



STATION NEWS

A House Organ for Station Employees
Not for Publication Without Consent

Volume 88, No. 11
November 30, 1974

New York State Agricultural Experiment Station, Geneva

CALENDAR OF EVENTS

- December 2—4:00 p.m.—Staff Room, Jordan Hall—Seed and Vegetable Sciences Department Meeting
- 3—10:00 a.m.—Conference Room, Jordan Hall—Farm Bureau, Farm Records
- 5—1:00 p.m.—Tour, SUNY, Alfred
- 5—7:30 p.m.—Staff Room, Jordan Hall—Explorer Post Committee Meeting
- 9—3:00 p.m.—Director Barton's Office—Geneva Department Heads
- 13—1:30 p.m.—Tour, Biology Club, Hobart College
- 15—3:00 p.m.—Jordan Hall—Station Club Christmas Party
- 16—10:30 a.m.—Tour, New York State Department of Environmental Con-

servation, Rogers Education Center, Sherburne, New York

18—7:30 p.m.—Jordan Hall—Keseca Boy Scouts

CHRISTMAS PARTY

The annual Station Club Christmas party will be held Sunday, December 15, in Jordan Hall from 3 until 5 p.m. Traditional highlight of the party will be a visit from Santa Claus bringing gifts for all the children.

Each family is asked to bring a plate of hors d'oeuvres or similar types of appetizers.

Those who missed the deadline of November 25 to sign themselves and their children up for the party are asked to contact Rita Reissig at 2272.

OPERATION MERRY CHRISTMAS

Because of the generosity, concern, and caring of the Station employees for the less fortunate people in Geneva and vicinity in previous years, Operation Merry Christmas has been an overwhelming success here at the Experiment Station.

This year there will be a box placed in EACH department about 2-3 weeks prior to Christmas. There will also be a box at our annual Christmas party for anyone who wishes to place a donation then. You may donate canned goods, including much needed baby food, nonperishable foods, and/or toys for a child (if gift wrapped, please mark age group and designate for boy or girl). Monetary donations would also be greatly appreciated to enable the purchase of canned hams for the needy families. Please make check out to "Operation Merry Christmas" and send it to Betty Porterfield in Sturtevant Hall.

All of the donations will be taken to the headquarters of Operation Merry Christmas, The House of Concern on Lewis Street, where they will be packaged and delivered a few days prior to Christmas. If anyone wishes to volunteer his or her services one week prior to Christmas in preparing and/or delivering the boxes to the needy families, you may contact House of Concern.

STATEMENT ON CONSERVING ENERGY

Following is an excerpt from a letter that Director Barton received from John F. Buckhoff, Jr., P. E., Assistant Vice Chancellor for Plant Management, State University of New York.

"In order to effect further reductions throughout the University as our contribution to the energy problem and a means by which to preserve our financial well being, the following operating criteria will be observed until further notice:

"Heating Systems (Winter Season): (a) Daytime temperatures should not exceed 68° F in all academic buildings. (b) Nighttime, weekend, and vacation period temperatures should not exceed 55° F in all academic buildings. (c) Domestic hot water temperatures should not exceed 120° F except kitchen and infirmaries. State Health Department regulations for those areas will be observed. (d) Outside make-up air should not exceed 10 per cent of the total building air requirement unless needed for precooling (except structures requiring 100 per cent make-up air).

"Electrical Systems: The following illumination levels should not be exceeded: (1) Laboratories, 70 footcandles; (2) Offices, classrooms, lecture halls, kitchens, 50 footcandles; (3) Dining halls, 30 footcandles; (4) Corridors, lobbies, stairwells, and public areas, 20 footcandles; (5) Storage spaces, service corridors, docks, etc., 15 footcandles; (6) Parking lots, walkways, roadways, quad site lighting, 0.8 footcandles.

"Also, all interior and exterior decorative lighting systems should be taken out of service except for ceremonial occasions.

"Campus administrators are urged to carefully review these situations in light of our financial and energy supply problems."

In an effort to meet the above, Buildings and Properties will be checking temperatures and footcandles in all buildings.

