mathematical models of such oscillators. The first model is applied to the case of

London's Millennium Bridge, which underwent unexpected lateral vibration due to pedestrian synchronization on opening day in 2000. The second model analyzes a new mode of collective behavior observed for a ring of nonlocally coupled phase oscillators. Collection: Theses and Dissertations (OPEN)

File: Abrams_Daniel_Michael_dissertation.pdf Desc: Description: Size: 5686312

URI: <http://hdl.handle.net/1813/3271> Visits: 25

AU: Adam, Shaffique TI: Magnetic Properties Of Nanoscale Conductors KW: Nanophysics; Nanomagnets; Random Matrix Theory; Spin Torques; Mesoscopic Physics; Universal Conductance Fluctuations IssD: 2006-04-26 Pub: Publisher:

ABS: This doctoral dissertation examines some magnetic properties of nanoscale conductors. It comprises two classes of problems, namely, the response Collection: Theses and Dissertations (OPEN)

File: Shaffique.pdf Desc: Description: Size: 1409893

URI: <http://hdl.handle.net/1813/2882> Visits: 427

AU: Barger, Kathryn Jo-Anne TI: Mixtures of Exponential Distributions to Describe the Distribution of Poisson Means in Estimating the Number of Unobserved Classes KW: EM algorithm; finite mixtures; species richness; Aitken's acceleration; microorganisms IssD: 2006-05-04 Pub: Publisher:

ABS: In many fields Collection: Theses and Dissertations (OPEN)

File: mythesis.pdf Desc: Description: Size: 300884

URI: <http://hdl.handle.net/1813/2953> Visits: 159

AU: Belsito, Anthony TI: Open Pollinated Corn Variety Trials and a Discussion of the Practical Implications for Open Pollinated Corn in Small Scale Whiskey Production KW: open pollinated; corn; field trials; whiskey IssD: 2004-07-28 Pub: Publisher:

ABS: The goal of this study was to assess the feasibility of producing open pollinated (O.P) corn varieties as a grain source for the production of specialty whiskeys. Low profit margins on corn grain as a commodity make it difficult for small to medium size farmers to grow corn competitively. Such farmers could benefit from a cash crop that could offer a higher profit margin. There is current popular interest in heirloom (old-time) grains, including O.P varieties. This may provide an opportunity for a distiller to develop a market for a specialty whisky using O.P. varieties. An advantage for O.P corn as a specialty crop for corn growers is the similarities in equipment, cultural p Collection: Theses and Dissertations (OPEN)

File: finalthesistext all.pdf Desc: Description: Size: 84014

URI: <http://hdl.handle.net/1813/162> Visits: 1341

AU: Braig, Stephan TI: Electron Transport Through Nanoscopic Structures KW: nanoscopic; mesoscopic; electron transport; Coulomb blockade; ferromagnetic; rate equations; molecule; dissipative tunneling; orthogonality catastrophe; phonons; electron-phonon coupling; carbon nanotube IssD: 2005-06-13 Pub: Publisher:

ABS: This doctoral dissertation is concerned with modeling electron transport through nanoscopic structures, Collection: Theses and Dissertations (OPEN)

File: license.txt Desc: Description: Size: 1799

URI: <http://hdl.handle.net/1813/1476> Visits: 659

AU: Briggs, Heather TI: Presenting Archaeology to the American Public Through Documentary Film KW: documentary; film; archaeology; anthropology IssD: 2006-07-12 Pub: Publisher:

ABS: While feature films such as the Indiana Jones and Lara Croft: Tomb Raider series have popularized the field of archaeology, they are hardly useful for providing an accurate and educational depiction of the practice of archaeology itself. Yet archaeological research provides an often underrated, outstanding way of deriving information about the past that may or may not be known otherwise. In light of ?Hollywoodized? films, which largely present a romanticized, unrealistic view of the true practice of archaeology, one may wonder if more true-to-life visual depictions of archaeological research do exist. Accordingly, this manuscript seeks to analyze the availability of archaeology-related documentary films to the public, with a focus on audiences in the United States. How substantial is the availability of archaeology films to the general public? Or are such films restricted to academic institutions and scholars? What about age-range considerations? Are most films directed towards children, or a more adult audience? What type of language is used in presenting archaeology to the public through film? Are films geared ? whether consciously or unconsciously ? towards a well-educated audience that would properly understand complex terminology? Or do films incorporate ?everyday language? to attract

Collection: Theses and Dissertations (OPEN)

File: thesis - heather briggs.pdf Desc: Description: Size: 583132

URI: <http://hdl.handle.net/1813/3265> Visits: 23

AU: Bull, Diana TI: A Study of Fluorescent Nanoparticles: Quantum Dots and Silica Dots KW: quantum dots; silica nanoparticles; FCS; FRET IssD: 2004-07-30 Pub: Publisher:

ABS: Optical techniques have here been employed for the study of two types of nanoscopic fluorescent probes, quantum dots and silica dots. Basic characterization of these fluorescent nanoparticles? photophysics and their capabilities have been explored utilizing the following techniques: fluorescence correlation spectroscopy, FCS, time resolved single photon counting lifetime decay measurements, and steady state

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File: thesis.pdf Desc: Description: Size: 693125

URI: <http://hdl.handle.net/1813/167> Visits: 1347

AU: Carson, Joseph TI: THE CORNELL HIGH-ORDER ADAPTIVE OPTICS SURVEY FOR BROWN DWARF COMPANIONS AND RELATED INSTRUMENTATION STUDIES FOR BROWN DWARF RESEARCH KW: brown dwarfs; adaptive optics; infrared instrumentation; white dwarfs; astronomy IssD: 2004-08-24 Pub: Publisher:

ABS: I begin this publication with a description of the procedures and results for the Cornell High-order Adaptive Optics Survey (CHAOS) for brown dwarf companions to stellar systems. This survey consisted of near-infrared coronagraphic observations of 80 stars out to 22 parsecs. The subsequent data analysis revealed that zero systems showed conclusive evidence for a brown dwarf companion. Accompanying Monte Carlo population simulations determined a brown dwarf companion upper limit of 9.7% for the 25-100 AU semi-major axis region. Such a value indicates, at an 89% confidence level, that the "brown dwarf desert" around stellar objec

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File: joe_phd.pdf Desc: Description: Size: 3162130

URI: <http://hdl.handle.net/1813/180> Visits: 1006

AU: Champagne, Alexandre TI: Mechanically Adjustable Single-Molecule Transistors and Stencil Mask Nanofabrication of High-Resolution Scanning Probes KW: electronic transport; single molecule; Coulomb blockade; AFM; probe microscopy; MFM IssD: 2005-08-03 Pub: Publisher:

ABS: This dissertation presents the development of two original experimental techniques to probe nanoscale objects. The first one studies electronic transport in single organic molecule transistors in which the source-drain electrode spacing is mechanically adjustable. T Collection: Theses and Dissertations (OPEN)

File: PhDthesis_Champagne.pdf Desc: Description: Size: 15908797

URI: <http://hdl.handle.net/1813/2124> Visits: 636

AU: Chen, Guan-Yu TI: The cutoff phenomenon for finite Markov Chains KW: Markov Chain; Cutoff phenomenon; Mixing time; Ergodicity; Markov semigroup IssD: 2006-05-24 Pub: Publisher:

ABS: A card player may ask the following question: how many shuffles are needed to mix up a deck of cards? Mathematically, this question falls in the realm of the quantitative study of the convergence of finite Markov chains. Similar convergence rate questions for finite Markov chains are important in many fields including statistical physics, computer science, biology and more. In this dissertation, we discuss a behavior ---the cutoff phenomenon--- that is known to appear in many models. For these models, after a waiting period, the cha Collection: Theses and Dissertations (OPEN)

File: dissertation20060524.pdf Desc: Description: Size: 853059

URI: <http://hdl.handle.net/1813/3047> Visits: 157

AU: Cohn, Monica TI: Reassessing Ancient History: Trends in 20th Century Historiography KW: Chinese Historiography IssD: 2004-04-29 Pub: Publisher:

ABS: Collection: Theses and Dissertations (OPEN)

File: Cohn-thesis.pdf Desc: Description: Size: 225080

URI: <http://hdl.handle.net/1813/101> Visits: 1330

AU: Cuk, Matija TI: Dynamics and Origin of the Irregular Satellites of the Giant Planets KW: irregular satellites; celestial mechanics IssD: 2004-12-01 Pub: Publisher:

ABS: Although analytical studies on the secular motion of the irregular satellites have been published recently, these theories have not yet been satisfactorily reconciled with the results of direct numerical integrations. These discrepancies occur because in secular theories the disturbing function is generally averaged over the Sun's orbital motion, whereas instead one should take into account some periodic terms, most notably the so-called "evection", which can be large for distant, slow-moving satellites. Here it is demonstrated that the evection and other terms from lunar theory can be incorporated into the more modern Kozai formalism, and that our synthetic approach produces much better agreement with results from symplectic integrations. Using this method, the locations of secular resonances are plotted in the orbital-element space inhabited by the irregular satellites. The present model is found to predict correctly Collection: Theses and Dissertations (OPEN)

File: cuk_thesis.pdf Desc: Description: Size: 5309608

URI: <http://hdl.handle.net/1813/217> Visits: 1065

AU: Futrell, William Chad TI: DAIRY INDUSTRIALIZATION AND SPRAWL IN AN UPSTATE NEW YORK COUNTY KW: Agricultural Transformation; Agricultural Industrialization; Sprawl; Farmland Conversion; Treadmill of Technology; Impermanence Syndrome; Dairy Farm IssD: 2005-08-03 Pub: Publisher:

ABS: In this thesis I examine the interaction of agricultural industrialization and sprawl in an upstate New York county. A longitudinal representative case study of dairy farming in Ontario County, NY was conducted in order to evaluate the efficacy of the treadmill of technology and impermanence syndrome hypotheses in explaining dairy farm survival and expansion. According to the treadmill of technology hypothesis, larger farmers are more likely to adopt capital and management-intensive technology. They are then more likely to expand their operations in part to increase the returns on their investment. Those farmers that do not adopt these technologies are more likely to exit agricultural production. The impermanence syndrome hypothesis, on the other hand, holds that farms located in areas experiencing urban sprawl are likely to experience a number of negative externalities, including complaints about their operations. These farmers are less likely to continue investing in their farms because they foresee selling their land to developers. These farmers Collection: Theses and Dissertations (OPEN)

File: W Chad Futrell Thesis for Thesis Advisor August 2.pdf Desc: Description: Size: 754346

URI: <http://hdl.handle.net/1813/2126> Visits: 757

AU: Garvin, Christopher J. TI: AN EXPLORATORY STUDY OF THE TERRESTRIAL BIOGEOCHEMICAL SILICON CYCLE AT A FORESTED WATERSHED IN NORTHERN VERMONT KW: geochemistry; silicon; germanium; sugar maple; biogeochemical cycle IssD: 2006-05-02 Pub: Publisher:

ABS: The importance of the global silicon cycle is becoming increasingly recognized because of its role in the consumption of atmospheric CO₂. However, the terrestrial component of the silicon cycle is insufficiently understood, especially in temperate regions, since the majority of past research has ignored the effects of vegetation on the cycle. This study examines the terrestrial biogeochemical silicon cycle at a 40.5-ha sub-basin of the Sleepers River Research Watershed in Danville, VT. In particular, we examine the role of plants in the silicon cycle by analyzing silicon and germanium in plant leaves and cores, stream water, groundwater, soil water, bedrock, and soil obtained throughout 2005 from the watershed. Our results show that the amount of Si cycled by the vegetation is roughly the same as the amount weathered from bedrock and soil minerals. We also predict significant storage of Si in phytoliths in both the soil and the living biomass, slowing the rate of Si export from the watershed. Additionally, there appears to be a seasonal shift in the source of Si to the stream. We suggest this is because phytolith dissolution contributes more significantly in the early growing season than late in the season, when stream-flow is dominated by Si derived from mineral weathering. Collection: Theses and Dissertations (OPEN)

File: Garvin_thesis.pdf Desc: Description: Size: 2055659

URI: <http://hdl.handle.net/1813/2934> Visits: 193

AU: Goel, Sharad TI: Estimating Mixing Times: Techniques and Applications KW: Finite Markov Chains; Mixing Times; Faber-Krahn Inequalities; Spectral Profile; Log Sobolev Inequalities; Card Shuffling IssD: 2005-06-21 Pub: Publisher:

ABS: How many times do you have to shuffle a deck of n cards before it is close to random? $\log n$? n ? n^3 ? Similar convergence rate questions for finite Markov chains are central to solving applied problems in diverse fields including physics, computer science and biology. This thesis investigates two general techniques for estimating mixing times for finite Markov chains: modified logarithmic Sobolev inequalities and Faber-Krahn inequalities; and analyzes the convergence behavior of a specific Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 534226

URI: <http://hdl.handle.net/1813/1500> Visits: 917

AU: Graham, Daniel Jacob TI: Efficient Retinal Ganglion Cell Coding and the Statistics of Natural Scenes KW: Ganglion Cells; Neural Coding; Retinal Coding; Retina; Vision; Natural Scenes IssD: 2004-07-14 Pub: Publisher:

ABS: The structure of the early stages of the visual system is thought to be well-matched to the particular statistics that characterize the visual environment. Retinal ganglion cells in vertebrates and analogous retinal units in invertebrates show center-surround receptive field organization. Given that center-surround organization is observed across species (in multiple modalities as well), we seek a general explanation of the purpose of this unit, specifically in terms of spatial visual coding. Ganglion cell coding has been assumed to be well-matched to only the most rudimentary statistical regularities of natural scenes, namely the pairwise correlational structure of images. It has been proposed that ganglion cell receptive fields, when convolved with natural images, are theorized to produce a flat or whitened power spectrum for a range of frequencies. If the visual system were performing a spatial decorrelation of ganglion cell outputs (presumably through lateral inhibition), it would give this type of whitened response (Atick and Redlich, 1992). But ganglion cell outputs are found to be highly correlated and furthermore, decorrelation is insufficient to predict center-surround receptive fields. In this thesis, we present a coding strategy that employs phase-randomized receptive fields that produce the same degree of whitening as those modeled after real ganglion cells, with center-surround organization. The phase-randomized receptive fields do not resemble real ganglion cell receptive fields suggesting that there are other goals to ganglion cell processing. Results indicate that the sparseness of the responses could be another goal of retinal coding since the center-surround receptive fields give a more sparse response than do the phase-randomized ones. The flat (whitened) response power spectra could be related to what has been called response equalization (Field and Brady, 1997), which refers to the notion that cells sensitive to different frequencies should have uniform response magnitudes. Using a vector-length sensitivity measure, we find that data recorded from single ganglion cells across the macaque retina (Croner and Kaplan, 1995) show a degree of response equalization (at least for parvocellular ganglion cells). Nonlinearities in the retina may also be related to efficient coding goals. Collection: Theses and Dissertations (OPEN)

