



Misunderstood Mammal: The Bat Tuttle to Explain in Lecture

Activities of the world's most misunderstood mammals will be described and illustrated when Merlin Tuttle delivers the third in the 1982 Summer Session Distinguished Lecture Series, "Bats: Myth and Reality," at 8:15 p.m. Wednesday, July 14, in Alice Statler Auditorium.

The lecture by Tuttle, curator of mammals at the Milwaukee Public Museum and an adjunct professor at University of Wisconsin-Milwaukee who has studied and photographed

more than 200 species of bats from all over the world, is open to the general public at no charge.

"Few animals are more misunderstood or feared than bats," says Tuttle after observing the winged mammals for 22 years in 20 countries. "Scary stories are told on dark nights that bats are blind, that they entangle themselves in women's hair and commonly attack people or that they are mostly rabid.

"Yet the truth, revealed from

observation and study, is far different," according to the researcher and author of more than 40 scientific publications, mostly on bats. "Bats rarely attack other animals. They are not blind, do not get tangled in hair and are much less likely to transmit rabies to humans than dogs or cats.

"In fact, bats play an important ecological role and are remarkably interesting to observe," says Tuttle, who is best known for his studies of ecology and behavior of endangered

gray bats in the southeastern U.S. and for more recent work on the evolutionary impact of frog-eating bats on vocal communication of frogs in Panama. "Unfortunately, their numbers have declined drastically in recent years due to the improper use of pesticides, habitat destruction and slaughter by poorly-informed people."

As part of the Wednesday lecture,

Tuttle will give conclusions drawn from his studies, conducted in collaboration with Cornell frog behaviorist Michael J. Ryan, of the frog-eating bats of Panama. Tuttle used hidden tape recorders, infrared camera-triggering devices and even

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Stephen May to Give Organ Recital in Sage Chapel

Organ music of the three centuries, from Marchand to Messiaen, will be performed in a recital by Stephen May at 8:15 p.m. Monday, July 12, in Sage Chapel. The concert, the second of a series sponsored by the Cornell Summer Session, is free to the public.

May will open his program with a group of six pieces by Louis Marchand. A French composer who lived from 1669 to 1732, he was a virtuoso organist and brilliant im-

proviser, and he wrote some of the finest examples of French classical organ music.

May will perform the colorful Scherzo movement from Organ Symphony No. 6 by Louis Vierne. A pupil of Franck and Widor, Vierne held the post of organist at Notre Dame in Paris for 37 years and wrote major works in spite of his blindness. He was the teacher of Nadia Boulanger and Marcel Dupre. Dupre's pupil, Olivier Messiaen,

will be represented in the Monday recital by his Fantasy and Fugue "Dieu parmi nous" (God with us). Messiaen, in turn, taught noted contemporary musicians Pierre Boulez and Karlheinz Stockhausen.

Included in the program is Fantasy and Fugue on "Ad nos, ad salutarem undam" by the Hungarian-born composer Franz Liszt. It is the last of four Illustrations from Meyerbeer's "Le Prophete," an opera loosely based on an

historical incident involving a controversial group known as the Anabaptists.

The audience will have an opportunity to hear one of the recitalist's own compositions, Meditation. This spring May received his Doctor of Musical Arts degree in composition at Cornell. He holds a master's degree in fine arts as well and a bachelor's degree in music from Georgia State University. He is no stranger to Sage Chapel, hav-

ing been assistant university organist and assistant conductor of the Sage Chapel Choir while a graduate student. This summer he is serving as acting university organist and choirmaster. Before coming to Cornell, he held the position of organist-choirmaster for seven years at Jonesboro, Georgia, his home state.

May has given private instruction

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Calendar

All items for publication in the Calendar section, except for Seminar notices, must be submitted by mail or in person to Fran Apgar, Central Reservations, 532 Willard Straight Hall, at least 10 days prior to publication. Seminar notices should be sent to Barbara Jordan-Smith, News Bureau, 110 Day Hall, by noon Friday prior to publication. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the Calendar in which it should appear (lectures, colloquia, etc.). ALL DEADLINES STRICTLY ENFORCED.

*-Admission charged.

Announcements

Plantations Gift and Book Shop
Cornell Plantations gift and book shop grand opening, 11 a.m. to 4 p.m. Saturday, July 10, Plantations Headquarters, 1 Plantations Road. Elfriede Abbe, sculptor and graphic artist, will sign wood cut prints.

Poetry Reading
"Better Living Through Poetry," a reading by John Gill, David Burak, Kathleen Platt, John Latta, Peter Fortunato, Mary Gilliland and Jonathan Bishop, 8:15 p.m. Thursday, July 8, Commons Coffeehouse, Anabel Taylor Hall. Co-sponsored by Ithaca Community Poets and Poets Anomalous.

Draft Counseling
The Ithaca Draft Information and Counseling Services will be open to the public throughout the summer. Summer hours are 10 a.m.-2 p.m. Monday through Friday. Additional times may be arranged by appointment. The Service is located at 320 Anabel Taylor Hall, phone 256-5187.