Employees are again asked to conserve energy by: (1) Closing all storm windows. (2) Keeping thermostatically controlled areas to 68° F. (3) Turning off unnecessary radiators. (4) Wearing warmer clothing if necessary. (5) Keeping doors to offices and laboratories closed. (6) Keeping shades and blinds drawn where possible. (7) Turning off all lights whenever out of laboratory or office. (8) Turning off hot water faucets when not in use. (9) Shutting all doors and turning off all lights when you leave office at night. (10) Tur-

ning off equipment when not in use, such as air conditioners, electric typewriters, laboratory equipment, fume hoods where possible, exhaust fans, etc. (11) Coordinating use of equipment where possible. (12) Closing unused rooms. (13) Reducing number of hours worked in laboratory and office at night.

Custodians have been directed to turn off lights in all rooms when they are done cleaning unless, of course, the room is otherwise occupied. Also, they are directed to observe temperatures and to turn manually operated radiators on and off as needed to maintain temperature in rooms at 68° F.

Members of the Station Energy Committee wish to commend all Station employees for their cooperation on this serious problem. Your efforts at energy conservation have been excellent, and it is making a tremendous difference in electrical and steam loads. We applaud you and know that we can count on your continuing support in the months ahead.

STATION CLUB RECREATION FACILITY

The Station Club Recreation Facility Fund Drive has been a huge success. For the benefit of those who did not hear Herb Aldwinckle's report at the Station Club banquet last month, here are some encouraging figures:

Number of contributors	219
Total pledged	\$5,196.30
Total deposited	4,459.60
Outstanding pledges	\$ 736.70

As you can see, once the collection of outstanding pledges is complete, we will be \$1,196.30 above our initial goal of \$4,000. Since Cornell University is matching our funds dollar for dollar, we will end up with a surplus of close to \$2,400.

Tentative plans are to earmark this money for improvements in the facility with such possible additions as more picnic tables, a fireplace, or partial enclosure of the pavilion. The Recreation Committee would welcome any suggestions you have concerning the utilization of the extra funds.

Even more encouraging than surpassing our financial goal is the fact that 219 Station employees chose to contribute to the drive. This 70 per cent participation gives a clear indication that most Station people support the development of a recreation facility at the Station.

Your support has revitalized the spirits of the Recreation Committee members who are now hard at work completing the development of the facility. Right now we can announce that the pavilion has been ordered from the manufacturer and that fabrication is soon to begin. With the help of Station volunteers, construction at the site will take place next spring.

STATION CLUB MEMBERSHIP DRIVE

The 1974-75 Station Club Membership Drive is being held November 25 through December 6. Your support is needed for the success of Station Club, and officers would like to introduce more activities in the future as your desires are made known. Since the Club is the only social organization within the Station that includes everyone, its functions are the best possible way to get acquainted with new people and renew old acquaintances.

Fees are still only \$3.00 for a family and \$1.50 for a single membership. Department representatives have membership cards and information. There will be a \$15, \$10, and \$5 drawing from the list of members, and the drawing will take place at the Christmas party.

Join today if you have not already done so.

MEETINGS

John Bourke, Food Science, attended the Eastern Regional Research Center Annual Collaborators' meeting November 7 and 8 in Philadelphia, Pennsylvania.

Zeta Vickers, Don Downing, Lou Massey, Gil Stoewsand, John Stamer, Malcolm Bourne, Andy Rao, Don Splittstoesser, Bob LaBelle, Willard Robinson, and Jim Moyer, Food Science, attended the annual IFT symposiums in Rochester November 21. The event was cosponsored by the Western New York Section of the Institute of Food Technologists and the Department of Food Science and Technology, Geneva.

Gerry Marx, Stan Shannon, and Anwar Khan, Seed and Vegetable Sciences, attended the American Society of Agronomy meetings held in Chicago November 10-15. Anwar was invited to participate in a symposium on seed dormancy and presented a paper entitled "Synergism Between Cytokinin and Ethrel in Seed Germination and the Release of Seed Dormancy."

George Abawi, Al Braun, Herb Aldwinckle, Lowry Massie, Mike Szkolnik, and Jerry Uyemoto, Plant Pathology, presented papers at the Northeastern Divisional meeting of the American Phytopathological Society held in Syracuse November 6-8.

George Abawi, John Gilpatrick, Lowry Massie, and Roger Pearson, Plant Pathology, and Chand Watve, Sieg Lienk, Ken Trammel, Rick Weires, Chuck Eckenrode, Dale Webb, Sandy Davis, Dick Straub, and Haruo Tashiro, Entomology, presented papers at the 36th New York State Pesticide Conference in Ithaca November 10-14.

Roger Way, Pomology and Viticulture, gave a talk about apple varieties at the Southeastern Pennsylvania Fruit Meeting at Leesport, Pennsylvania on November 12.