File: THESISGraham.pdf Desc: Description: Text and References Size: 5507648

URI: <http://hdl.handle.net/1813/149> Visits: 758

AU: Jones, Nicholas TI: Cosmic Strings in Brane Inflation and Superstring Theory KW: superstring; cosmology IssD: 2004-08-02 Pub: Publisher:

ABS: Observable predictions of Superstring theories are rare and important. Recent theoretical advances and upcoming experimental measurements of cosmological

physics make the testing of generic predictions of string theories possible. Brane anti-brane models of inflation with
Collection: Theses and Dissertations (OPEN)

File: Thesis.pdf Desc: Description: Size: 965362

URI: <http://hdl.handle.net/1813/169> Visits: 1154

AU: Kennerly, William W. TI: MOLECULES ROTATING IN ELECTRIC FIELDS BY
KW: quantum mechanics; rotation; rotors; laser; electric field; semiclassical; semiquantum; monodromy; nearest neighbor; NNS; NNSD; Husimi; periodic orbit; symplectic; orientation; alignment; pulsed laser IssD: 2005-07-27 Pub: Publisher:

ABS: The quantum and semi-quantum mechanics of rigid molecules rotating in static electric and intense nonresonant laser fields have been studied. Basic quantum features including energy level correlation diagrams, eigenfunctions, alignment, orientation, and time-dependent wave functions propagated under pulsed fields are calculated. Energy level nearest neighbor spacing distributions are the primary semi-quantum approach, but Husimi distributions, periodic orbits, and monodromy diagrams are also investigated. We have elucidated these facets of the quantum-classical correspondence in this important rotational model, which is classically nonscaling with mixed phase space. Collection: Theses and Dissertations (OPEN)

File: KennerlyDissertation.pdf Desc: Description: Size: 2623791

URI: <http://hdl.handle.net/1813/2108> Visits: 480

AU: Larsen, Peter TI: An Evaluation of the Sensitivity of U.S. Economic Sectors to Weather
KW: climate change, weather, economics, sensitivity, production, GDP IssD: 2006-05-04 Pub: Publisher:

ABS: This study quantifies the impact of weather on eleven two-digit SIC sectors of the U.S. economy ranging from agriculture and construction to retail trade and utilities. Although it is obvious that weather affects the output of most sectors in some way, the magnitudes of these effects are not well known. This research effort estimates the historical sensitivity of production to annual weather variability. In addition to defining what it means for a sector to be sensitive to weather relative to another sector, industry productivity from 1977-2000 was modeled against measures of temperature and precipitation along with more traditional inputs to production like capital, labor and energy consumption. Specifically, sector output is modeled using a transcendental logarithmic production function (TRANSLOG) with measures of regional weather included. In order to estimate the aggregate sensitivity of the U.S. economy to weather, Monte-Carlo simulation of the four measures of weather is employed for each region by randomly drawing from historically observed weather combinations (i.e. temperature and precipitation) to produce distributions of sector-region output variability holding
Collection: Theses and Dissertations (OPEN)

File: LARSEN_THESIS_FINAL_MAY_2006.pdf Desc: Description: Size: 1923510

URI: <http://hdl.handle.net/1813/2957> Visits: 221

AU: Lilis, Georgios TI: Distributed Wave Field Synthesis
KW: Finite elements, Inverse problems, Wave equation, Acoustics, Wave Field Synthesis, Noise cancelation IssD: 2006-06-04 Pub: Publisher:

ABS: Many problems in geophy Collection: Theses and Dissertations (OPEN)

File: MThesis.pdf.txt Desc: Description: Extracted text Size: 75845

URI: <http://hdl.handle.net/1813/3123> Visits: 130

AU: Manzo, Justin TI: Analysis and Design of a Hyper-Elliptical Cambered Span Morphing Aircraft Wing KW: morphing aircraft; HECS; smart materials; wing morphology; SMA IssD: 2006-06-20 Pub: Publisher:

ABS: Morphing aircraft are a focus today due to their ability to combine multiple mission flexibility with a single vehicle. The Hyper-Elliptical Cambered Span (HECS) wing is one such wing being developed as a testbed for morphing technologies, due to its ability to vary the spanwise curvature in order to alter a craft's lift-to-drag performance. Through analysis of the aft-swept wing geometry and review of theory, predictions of aerodynamic performance are benchmarked against quasi-static rigid wing models in the Cornell University low-speed wind tunnel facility. Models assume a discretized approximation of the continuously varying spanwise curvature, with system order reduced significantly via a spool-and-tendon mechanism linking motions proportionally. The traditional rib-and-skeleton framework is replaced by a composite structure more adept at withstanding compressive loads due to actuation as verified through finite element analysis. Actuation methods are contrasted between a DC motor driven system and one employing shape memory alloy (SMA) wires, which generate proportional motion by linking sections electrically rather than mechanically. An energy comparison reveals the SMA wire to be more efficient, resulting in a prototype with embedded SMA wire actuators. The prototype employs a nonlinear proportional-integral controller to reach desired wing setpoints, which can be modified to user specifications based on flight conditions. A thermomechanical system model for the SMA is detailed and implemented in the feedback law, which relates well to observed actuation. The prototype half-wing is dynamically tested over a range of angle of attack in the wind tunnel facility. Results confirm the hypothesis that the planar wing will perform better than an elliptical wing of comparable characteristics, while morphing to the 'furled' state further increases lift-to-drag only over a small range of angle of attack. The SMA mechanism is demonstrated to be a viable means of morphing the wing, capable of overcoming aerodynamic loads and holding a desired wing shape based on the feedback law. Metrics of success are delineated and future revisions and inclusions are discussed. Collection: Theses and Dissertations (OPEN)

File: HECS MS Thesis Master Grayscale.pdf Desc: Description: Size: 2354243

URI: <http://hdl.handle.net/1813/3210> Visits: 87

AU: Mason, Quentin TI: High Precision Lattice QCD: Perturbations in a Non-Perturbative World KW: Lattice QCD; Perturbation Theory; multi-loop; strange quark mass; staggered quarks; α_s IssD: 2003-12-05 Pub: Publisher:

ABS: The High-Precision QCD collaboration has embarked on a ground-breaking survey of strongly interacting Standard Model phenomenology from lattice QCD using the improved staggered action for light quarks, NRQCD for the heavy quarks and one-loop Symanzik improved gluons. This program requires one- and two-loop perturbative renormalisations of action parameters, matrix elements and currents. The current techniques for lattice perturbation theory are very cumbersome and inflexible, built for individual one-loop applications. Very few two-loop results are known, even for the simplest actions. A new method for performing perturbative calculations in Lattice QCD is presented. The combination of easily determining Feynman rules for arbitrary actions and automated diagram generation has enabled the calculation of six related three-loop quantities for several different actions including the most highly improved, "Asqtad" that is being used for the most realistic lattice simulations ever. The necessity of choosing an appropriate scheme and scale for lattice expansions is

demonstrated. Further improvements to the scaling in the quark sector are investigated and a new action with three times smaller errors is obtained. The connection between the lattice and continuum couplings is determined to two-loops for these actions which is a pre-requisite for any future perturbative calculations. Third-order Wilson loops up to 2×2 are calculated for the first time which can be used to determine the strong coupling constant at energies relevant to simulations and to experimenters. The quark mass is renormalised to one-loop in order to determine the mass of the strange quark and compare to sum rules. Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 1082408

URI: <http://hdl.handle.net/1813/57> Visits: 1466

AU: Morrison, Tina Marie TI: THREE PROBLEMS IN NONLINEAR DYNAMICS WITH 2:1 PARAMETRIC EXCITATION KW: Parametric Excitation; Delay Differential Equation; Hopf Bifurcation; Quasiperiodic Mathieu; Bifurcations IssD: 2006-05-04 Pub: Publisher:

ABS: Parametric excitation is epitomized by the Mathieu equation, $x'' + (d + e \cos t)x = 0$, which involves the characteristic feature of 2:1 resonance. This thesis invest Collection: Theses and Dissertations (OPEN)

File: TMMThesisFinal.PDF Desc: Description: Size: 1264205

URI: <http://hdl.handle.net/1813/2952> Visits: 166

AU: Murphy, James TI: Spatial distributions of Lake Erie walleye KW: Lake Erie; walleye; movement; tagging IssD: 2006-06-26 Pub: Publisher:

ABS: The spatial distributions of Lake Erie walleye stocks are examined from tagging data from 1990-2001. Releases and recoveries from four western basin tagging sites ? Monroe, Chicken and Hen Islands, Sandusky Bay, and Sandusky River ? and from one eastern basin site, Van Buren Bay, are analyzed. Walleye tagged at the Monroe, Chicken and Hen Islands, and Van Buren Bay are considered individual stocks and walleye tagged at the Sandusky Bay and Sandusky River sites are considered one stock. Spatial distributions are quantified by construction of a spatially-explicit population model that follows groups of releases from the first May after spring tagging through October of the second year after release and estimation of model parameters in a maximum-likelihood framework. Two different estimation frameworks are implemented that handle tag-loss rates and tag-reporting rates uniquely, so the effects of these ?nuisance parameters? can be analyzed. The results confirm previous tagging studies that show movement of western basin walleye Collection: Theses and Dissertations (OPEN)

File: Murphy_James_MS_Thesis_DNR_6_19_06.pdf Desc: Description: Size: 590366

URI: <http://hdl.handle.net/1813/3230> Visits: 64

AU: Nanas, Marian TI: Protein Folding with Coarse-Grained Off-Lattice Models of the Polypeptide Chain KW: Global Optimization; Free Energy; Multiple-Minima Problem; Generalized Ensemble Methods; Secondary Structure Packing; Structure Prediction IssD: 2005-12-15 Pub: Publisher:

ABS: Collection: Theses and Dissertations (OPEN)

File: nanas-thesis.pdf Desc: Description: Black & White version Size: 4210009

URI: <http://hdl.handle.net/1813/2549> Visits: 471

AU: Nice, Eryk TI: Design of a Four Rotor Hovering Vehicle KW: four prop; propeller; hovering; autonomous; mechanical design; hover; flight; sigma point filter; vehicle; helicopter; phased antenna array; simulation; nonlinear; dynamics; AFV; rotor IssD: 2004-03-09 Pub: Publisher:

ABS: Potential applications of autonomous vehicles range from unmanned surveillance to search and rescue applications dangerous to human beings. Vehicles specifically designed for hover flight have their own possible applications, including the formation of high gain airborne phased antenna arrays. With this specific application in mind, the Cornell Autonomous Flying Vehicle (AFV) team sought to produce a four rotor hovering vehicle capable of Collection: Theses and Dissertations (OPEN)

File: Designof4RotHoverVehicle.pdf Desc: Description: Size: 1189597

URI: <http://hdl.handle.net/1813/93> Visits: 1681

AU: Pasupathy, Abhay N. TI: Electron Transport in Molecular Transistors KW: Molecular electronics; Coulomb blockade; quantum tunnelling; Kondo effect; single-electron transistor; quantum dot IssD: 2004-07-26 Pub: Publisher:

ABS: In this thesis I will describe the Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 10671119

URI: <http://hdl.handle.net/1813/158> Visits: 1263

AU: Pena-Herborn, Jorge; Hancock, Jeffrey T. (advisor) TI: An interaction process analysis of text-based communication in an online multiplayer videogame KW: computer-mediated communication; interaction process analysis; video games; cmc; virtual social interaction IssD: 2004-05 Pub: Publisher:

ABS: The present study examines the socioemotional and task-oriented content of text messages produced by players of an online multiplayer videogame. From a computer-mediated communication perspective, over five thousand messages produced by 65 players during a 2-week period were examined using Bales' interaction process analysis. The results suggest that players produced significantly more messages expressing socioemotional than task-oriented content. Of the socioemotional content that was produced, the vast majority of it was positive in nature, despite the primary game objective of fighting one another. Players' experience level also played an important role in content production. More experienced players produced significantly higher levels of positive socioemotional content than less experienced players, and they were more likely to use specialized conventions (e.g., emoticons, abbreviations, and scripted emotes). These results provide support for the social information processing theory of interpersonal computer-mediated communication in the context of graphical online multiplayer videogames. The use and modification of interaction process analysis for studying computer-mediated communication in graphical virtual spaces is discussed. Collection: Theses and Dissertations (OPEN)

File: IPA in OMV thesis 1.2.pdf Desc: Description: Size: 1228653

URI: <http://hdl.handle.net/1813/171> Visits: 1401

AU: Pesavento, Umberto TI: Unsteady aerodynamics of falling plates KW: insect flight, unsteady aerodynamics, fluid mechanics, dynamical systems IssD: 2005-09-07 Pub: Publisher:

ABS: We investigate the problem of falling paper b Collection: Theses and Dissertations (OPEN)

File: Umberto_Pesavento_thesis.pdf Desc: Description: Size: 2528271

URI: <http://hdl.handle.net/1813/2183> Visits: 617

AU: Polianski, Mikhail TI: Dynamic Phenomena in Transport through Sub-micron Devices KW: transport; dynamic phenomena; electronic; spin wave; quantum pumping; quantum dot; nanomagnet; mesoscopic IssD: 2004-08-30 Pub: Publisher:

ABS: This th Collection: Theses and Dissertations (OPEN)

File: MYTHESISNEW.pdf Desc: Description: Size: 812951

URI: <http://hdl.handle.net/1813/181> Visits: 1115

AU: Rajagopalan, Ranjithkumar TI: Algorithms for Some Clustering Problems KW: Facility Location; Population Genetics; Approximation Algorithms; Branch and Bound IssD: 2005-07-21 Pub: Publisher:

ABS: The first pa Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 402465

URI: <http://hdl.handle.net/1813/2102> Visits: 671

AU: Randriamamonjy, Josee TI: The socioeconomic correlates of HIV/AIDS knowledge and condom use in Madagascar KW: HIV/AIDS Madagascar IssD: 2005-09-26 Pub: Publisher:

ABS: We estimate the determinants of HIV/AIDS knowledge and related behavior (use of condoms) among women in Madagascar, a country where prevalence remains low but conditions are ripe for a rapid increase in infections. In both rural and urban areas, more educated and wealthier women are more likely to know about means of preventing infection, less likely to have misconceptions about transmission, and more likely to use condoms. Community factors such as availability of health centers and access to roads also lead to greater HIV knowledge. However, most of the large rural-urban difference in mean knowledge is due not to location per se but to differences in schooling and wealth; rather than simply being geographically targeted, AIDS education efforts must be designed to target and be understood by uneducated and poor subpopulations. Collection: Theses and Dissertations (OPEN)

File: JR_thesis.pdf Desc: Description: Size: 279427

URI: <http://hdl.handle.net/1813/2202> Visits: 592

AU: Recktenwald, Geoffrey TI: The Stability of Parametrically Excited Systems: Coexistence and Trigonometrification KW: Coexistence; Trigonometrification; Parametric excitation; Time transformations; stability tongue; stability IssD: 2006-05-04 Pub: Publisher:

ABS: This dissertation addresses questions regarding the stability of two degree of freedom oscillating systems. T Collection: Theses and Dissertations (OPEN)

File: Thesis.pdf Desc: Description: Size: 851590

URI: <http://hdl.handle.net/1813/2955> Visits: 184

AU: Rider, Traci TI: Education, Environmental Attitudes and the Design Profession: A Masters Thesis KW: environmental; education; design IssD: 2005-08-03 Pub: Publisher:

ABS: As the concept of sustainability continues to become more popular within society, a number of different professions are called on to help champion the movement. With the resource strain inflicted by the construction industry alone, dedicated architects and interior designers are important players in forward progress. Though many organizations and associations have been created to help the building industry embrace

sustainability both practically and theoretically, the actual implementation of green building practices in construction has been minimal. The main focus of this study is to look at the influence of undergraduate education on designers' interest in sustainable design. Additional interest was in environmental attitudes and the i Collection: Theses and Dissertations (OPEN)

File: Rider_Thesis2.pdf Desc: Description: Size: 3715682

URI: <http://hdl.handle.net/1813/2118> Visits: 674

AU: Riley, Mary Elizabeth TI: Assessing the Impact of Interannual Climate Variability on New York City's Reservoir System KW: climate; PDO; El Nino; reservoir; New York; hydrology; NAO; PNA; AMO; ENSO IssD: 2006-01-20 Pub: Publisher:

ABS: New York City's reservoir system supplies about nine million residents with approximately 1.3 billion gallons of water each day. Such dependence on the system requires a thorough understanding of the natural controls of its variability, as well as that of regional streamflow and precipitation. Prior studies suggest that climate variability in the Northeast depends upon large-scale northern hemisphere atmospheric and oceanic circulation patterns. In this study, the impact of large-scale climate variability on New York's reservoir system and whether interdecadal climate variations alter the influence of shorter interannual climate modes on water availability is examined. Also of importance is the interaction between these atmospheric oscillations and how these relationships might change during the different climatic regimes. Explored in this study are the influences of the Pacific Decadal Oscillation (PDO), El Nino-Southern Oscillation (ENSO), Pacific-North American Oscillation (PNA), North Atlantic Oscillation (NAO), and Atlantic Multidecadal Oscillation (AMO) on precipitation and hydrology in New York City's watershed. The direct impact of the large-scale oscillations on the quantity of water in New York's seven-reservoir system is also investigated. Statistical analysis has been performed on the data for 1951-2004, during which all data sets were available and, separately, for positive and negative PDO phases (1977-97 and 1951-76/1998-2004, respectively). The interactions between hydrological/meteorological factors and the reservoir system levels in the separate phases have also been examined. Statistically significant differences in most interactions have been found between the separate PDO phases. The results of this study indicate that the potential for predicting reservoir behavior exists. Although statistically significant, the relationships are not well enough understood to prescribe using this information for watershed management at this point. However, the study results do warrant further exploration of the relationships between atmospheric/oceanic oscillations and the reservoir system for practical watershed management applications. Collection: Theses and Dissertations (OPEN)

File: MER Thesis-new.pdf Desc: Description: Size: 1120397

URI: <http://hdl.handle.net/1813/2623> Visits: 451

AU: Riskin, Daniel K. TI: Biomechanics of terrestrial locomotion in bats KW: IssD: 2006-04-17 Pub: Publisher:

ABS: This dissertation concerns the way in which bats move on the ground. Chapter one is a literature review on the subject, from an evolutionary persp Collection: Theses and Dissertations (OPEN)

File: riskindiss_v3.pdf Desc: Description: Size: 12707127

URI: <http://hdl.handle.net/1813/2835> Visits: 237

AU: Rizzo, Michael TI: A (Less Than) Zero Sum Game? State Funding for Public Education: How Public Higher Education Institutions Have Lost KW: Education; Higher Education; Public Economics; Political Economy; Economics; State Budgets; Education Finance IssD: 2004-06-16 Pub: Publisher:

ABS: This dissertation studies the long-term decline in state preferences for education spending in the United States. It constructs an expansive state-level panel data set spanning the fiscal years 1976-77 through 2000-2001 to examine how three budget share measures have changed within states over time and across states at a point in time. The share of state discretionary expenditures allocated to public education has fallen by four percentage points since 1977, while the share of public education expenditures allocated to public higher education has fallen by six points. In addition, the share of public higher education dollars appropriated to institutions (as opposed to directly to students) has fallen by four percentage points. Together the declines translate into real institutional appropriation losses of \$2,800 per student in an "average" state - significantly more than the \$1,700 increase in real average Collection: Theses and Dissertations (OPEN)

File: Rizzo_Dissertation_FINAL.pdf Desc: Description: Size: 1628489

URI: <http://hdl.handle.net/1813/123> Visits: 1323

AU: Roudbari, Shawhin TI: Self Adaptive Finite Element Analysis KW: Neural Networks; Inverse Problems; Constitutive Modeling; Finite Element Analysis; Thermal Conductivity IssD: 2005-09-26 Pub: Publisher:

ABS: From the behavior of steel under thermal loads to the response of organic tissue to various stimuli, engineering research strives to develop constitutive models that allow us to understand and predict the physical world around us. Characterizing and understanding the constitutive behavior of materials is a pursuit limited by the expense and time associated with conducting and interpreting laboratory experiments. The focus of this thesis is to extend the development of an innovative computational method that aims to help circumvent the need for extensive tests as a basis for obt Collection: Theses and Dissertations (OPEN)

File: 20050926-thesis-full.pdf Desc: Description: Size: 715143

URI: <http://hdl.handle.net/1813/2201> Visits: 585

AU: Rudert, Angela TI: Inherent Faith and Negotiated Power: Swaminarayan Women in the United States KW: Hinduism; United States; women; Swaminarayan IssD: 2004-05-11 Pub: Publisher:

ABS: In this thesis, I explore the ways in which women negotiate their own forms of power in the Bochasanwasi Akshar Purushottam Swaminarayan Sanstha (BAPS), a branch of Swaminarayan Hinduism. The study draws from research in primary sources, scholarly sources, and from fieldwork in Atlanta, GA where the Swaminarayan community has grown tremendously in recent decades, and the Shri Swaminarayan Mandir (BAPS Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: main document Size: 284650

URI: <http://hdl.handle.net/1813/106> Visits: 1023

AU: Saikkonen, Kelly TI: TECHNICAL AND ECONOMIC FEASIBILITY OF UPGRADING DAIRY MANURE-DERIVED BIOGAS FOR NATURAL GAS PIPELINE KW: biogas; dairy; farms; digestion; anaerobic digestion; natural gas IssD: 2006-05-05 Pub: Publisher:

ABS: The objective of this thesis was to evaluate the current technical and economical feasibility of processing dairy manure-derived biogas to natural gas quality for injection into the natural gas pipeline. Dairy farms across the county and around the world are utilizing anaerobic digestion to treat manure, improve nutrient recovery and generate biogas. Biogas, which consists mainly of methane and carbon dioxide, with smaller amounts of hydrogen sulfide, water vapor and other impurities, can be used in heating and power applications. Biogas can also be used directly as a high BTU value fuel, comparable to natural gas, if processed to remove carbon dioxide Collection: Theses and Dissertations (OPEN)

File: Kelly Saikkonen Thesis Final 5-5-06.pdf Desc: Description: Size: 5477798

URI: <http://hdl.handle.net/1813/2982> Visits: 174

AU: Sathyanarayanan, Kalambur TI: Starch-Polycaprolactone Nanocomposites From Reactive Extrusion: Synthesis, Characterization, Properties And Scale-up Considerations KW: reactive extrusion, biodegradable plastic, organoclay, nanocomposites, starch, polycaprolactone, Power law, pseudoplasticity IssD: 2005-04-11 Pub: Publisher:

ABS: Biodegradable starch-polyester polymer composites are useful in many applications ranging from numerous packaging end-uses to tissue engineering. However the amount of starch that can form composites with polyesters without significant property deterioration is typically less than 25% because of thermodynamic incompatibility between the two polymers. A reactive extrusion process was developed in which approximately 60% by weight of plasticized starch was blended with a biodegradable polyester (polycaprolactone, PCL) resulting in tough nanocomposite blends with elongational properties approaching that of 100% PCL. During the extrusion process, starch was cross-linked with polycaprolactone in the presence of hydrogen peroxide and montmorillonite (MMT Collection: Theses and Dissertations (OPEN)

File: TITLEPAGE.pdf Desc: Description: File# 1 Size: 6241

URI: <http://hdl.handle.net/1813/773> Visits: 632

AU: Sazonova, Vera A. TI: A tunable carbon nanotube resonator KW: carbon nanotube; tunable resonator; NEMS; MEMS; quality factor IssD: 2006-06-13 Pub: Publisher:

ABS: Nanoelectromechanical systems (NEMS) have recently been the subject of much exciting research. They have been proposed for use in various applications such as mass and force detection, RF processing, and investigating quantum effects in the mechanical motion of resonators. Attempts to increase sensitivity for these applications Collection: Theses and Dissertations (OPEN)

File: PhDThesis_Sazonova.pdf Desc: Description: Size: 8346173

URI: <http://hdl.handle.net/1813/3205> Visits: 115

AU: Scimeca, Michael TI: EFFECTS OF GLUTATHIONE PEROXIDASE 1, GLUTATHIONE PEROXIDASE 4 AND COPPER, ZINC-SUPEROXIDE DISMUTASE GENE KNOCKOUTS ON ENZYME ACTIVITIES, BODY SELENIUM AND RESISTANCE TO OXIDATIVE AND NITROSATIVE STRESSES KW: superoxide dismutase; glutathione peroxidase; knockout; mouse; reactive oxygen species; reactive nitrogen species; copper; selenium IssD: 2005-08-03 Pub: Publisher:

ABS: This thesis addresses two studies, 1) characterization of a glutathione peroxidase 4 (GPx4) haploid insufficient (+/-) mouse and 2) effects of different levels of glutathione

peroxidase 1 (GPx1) and Cu, Zn - superoxide dismutase 1 (SOD1) gene dosage on enzyme _expression and responses to paraquat (PQ), diquat (DQ) and/or acetaminophen (AP) toxicity. These studies are united in a general way by addressing response to oxidative stress with altered antioxidant enzyme _expression and in a more specific way by involvement of two selenium (Se) containing glutathione peroxidases (GPx1 and GPx4) and SOD1. All three of these enzymes are believed to be involved in

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URI: <http://hdl.handle.net/1813/2127> Visits: 762

AU: Sessler, Richard J TI: STUDIES ON THE MECHANISMS OF LIGAND-INDUCED NUCLEAR LOCALIZATION OF CELLULAR RETINOIC ACID BINDING PROTEIN TYPE II KW: IssD: 2005-10-11 Pub: Publisher:

ABS: Retinoic acid (RA), a derivative of vitamin A, is well know for its ability to act as a transcriptional modulator, and it is critically involved in a number of cellular processes. The cellular retinoic acid binding proteins (CRABP-I and II) are small cytosolic proteins that bind to RA with a high affinity, and they are thought to play a role in the biological activities of RA. The expression of CRABP-II has been shown to selectively enhance the activity of a group of ligand-inducible transcription factors known as the retinoic acid receptors (RARs), and CRABP-II has also been shown to accumulate in the nucleus in response to RA treatment. CRABP-II is thought to enhance RAR activity by enhancing the movement of RA into the nucleus, where RAR functions as a transcription factor. The question addressed in this work was that of the mechanism by which CRABP-II accumulates in the nucleus in response to RA. Abolishing nuclear localization of CRABP-II, and the resulting effects on RAR activity were addressed. CRABP-II was tagged to a nuclear export signal (NES), which actively excludes a protein from the nucleus. Subsequently, the NES functionality was verified by fluorescence microscopy. Functional assays for RAR activity were performed, and it was determined that accumulation of CRABP-II in the nucleus was necessary for it to enhance the activity of RAR. To address possible mechanisms for the nuclear localization of CRABP-II, analysis of i

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URI: <http://hdl.handle.net/1813/2236> Visits: 581

AU: Shreve, Sara TI: A HISTORY WORTH SAVING: THE PALACE OF FINE ARTS AND THE INTERPRETATION OF HISTORY ON A RECONSTRUCTED SITE KW: History; San Francisco; World's Fair; Preservation; Panama Pacific International Exposition; Maybeck; Historic Preservation; California IssD: 2006-04-18 Pub: Publisher:

ABS: This thesis examines the legacy of the Palace of Fine Arts in the history of San Francisco. The first section is a social history of the site looking at its origins as a site designed by Bernard Maybeck as one of the many palaces constructed for the Panama-Pacific International Exposition in 1915. Today, the Palace remains the only site from the Exposition standing in its original location. In the over ninety years since the close of the Exposition the Palace has undergone various preservation campaigns. Most notably, the structures of the

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URI: <http://hdl.handle.net/1813/2836> Visits: 170

AU: Silva, Helena G TI: Back Side Charge Trapping Nano-Scale Silicon Non-Volatile Memories KW: semiconductor non-volatile memory; flash memory; flash memory scaling; back side storage; back side charge trapping; nano-scale memory; traps; silicon nitride traps; electron beam lithography; Random Telegraph Signal; silicon - silicon oxide - silicon nitride - silicon oxide - silicon; SONOS; ONO; back SONOS; mobility IssD: 2005-07-22 Pub: Publisher:

ABS: A new alternative device structure for scalable silicon non-volatile memories was investigated. The difficulties in scaling current devices arise from the non-scalability of the gate stack formed by the tunneling oxide, floating gate and control oxide. The proposed device is based on storage of charge in silicon nitride traps in the back of a thin single crystal silicon channel. This is intrinsically different from conventional silicon non-volatile memory structures, in which charge Collection: Theses and Dissertations (OPEN)

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URI: <http://hdl.handle.net/1813/2104> Visits: 744

AU: Smith, Billye TI: Countering Hegemony Through Synthesis: A Lifetime of Commitment to the Black Community in the Works of Toni Cade Bambara KW: African American Literature; Toni Cade Bambara IssD: 2006-05-09 Pub: Publisher:

ABS: I argue that Toni Cade Bambara's entire corpus works to meld the spiritual, artistic, and political as well as the activist and the community. This theme is contained in her essays, short stories, novels, and films, but is best demonstrated in her two novels *The Salt Eaters* (1980) and *Those Bones are Not My Child* (1999). *The Salt Eaters* agonizingly expresses tension between the spiritual, artistic, and political but in the novel this tension goes largely unresolved. Inability to resolve these tensions leads to the protagonist's suicide attempt and political factiousness within the Black community. Though the novel ends with the protagonist's healing, her future, as well as that of the community, is largely left open ended. *Those Bones are Not My Child* however resolves many of the tensions presented in *The Salt Eaters*. *Those Bones are Not My Child* narrows the boundaries between author and reader, activist and community. The novel, through its focus on actual events also collapses the divide between fiction and nonfiction, calling for the readers to incorpor Collection: Theses and Dissertations (OPEN)

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URI: <http://hdl.handle.net/1813/3001> Visits: 202

AU: Sroka, Nicole TI: A Meta-Analysis Of Published Literature On The Role Of Loose Parts In The Play Behavior Of Non-Typically Developing Children KW: Loose Parts; Play Behavior; Non-Typically Developing Children; Child Development IssD: 2006-06-15 Pub: Publisher:

ABS: Prior research shows that the type of props that typically developing children play with may affect the amount and quality of their play. Less research has been conducted on the role of loose parts in the play behavior of non-typically developing children. This thesis was conducted in order to expand the knowledge on this topic. Five studies were analyzed; the published research suggests that loose parts props can aid non-typically developing children to engage in dramatic play, especially when prompted. Collection: Theses and Dissertations (OPEN)

File: A Meta-Analysis Of Published Literature On The Role Of Loose Parts In The Play Behavior Of Non-Typically Developing Children.pdf Desc: Description: Size: 305455

URI: <http://hdl.handle.net/1813/3207> Visits: 82

AU: Thayer, John Gregg TI: SEARCH FOR THE RARE DECAY OF A B MESON TO A K MESON AND TWO NEUTRINOS KW: Particle Physics; Rare B Decays; Flavor Changing Neutral Currents IssD: 2004-03-09 Pub: Publisher:

ABS: We search for the exclusive decays $B \rightarrow (K^+, K_S, K^{*+}, K^{*0}) \nu \bar{\nu}$ in a sample of 9.7 million charged and neutral B meson decays recorded by the CLEO detector at the $\Upsilon(4S)$ resonance. The technique was one of full event reconstruction where after electing a signal B candidate the remainder of the event is required to be consistent with a hadronic $B \rightarrow D^{(*)}(\pi p)$ decay. No signals were observed so 90% confidence level upper limits Collection: Theses and Dissertations (OPEN)

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URI: <http://hdl.handle.net/1813/92> Visits: 1167

AU: Tisi, David TI: EFFECT OF DENSE PHASE CARBON DIOXIDE ON ENZYME ACTIVITY AND CASEIN PROTEINS IN RAW MILK KW: carbon dioxide; milk; casein; enzymes; lipase; protease IssD: 2004-01-06 Pub: Publisher:

ABS: Non-thermal me Collection: Theses and Dissertations (OPEN)

File: David Tisi Thesis.pdf Desc: Description: Size: 1451375

URI: <http://hdl.handle.net/1813/60> Visits: 1539

AU: Toutonghi, Pauls Harijs TI: A World Without Maps: Post-National, English-Language Literature in the Late Twentieth Century KW: Hemon; Lahiri; Michaels; Ondaatje; Toutonghi; Post-national IssD: 2006-04-03 Pub: Publisher:

ABS: A consideration of a constellation of authors working in the fiction marketplace of the late twentieth century. The works of Michael Ondaatje, Jhumpa Lahiri, Aleksandar Hemon, and Anne Michaels are considered. The works are particularly analyzed for the way that they choose to depict the process of crossing borders and refugee life. The authors are grouped together along certain broad critical lines -- particularly along the way that they present the refugee experience with the voice of interiority. Links are then provided to the textual predecessors of these texts and writers, many of whom belong to the Modernist moment: Forster, Conrad, Kipling, and others. Some work is done to establish and define the term, post-national. Collection: Theses and Dissertations (OPEN)

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URI: <http://hdl.handle.net/1813/2740> Visits: 295

AU: Ustunel, Hande TI: Quantitative Prediction of Elastic and Anelastic Phenomena on the Nanometer Scale KW: anharmonic; harmonic; NEMS; MEMS; oscillator; quality factor; nanotube; divacancy; Green's function; phonon-phonon interaction; electron mean-free path IssD: 2005-10-10 Pub: Publisher:

ABS: In the past two deca Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 1071815

URI: <http://hdl.handle.net/1813/2234> Visits: 693

AU: Wang, Yanxin TI: MILLIMETER WAVE TRANSCEIVER FRONTEND CIRCUITS IN ADVANCED SIGE TECHNOLOGY WITH CONSIDERATIONS FOR ON-CHIP PASSIVE COMPONENT DESIGN AND SIMULATLION KW: millimeter; wave; transceiver; circuits; sige; passive IssD: 2006-06-26 Pub: Publisher:

ABS: A novel design approach for implementing millimeter wave wireless transceiver front-end circuits is proposed. The design methodology takes advantage in advances in Silicon Germanium (SiGe) fabrication technology and sophisticated Electro-Magnetic (EM) simulation software to ensure successful implementation of circuits designed to operate in millimeter wave range. The discussion covers basic circuits common in typical transceiver architecture such as low noise amplifier (LNA), active balun, and mixer. The design methodology is not limited to the above circuits. It can be applied to many other situations where operating frequency is high and the dimensions of pa

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URI: <http://hdl.handle.net/1813/3225> Visits: 70

AU: Ware, Eric Chay TI: Corrections to Radar-Estimated Precipitation Using Observed Rain Gauge Data KW: Radar; Precipitation; Rain Gauge IssD: 2005-08-02 Pub: Publisher: ABS: A new method is presented for calculating daily rainfall amounts from radar. Radar data from two River Forecast Centers (RFC), and daily rain gauge data from stations around the Northeast U.S. are used to create a radar-level resolution grid of rainfall. The purpose for this method is to produce fields of precipitation estimates in the operational area of the Northeast Regional Climate Center (NRCC), to archive the high-resolution precipitation product, and to use the product as input into a crop modeling program. Considering rain gauge observations as the true values, radar errors are calculated at each rain gauge location every day. Using an interpolation method, the errors are estimated at each radar pixel and added back to the radar grid. Thirty cases were selected from different times of year and different weather types. Three interpolation methods, Inverse Distance Weighting, Multiquadric Interpolation, and Ordinary Kriging, are compared to the Multisensor Precipitation Estimation (MPE), used operationally by River Forecast Centers. Parameters associated with each interpolation method are adjusted daily using cross-validation to produce the best results for each case. By using daily rain gauge data, all three interpolation methods perform similarly and better than MPE, which uses hourly rain gauge data. All methods for estimating precipitation perform best at low values of precipitation and worst at high values of precipitation. Because of the similarity in results between interpolation methods, the simplest method computationally, Inverse Distance Weighting, has been chosen to be used operationally for the Northeast Regional Climate Center. Collection: Theses and Dissertations (OPEN)

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URI: <http://hdl.handle.net/1813/2115> Visits: 486

AU: Weinberger, Michael TI: A MEASUREMENT OF THE INCLUSIVE BRANCHING RATIO OF CHARGED AND NEUTRAL D MESON DECAYS CONTAINING A NEUTRINO KW: Charm Decays; CLEO IssD: 2006-04-28 Pub: Publisher:

ABS: This thesis reports the measurement of branching ratios for the inclusive decay of a D meson to a neutrino, measured at the CLEO-c detector. It is fully inclusive as to lepton flavor and into which semileptonic mode the D decays. This analysis is the first direct measurement of the inclusive neutrino branching ratio. It utilizes 187 pb^{-1} of data taken at the ψ' resonance. The measured values are $\text{BR}(D^{\pm} \rightarrow X \nu) = 29.43\% \pm 0.83 \pm 1.75\%$, and $\text{BR}(D^0 \rightarrow X \nu) = 13.52\% \pm 0.28 \pm 0.68\%$. Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 4409298

URI: <http://hdl.handle.net/1813/2930> Visits: 235

AU: Welch, Brian TI: Millimeter Wave Integrated Silicon Transceiver Design for High Data Rate Communications KW: Silicon; mmWave; Wireless; Wireline IssD: 2006-06-30 Pub: Publisher:

ABS: With the explosion of information hungry computational and multimedia applications, the need for exceptionally high communication data rates has leapt to the forefront of electronic design. Advances in silicon technologies, manifested both in the speed of the transistors and complexity of the IC wiring stack, has bolstered the ability to meet new communication needs on a platform common to most consumer electronics. This ability becomes beneficial to historical approaches, both in system performance and costs, with the Collection: Theses and Dissertations (OPEN)

File: Welch_Dissertation_v015.pdf Desc: Description: Size: 3535230

URI: <http://hdl.handle.net/1813/3243> Visits: 89

AU: Werner, Gregory Richard TI: Probing and Modeling Voltage Breakdown in Vacuum KW: voltage breakdown; RF breakdown; cathode spot; PIC plasma simulation; starburst; vacuum breakdown; vacuum arc; helium processing; electrode conditioning IssD: 2004-07-29 Pub: Publisher:

ABS: Voltage breakdown limits many technologies that rely on strong electric fields. Although many kinds of voltage breakdown have been well-explained, voltage breakdown in vacuum--the sudden transition from vacuum insulation to vacuum arc--remains relatively poorly understood. Despite the importance of vacuum insulation, technology has hardly improved breakdown voltages in the last ninety years. This work describes experiments in vacuum breakdown, as well as com Collection: Theses and Dissertations (OPEN)

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URI: <http://hdl.handle.net/1813/164> Visits: 1439

AU: Woodroffe, Russell S TI: Shelling The Coset Poset KW: group theory; combinatorics; poset; complemented group; coset IssD: 2003-06-24 Pub: Publisher:

ABS: It is shown that the coset lattice of a finite group has shellable order complex if and only if the group is complemented. It is also shown that the order complex is Cohen-Macaulay under the same circumstances. The group theoretical tools used are relatively elementary, and avoid the classification of finite simple groups and of minimal finite simple groups. Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 248062

URI: <http://hdl.handle.net/1813/2105> Visits: 516

AU: Wyman, Mark TI: Cosmic Superstrings: Observable Remnants of Brane Inflation KW: Cosmology: Theory; Cosmic Strings; Topological Defects; Brane Inflation IssD: 2006-06-13 Pub: Publisher:

ABS: Brane inflation provides a natural dynamical model for the physics which underlie the inflationary paradigm. Besides their inflationary predictions, brane models imply another observable consequence: cosmic strings. In this dissertation I outline the background of how cosmic strings arise in brane inflationary models and how the properties of the strings and the models are mutually tied (Chapter 2). I then use cosmological observations to put limits on the properties of any actually-existing cosmic string network (Chapter 3). Next, I study the question of how cosmic

superstrings, as the cosmic strings arising from string theory are known, could be distinct from classical gauge-theory cosmic strings. In particular, I propose an analytical model for the cosmological evolution of a network of binding cosmic strings (Chapter 4); I also describe the distinctive gravitational lensing phenomena that are caused by binding strings (Chapter 5). Finally, I lay out the background for the numerical study of a gauge theory model for the dynamics of cosmic superstring binding (Chapter 6).
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File: Thesis.pdf Desc: Description: Size: 974976

URI: <http://hdl.handle.net/1813/3202> Visits: 131

AU: Yoon, Kook-Young TI: SEGREGATION OF A BINARY MIXTURE OF GRANULAR PARTICLES KW: granular; segregation; flow; mixture; kinetic; theory IssD: 2005-08-11
Pub: Publisher:

ABS: Kinetic theory for a binary mixture of slightly inelastic particles, based on Maxwellian velocity distribution with corrections due to high density, is used to predict segregation of a binary mixture with species differing in sizes and material densities. The relative mean species velocities indicates segregation for a mixture uniformly agitated under gravity. Molecular dynamics simulations of elastic hard spheres and physical experiments with inelastic spheres in a cylindrical container vibrated at high normalized acceleration support this prediction. An analysis for a non-uniformly agitated mixture under gravity provides a general criterion for segregation. We establish the
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URI: <http://hdl.handle.net/1813/2980> Visits: 172

AU: Yotov, Kamen TI: On the Role of Search in Generating High-Performance BLAS Libraries KW: IssD: 2005-09-15 Pub: Publisher:

ABS: Collection: Theses and Dissertations (OPEN)

File: thesis.pdf Desc: Description: Size: 1655685

URI: <http://hdl.handle.net/1813/2198> Visits: 542

AU: TI: 86-228*B *Bergenia* 'Bressingham White' KW: *Bergenia*; Bressingham White; Xifragaceae IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: 86-228_FL.jpg Desc: Description: Image of Flower Size: 441761

URI: <http://hdl.handle.net/1813/814> Visits: 130

AU: TI: 95-146*A *Dryopteris xcomplexa* 'Robust' KW: *Dryopteris xcomplexa*; Robust; Polypodiaceae; Hybrid Male Fern; Sunny Border Ohio IssD: 2003-06-24 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: 95-146B_TG.JPG Desc: Description: Image of Plant Tag Size: 816221

URI: <http://hdl.handle.net/1813/1202> Visits: 680

AU: TI: 86-048*B *Aruncus Dioicus* KW: *Aruncus Dioicus*; Rosaceae; Eurasia; North America IssD: 2003-06-24 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1200> Visits: 711