Alternatives Library
The Anne Carry Durland Memorial Alternatives Library is located on the first floor of Anabel Taylor Hall. This informal and friendly library contains a wealth of books, tapes, and periodicals on a wide range of topics such as ecology, feminism, spirituality, Native Americans, holistic health, agriculture, lifestyles, communities, politics, etc. Anyone may check out materials, browse or listen to tapes. Summer hours are 9 a.m.-5 p.m. Monday through Friday and 8 p.m.-10 p.m. Sunday through Thursday during the 6 week summer session.

The Commons Coffeehouse
Anabel Taylor Hall, first floor. Open in June 10 a.m.-5 p.m. Monday through Friday; open June 28-Aug. 10 Monday through Thursday, 9 a.m.-11 p.m.; Friday 9 a.m.-midnight (open mike), Saturday 11 a.m.-1 a.m. (live music), Sunday 7:30 p.m.-11 p.m. (WVBR's Bound for Glory).

Every Monday
July 5 through August 2, 3:30 p.m. Architectural Tour of campus; leave from Goldwin Smith Hall.

Thursday
July 8, 6 p.m. Arts Quad. Professor of Art Steve Poleskie: "The Arts Quad as Ziggurat" aerial show above Arts Quad, rain date Fri., July 9 at 6 p.m.

Tuesday
July 13, 8 p.m. Goldwin Smith Hollis Cornell Auditorium. "An Evening of Night Photography," with Russ Hamilton. Bring your camera along. All campus events are sponsored by Summer Session and Extramural Courses.

Dance

Every Monday
June through August, 7:30-10 p.m. Ithaca Commons Main Pavilion. Cornell Contra Dance Club has weekly contra and square dances. All welcome.

Every Sunday
June 27-Aug. 8, 7-9:45 p.m. Straight North Room. Cornell Folk Dancers Beginning Teaching: 7-8 p.m.; Request Dancing 8-9:45 p.m.

Sunday and Wednesday
7-10 p.m. Cornell Folk Dancers. Those interested should call 273-8852, 257-4351 or 256-5501 for locations of sessions, which vary from week to week.

Every Thursday
*Anabel Taylor, One World Room. Israeli Folk Dancing. Instruction at 8 p.m., requests 9-11 p.m. All welcome.

Exhibits

Herbert F. Johnson Museum
"Victor Colby Retrospective" an exhibition of sculpture, mainly in wood by Cornell Art Department faculty member Victor Colby on the occasion of his retirement. June 10 through July 18. "Ceramic Traditions." A retrospective of the historically significant innovations and conventions of ceramic art in the western states. Several generations of artists representing European, Oriental, and American traditions. Peter Voulkos, Bernard Leach, Glen Lukens, and sixteen others. Organized by Visual Arts Services of the University of Oregon, Eugene, July 25 through Aug. 22. "Photographs by Bill Brandt." Eight prints by British photographer Bill Brandt, covering the period 1929-1975. Brandt is known for his use of distorted images and his "radical redefinition of the nude. Organized by the International Exhibitions Foundations from works lent by the Victoria and Albert Museum in London. Aug. 15-Sept. 30. Museum hours: 10 a.m.-5 p.m., Tuesday through Sunday.

John Hartell Gallery, Sibley Hall College of Art, Architecture Art & Planning. Jan Kather, Photography: Graduate Thesis Exhibition. Through July 3; Cor-

nell Printmaking Faculty, July 4-10.

Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Friday
July 9, 8 p.m. *Statler Auditorium. "Dr. Zhivago" (1965), directed by David Lean, with Omar Sharif, Julie Christie, Rod Steiger.

July 9, 8 p.m. *Uris Hall Auditorium. "Shampoo" (1975), directed by Hal Ashby, with Warren Beatty, Julie Christie, Goldie Hawn.

Saturday
July 10, 8 p.m. *Statler Auditorium. "King of Hearts" (1967), directed by Philippe de Broca, with Alan Bates, Genevieve Bujold, Pierre Brasseur.

July 10, 8 p.m. *Uris Hall Auditorium. "The Exorcist" (1974), directed by William Friedkin, with Ellyn Burstyn, Lee J. Cobb, Linda Blair.

Sunday
July 11, 8 p.m. *Uris Hall Auditorium. "Singin' in the Rain" (1952), directed by Gene Kelley and Stanley Donen, with Gene Kelley, Debbie Reynolds, Donald O'Connor.

Monday
July 12, 8 p.m. *Uris Hall Auditorium. "The Four Hundred Blows" (1959), directed by Francois Truffaut, with JeanPierre Leand, Patrick Auffay, Claire Maurier.

Tuesday
July 13, 8 p.m. *Uris Hall Auditorium. "The Marquise of O..." (1972), directed by Eric Rohmer, with Edith Clever, Bruno Ganz, Peter Luhr.

Wednesday
July 14, 8 p.m. *Uris Hall Auditorium. "A Place in the Sun" (1951), directed by George Stevens, with Montgomery Clift, Elizabeth Taylor, Shelley Winters.

Thursday
July 15, 8 p.m. *Uris Hall Auditorium. "Murder, My Sweet" (1945), directed by Edward Dmytryk, with Dick Powell, Clair Trevor, Anne Shirley.