James Cummins and Nelson Shaulis, Pomology and Viticulture, spoke at the Arkansas Horticultural Society annual meeting in Ft. Smith on November 19-21. Nelson's topics were "Vineyard Fertilization by Tradition or Nutrition?" and "Grapevine Photosynthesis as Related to Vineyard Management." Jim spoke on apple rootstocks.

Haruo Tashiro, Entomology, presented a talk at the Northeast Regional Golf Course Superintendents Pesticide Seminar on November 13 at Waltham, Massachusetts.

Sandy Davis and Ron Kuhr, Entomology, attended the NE-36-53 meeting at Ithaca November 12.

Ken Trammel and Hal Willson, Entomology, were in Biglerville, Pennsylvania October 28-30 attending a meeting on stone and pome fruits in connection with the Integrated Pest Management (Huffaker) Project.

Ed Glass, Entomology, spoke at the November 4 meeting of Jugatae on the "Geneva Department of Entomology Program."

Willard Robinson, Food Science, and Ed Glass went to Pennsylvania State University November 6-7 representing this Station on the Northeast Technical Steering Committee on a program of Food Research for the Northeast.

WILLARD ROBINSON RECEIVES SPECIAL AWARD

Willard Robinson attended the American Wine Society meeting in Dearborn, Michigan on November 8 and 9 where he presided over the enology sessions. The society honored him with a lifetime membership and its annual award of merit for "The development, in the department of Food Science at the N. Y. S. Experiment Station at Geneva, of an effective section of enology jointly supported by government and private industry, and advised by the Wine Technical Advisory Panel of the Northeast (*sic*)."

The award is a fitting recognition by the society of Geneva's leadership in viticulture and enology research.

VISITORS

Ellen Wells, librarian of the History of Science Section at

Cornell University, visited our library on November 21 to evaluate our old and rare books, many of which were printed in the 1600's and 1700's. The oldest book located on the shelves was printed in Venice in 1560. These books are gradually being pulled from the shelves and will be stored in our librarian's office. Suggestions for their repair and preservation were made by Miss Wells, and a listing of our holdings will be sent to the History of Science Section so that duplications in their acquisitions will not be made.

Dr. Shigetoshi Miyajima visited the Department of Entomology on November 4. He is senior research scientist (virologist) at Aichi-Ken Agricultural Research Center, Yazako, Nagakute, Aichi-Gun, Aichi-Ken, Japan. Dr. Miyajima's interest in visiting the Station was to inquire about alternative means of controlling insect pests, especially the progress of development of insect viruses as control agents.

Dr. Dick Staples of Boyce Thompson Institute visited the Department of Entomology on November 8 to discuss future cooperative research in international entomology.

Dr. William Bushnell, plant physiologist from the USDA Cereal Rust Laboratory in St. Paul, Minnesota, visited the Plant Pathology Department November 13 and presented a movie on the infection process of powdery mildew on wheat. He met with Harvey Hoch to discuss host-parasite relations.

Edward T. Ostermeyer, Project Manager, New Products Division, Eastman Chemical Products, Inc. recently visited Anwar Khan. They discussed solvent permeation method of treating seeds with biologically active chemicals.

Dr. Milan Simak of the Royal College of Forestry, Stockholm, Sweden visited Claude Heit, Seed and Vegetable Sciences, November 21 and 22. He was interested in germination of tree seed and in the research that Claude is conducting. He also spent some time with the seed physiology group discussing problems relating to biochemical aspects of seed germination.

Dr. John Hamblin from Cambridge University, England visited Mike Dickson, Seed and Vegetable Sciences, to see the bean breeding program.

Ruben Villareal and Romeo Opena, Asian Vegetable Research and Development Foundation, the Philippines, visited the Department of Seed and Vegetable Sciences. They were interested in tomato and other vegetable breeding work.

Drs. G. J. Servadio and A. C. Garza of the Heublein Corporation visited with members of the Department of Food Science and Technology on November 15 to discuss the wine research program.

Dr. Bert Shelton, Director of Research and Development; Dr. Graham Stewart, microbiologist; and Dr. William Humphreys, senior microbiologist, of the La B  t Brewing Company of Canada visited Food Science on November 13.

Dr. Loyd Edgington and his graduate student, Winston Small, from the University of Guelph visited with George Abawi, John Gilpatrick, Harvey Hoch, Jim Hunter, Mike Szkolnik, and Anwar Khan November 21-22. Dr. Edgington presented a seminar on the use of isolated plant cuticles in studies involving uptake of pesticides in plants.