AU: TI: 85-294*A *Galium odoratum* KW: *Galium odoratum*; Rubiaceae; Sweet Woodruff IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 85-294_PL.jpg Desc: Description: Image of Plant Size: 590244
URI: <http://hdl.handle.net/1813/991> Visits: 163

AU: TI: 00-477*A *Polygonatum xhybridum* 'Valerie's Song' KW: *Polygonatum xhybridum*; Valerie's Song; Liliaceae; Solomon's Seal; Sunny Border Ohio IssD: 2003-05-27 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 00-477A_FL.jpg Desc: Description: Image of Flower Size: 320483
URI: <http://hdl.handle.net/1813/981> Visits: 532

AU: TI: 99-131*A *Luzula sylvatica* 'Marginata' KW: *Luzula sylvatica*; Marginata IssD: 2003-06-24 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 99-131C_FO.jpg Desc: Description: Image of Flower Size: 347136
URI: <http://hdl.handle.net/1813/1204> Visits: 746

AU: TI: 96-297*A *Lysichiton camtschatcensis* KW: *Lysichiton camtschatcensis*; Araceae; Japanese Skunk Cabbage; North Eastern Asia; Heronswood Nursery IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 96-297A_PL.jpg Desc: Description: Image of Plant Size: 553351
URI: <http://hdl.handle.net/1813/822> Visits: 160

AU: TI: 96-297*A *Lysichiton camtschatcensis* KW: *Lysichiton camtschatcensis*; Araceae; Japanese Skunk Cabbage; North Eastern Asia; Heronswood Nursery IssD: 2003-06-24 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 96-297A_FR.jpg Desc: Description: Image of Flower Size: 318946
URI: <http://hdl.handle.net/1813/1203> Visits: 758

AU: TI: 89-051*A *Astrantia carniolica* 'Rubra' KW: *Astrantia carniolica*; Rubra IssD: 2003-06-24 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 89-051_FL.jpg Desc: Description: Image of Flower Size: 284168
URI: <http://hdl.handle.net/1813/1201> Visits: 636

AU: TI: 85-437*B *Hosta nakaiana* 'Golden Tiara' KW: *Hosta nakaiana*; Golden Tiara; Liliaceae; Lily; Klehm Nursery IssD: 2003-06-24 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 85-437C_PL.jpg Desc: Description: Image of Plant Size: 578504
URI: <http://hdl.handle.net/1813/1198> Visits: 118

AU: TI: 86-030*A *Osmunda regalis* var. *spectabilis* KW: *Osmunda regalis* var. *spectabilis*; Royal Fern; Osmundacea IssD: 2003-06-24 Pub: Publisher:
ABS: Collection: Treman Woodland Walk
File: 86-030_FO.jpg Desc: Description: Image of Flower Size: 364700

URI: <http://hdl.handle.net/1813/1199> Visits: 107

AU: TI: 87-013*C *Polystichum setiferum* KW: *Polystichum setiferum*; English Holly Fern IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: 87-013_PL.jpg Desc: Description: Image of Plant Size: 509759

URI: <http://hdl.handle.net/1813/995> Visits: 173

AU: TI: 82-108*A *Tellima grandiflora* KW: *Tellima grandiflora*; Fringecups; Saxifragaceae IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: 82-108_TG.jpg Desc: Description: Image of Plant Tag Size: 127853

URI: <http://hdl.handle.net/1813/1141> Visits: 123

AU: TI: 97-316*A *Caltha palustris* var. *alba* KW: *Caltha palustris* var. *alba*; White Marsh Marigold IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: 97-316_FL.jpg Desc: Description: Image of Flower Size: 285898

URI: <http://hdl.handle.net/1813/876> Visits: 167

AU: TI: 01-180*A *Helleborus xhybridus* 'Winter Joy Spotted White' KW: *Helleborus xhybridus*; Winter Joy Spotted White; Ranunculaceae; Hybrid Lenten Rose; Sunny Border Ohio IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: 01-180A_FL.jpg Desc: Description: Image of Flower Size: 357098

URI: <http://hdl.handle.net/1813/803> Visits: 412

AU: TI: 01-274*A *Caltha palustris* KW: *Caltha palustris*; Ranunculaceae; Marsh Marigold; Newfoundland; Arkansas; North Carolina; Tennessee; Eurasia; Shady Oaks Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Treman Woodland Walk

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/808> Visits: 404

AU: TI: 95-214*A *Silene* 'Longwood' KW: *Silene*; Longwood; Catchfly IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Walter C. Heasley, Jr. Rock Garden

File: 95-214_PL.jpg Desc: Description: Image of Plant Size: 584177

URI: <http://hdl.handle.net/1813/972> Visits: 646

AU: TI: 95-214*A *Silene* 'Longwood' KW: *Silene*; Longwood; Catchfly IssD: 2003-06-04 Pub: Publisher:

ABS: Collection: Walter C. Heasley, Jr. Rock Garden

File: 95-214_PL.jpg Desc: Description: Image of Plant Size: 591376

URI: <http://hdl.handle.net/1813/1188> Visits: 640

AU: TI: 93-085*A *Campanula poscharskyana* KW: *Campanula poscharskyana*; Bellflower; Campanulaceae; Northern Yugoslavia; Rocknoll Nursery IssD: 2003-06-25 Pub: Publisher:

ABS: Collection: Walter C. Heasley, Jr. Rock Garden
File: 93-085A_FL.jpg Desc: Description: Image of Flower Size: 338000
URI: <http://hdl.handle.net/1813/1197> Visits: 595

AU: TI: 86-540*A *Tetraneuris herbacea* KW: *Tetraneuris herbacea*; *Hymenoxys acaulis*; *Glabra*; Mountain Sunflower IssD: 2003-05-15 Pub: Publisher:
ABS: Collection: Walter C. Heasley, Jr. Rock Garden
File: 86-540_PL.jpg Desc: Description: Image of Plant Size: 586782
URI: <http://hdl.handle.net/1813/760> Visits: 163

AU: TI: 86-528*A *Iris 'Gay Lassie'* KW: *Iris*; *Gay Lassie*; Iridaceae IssD: 2003-05-22 Pub: Publisher:
ABS: Collection: Walter C. Heasley, Jr. Rock Garden
File: 86-528_FL.jpg Desc: Description: Image of Flower Size: 319559
URI: <http://hdl.handle.net/1813/965> Visits: 157

AU: TI: 94-201*A *Cotoneaster dammeri 'Streib's Findling'* KW: *Cotoneaster dammeri*; *Streib's Findling* IssD: 2003-06-04 Pub: Publisher:
ABS: Collection: Walter C. Heasley, Jr. Rock Garden
File: 94-201_FL.jpg Desc: Description: Image of Flower Size: 429125
URI: <http://hdl.handle.net/1813/1187> Visits: 725

AU: TI: 87-215*A *Phlox subulata 'Emerald Blue'* KW: *Phlox subulata*; *Emerald Blue* IssD: 2003-05-25 Pub: Publisher:
ABS: Collection: Walter C. Heasley, Jr. Rock Garden
File: 87-215_FL.jpg Desc: Description: Image of Flower Size: 353010
URI: <http://hdl.handle.net/1813/761> Visits: 204

AU: TI: 89-103*A *Iberis 'Sayana'* KW: *Iberis*; *Sayana* IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Walter C. Heasley, Jr. Rock Garden
File: 89-103_PL.jpg Desc: Description: Image of Flower Size: 656706
URI: <http://hdl.handle.net/1813/954> Visits: 148

AU: TI: 86-300*A *Geranium renardii* KW: *Geranium renardii*; *Geranium*; Geraniaceae; Caucasus Mountains IssD: 2003-06-04 Pub: Publisher:
ABS: Collection: Walter C. Heasley, Jr. Rock Garden
File: 86-300_FL.jpg Desc: Description: Image of Flower Size: 414530
URI: <http://hdl.handle.net/1813/1185> Visits: 590

AU: Loucks, Daniel P.; van Beek, Eelco; Stedinger, Jerry R.; Dijkman, Jozef P.M.; Villars, Monique T. TI: *Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications* KW: *Water resources systems*; *planning and management* IssD: 2005 Pub: Publisher:
ABS: Collection: *Water Resources Systems Planning and Management - Book*
File: 20_index.pdf Desc: Description: Index Size: 152901
URI: <http://hdl.handle.net/1813/2804> Visits: 380

AU: Loucks, Daniel P.; van Beek, Eelco TI: Water Resources Systems - Exercises: Genetic Algorithms and Artificial Neural Networks KW: Water Resources Systems; Exercises IssD: 2005 Pub: Publisher:

ABS: Collection: Water Resources Systems Planning and Management - Exercises File: ANN - GenAlgorithim.zip Desc: Description: ANN - GenAlgorithm ZIP file Size: 901310

URI: <http://hdl.handle.net/1813/2807> Visits: 166

AU: Loucks, Daniel P.; van Beek, Eelco TI: Water Resources Systems Planning and Management - Exercises KW: Water Resources Systems Planning and Management; Exercises IssD: 2005 Pub: Publisher:

ABS: These are exercises associated with each chapter and software of the book: "Water Resources Systems Planning and Management". These exercises are designed to help ind Collection: Water Resources Systems Planning and Management - Exercises

File: Exercises.doc Desc: Description: Exercises (WORD version) Size: 1281536

URI: <http://hdl.handle.net/1813/2805> Visits: 210

AU: Loucks, Daniel P.; van Beek, Eelco TI: Water Resources Systems Planning and Management - Facts about Water KW: Water Resources Systems IssD: 2005 Pub: Publisher:

ABS: Some selected facts...1 | Facts about water in Africa...9 | Facts about water in Asia...10 | Facts about water in Europe ...14 | Facts about water in Latin America and the Caribbean...15 | Facts about water in the US...16 | Facts on women and water...18 | Facts about water and population...19 | Facts about water and natural disasters...20 | Facts about floods...21 | Facts on desertification and drought...22 | Facts about drylands...24 | Facts about wetlands...25 | Facts about groundwater...26 | Facts about fog...27 | Facts about water quality...28 | Facts about river basins...29 | Facts about water use...30 | Facts about water and energy...32 | Facts about water and cities...33 | Facts on water and (un)sustainable development...34 | Facts about water price...35 | Facts about biodiversity...36 | Facts about water and dams...38 | Facts on water and poverty...39 | Facts about water, religions and beliefs...40 | Facts about the UN millennium development goals...41 Collection: Water Resources Systems Planning and Management - Facts about Water

File: Facts about Water.pdf Desc: Description: Size: 139984

URI: <http://hdl.handle.net/1813/2808> Visits: 259

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 2 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Chapter 2 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: Fig 2-1 Fortune teller.jpg Desc: Description: Size: 611449

URI: <http://hdl.handle.net/1813/2962> Visits: 122

AU: Loucks, Daniel P.; van Beek, Eelco TI: Appendix D - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Appendix D of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: Fig D-14 Green river 1.jpg Desc: Description: Size: 177797
URI: <http://hdl.handle.net/1813/2959> Visits: 207

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 7 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 7 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: E020527r.jpg Desc: Description: Size: 53276
URI: <http://hdl.handle.net/1813/2993> Visits: 226

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 11 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 11 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Fig 1-5 RBM table.jpg Desc: Description: Size: 1487198
URI: <http://hdl.handle.net/1813/2997> Visits: 219

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 13 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 13 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Fig 13-3 WTP San Luis Obispo.jpg Desc: Description: Size: 64844
URI: <http://hdl.handle.net/1813/2999> Visits: 210

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 8 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 8 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Figure 8-1.jpg Desc: Description: Size: 30303
URI: <http://hdl.handle.net/1813/2994> Visits: 190

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 10 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 10 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Figure 10-1.jpg Desc: Description: Size: 54710
URI: <http://hdl.handle.net/1813/2996> Visits: 229

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 14 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 14 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: E040716a.jpg Desc: Description: Size: 306886

URI: <http://hdl.handle.net/1813/3000> Visits: 225

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 4 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Chapter 4 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: Box 4-1.jpg Desc: Description: Size: 191567

URI: <http://hdl.handle.net/1813/2990> Visits: 298

AU: Loucks, Daniel P.; van Beek, Eelco TI: Appendix B - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Appendix B of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: Figure B-1.jpg Desc: Description: Size: 104566

URI: <http://hdl.handle.net/1813/2961> Visits: 180

AU: Loucks, Daniel P.; van Beek, Eelco TI: Appendix E - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Appendix E of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: Figure E-1.jpg Desc: Description: Size: 78189

URI: <http://hdl.handle.net/1813/2960> Visits: 133

AU: Loucks, Daniel P.; van Beek, Eelco TI: Appendix A - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Appendix A of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: Fig A-38 SFWMD.jpg Desc: Description: Size: 58863

URI: <http://hdl.handle.net/1813/2984> Visits: 275

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 12 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Chapter 12 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: Figure 11-25.jpg Desc: Description: Size: 58176

URI: <http://hdl.handle.net/1813/2998> Visits: 238

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 1 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:

ABS: Figures and Tables from Chapter 1 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables

File: E040223b-approach.jpg Desc: Description: Size: 169772

URI: <http://hdl.handle.net/1813/2856> Visits: 463

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 3 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 3 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Figure 3-2.jpg Desc: Description: Size: 45176
URI: <http://hdl.handle.net/1813/2963> Visits: 138

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 9 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 9 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Figure 9-1.jpg Desc: Description: Size: 81973
URI: <http://hdl.handle.net/1813/2995> Visits: 354

AU: Loucks, Daniel P.; van Beek, Eelco TI: Appendix C - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Appendix C of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Figure C-1.jpg Desc: Description: Size: 110673
URI: <http://hdl.handle.net/1813/2958> Visits: 154

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 6 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 6 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Figure 6-1.jpg Desc: Description: Size: 109026
URI: <http://hdl.handle.net/1813/2992> Visits: 143

AU: Loucks, Daniel P.; van Beek, Eelco TI: Chapter 5 - Figures and Tables KW: Water resources systems; Figures and Tables IssD: 2005 Pub: Publisher:
ABS: Figures and Tables from Chapter 5 of "Water Resources Systems Planning and Management: An Introduction to Methods, Models and Applications". Collection: Water Resources Systems Planning and Management - Figures and Tables
File: Box 5-1.jpg Desc: Description: Size: 110788
URI: <http://hdl.handle.net/1813/2991> Visits: 168