Friday
July 16, 8 p.m. *Statler Auditorium. "Annie Hall" (1978), directed by Woody Allen, with Woody Allen, Diane Keaton, Tony Roberts.

Saturday
July 17, 8 p.m. *Statler Auditorium. "Manhattan" (1979), directed by Woody Allen, with Woody Allen, Diane Keaton, Meryl Streep.

Sunday
July 18, 8 p.m. *Uris Hall Auditorium. "The Band Wagon" (1953), directed by Vincent Minelli, with Fred Astaire, Cyd Charisse, Oscar Levant.

Monday
July 19, 8 p.m. *Uris Hall Auditorium. "Lord of the Flies" (1963), directed by Peter Brook, with James Aubrey, Tom Chapin, Hugh Edwards.

Tuesday
July 20, 8 p.m. *Uris Hall Auditorium. "Playtime" (1969), directed by Jacques

Tati, with Jacques Tati, Barbara Ben- nak, Georges Montant.

Wednesday
July 21, 8 p.m. *Uris Hall Auditorium. "Sunday, Bloody Sunday" (1971), directed by Joan Schlesinger, with Peter Finch, Glenda Jackson, Murray Head.

Thursday
July 22, 8 p.m. *Uris Hall Auditorium. "After the Thin Man" (1936), directed by W.S. Van Dyke, with William Powell, Myrna Loy, James Stewart.

Friday
July 23, 8 p.m. *Statler Auditorium. "Bread and Chocolate" (1974), directed by Franco Brusati, with Nino Manfredi, Anna Karina.

July 23, 8 p.m. *Uris Hall Auditorium. "Spartacus" (1962), directed by Stanley Kubrick, with Kirk Douglas, Sir Laurence Olivier, Charles Laughton.

Saturday
July 24, 8 p.m. *Statler Auditorium. "Cousin, Cousine" (1976), directed by Jean-Charles Tacchella, with Marie-Christine Barrault, Victor Lanoux, Marie-France Pisier.

July 24, 8 p.m. *Uris Hall Auditorium. "Psycho" (1960), directed by Sir Alfred Hitchcock, with Anthony Perkins, Janet Leigh, Vera Miles.

Sunday
July 25, 8 p.m. *Uris Hall Auditorium. "Hair" (1979), directed by Milos Forman, with Treat Williams, John Savage, Beverly D'Angelo.

Monday
July 26, 8 p.m. *Uris Hall Auditorium. "Forbidden Games" (1952), directed by Rene Clement, with Brigitte Fossey, George Poujouly, Lucien Hubert.

Tuesday
July 27, 8 p.m. *Uris Hall Auditorium. "Seven Beauties" (1976), directed by Lina Wertmuller, with Giancarlo Giannini, Gernando Rey.

Wednesday
July 28, 8 p.m. *Uris Hall Auditorium. "Summer Interlude" (1950), directed by Ingmar Bergman, with Maj-Britt Nilsson, Alf Kjellin, Royal Swedish Ballet.

Thursday
July 29, 8 p.m. *Uris Hall Auditorium. "And Then There Were None" (1945), directed by Rene Clair, with Barry Fitzgerald, Walter Huston, Louis Hayward.

Friday
July 30, 8 p.m. *Statler Auditorium. "Arabian Nights" (1974), directed by Pier Paolo Pasolini, with Ninetto Davoli, Franco Citti, Ines Pellegrini.

July 30, 8 p.m. *Uris Hall Auditorium. "McCabe and Mrs. Miller" (1971), directed by Robert Altman, with Warren Beatty and Julie Christie.

Saturday
July 31, 8 p.m. *Uris Hall Auditorium. "Night of the Living Dead" (1968), directed by George Romero, with Duane Jones, Judith O'Dea, Karl Hardman.

July 31, 8 p.m. *Statler Auditorium. "Butch Cassidy and the Sundance Kid" (1969), directed by George Roy Hill, with

Paul Newman, Robert Redford, Katherine Ross.

Sunday
Aug. 1, 8 p.m. *Uris Hall Auditorium. "Carmen Jones" (1954), directed by Otto Preminger, with Harry Belafonte, Dorothy Dandridge, Pearl Bailey.

Monday
Aug. 2, 8 p.m. *Uris Hall Auditorium. "Cria Cuervos" (1977), directed by Carlos Saura, with Geraldine Chaplin, Ana Torrent.

Tuesday
Aug. 3, 8 p.m. *Uris Hall Auditorium. "Beauty and the Beast" (1946), directed by Jean Cocteau, with Jean Marais, Josette Day.

Wednesday
Aug. 4, 8 p.m. *Uris Hall Auditorium. "Cat on a Hot Tin Roof" (1958), directed by Richard Brooks, with Paul Newman, Elizabeth Taylor, Burl Ives.

Thursday
Aug. 5, 8 p.m. *Uris Hall Auditorium. "Farewell My Lovely" (1975), directed by Dick Richards, with Robert Mitchum, Charlotte Rampling, John Ireland.