Dr. Gerd Hanssler from the University of Wisconsin visited the Plant Pathology Department. Dr. Hanssler arrived in Geneva with George Abawi and Jim Hunter. They were returning from Washington, D. C., where they attended and participated in the first Sclerotinia Workshop and met with CSRS personnel October 29-November 1.

APPOINTMENTS

Patricia Gibbs will start working full time December 16 in Computer Services. Patricia has been employed there part time since last December.

James R. Miller will start working December 5 as a post-doctoral associate in Entomology. He will be under Wendell

Roelofs and will be engaged in the program on insect pheromone chemistry. James received his B.A. degree in biology in 1970 from Millersville State College and his Ph.D. degree in entomology this year from Pennsylvania State University. He won the Eastern Branch of the Entomological Society of America's Graduate Student Recognition Award in 1973.

SYMPATHIES

Dr. James Cusick died November 1 in Hammondsport. He was on the Station staff 1907-1912 in the Chemistry Department.

We would like to express our condolences to Herb Aldwinckle whose father recently passed away.

LIBRARY CORNER

New Books

632.95 Et6 Eto, M. Organophosphorus pesticides: organic and biological chemistry. Cleveland, CRC Press, 1974.

543.8 M56 Methods in biochemical analysis, v. 22, 1974.

663.2 R35 Ribereau-Gayon, J. et P., Peynaud, E. and P. Sudraud. Sciences et techniques du vin. Tome 1. Analyse et controle des vins. Paris, Dunod, 1972.

Missing Books

664.8 M87 Advances in food research, v. 19, 1971.

541.3 W43 Weissberger, A. Techniques of organic chemistry, volumes 2, 5, 10, and 13.

663.2 B44 Benvegnin. Traite de vinification, 2d ed. Lausanne, Librairie Payot, 1951.

More on Budget Crunch

We have been informed that as of December 31, 1974, the *Bibliography of Agriculture* will no longer be published by Macmillan Publishing Co. The discontinuance has become necessary because of rising costs which make it impossible for the publisher to continue the publication at a reasonable price to the subscriber. All 1974 issues, as well as the annual subject/author cumulation will, however, be published as planned. At this date, another publisher for the *Bibliography of Agriculture* has not been found, and it is possible that we will be unable to obtain it in the future, although the librarian at Mann Library feels that eventually it will be picked up by another publishing firm.

Computer Literature Searches

Chemical Abstracts: Literature searches are not available from Chemical Abstracts Service, although CAS has licensed a number of organizations to use one or more CAS files from which these organizations derive marketable services for their respective customers. These Information Centers provide a variety of services, among which are current awareness services and retrospective searches. Centers often provide an economical means for individuals and organizations to obtain needed information immediately while minimizing cost since charges are generally based on the specific service rendered. Individual Centers operate differently, providing different services and using different CAS files. Many offer services based on files from other suppliers. Inquiries regarding the operation of a specific Center should be directed to the Center, a list of which is in the librarian's office.

Index Medicus: Available through the SUNY Biomedical Communication Terminal, *Index Medicus* provides more than 2 million references in such areas as nutrition, human development, animal science, physiology, biochemistry, and public health. These citations are indexed from more than 2,400 medical and biological journals from 1964 through the current month. In addition, a Current Awareness service is available which automatically updates literature searches each month. An appointment is usually necessary for an interview and trial, during which a search analyst will discuss the topic of interest, convert it

into computer acceptable language, and retrieve sample citations for evaluation. Charges to Cornell patrons are \$2.00 for 1964-71, \$2.00 for 1972-74, and \$4.00 for 1964-74. Current Awareness updating for 4 months is \$1.00. A copy of the 1973 *Medical Subject Headings* is available in the librarian's office.

Biological Abstracts and *Bibliography of Agriculture*: Both of these abstracting services were available on a trial basis over the summer through the Engineering Library at Cornell. The tieup was with Oakridge, Tennessee, and although it was a free service, it was long-range and a slow process. The computer was run at Oakridge only on weekends, and there may or may not have been an updating service. Further information should be available soon from the librarian at the Engineering Library concerning continuation of these services.

SAFETY

Eye Protection

This is to again remind all Station employees of the necessity for wearing eye protective devices for certain jobs and areas of work. Department heads and supervisors are responsible for seeing that their employees have the necessary protection devices for working in hazardous areas.