AU: Loucks, Daniel P. TI: WBalMo Software Installation and User's manuals KW: Water Resources Systems; Simulations IssD: 2003 Pub: Publisher:
ABS: WBalMo (Water balance Model) is an interactive simulation system for river-basin management. These manuals were distributed with the UNESCO produced "Water Resources Systems Planning and Management" by Daniel P. Loucks and Eelco van Beek. Collection: Water Resources Systems Planning and Management - Simulation models

File: wbalmo22_readme_installation.doc Desc: Description: WBalMo Installation Document Size: 184320

URI: <http://hdl.handle.net/1813/2833> Visits: 217

AU: Loucks, Daniel P. TI: WEAP ("Water Evaluation And Planning" system) KW: Water Resources Systems; Simulations IssD: 2005 Pub: Publisher:

ABS: WEAP ("Water Evaluation And Planning" system is a user-friendly software tool that takes an integrated approach to water resources planning. Freshwater management challenges are increasingly common. Allocation of limited water resources between agricultural, municipal and environmental uses now requires the full integration of supply, demand, water quality and ecological considerations. The Water Evaluation and Planning system, or WEAP, aims to incorporate these issues into a practical yet robust tool for integrated water resources planning. WEAP is developed by the Stockholm Environment Institute's Boston Center at the Tellus Institute. For more information check out the web site: <http://www.weap21.org/>. Included here is a ZIP file of the WEAP system. Collection: Water Resources Systems Planning and Management - Simulation models

File: WEAP.zip Desc: Description: WEAP ZIP file Size: 34903504

URI: <http://hdl.handle.net/1813/2832> Visits: 214

AU: Loucks, Daniel P. TI: RIBASIM Version 6.33.13 : River Basin Simulation Model KW: River Basin; Simulation Model IssD: 2005 Pub: Publisher:

ABS: This contains the README.txt file for Ribasim system. Also a ZIP file containing the contents of the cd of RIBASIM containing 3 sets of Se Collection: Water Resources Systems Planning and Management - Simulation models

File: readme.txt Desc: Description: README File Size: 9468

URI: <http://hdl.handle.net/1813/2831> Visits: 192

AU: Loucks, Daniel P. TI: Examples Decision Support Systems for River Basin Simulation KW: Water Resources Systems; Simulations IssD: 2005 Pub: Publisher:

ABS: The following are programs designed to Collection: Water Resources Systems Planning and Management - Simulation models

File: Examples River Basin DSS.pdf Desc: Description: Simulation PDF Size: 163819

URI: <http://hdl.handle.net/1813/2830> Visits: 227

AU: Tolson, Bryan A.; Shoemaker, Christine A. TI: Watershed modeling of the Cannonsville Basin using SWAT2000: Model KW: watershed modeling IssD: 2004-02-19 Pub: Publisher:

ABS: This report des Collection: Watershed Management

File: 2004-2.pdf Desc: Description: Size: 2185827

URI: <http://hdl.handle.net/1813/2710> Visits: 186

AU: TI: 97-111*A Malus 'Robinson' KW: Malus; Robinson; Rosaceae; Flowering Crabapple; Bailey Nurseries IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-111A_FL.jpg Desc: Description: Image of Flower Size: 331730

URI: <http://hdl.handle.net/1813/973> Visits: 151

AU: TI: 98-182*A Indigofera kirilowii KW: Leguminosae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-182A_FL.jpg Desc: Description: Size: 312024

URI: <http://hdl.handle.net/1813/2072> Visits: 133

AU: TI: 97-104*E Spiraea fritschiana KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-104_PL.jpg Desc: Description: Size: 644114

URI: <http://hdl.handle.net/1813/2055> Visits: 95

AU: TI: 00-461*A Berberis thunbergii 'Gentry' ROYAL BURGUNDY KW: Berberis thunbergii; Gentry's Cultivar; Berberidaceae; Royal Burgundy; Dwarf Purple-leaf Barberry; Edgewood Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-461A_FO.jpg Desc: Description: Image of Flower Size: 490570

URI: <http://hdl.handle.net/1813/1134> Visits: 591

AU: TI: 97-010*A Spiraea xarguta 'Compacta' KW: Spiraea xarguta; Compacta; Rosaceae; Dwarf Garland Spirea; Cornell Plantations IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-010A_TG.jpg Desc: Description: Image of Plant Tag Size: 494028

URI: <http://hdl.handle.net/1813/838> Visits: 124

AU: TI: 00-570*A Weigela florida 'Red Prince' KW: Caprifoliaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-570A_BR.jpg Desc: Description: Size: 465631

URI: <http://hdl.handle.net/1813/2013> Visits: 362

AU: TI: 99-428*B Potentilla fruticosa 'Pink Beauty' KW: Rosaceae IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-428B_FL.jpg Desc: Description: Size: 283517

URI: <http://hdl.handle.net/1813/2089> Visits: 874

AU: TI: 00-501*E Berberis thunbergii 'Golden Nugget' KW: Berberis thunbergii; Golden Nugget; Berberidaceae; Dwarf Golden Japanese Barberry; Edgewood Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-501E_FO.jpg Desc: Description: Image of Flower Size: 521622

URI: <http://hdl.handle.net/1813/1135> Visits: 509

AU: TI: 00-130*B Weigela florida 'Brigela' FRENCH LACE KW: Caprifoliaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-130B_FL.jpg Desc: Description: Size: 332595

URI: <http://hdl.handle.net/1813/2004> Visits: 1134

AU: TI: 99-040*B *Berberis thunbergii* 'Aurea' KW: *Berberis thunbergii*; Aurea; Berberidaceae; Golden Leaved Japanese Barberry; Heronswood Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-040B_FO.jpg Desc: Description: Image of Flower Size: 541308

URI: <http://hdl.handle.net/1813/1180> Visits: 385

AU: TI: 97-130*A *Viburnum prunifolium* 'Early Red' KW: *Viburnum prunifolium*; Early Red; Caprifoliaceae; Blackhaw; Fairweather Gardens Nursery IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-130A_FL.jpg Desc: Description: Image of Flower Size: 348904

URI: <http://hdl.handle.net/1813/1002> Visits: 155

AU: TI: 99-429*B *Potentilla fruticosa* 'Abbotswood' KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-429B_FL.jpg Desc: Description: Size: 341252

URI: <http://hdl.handle.net/1813/2090> Visits: 836

AU: TI: 01-009*C *Caragana microphylla* KW: Fabaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-009C_FL.jpg Desc: Description: Size: 279140

URI: <http://hdl.handle.net/1813/2014> Visits: 284

AU: TI: 00-511*A *Berberis thunbergii* 'Rose Glow' AGM KW: *Berberis thunbergii*; Rose Glow AGM; Berberidaceae; Rose Glow Japanese Barberry; Plantasia Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-511A_FL.jpg Desc: Description: Image of Flower Size: 361667

URI: <http://hdl.handle.net/1813/1136> Visits: 467

AU: TI: 00-505*A *Hemerocallis* 'Black Eyed Stella' ANNUAL WINNER KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-505A_FL.jpg Desc: Description: Size: 309876

URI: <http://hdl.handle.net/1813/2007> Visits: 379

AU: TI: 98-385*A *Salix integra* 'Hakuro Nishiki' KW: *Salix integra*; Hakuro Nishiki; Salicaceae; Dappled Willow; Forest Farm Nursery IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-385A_FO2.jpg Desc: Description: Image of Plant Size: 331314

URI: <http://hdl.handle.net/1813/978> Visits: 388

AU: TI: 99-008*B *Cotoneaster acutifolius* KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-008B_FL.jpg Desc: Description: Size: 324131

URI: <http://hdl.handle.net/1813/2084> Visits: 220

AU: TI: 97-099*A Philadelphus 'Natchez' KW: Saxifragaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-099A_FL.jpg Desc: Description: Size: 302158

URI: <http://hdl.handle.net/1813/2054> Visits: 113

AU: TI: 85-395*F Fothergilla gardenii KW: Fothergilla gardenii; Dwarf Fothergilla; Hamamelidaceae; South Eastern United States; Edgewood Nursery IssD: 2003-05-22 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 85-395F_FL.jpg Desc: Description: Image of Flower Size: 439833

URI: <http://hdl.handle.net/1813/962> Visits: 149

AU: TI: 00-457*A Viburnum lantana 'Variegatum' KW: Viburnum lantana; Variegatum; Caprifoliaceae; Variegated Wayfaring Tree; Edgewood Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/801> Visits: 538

AU: TI: 98-380*A Hemerocallis 'Witch Hazel' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-380A_FL.jpg Desc: Description: Size: 311391

URI: <http://hdl.handle.net/1813/2081> Visits: 131

AU: TI: 95-293 Viburnum Veitchii KW: Viburnum Veitchii; Caprifoliaceae; China; CP 77-326 IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/820> Visits: 126

AU: TI: 97-104*E Spiraea fritschiana KW: Spiraea fritschiana; Rosaceae IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-104_FL.jpg Desc: Description: Image of Flower Size: 370519

URI: <http://hdl.handle.net/1813/1052> Visits: 126

AU: TI: 96-271*A Spiraea 'June Bride' KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 96-271A_FL.jpg Desc: Description: Size: 361320

URI: <http://hdl.handle.net/1813/2051> Visits: 106

AU: TI: 88-144*D Viburnum 'Oneida' KW: Caprifoliaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 88-144D_FL.jpg Desc: Description: Size: 477576

URI: <http://hdl.handle.net/1813/2040> Visits: 86

AU: TI: 97-465*A Spiraea xbumalda 'Dolchica' KW: Rosaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-465_FL.jpg Desc: Description: Size: 388477

URI: <http://hdl.handle.net/1813/2061> Visits: 99

AU: TI: 84-375*A Neillia sinensis KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 84-375A_FL.jpg Desc: Description: Size: 267458

URI: <http://hdl.handle.net/1813/2035> Visits: 95

AU: TI: 98-379*A Hemerocallis 'Staghorn Sumac' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-379A_FL.jpg Desc: Description: Size: 255095

URI: <http://hdl.handle.net/1813/2080> Visits: 129

AU: TI: 01-305*D Spiraea japonica 'Shirobana' KW: Rosaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-305D_FL.jpg Desc: Description: Size: 345469

URI: <http://hdl.handle.net/1813/2020> Visits: 288

AU: TI: 99-411*A Hemerocallis 'Scarlet Orbit' AWARD OF MERIT HONORABLE MENTION KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-411_FL.jpg Desc: Description: Size: 304850

URI: <http://hdl.handle.net/1813/2088> Visits: 904

AU: TI: 03-203*A Spiraea japonica 'White Gold' PRELIMINARY COMMENDATION KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 03-203A_FL.jpg Desc: Description: Size: 262579

URI: <http://hdl.handle.net/1813/2032> Visits: 182

AU: TI: 98-361*A Hemerocallis 'Siloam Little Girl' KW: Liliaceae IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-361A_FL.jpg Desc: Description: Size: 280899

URI: <http://hdl.handle.net/1813/2074> Visits: 148

AU: TI: 01-052*A Deutzia ningpoensis KW: Saxifragaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-052A_FL.jpg Desc: Description: Size: 272196

URI: <http://hdl.handle.net/1813/2017> Visits: 265

AU: TI: 00-117*C *Potentilla fruticosa* 'Fargo' DAKOTA SUNSPOT KW: *Potentilla fruticosa*; Fargo; Dakota Sunspot; Rosaceae; Shrubby Cinquefoil; Arbor Village Farm
IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: license.txt Desc: Description: Size: 1797
URI: <http://hdl.handle.net/1813/1039> Visits: 1225

AU: TI: 95-270*C *Cotoneaster lucidus* KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 95-270C_PL.jpg Desc: Description: Size: 715868
URI: <http://hdl.handle.net/1813/2048> Visits: 109

AU: TI: 00-529*A *Hemerocallis* 'Prairie Blue Eyes' KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 00-529A_FL.jpg Desc: Description: Size: 297876
URI: <http://hdl.handle.net/1813/2011> Visits: 269

AU: TI: 00-511*A *Berberis thunbergii* 'Rose Glow' AGM KW: Berberidaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 00-511A_FO.jpg Desc: Description: Size: 537184
URI: <http://hdl.handle.net/1813/2009> Visits: 358

AU: TI: 86-315*A *Cotinus* 'Flame' KW: Anacardiaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 86-315A_FL.jpg Desc: Description: Size: 420554
URI: <http://hdl.handle.net/1813/2037> Visits: 99

AU: TI: 99-029*C *Neillia uekii* KW: Rosaceae IssD: 2003-06-16 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 99-029C_FL.jpg Desc: Description: Size: 289713
URI: <http://hdl.handle.net/1813/2086> Visits: 887

AU: TI: 99-437*A *Syringa vulgaris* 'Aucubaefolia' KW: *Syringa vulgaris*; *Aucubaefolia*; Oleaceae; Common Lilac; Fairweather Gardens Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 99-437A_PL.jpg Desc: Description: Image of Plant Size: 680262
URI: <http://hdl.handle.net/1813/1181> Visits: 578

AU: TI: 97-425*B *Viburnum* 'Emerald Triumph' KW: *Viburnum*; Emerald Triumph; Caprifoliaceae; Bailey Nurseries IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 97-425B_FL.jpg Desc: Description: Image of Flower Size: 293807
URI: <http://hdl.handle.net/1813/847> Visits: 160

AU: TI: 01-318*A *Hemerocallis* 'Chicago Star' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 01-318A_FL.jpg Desc: Description: Size: 251777
URI: <http://hdl.handle.net/1813/2024> Visits: 192

AU: TI: 01-417*A Spiraea 'Anna Feih' KW: Rosaceae IssD: 2003-06-24 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 01-417_FL.jpg Desc: Description: Size: 488280
URI: <http://hdl.handle.net/1813/2029> Visits: 245

AU: TI: 00-047*A Cotinus coggygria 'Nordine Red' KW: Anacardiaceae IssD: 2003-07-15
Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 00-047_FL.jpg Desc: Description: Size: 429237
URI: <http://hdl.handle.net/1813/1999> Visits: 1007

AU: TI: 97-362*B Viburnum sargentii 'Flavum' KW: Caprifoliaceae IssD: 2003-06-17
Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 97-362B_FL.jpg Desc: Description: Size: 384096
URI: <http://hdl.handle.net/1813/2058> Visits: 116