Friday
Aug. 6, 8 p.m. *Uris Hall Auditorium. "Once Upon a Time in the West" (1969), directed by Sergio Leone, with Jason Robards, Henry Fonda.

Friday & Saturday
Aug. 6 & 7, 8 p.m. *Statler Auditorium. "All That Jazz" (1979), directed by Bob Fosse, with Roy Schneider, Jessica Lange, Ann Reinking.

Saturday
Aug. 7, 8 p.m. *Uris Hall Auditorium. "Kwaidan" (1964), directed by Kobayashi Masaki, with Aratama Michiyo, Mikuni Rentaro.

Sunday
Aug. 8, 8 p.m. *Uris Hall Auditorium. "Gentlemen Prefer Blondes" (1953), directed by Howard Hawks '18, with Jane Russell, Marilyn Monroe, Charles Coburn.

Tuesday
Aug. 10, 9 p.m. Cayuga Inlet, near the Treman Marina Office, park cars near Marina Office, look for signs, Cornell Cinema NYSCA, and Finger Lakes State Park and Recreation Region co-sponsoring a special event: "Floating Cinema" From New York City. An hour of experimental film from their two boats. "Big Duck" and "Little Duck." Raindate: Aug. 11.

Lectures

Summer Distinguished Lecture Series is sponsored by Summer Session and Extramural Courses, Cornell University.

Wednesday
July 14, 8:15 p.m. Statler Auditorium. Distinguished Lecture Series: "Bats— Myth and Reality." Merlin Tuttle of the Milwaukee Public Museum.

Wednesday
July 21, 8:15 p.m. Statler Auditorium.

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Cornell Chronicle

Editor, Randall E. Shew. Staff writers, H. Roger Segelken, Robert W. Smith, Barbara Jordan-Smith, Martin B. Stiles, Photographer, Sol Goldberg, Circulation Manager, Joanne Hanavan. (USPS 456-650)

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It is the policy of Cornell University actively to support equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, age or handicap. The university is committed to the maintenance of affirmative action programs which will assure the continuation of such equality of opportunity.

Jobs

The following job openings are new this week. For information on vacant positions listed in previous issues of the Chronicle, contact Personnel Staffing Services, 130 Day Hall. Cornell is an affirmative action employer.

Administrative/Professional
Associate Director of Student Affairs, CP5 (ILR)

Teaching Support Specialist, CP3 (Physics)

Research Support Specialist, CP4 (Animal Science)

Senior Programmer II, CP4 (Entomology)

Research Support Specialist I, CP3 (Ag. Economics)

Clerical
Administrative Aide, GR22 (Residence Life)

Administrative Aide, GR20 (Veterinary Administration)

Secretary, GR19 (Military Science)

Secretary, GR18 (Physiology)

Senior Department

Assistant/Secretary, GR18 (University Libraries, B&PA)

Office Assistant/Receptionist, GR18 (Career Center)

Secretary, GR18 (Counseling Section/Dean of Students)

General Services

Greenhouse Worker, S018 (Entomology)

Custodian, GR16 (Geneva Experiment Station)

Technical
Technician, GR19 (Plant Breeding & Biometry)

Technician, GR21 (Avian & Aquatic Animal Med.)

Technician, GR18 (Electrical Engineering)

Keypunch Operator, GR17 (Computer Services)

Technician, GR18 (Neurobiology & Behavior)

Part-time and/or Temporary

Editor I, CP2 (HD&FS)

Research Aide, GR22 (CISER)

Secretary, GR21 (Sr. Counsel to the University)

Temporary Office Assistant, T-2 (University Health Services)

The Job Opportunities list is mailed to all Cornell departments. In addition, it is posted in the following places: Day Hall Information Desk, second floor lobby; at the Circulation and Reference Desks of all university libraries; in the Map and Newspaper Section, Olin Library; all college and technical libraries; Roberts Hall Post Office substation and in the Upper Activities corridor, Willard Straight Hall.

Growth Hormone Successfully Tested

Improves Milk Production in Dairy Cows

Scientists from Cornell and Monsanto Company recently announced that they have successfully used bio-synthetic bovine growth hormone to improve milk production in dairy cows.

The announcement was made by Cornell nutritional biochemist Dale E. Bauman in a research paper presented at the 77th annual meeting of the American Dairy Science Association at the Pennsylvania State University.

This is the first use of recombinant bovine growth hormone to increase milk production, and could lead to improved productivity of dairy cows under normal farm conditions.

Bauman, a faculty member in the New York State College of Agriculture and Life Sciences, said that the production of bio-synthetic growth hormone through recombinant DNA

technology and the successful use of this substance represent a significant step forward.

Daily injections of the recombinant growth hormone into a group of test animals increased milk production by 12 percent. The composition of the milk was not affected, and no extra feed was needed.

"The results show that feed efficiency (milk produced per quantity of feed) increased by some 10 to 15 percent during the treatment," he pointed out.

Commenting on his findings, Bauman noted that increased efficiency of dairy production through recombinant bovine growth hormone could be another step in a long line of success stories in the American dairy industry.

"The dairy industry has demonstrated increasing production efficiency for the past 30 years or more,

and with continued research and innovation it will continue to do so," Bauman said.