Plano (non-prescription) safety glasses or spectacles for use by all individuals who are exposed to occupational eye hazards are to be provided by the departments. Special types of eye protection such as cover-all goggles, face shields, "tourguide" visitors' safety goggles, etc. for use when needed should also be provided. These items can be purchased from General Stores in Ithaca.

Prescription safety glasses can be purchased through the Business Office by any Station employee at a nominal cost. For details, contact Clarence E. Kunz, Business Office, 2202.

SUGGESTION BOX

Comment:

It is very annoying to be told to try to use less paper and recycle what we do use and then get one full page of bond paper to every employee telling about a new personnel typist or our sewer being connected to the city sewer!

It's time the administration did its part in reducing paper usage and cost. One copy per department could easily be circulated to accomplish such communications.

Reply:

A "suggestion box" comment was received questioning the practice of notifying all employees about such items as a new personnel office employee or the guidelines for employees in relation to specific new construction projects. It is readily agreed that we should, as far as possible, utilize departmental notices and that these will result in economies in the use of paper. We realize, however, that departmental notices may not reach every employee on a matter on which he should personally be informed. We will try to get individual notices to employees in cases where their interests are involved. We'd rather err on the side of being sure that employees are being informed adequately, than in the other direction.

GENEVA JOB OPPORTUNITIES

Research Technician II—Food Science and Technology
Laboratory Assistant, Regular part-time—Plant Pathology
Postdoctoral Associate in Natural Products Chemistry—
Entomology
Plant Pathologist-Epidemiologist (Professorial level commensurate with qualifications)—Plant Pathology

CLASSIFIEDS

Found—A small gold ring has been found near the ice machine in Food Science. It is approximately size 5-½ and has a ruby setting with two small white pearls. To claim, contact Charlotte McCarthy at 2255.

Work Wanted—Working woman would like babysitting job Friday nights and weekends in her home preferably. Contact Betty Porterfield at 2242.

For Sale—Fireplace wood. Seasoned, hard maple. Any amount. Call Lawrence Crance, 789-8021, after 5 p.m.

For Sale—Fresh capons for Christmas. Contact Paul Wilck, 2258.

THE CHATTER BOX

A luncheon was held at the Geneva Country Club on November 21 in honor of three departing Entomology staff members: Haruo Tashiro, who will be on sabbatical leave in Hawaii; Clint Kawanishi, who will be with EPA near Raleigh, North Carolina; and Hal Willson, who is transferring to Ithaca to take the position of Extension Entomologist. Slides were shown, appropriate gifts presented, and an enjoyable time was had by all.

Lareta Millerd, Pomology and Viticulture, and Evelyn Myer, Publications, are very proud of their grandson, Steven Myer. Steve won first prize for selling the most tickets (130) for the Cub Scouts to the Scout-o-rama held Saturday, November 16. The prize—a 10-speed bike.

Kathy Poole, Entomology, returned from leave November 7. She stayed home to take care of her daughter born in August.

Malcolm Bourne returned November 17 from a month's trip to South America where he spent 4 weeks at the University of Campinas, Brazil teaching a course in food rheology at the university. Then he visited several days at the Food Technology Research Institute in Campinas and assisted with its research program and production of soymilk. While there, Sonia da Silva returned from her 3-month stay in Malcolm's laboratory here at the Station, and they were able to visit her laboratory and discuss her research program.

George Slate, Pomology and Viticulture, spoke about bulbs to the Syracuse Men's Garden Club on November 21.

WEATHER

		Max.	Min.	Rain, Melted Snow, etc.	Snow, Ice Pellets, Hail	Snow, Ice Pellets, Hail, Ice on gnd. (inches)
November	1	72	55			
	2	74	43	.05		
	3	48	35			
	4	64	38	.40		
	5	46	39	.57		
	6	49	40	.52		
	7	48	39	tr.		
	8	44	31	.01		
	9	52	38	.74		
	10	43	35			
	11	48	34			
	12	54	41			
	13	46	35	.02		
	14	45	35	tr.		
	15	47	27			
	16	37	29			
	17	44	31			
	18	45	35			
	19	50	33			
	20	53	35	.58		
	21	50	36	.40		
	22	37	25	.10	.3	
	23	29	23			
	24	48	27	.28		
	25	55	31	.12		
	26	32	19		1.3	1
	27	26	16		tr.	1
	28	33	20		.1	1
	29	40	27		tr.	1
	30	30	23			