AU: TI: 98-039*B Malus 'Jewelcole' RED JEWEL KW: Malus; Jewelcole; Rosaceae; Red
Jewel; Flowering Crabapple; Arbor Village Farm IssD: 2003-05-19 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 98-039B_FL.jpg Desc: Description: Image of Flower Size: 306183
URI: <http://hdl.handle.net/1813/880> Visits: 160

AU: TI: 86-171*C Viburnum plicatum f. tomentosum 'Mariesii' KW: Caprifoliaceae
IssD: 2003-07-31 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 86-171C_FR.jpg Desc: Description: Size: 283955
URI: <http://hdl.handle.net/1813/2036> Visits: 180

AU: TI: 86-324 Viburnum carlesii KW: Viburnum carlesii; Compactum; Caprifoliaceae;
Dwarf Korean Spice Viburnum; Honeysuckle IssD: 2003-05-20 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 86-324_FL.jpg Desc: Description: Image of Flower Size: 271252
URI: <http://hdl.handle.net/1813/920> Visits: 146

AU: TI: 98-373*A Hemerocallis 'Tree Swallow' KW: Liliaceae IssD: 2003-07-30 Pub:
Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 98-373A_FL.jpg Desc: Description: Size: 278981
URI: <http://hdl.handle.net/1813/2077> Visits: 134

AU: TI: 98-102*B Fontanesia fortunei 'Titan' KW: Oleaceae IssD: 2003-06-17 Pub:
Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 98-102B_FL.jpg Desc: Description: Size: 291479

URI: <http://hdl.handle.net/1813/2068> Visits: 125

AU: TI: 00-448*A Viburnum lantana 'Mohican' KW: Viburnum lantana; Mohican; Caprifoliaceae; Wayfaring Tree; Plantasia Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-448B_FL.jpg Desc: Description: Image of Flower Size: 401300

URI: <http://hdl.handle.net/1813/826> Visits: 776

AU: TI: 01-185*A Deutzia 'Strawberry Fields' KW: Deutzia; Strawberry Fields; Saxifragaceae; Greer Gardens IssD: 2003-06-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-185A_FL.jpg Desc: Description: Image of Flower Size: 445895

URI: <http://hdl.handle.net/1813/1043> Visits: 343

AU: TI: 99-016*A Spiraea xvanhouttei 'Catpan' PINK ICE KW: Rosaceae IssD: 2003-06-13 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-016A_FL.jpg Desc: Description: Size: 397290

URI: <http://hdl.handle.net/1813/2085> Visits: 172

AU: TI: 97-523*A Hemerocallis 'Crimson Joy' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-523A_PL.jpg Desc: Description: Size: 613821

URI: <http://hdl.handle.net/1813/2066> Visits: 113

AU: TI: 93-004*A Spiraea nipponica 'Halward's Silver' KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 93-004A_FL1.jpg Desc: Description: Size: 377456

URI: <http://hdl.handle.net/1813/2045> Visits: 107

AU: TI: 99-017*A Syringa 'Miss Canada' KW: Syringa; Miss Canada; Oleaceae; Preston Lilac; Forest Farm Nursery IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-077A_FL.jpg Desc: Description: Image of Flower Size: 392242

URI: <http://hdl.handle.net/1813/1350> Visits: 344

AU: TI: 00-528*A Hemerocallis 'Buttered Popcorn' BEST CLUMP KW: Liliaceae IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-528A_FL.jpg Desc: Description: Size: 302614

URI: <http://hdl.handle.net/1813/2010> Visits: 367

AU: TI: 02-383*A Pennisetum orientale 'Karley Rose' KW: Poaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 02-383A_FL.jpg Desc: Description: Size: 282837

URI: <http://hdl.handle.net/1813/2031> Visits: 161

AU: TI: 01-019*B *Hypericum prolificum* KW: Clusiaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-019B_FL.jpg Desc: Description: Size: 381532

URI: <http://hdl.handle.net/1813/2016> Visits: 247

AU: TI: 86-471*H *Syringa pubescens* ssp. *patula* 'Miss Kim' KW: Oleaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 86-471H_FL.jpg Desc: Description: Size: 390374

URI: <http://hdl.handle.net/1813/2038> Visits: 131

AU: TI: 00-102*C *Euonymus europaeus* 'Red Cap' KW: *Euonymus europaeus*; Red Cap; Celastraceae; European Spindle Tree; Arbor Village Farms IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/1157> Visits: 1212

AU: TI: 01-322*A *Hemerocallis* 'Pandora's Box' Honorable Mention Award of Merit KW: Liliaceae IssD: 2003--7-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-322A_FL.jpg Desc: Description: Size: 264705

URI: <http://hdl.handle.net/1813/2025> Visits: 246

AU: TI: 00-487*A *Hemerocallis* 'Sparkling Orange' HONORABLE MENTION KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-487A_FL.jpg Desc: Description: Size: 328022

URI: <http://hdl.handle.net/1813/2005> Visits: 293

AU: TI: 00-552*B *Spiraea xbumalda* 'Dart's Red' KW: Rosaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-552B_FL.jpg Desc: Description: Size: 359863

URI: <http://hdl.handle.net/1813/2012> Visits: 272

AU: TI: 01-317*A *Hemerocallis* 'Barbary Corsair' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-317A_FL.jpg Desc: Description: Size: 269693

URI: <http://hdl.handle.net/1813/2023> Visits: 381

AU: TI: 01-018*A *Hypericum densiflorum* KW: Clusiaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-018A_FL.jpg Desc: Description: Size: 296038

URI: <http://hdl.handle.net/1813/2015> Visits: 274

AU: TI: 01-307*A Spiraea japonica 'Neon Flash' KW: Rosaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-307A_FL.jpg Desc: Description: Size: 345837

URI: <http://hdl.handle.net/1813/2021> Visits: 318

AU: TI: 98-081*A Hemerocallis 'Luxury Lace' KW: Liliaceae IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-081A_FL.jpg Desc: Description: Size: 137263

URI: <http://hdl.handle.net/1813/2067> Visits: 126

AU: TI: 96-419*A Berberis 'Tara' EMERALD CAROUSEL KW: Berberis; Tara; Berberidaceae; Emerald Carousel; Barberry IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 96-419A_FL.jpg Desc: Description: Image of Flower Size: 285556

URI: <http://hdl.handle.net/1813/904> Visits: 127

AU: TI: 00-456*D Viburnum 'Mohawk' GOLD MEDAL AWARD OF MERIT KW: Viburnum; Mohawk; Caprifoliaceae; Gold Medal Award of Merit; Fragrant Viburnum; Edgwood Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-456D_FL.jpg Desc: Description: Image of Flower Size: 252932

URI: <http://hdl.handle.net/1813/800> Visits: 571

AU: TI: 77-743*A Fothergilla major KW: Fothergilla major; Hamamelidaceae; Large Fothergilla; Allegheny Mountains; Virginia; South Carolina; Cornell Plantations IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 77-743A_FL.jpg Desc: Description: Image of Flower Size: 408693

URI: <http://hdl.handle.net/1813/813> Visits: 183

AU: TI: 97-133*A Berberis thunbergii 'Sparkle' KW: Berberis thunbergii; Sparkle; Berberidaceae; Japanese Barberry; Forest Farm Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/841> Visits: 129

AU: TI: 98-360*A Hemerocallis 'Preppie' KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-360A_FL.jpg Desc: Description: Size: 278913

URI: <http://hdl.handle.net/1813/2073> Visits: 130

AU: TI: 97-331*A Hydrangea paniculata 'White Moth' KW: Saxifragaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-331A_FL.jpg Desc: Description: Size: 226499

URI: <http://hdl.handle.net/1813/2057> Visits: 138

AU: TI: 98-182*A *Indigofera kirilowii* KW: *Indigofera kirilowii*; Leguminosae; Kirilow Indigo; China; Korea; Japan; Plant Delights IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-182A_FL.jpg Desc: Description: Image of Flower Size: 499191

URI: <http://hdl.handle.net/1813/1177> Visits: 145

AU: TI: 98-050*A *Viburnum lantana* 'Aureum' KW: *Viburnum lantana*; Aureum; Caprifoliaceae; Wayfaring Tree; Arbor Village Farms IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-050A_FO.jpg Desc: Description: Image of Flower Size: 393272

URI: <http://hdl.handle.net/1813/1154> Visits: 132

AU: TI: 99-018*A *Berberis thunbergii* 'Silver Mile' KW: *Berberis thunbergii*; Silver Mile; Berberidaceae; Japanese Barberry; Forest Farm Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 99-018A_FL.jpg Desc: Description: Image of Flower Size: 411023

URI: <http://hdl.handle.net/1813/1156> Visits: 221

AU: TI: 98-128*A *Berberis thunbergii* 'Golden Ring' KW: *Berberis thunbergii*; Golden Ring; Berberidaceae; Japanese Barberry IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-128_FL.jpg Desc: Description: Image of Flower Size: 349202

URI: <http://hdl.handle.net/1813/848> Visits: 162

AU: TI: 97-102*B *Rhodotypos scandens* KW: *Rhodotypos scandens*; Black Jetbead; Rosaceae; Japan; Central China; Bailey Nurseries IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: license.txt Desc: Description: Size: 1797

URI: <http://hdl.handle.net/1813/840> Visits: 134

AU: TI: 85-395*A *Fothergilla gardenii* KW: *Fothergilla gardenii*; Hamamelidaceae; Dwarf Fothergilla; Virginia; Edgewood Nursery; Georgia IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 85-395A_FL.jpg Desc: Description: Image of Flower Size: 398405

URI: <http://hdl.handle.net/1813/833> Visits: 148

AU: TI: 97-189*C *Malus baccata* 'Walters' KW: *Malus baccata*; Walters; Rosaceae; Siberian Crabapple; Johnson's Nursery IssD: 2003-05-19 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-189C_FL.jpg Desc: Description: Image of Flower Size: 380406

URI: <http://hdl.handle.net/1813/875> Visits: 166

AU: TI: 98-136*B *Salix repens* ssp. *arenaria* KW: *Salix repens* ssp. *arenaria*; Creeping Willow; Salicaceae; Western Europe; Heronswood Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-136B_FL.jpg Desc: Description: Image of Flower Size: 400865

URI: <http://hdl.handle.net/1813/849> Visits: 179

AU: TI: 97-076*B Cotinus 'Grace' AM Cory Cup FCC KW: Cotinus; Grace; AM Cory Cup FCC; Anacardiaceae; Smoke Bush; Arbor Village Nursery IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-076B_PL.jpg Desc: Description: Image of Plant Size: 690702

URI: <http://hdl.handle.net/1813/1347> Visits: 262

AU: TI: 98-368*A Hemerocallis 'Ruffled Apricot' KW: Liliaceae IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-368_FL.jpg Desc: Description: Size: 321684

URI: <http://hdl.handle.net/1813/2075> Visits: 138

AU: TI: 97-520*A Hemerocallis 'Celebrity Elite' KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-520A_FL.jpg Desc: Description: Size: 318930

URI: <http://hdl.handle.net/1813/2065> Visits: 119

AU: TI: 98-142*C Weigela 'Looymansii Aurea' KW: Caprifoliaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-142C_FL.jpg Desc: Description: Size: 275127

URI: <http://hdl.handle.net/1813/2071> Visits: 122

AU: TI: 98-440*A Hemerocallis 'Caprician Fiesta' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-440A_FL.jpg Desc: Description: Size: 311562

URI: <http://hdl.handle.net/1813/2082> Visits: 131

AU: TI: 98-461*A Hemerocallis 'Soft Lavender' KW: Liliaceae IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-461A_FL.jpg Desc: Description: Size: 286991

URI: <http://hdl.handle.net/1813/2083> Visits: 147

AU: TI: 98-130*C Deutzia gracilis 'Nikko' Gold Medal KW: Saxifragaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-130C_FL.jpg Desc: Description: Size: 372823

URI: <http://hdl.handle.net/1813/2069> Visits: 137

AU: TI: 97-499*A Hemerocallis 'Skylark' KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-499A_FL.jpg Desc: Description: Size: 295159

URI: <http://hdl.handle.net/1813/2063> Visits: 112

AU: TI: 97-168*A Sambucus nigra ssp. canadensis 'Maxima' KW: Caprifoliaceae IssD: 2003-07-28 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-168_FL.jpg Desc: Description: Size: 486800

URI: <http://hdl.handle.net/1813/2056> Visits: 124

AU: TI: 97-506*A Hemerocallis 'Baja' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-506A_FL.jpg Desc: Description: Size: 318155

URI: <http://hdl.handle.net/1813/2064> Visits: 130

AU: TI: 95-222*A Hemerocallis 'Sherwood Gladiator' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 95-222A_FL.jpg Desc: Description: Size: 321484

URI: <http://hdl.handle.net/1813/2047> Visits: 115

AU: TI: 95-221*A Hemerocallis 'Sherwood Soldier' KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 95-221A_FL.jpg Desc: Description: Size: 308653

URI: <http://hdl.handle.net/1813/2046> Visits: 109

AU: TI: 97-083*E Philadelphus 'Buckley's Quill' KW: Saxifragaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-083E_FL.jpg Desc: Description: Size: 284878

URI: <http://hdl.handle.net/1813/2053> Visits: 113

AU: TI: 91-181*A Spiraea betulifolia KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 91-181A_FL.jpg Desc: Description: Size: 305232

URI: <http://hdl.handle.net/1813/2043> Visits: 104

AU: TI: 87-222*A Hydrangea serrata 'Bluebird' KW: Saxifragaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 87-222A_IFL.jpg Desc: Description: Size: 236262

URI: <http://hdl.handle.net/1813/2039> Visits: 160

AU: TI: 01-185*A Deutzia 'Strawberry Fields' KW: Saxifragaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-185A_PL.jpg Desc: Description: Size: 660890

URI: <http://hdl.handle.net/1813/2019> Visits: 295

AU: TI: 98-122*A Weigela florida 'Rumba' KW: Weigela florida; Rumba; Caprifoliaceae; Forest Farm Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 98-122A_FL.jpg Desc: Description: Image of Flower Size: 483593
URI: <http://hdl.handle.net/1813/1176> Visits: 193

AU: TI: 98-137*C Sambucus nigra 'Aureomarginata' KW: Caprifoliaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 98-137C_FO.jpg Desc: Description: Size: 446092
URI: <http://hdl.handle.net/1813/2070> Visits: 129