Taking note of the ever increasing world population which is expected to double in the next four decades, Bauman stressed, "We will have to produce as much food in the next 40 years as we have produced in all history. Thus, improvements in food production efficiency are essential."

Because natural bovine growth hormone is extremely scarce, and expensive when available, development of bio-synthetic growth hormone in the laboratory paves the way for making the material available in commercial quantities.

The bio-synthetic growth hormone used in Cornell's tests was derived from a recombinant organism engineered in a cooperative program with Genentech, Inc., ac-

cording to Melvin J. DeGeeter of Monsanto Company's Nutrition Chemicals Division. Monsanto also is developing sustained delivery systems for long-term administration of the hormones under actual farm conditions.

DeGeeter noted that although the research is encouraging, additional testing and regulatory clearances for the bio-synthetic growth hormone still will be required.

"Even if all our efforts are exactly on target, it will be the mid- to late 1980s before the bovine growth hormone is commercially available," he said. "Yet we are convinced that we are on the right track."

The experiment involving the use of recombinant growth hormone is a continuation of Cornell's previous studies geared to determine the signals controlling how key

nutrients are used by dairy cows.

"Results of our studies involving the use of both natural and bio-synthetic growth hormone show that these substances play a key role in regulating the efficiency of nutrients used for milk production in cows," Bauman said. "Clearly, the potential for future application of growth hormone is tremendous."

Monsanto Company headquartered in St. Louis, Missouri, is a multinational manufacturer of chemicals, plastics, agricultural products, man-made fibers, and specialty electronic and process-control systems. Monsanto's thrust into molecular biology includes a recently established Molecular Biology Center. The company's activities in this area include efforts in the fields of crop chemicals and process chemicals as well as animal nutrition.

Executive Committee to Meet in New York City

The Executive Committee of the Board of Trustees will meet at 2 p.m. Tuesday, July 13, in the Executive Faculty Room of the Harkness Medical Research Building at 1300 York Ave. in New York City.

The Executive Committee will convene in open session with executive and closed sessions following the open meeting.

The agenda for the open session will include:

A report by the Provost in the

absence of the President who is out of the country.

A report on the election of the New York State Grange trustee.

A report of the Buildings and Properties Committee.

The agenda for the executive and closed sessions will include:

A report by the Provost in the absence of the President who is out of the country.

A recommendation authorizing the administration to construct a

canine-specific, pathogen-free, rearing facility for the New York State College of Veterinary Medicine.

Election of several directors and department chairmen.

Approval of the minutes of the Executive Committee meeting held May 29, 1982.

A recommendation authorizing the administration to purchase computer equipment for the Office of Computer Services.

Several recommendations authorizing the administration to proceed with plans relative to building additions, renovations and studies.

A recommendation for the development of a facilities master plan for the long-range needs of the Medical Center in New York City.

A report of the Buildings and Properties Committee.

A recommendation for changes in the employee fringe benefit program at the Medical College in New

York City.

Recommendations on personnel matters affecting the endowed colleges at Ithaca and the Medical College in New York City.

A report on receipt of a grant of \$3.45 million from the National Science Foundation for continued support of the Materials Science Center.



Merlin Tuttle

Tuttle on Bats

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cardboard "bats" on rollers to discover how Panamanian frogs manage to elude bats while continuing their mating rituals. "Bats have had a major impact on the behavior of male frogs, perhaps as much as the female frogs themselves," Tuttle wrote in the January 1982 issue of National Geographic.

Tuttle received his Ph.D. from the University of Kansas. He is an active member of the U.S. Fish and Wildlife Service Endangered Species Recovery Team, and recently co-founded an organization known as Bat Conservation International.

Others in the Summer Session Distinguished Lecture Series, all of which are scheduled for 8:15 p.m. Wednesdays in Alice Statler

Auditorium, are:

—July 21, "Climate Change: Prelude to Cultural and Social Change in the '80s." Douglas Paine, associate professor and atmospheric scientist in the New York State College of Agriculture and Life Sciences at Cornell;

—July 28, "Memory and Amnesia in American Culture." Michael Kammen, the Newton C. Farr Professor of American History and Culture and 1973 Pulitzer Prize winner;

—Aug. 4, "Art and Revolution." Speaker will be Robert Hobbs, adjunct curator of modern art at the Herbert F. Johnson Museum of Art and assistant professor of history of art.

Glee Club to Tour England

The Cornell Glee Club, one of the oldest male-voice choruses in the United States, will tour England during the week of July 23-30.

The central event of this trip will be the Glee Club's participation in the 32nd King's Lynn Festival, to be held in King's Lynn, Norfolk, beginning July 23. At the invitation of Sir Keith Falkner, formerly a member of the Cornell music faculty, the Glee Club will perform with the world-renowned contralto Dame Janet Baker on Monday, July 26, in the St. Nicholas Chapel, King's Lynn.

"This particular tour is unique in that for the first time, the undergraduate and graduate students which comprise the active membership of the Glee Club will be joined by a contingent of Glee Club alumni," said Bruce Wagner, Glee Club member. "We are greatly honored to be chosen to participate in the festival."

The tour group numbers 49 singers, and the 17 alumni are: H. Michael Newman '64, Nicholas Altenbernd '69, Richard Dehmel '69,

Philip Batson '70, Barry Jacobson '70, Karl Schoellkopf '71, George Gull '72, Harold Siefried Ph.D. '73, William Welker '73, David Janower '74, Ned Goldberg '75, Thomas Moormann '75, Terry Smith '75, William Snedden '78, David Jones '80, Jon Wardner '80, and Ronald Walsh '81. These men represent all of the last five international tour groups.

The King's Lynn Festival is one of the major summer music festivals of Europe, and will be opened this year by a performance of "Das Lied von der Erde," by Gustav Mahler. The King's Lynn Festival is under the patronage of Her Majesty Queen

Elizabeth the Queen Mother.

While in Great Britain, the Glee Club will perform in Horsham, West Sussex, at the Members' Restaurant of the Zoological Society of London, and at St. James' Church, Picadilly, London in addition to the concert at King's Lynn. Upon arrival in England, the Glee Club will be hosted by the members of the Cornell Club of London.

Further information may be obtained by calling the Glee Club office, located in Sage Chapel, at 256-3396.

May Recital

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in organ and piano for the past ten years. His own organ teachers have been Ben Rice and Cornell organist Donald Paterson. He studied composition with Charles Knox, Robert Palmer and Steven Stucky. During the past two years, May has presented a number of public recitals

and lecture-recitals on both the Sage Chapel and Anabel Taylor Chapel organs, covering a wide range of organ literature.

The next Summer Session series concert will be a program of music for harpsichord by Judith Norell at Alice Statler Auditorium Monday, July 19.

Poleskie Sky Art Exhibit Tonight

Associate Professor of Art Stephen F. Poleskie and his Pitts Special airplane will create a series of intricate figures from trails of white smoke at 6 p.m. today over the Arts Quad. After Poleskie exhibits over the central campus he will then head the tiny, single seat biplane to the Cornell Orchards, off Route 366, where the show will continue with displays of aerobatic flying and more complex smoke figures. Poleskie's performance is sponsored by the Cornell Division of Summer Session. The Orchards area will be closed during the performance.

Brief Reports

Vet. Pathology Gets NIEHS Grant

The Department of Pathology of the College of Veterinary Medicine has been selected by the National Institute of Environmental Health Sciences (NIEHS) for a training grant in veterinary pathology with emphasis on environmental and toxicologic pathology. The grant totaling \$546,507 over a five year period, will be used to alleviate the critical shortage that exists in industry, government and educational institutions of certified veterinary pathologists with this type of training.

The grant will support a maximum of six post-doctoral trainees over the five year span of the grant. After the initial five year period, the grant is competitively renewable for a second five year period. According to Dr. David O. Slauson, acting chairman, the ultimate aim of the program is to increase the number of certified veterinary pathologists who hold the Ph.D. degree in experimental pathology and who fill a vital role in the rapidly expanding field of veterinary environment pathology in the public and private sector.

The NIEHS Training Grant is the third major training grant awarded to the Veterinary Pathology Department at Cornell. The department is currently in its third year of a \$612,616 grant from the National Cancer Institute designed to train veterinary pathologists whose goal is certification by the American

College of Veterinary Pathologists. A \$155,988 grant from the National Institute of Aging has recently been completed within the department.

Arent and Muskie Get Law School Award

Albert E. Arent, a founding partner of the Washington D.C. law firm of Arent, Fox, Kintner, Plotkin & Kahn, and former U.S. Senator and Secretary of State Edmund S. Muskie, each have been given a 1982 Cornell Law School Distinguished Alumnus Award.

The faculty of the Cornell Law School confers these awards annually "in recognition of distinguished service to the nation, the legal profession, the public and the university."

Last year the recipients were Ambassador Sol M. Linowitz, Law '38, and former Attorney General and Secretary of State William P. Rogers, Law '37.

Arent earned a law degree at Cornell in 1935 and was a member of the Cornell Class of 1932. He was an editor of the Cornell Daily Sun and the Cornell Law Quarterly.

In 1978 he was elected to a five-year term as an alumni trustee on the Cornell University Board of Trustees. He has served as chairman of the Cornell Law School Fund and the Cornell Law School Advisory Council.

A graduate of Bates College, Muskie received his law degree from Cornell in 1939. In 1958 he became a charter member of the

SAGE CHAPEL

William Pinder To Speak at Sage

The Rev. William Pinder III, pastor of St. James AME Zion Church in Ithaca and University AME Zion Chaplain, will speak at the 11 a.m. Sage Chapel service on Sunday, July 11. His sermon topic will be "Wilt Thou Be Made Whole?"

Pinder, a native of Baltimore, is a graduate of Livingstone College and Andover Newton Theological School. He served churches in and around Boston before coming to Ithaca.

Music will be provided by the Sage Chapel Choir under the direction of Stephen May, acting university organist and Sage Chapel choirmaster.