AU: TI: 01-316*A Hemerocallis 'Addie Branch Smith' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 01-316A_FL.jpg Desc: Description: Size: 297995
URI: <http://hdl.handle.net/1813/2022> Visits: 199

AU: TI: 00-504*A Hemerocallis 'Miss Amelia' KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 00-504A_FL.jpg Desc: Description: Size: 238234
URI: <http://hdl.handle.net/1813/2006> Visits: 379

AU: TI: 98-372*A Hemerocallis 'Siloam Pink Petite' KW: Liliaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 98-372A_FL.jpg Desc: Description: Size: 249281
URI: <http://hdl.handle.net/1813/2076> Visits: 141

AU: TI: 03-215*A Syringa pubescens ssp. patula 'Klmone' MISS SUSIE KW: Syringa pubescens ssp. patula; Klmone; Oleaceae; Miss Susie; Lilac; Klehm Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 03-215A_FL.jpg Desc: Description: Image of Flower Size: 517472
URI: <http://hdl.handle.net/1813/1161> Visits: 179

AU: TI: 96-164*B Hydrangea quercifolia 'Harmony' KW: Saxifragaceae IssD: 2003-08-05 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 96-164B_FL.jpg Desc: Description: Size: 292804
URI: <http://hdl.handle.net/1813/2049> Visits: 150

AU: TI: 02-064*A Lonicera tatarica 'Honey Rose' KW: Lonicera tatarica; Honey Rose; Caprifoliaceae; Tatarian Honeysuckle; Arbor Village Farms IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler
File: 02-064A_FL.jpg Desc: Description: Image of Flower Size: 503725
URI: <http://hdl.handle.net/1813/1160> Visits: 210

AU: TI: 97-461*A Hemerocallis 'Butter Dish' Honorable Mention KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 97-461_FL.jpg Desc: Description: Size: 298987
URI: <http://hdl.handle.net/1813/2060> Visits: 100

AU: TI: 02-059*A Cotinus coggygria 'Daydream' KW: Anacardiaceae IssD: 2003-07-08
Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 02-059A_FL.jpg Desc: Description: Size: 411257
URI: <http://hdl.handle.net/1813/2030> Visits: 213

AU: TI: 98-385*A Salix integra 'Hakuro Nishiki' KW: Salix integra; Hakuro Nishiki; Salicaceae; Dappled Willow; Forest Farm Nursery IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 98-385A_FO.jpg Desc: Description: Image of Flower Size: 671800
URI: <http://hdl.handle.net/1813/1178> Visits: 568

AU: TI: 99-161*B Syringa xanceiana 'Floreal' KW: Oleaceae IssD: 2003-06-17 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 99-161B_FL.jpg Desc: Description: Size: 341223
URI: <http://hdl.handle.net/1813/2087> Visits: 750

AU: TI: 97-158*C Viburnum sargentii var. calvescens KW: Viburnum sargentii var. calvescens; Caprifoliaceae; Sargent Viburnum; North Eastern Asia; Forest Farm Nursery IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 97-158C_FL.jpg Desc: Description: Image of Flower Size: 417030
URI: <http://hdl.handle.net/1813/1153> Visits: 116

AU: TI: 97-360*A Malus 'Red Peacock' KW: Malus; Red Peacock; Rosaceae; Flowering Crabapple; Klehm Nursery IssD: 2003-05-17 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 97-360A_FL.jpg Desc: Description: Image of Flower Size: 358560
URI: <http://hdl.handle.net/1813/846> Visits: 158

AU: TI: 77-677*B Chionanthus virginicus KW: Oleaceae IssD: 2003-06-17 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 77-677B_FL.jpg Desc: Description: Size: 402398
URI: <http://hdl.handle.net/1813/2034> Visits: 124

AU: TI: 29-088*A Euonymus hamiltonianus var. maackii KW: Celastraceae IssD: 2003-06-17 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 29-088A_FL.jpg Desc: Description: Size: 387354
URI: <http://hdl.handle.net/1813/2033> Visits: 150

AU: TI: 97-464*A Spiraea japonica 'Little Princess' KW: Spiraea japonica; Little Princess; Rosaceae; Japanese Spirea; Edgewood Nursery IssD: 2003-06-30 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 97-464A_PL.jpg Desc: Description: Image of Plant Size: 727417
URI: <http://hdl.handle.net/1813/1056> Visits: 199

AU: TI: 01-053*A Forsythia giraldiana 'Golden Times' KW: Oleaceae IssD: 2003-07-08
Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 01-053A_FO.jpg Desc: Description: Size: 441820
URI: <http://hdl.handle.net/1813/2018> Visits: 277

AU: TI: 01-053*A Forsythia giraldiana 'Golden Times' KW: Forsythia giraldiana; Golden Times; Oleaceae; Fairweather Gardens IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 01-053A_FO.jpg Desc: Description: Image of Flower Size: 450006
URI: <http://hdl.handle.net/1813/1159> Visits: 374

AU: TI: 98-096*B Weigela florida 'Victoria' KW: Weigela florida; Victoria; Caprifoliaceae; Fairweather Gardens IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 98-096B_FL.jpg Desc: Description: Image of Flower Size: 467311
URI: <http://hdl.handle.net/1813/1174> Visits: 139

AU: TI: 97-498*A Hemerocallis 'Raspberry Pixie' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 97-498_FL.jpg Desc: Description: Size: 251492
URI: <http://hdl.handle.net/1813/2062> Visits: 102

AU: TI: 98-140*A Staphylea bumalda KW: Staphylea bumalda; Bladdernut; Staphyleaceae; Japan; Heronswood Nursery IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 98-140A_FL.jpg Desc: Description: Image of Flower Size: 387011
URI: <http://hdl.handle.net/1813/1155> Visits: 128

AU: TI: 96-226*A Syringa 'Triste Barbaro' KW: Syringa; Triste Barbaro; Oleaceae; Lilac; Highland Park IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 96-226A_FL.jpg Desc: Description: Image of Flower Size: 481605
URI: <http://hdl.handle.net/1813/1172> Visits: 102

AU: TI: 98-390*D Viburnum plicatum f. tomentosum 'Shoshoni' KW: Viburnum plicatum f. tomentosum; Shoshoni; Caprifoliaceae; Compact Doublefile Viburnum; Keenan Nursery IssD: 2003-06-03 Pub: Publisher:
ABS: Collection: Zucker Shrub Sampler
File: 98-390D_FL.jpg Desc: Description: Image of Flower Size: 583247
URI: <http://hdl.handle.net/1813/1179> Visits: 163

AU: TI: 96-264*A Koelreuteria paniculata KW: Lamiaceae IssD: 2003-07-14 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 96-264A_FL.jpg Desc: Description: Size: 249294

URI: <http://hdl.handle.net/1813/2050> Visits: 105

AU: TI: 97-422*A Hemerocallis 'Golden Gate' KW: Liliaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-422A_FL.jpg Desc: Description: Size: 287643

URI: <http://hdl.handle.net/1813/2059> Visits: 103

AU: TI: 97-097*G Aronia melanocarpa var. elata KW: Aronia melanocarpa var. elata; Black Chokeberry; Rosaceae; Eastern United States; Bailey Nurseries IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-097G_FL.jpg Desc: Description: Image of Flower Size: 378811

URI: <http://hdl.handle.net/1813/1000> Visits: 225

AU: TI: 87-330*D Aesculus pavia 'Humilis' KW: Aesculus pavia; Humilis; Hippocastanaceae; Dwarf Red Buckeye; Eastern Plant Species IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 87-330D_FL2.jpg Desc: Description: Image of Flower Size: 383559

URI: <http://hdl.handle.net/1813/1165> Visits: 112

AU: TI: 93-095A Viburnum opulus 'Xanthocarpum' KW: Viburnum opulus; Xanthocarpum; Caprifoliaceae; Yellow -fruited European Cranberry Bush; Mary Hirshfeld IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 93-095A_FL.jpg Desc: Description: Image of Flower Size: 431978

URI: <http://hdl.handle.net/1813/1171> Visits: 111

AU: TI: 00-116*C Philadelphus 'Snow Velvet' KW: Saxifragaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-116C_FL.jpg Desc: Description: Size: 300514

URI: <http://hdl.handle.net/1813/2003> Visits: 804

AU: TI: 00-048*D Potentilla fruticosa 'Coronation Triumph' KW: Rosaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-048D_FL.jpg Desc: Description: Size: 450280

URI: <http://hdl.handle.net/1813/2000> Visits: 1189

AU: TI: 00-510*B Weigela 'Bristol Snowflake' KW: Caprifoliaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-510B_FL.jpg Desc: Description: Size: 260093

URI: <http://hdl.handle.net/1813/2008> Visits: 386

AU: TI: 97-430*C *Syringa vulgaris* 'Little Boy Blue' KW: *Syringa vulgaris*; Little Boy Blue; Oleaceae; Lilac; Klehm Nursery IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-430C_FL.jpg Desc: Description: Image of Flower Size: 412405

URI: <http://hdl.handle.net/1813/1003> Visits: 133

AU: TI: 89-021*G *Amelanchier laevis* 'Cumulus' KW: Rosaceae IssD: 2003-07-31 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 89-021G_FR.jpg Desc: Description: Size: 237963

URI: <http://hdl.handle.net/1813/2042> Visits: 144

AU: TI: 97-102*B *Rhodotypos scandens* KW: *Rhodotypos scandens*; Rosaceae; Black Jetbead; Japan; Central China; Bailey Nurseries IssD: 2003-06-04 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 97-102B_FL.jpg Desc: Description: Image of Flower Size: 382268

URI: <http://hdl.handle.net/1813/1189> Visits: 270

AU: TI: 88-298*A *Calycanthus floridus* 'Athens' KW: Calycanthaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 88-298_PL.jpg Desc: Description: Size: 674009

URI: <http://hdl.handle.net/1813/2041> Visits: 109

AU: TI: 00-057*C *Philadelphus lewisii* 'Blizzard' KW: Saxifragaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-057C_FL.jpg Desc: Description: Size: 315765

URI: <http://hdl.handle.net/1813/2001> Visits: 1006

AU: TI: 01-324*A *Hemerocallis* 'Yellow Explosion' KW: Liliaceae IssD: 2003-07-15 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-324A_FL.jpg Desc: Description: Size: 331029

URI: <http://hdl.handle.net/1813/2027> Visits: 182

AU: TI: 01-348*B *Sambucus nigra* ssp. *canadensis* 'Aurea' KW: Caprifoliaceae IssD: 2003-06-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-348B_FO.jpg Desc: Description: Size: 433207

URI: <http://hdl.handle.net/1813/2028> Visits: 250

AU: TI: 00-514*A *Cornus alba* 'Argenteo-marginata' KW: *Cornus alba*; Argenteo-marginata; Cornaceae; Tatarian Dogwood; Plantasia Nursery IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-514A_FO.jpg Desc: Description: Image of Flower Size: 496624

URI: <http://hdl.handle.net/1813/1158> Visits: 507

AU: TI: 00-076*A *Hydrangea paniculata* 'Interhydia' PINK DIAMOND KW: Saxifragaceae IssD: 2003-07-29 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-076A_IFL.jpg Desc: Description: Size: 293278

URI: <http://hdl.handle.net/1813/2002> Visits: 1004

AU: TI: 00-124*A *Syringa pubescens* ssp. *julianae* 'Hers' KW: *Syringa pubescens* ssp. *julianae*; Hers Variety; Oleaceae; Weeping Hers Lilac; Arbor Village Farms IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 00-124A_FL.jpg Desc: Description: Image of Flower Size: 366210

URI: <http://hdl.handle.net/1813/1133> Visits: 1252

AU: TI: 01-323*A *Hemerocallis* 'Winsome Lady' LENINGTON ALL-AMERICAN AWARD FOR EXCELLENT PERFORMANCE AROUND THE COUNTRY AWARD OF MERIT KW: Liliaceae IssD: 2003--7-07 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-323A_FL.jpg Desc: Description: Size: 289831

URI: <http://hdl.handle.net/1813/2026> Visits: 279

AU: TI: 92-066*A *Ilex* 'Bonfire' KW: Aquifoliaceae IssD: 2003-07-08 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 92-066_PL.jpg Desc: Description: Size: 598141

URI: <http://hdl.handle.net/1813/2044> Visits: 92

AU: TI: 86-171*A *Viburnum plicatum* f. *tomentosum* 'Mariesii' KW: *Viburnum plicatum* f. *tomentosum*; Mariesii; Caprifoliaceae; Doublefile Viburnum; Edgewood Nursery IssD: 2003-05-27 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 86-171A_FL.jpg Desc: Description: Image of Flower Size: 413475

URI: <http://hdl.handle.net/1813/993> Visits: 274

AU: TI: 98-377*A *Hemerocallis* 'Siloam Jim Cooper' KW: Liliaceae IssD: 2003-07-30 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-377A_FL.jpg Desc: Description: Size: 328088

URI: <http://hdl.handle.net/1813/2078> Visits: 149

AU: TI: 98-110*A *Lonicera syringantha* KW: *Lonicera syringantha*; Caprifoliaceae; Honeysuckle IssD: 2003-06-03 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-110_FL.jpg Desc: Description: Image of Flower Size: 513808

URI: <http://hdl.handle.net/1813/1175> Visits: 135

AU: TI: 01-063*A *Chaenomeles speciosa* 'Cameo' KW: *Chaenomeles speciosa*; Cameo; Rosaceae; Common Flowering Quince; Forest Farm Nursery IssD: 2003-05-17 Pub: Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 01-063A_FL.jpg Desc: Description: Image of Flower Size: 361212

URI: <http://hdl.handle.net/1813/802> Visits: 433

AU: TI: 98-378*A Hemerocallis 'Sherwood Chief' KW: Liliaceae IssD: 2003-07-29 Pub:
Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 98-378A_FL.jpg Desc: Description: Size: 301761

URI: <http://hdl.handle.net/1813/2079> Visits: 138

AU: TI: 96-491*C Viburnum ichangense KW: Caprifoliaceae IssD: 2003-06-17 Pub:
Publisher:

ABS: Collection: Zucker Shrub Sampler

File: 96-491C_BR.jpg Desc: Description: Size: 434572

URI: <http://hdl.handle.net/1813/2052> Visits: 104

Appendix 6

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 - [Upper Susquehanna River Basin - Papers, Research and Monographs](#) [0]
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 - [Animal Science - Papers, Research and Monographs](#) [0]
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- **Landscape Architecture**
- **Mann Library**
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- **Natural Resources**
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