Arrangements for the services are made through CURW, the Sage Chapel Advisory Council and the Department of Music. Questions concerning the services may be directed to Ingrid Olsen-Tjensvold, assistant director of CURW, Anabel Taylor Hall, 256-4214.

Cornell Law School Advisory Council.

After graduating from Cornell he returned to his native state of Maine where he entered private law practice and began his long and distinguished career which has included being a Maine state legislator, governor, U.S. Senator, presidential candidate and Secretary of State.

H. Hunt Bradley

H. Hunt Bradley, 77, of 1 Lodge Way, died Tuesday, June 29, after an extended illness. He served as assistant to the president for Alumni Affairs at Cornell from 1967 to 1971.

He received the A.B. degree from Cornell in 1926 and, as an undergraduate, was president of the Intercollegiate Association of Amateur Athletics of America. He was manager of the Cornell-Princeton track team which visited England to compete against Oxford and Cambridge in 1926. From 1956 to 1967 he was general alumni secretary and secretary of the Cornell

Alumni Association. In 1979 he received the distinguished service award at the Cornell Athletic Hall Fame dinner.

He is a former director of the Cornell Club of New York and a former vice president of the Cornell Club of New England.

He is survived by a son, H. H. Bradley, Jr.; a daughter-in-law, Mary Bradley and two grandchildren, Happy and Jonathan Bradley, all of Ithaca.

Memorial donations may be made to the Jack Moakley Fund, Cornell University, Box 729, Ithaca.

William D. Fowler

William D. Fowler, 69, of 701 Highland Road, died Thursday, July 1, in Tompkins Community Hospital. He was director of the Central District in the Extension Division of the School of Industrial and Labor Relations.

Before coming to Cornell in 1967, he was president of the Whirlpool Corp. operation in Paris, France. Before that he was works manager of the Shuron Optical Co. in Geneva. He was a licensed professional engi-

neer and held two patents on his designs of ophthalmic instruments.

He is survived by his wife, Margaret McNeill Fowler; four children, William Ryan of Laguna Hills, Calif., Harriet of Lexington, Ky., Douglas and Ann, both of Ithaca; three grandchildren; his mother, Mrs. Frank J. Fowler of painted post; a sister, Mrs. George Southworth of Corning; and an au-
Jessie Ryan of Horseheads.



Calendar

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Distinguished Lecture Series; "Climate Change: Prelude to Cultural and Social Change in the Eighties," Professor Douglas Paine.

Wednesday

July 28, 8:15 p.m. Statler Auditorium. Distinguished Lecture Series: "Memory and Amnesia in American Culture, the History of Development in Tradition from 1970," Professor Michael Kammen.

Friday

July 30, 1:30 p.m. Goldwin Smith D. "Renaissance Gardens," Professor Esther Dotson, History of Art.

Monday

Aug. 2, 7 p.m. Goldwin Smith Kaufmann Auditorium. Summer Lecture Series: "The Fine Arts of Ancient Mexico," Professor Nancy Neaher, Art History.

Wednesday

Aug. 4, 8:15 p.m. Statler Auditorium. Distinguished Lecture Series: "Art and Revolution," Professor Robert Hobbs, Curator of Contemporary Art, Johnson Museum of Art.

Music

Thursday

July 8, 7 p.m. Arts Quad near Goldwin Smith Hall. Ithaca Concert Band (cancelled in the event of rain).

Thursday

July 8, 8 p.m. Arts Quad near Goldwin Smith Hall. "The Tompkins County Horseflies," bluegrass music. The event will be moved to Willard Straight Memorial Room in the event of rain.

Monday

July 12, 8:15 p.m. Sage Chapel. Monday Concert Series: Stephen May, organ.

Works by Marchand, Vierne, May, Messiaen, Liszt.

Tuesday

July 13, 4 p.m. Andrew D. White House Garden. Myra Kovary, harp.

Thursday

July 15, 7 p.m. Arts Quad near Goldwin Smith Hall. "The Tompkins County Horseflies," bluegrass music with a caller. The event will be moved to Willard Straight Memorial Room in the event of rain.

Monday

July 19, 8:15 p.m. Statler Auditorium. Monday Concert Series: Judith Norell, harpsichord. Works by D. Scarlatti and J.S. Bach.

Tuesday

July 20, 4 p.m. A.D. White House garden, Dominic Versage, accordion.

Thursday

July 22, 7 p.m. Arts Quad near Goldwin Smith Hall. Ithaca Concert Band (cancelled in the event of rain).

July 22, 8 p.m. Arts Quad near Goldwin Smith Hall. "The Tompkins County Horseflies," bluegrass music. The event will be moved to Willard Straight Memorial Room in the event of rain.

Monday

July 26, 8:15 p.m. Statler Auditorium. Monday Concert Series: John Hsu, viola da gamba, and Mark Kroll, harpsichord. Works by Forqueray, Marais, Balbastre, J.S. Bach.

Tuesday

July 27, 5 & 7:45 p.m. Myron Taylor Law School Garden. "Renaissance Evening" music, poetry, drama, songs and ensembles.

Thursday

July 29, 7 p.m. Arts Quad near Goldwin Smith Hall. "The Tompkins County Horseflies," bluegrass music with a caller. The event will be moved to Willard Straight Memorial Room in the event of rain.

Thursday

July 29, 8:30 p.m. Arts Quad, Dominic Versage, accordion.

Tuesday

Aug. 3, 4 p.m. A.D. White House Garden. Myra Kovary, harp.

Thursday

Aug. 5, 7:30 p.m. Law School garden, an evening of Yiddish songs.

Religion

Sunday

July 25, 11 a.m. Sage Chapel. Inter-religious Convocation: John A. Taylor, University Unitarian Universalist Chaplain; Minister, Unitarian Church, Ithaca.

Sunday

August 1, 11 a.m. Sage Chapel. Inter-religious Convocation: Ronald D. Mack, Associate Professor of Psychology, Cornell.

Sunday

August 8, 11 a.m. Sage Chapel. Inter-religious Convocation: Frank B. Miller, Professor of Industrial and Labor Relations, Cornell.

Sunday

July 11, 11 a.m. Sage Chapel Inter-religious Convocation: William Pinder III, University A.M.E. Zion Chaplain; Pastor, St. James A.M.E. Zion Church, Ithaca.

Sunday

July 18, 11 a.m. Sage Chapel. Inter-religious Convocation: Ingrid Olsen-Thensvold, Assistant Director, Cornell United Religious Work (CURW).

A.M.E. Zion

Sunday, 11 a.m. St. James A.M.E. Zion Church, 116 Cleveland Avenue.

Baha'i

June 23, July 13 and 31, August 19, all at 7:30 p.m. Call 272-5278 or 273-4240 regarding location.

Baptist

Sunday, 10 a.m. First Baptist Church

(Dewitt Park, corner E. Buffalo and N. Cayuga Streets).

Catholic

Monday-Friday, 12:15 p.m. Anabel Taylor G-19; Saturday, 5 p.m. Anabel Taylor Chapel. Sunday, 9:30 and 11 a.m. Anabel Taylor Auditorium. Sacrament of Reconciliation by appointment.

Christian Science

Sunday, 10:30 a.m. First Church of Christ, Scientist (University Ave. at Cascadilla Park).

Congregational

Sunday, 10 a.m. Congregation Church, 309 Highland Ave.

Episcopal

Sunday, 9:30 a.m. Anabel Taylor Chapel. Evangelical

Sunday, 10:30 a.m. and 7 p.m. Bethel Grove Bible Church, 1763 Slaterville Road.

Friends (Quakers)

Sunday, 10:30 a.m. Hector Meeting House, Perry City Road. rides leaving Anabel Taylor Hall parking lot at 10 a.m.

Jewish

Friday, 7:30 p.m. (Orthodox). Young Israel House; Friday, 7:30 p.m. (Conservative). Anabel Taylor Courtyard (A.T. Edwards Room in case of rain). Saturday, 9:15 a.m., Orthodox, Anabel Taylor Edwards Room.

Latter-day Saints

Sunday, 9 a.m. Sacrament Meeting; 10 a.m. Priesthood; 11 a.m. Sunday, 11 a.m. Sunday School. Latter-day Saints Chapel, Burleigh Drive.

Lutheran

Sunday, 10:45 a.m. Lutheran Church, 109 Oak Avenue.

Muslim

Monday-Thursday, 1 p.m. Anabel Taylor 218; Friday 1 p.m. Anabel Taylor Edwards Room. Orthodox (Eastern) Sunday, 10:30 a.m. St. Catherine Greek Orthodox Church, 120 W. Seneca St.

Unitarian Universalist

Sunday, 10:30 a.m. Unitarian Church,

corner of N. Aurora and East Buffalo Sts.

United Church of Christ

See Congregational.

United Methodist

Sunday, 9 a.m. Informal, Stewart Park; Sunday, 10:30 a.m. St. Paul's United Methodist Church, corner N. Aurora and East Court Sts. Sunday, 10 a.m. Forest Home Chapel, 222 Forest Home Drive at Warren Road.

United Presbyterian

Sunday, 10 a.m. Presbyterian Church, corner N. Cayuga and Court Streets.

Theater

Wednesday through Saturday

June 30-July 10, 8:15 p.m. "Hangar Theatre. "Cabaret" with libretto by Masteroff. Lyrics by Fred Ebb, music John Kander. No performance on Monday, matinee performance at 2:15 p.m. on second Wednesday only.

Wednesday through Saturday

July 14-24, 8:15 p.m. "Hangar Theatre. "Dear Ruth" by Norman Krasna. No performance on Monday, matinee performance at 2:15 p.m. on second Wednesday only.

Wednesday through Saturday

July 28-Aug. 7, 8:15 p.m. "Hangar Theatre. "Loose Ends" by Michael Weller. No performance on Monday, matinee performance at 2:15 p.m. on second Wednesday only.

Wednesday through Saturday

Aug. 11-21, 8:15 p.m. "Hangar Theatre. "Pudd'nhead Wilson" by Mark Twain adapted by Kenneth Pressman. No performance on Monday, matinee performance at 2:15 p.m. on second Wednesday only. Box Office Phone 273-2432.