



Nesting Woodcock — Darrow Woods

STATION NEWS

A House Organ for Station Employees
Not for Publication Without Consent

Vol. 93, No. 4
April 1979

New York State Agricultural Experiment Station, Geneva

STATION CHEST DRIVE OVER TOP

Always responsive to community affairs, Experiment Station employees once again demonstrated their interest in worthy organizations and activities by contributing nearly \$5,900 to this year's Community Chest-Red Cross Campaign. Target for the Station this year was \$5,500, so the Station attained almost 108 per cent of its goal. As most of you know, the Geneva Community Chest is divided into various divisions with the Experiment Station being part of the Educational Division which also includes the public and parochial schools, Lochland School, and Hobart and William Smith Colleges. Of the many divisions in the Chest, only two reached or exceeded their targets in this year's drive. One was the Education Division which went over its \$20,100 goal and the other was the Public Service Division. In these times of high inflation and tight pocketbooks, it is very gratifying to learn that our employees continue to maintain a high degree of concern for worthwhile projects such as the many agencies in the Geneva Community Chest represent.

Chairing this year's drive was Herb Aldwinckle, Plant

Pathology. Special plaudits go not only to him but to the excellent group of people who helped in the various departments around the Station, such as Tom DeYulio, Yong Hang, Bob Kime, Bruce LeClaire, Ken Livermore, Glen McGuigan, Bruce Moore, Roger Pearson, Paul Robbins, Stan Shannon, Bill Sherring, and Barry Smith. At this writing, the total contributions received by the Geneva Community Chest stand at about \$115,000, well short of the hoped-for goal of \$135,000. However, Ned Clark, Co-chairman of the total campaign, feels that it should be possible to come close to the amount that was raised last year, which was about \$125,000. This money will then be allocated to the 16 agencies in the Geneva Community Chest for the coming year.

MEETINGS

Ed Glass, Entomology, was a member of the review team for the Department of Entomology at Purdue University in Lafayette, Indiana April 27.

Wendell Roelofs was in Raleigh, North Carolina April 11 to speak at the Insect Migration Conference and then went

to Buckeye, Arizona April 29 to consult for Conrel Company on *pheromone disruption* tests.

Beth Fein, Entomology, attended the Apple Maggot Conference in Ottawa, Canada in April.

Nelson Shaulis, Otis Curtis, Walt Kender, and Bob Pool, Pomology and Viticulture, were in Ithaca April 5 attending the Monsanto Academic Seminar. A nice added attraction to this meeting was that Nelson was honored at the banquet for contributions in weed science.

Gary Howard, Pomology and Viticulture, and Terry Acree, Food Science, attended the 29th Annual Horticultural Products Laboratory Wine Meeting at the Vineland Research Station, Ontario, April 25.

John Oughterson, Plant Introduction, was in Beltsville, MD March 12-16 at the OSHA Collateral Duty Safety Training Course. The purpose of this course was to demonstrate hazard recognition and health and safety education. Highlights included demonstrations of flammable characteristics of liquids and gases, container storage requirements, and fire behavior.

Tom Burr, Plant Pathology, presented a paper at the Eastern Research Conference of Plant Pathologists at the University of Wisconsin April 9-10. The paper was on Ecology of Root Infecting Microorganisms.

Mike Dickson, Mary Ann Boettger, and Betsy Lamb, Seed and Vegetable Sciences, participated in a Plant Breeding Symposium at Ames, Iowa, March 12-15.

Morrie Vittum, Seed and Vegetable Sciences, was involved as a member of the Departmental Review Team at the Department of Plant and Soil Science, University of Massachusetts, Amherst, April 18-20.

Don Splittstoesser, Food Science, lectured at Purdue University April 22-23 at the Better Process Control School. Then, on April 25 he visited Heublin Corporation in Hartford, CT to discuss spoilage problems with tomato products.

George Rickey and John Martini, Food Science, attended an update for Plant Inspector Session at Cornell on April 5.

Ross Hackler, Food Science, spent March 27-31 serving on a Food Science and Nutrition Review Panel at the Pennsylvania State University.

Bob LaBelle, Food Science, traveled to Rhode Island April 26-27 to observe a special pressing of Empire apples. These apples were grown and stored under controlled atmosphere in Connecticut. The Italian made Mearelli Press, which is used in the wine industry there and which requires less labor than the old rack and cloth press, is being adapted to cider and apple juice production. His return from Providence was delayed by heavy rain and fog that prevailed along the coast Friday. This caused him to take an Alleghany flight the next morning from White Plains instead.

Geza Hrazdina, Food Science, was selected by the National Academy of Sciences to participate in a 4-month exchange program with the Hungarian Academy of Sciences. Geza began this assignment April 12.

Willard Robinson, Food Science, and Bob Pool, Pomology and Viticulture, attended a meeting sponsored by the New York State Department of Agriculture and Markets that was held in Binghamton, April 25. Discussed at this meeting was a proposed bill to increase the tax on wine sales \$.01 per gallon at the wholesale level in New York State. Proceeds are to be designated for research and promotion. The industry representatives voted to support the bill and elected a Steering Committee to organize a Wine Industry Institute in New York State.

Thirty-three representatives of the Fruit and Vegetable Processing Industry met in Rochester April 12 to attend a Symposium on Research presented by 13 members of our Food Science and Technology Department plus Brian How of the Department of Agricultural Economics from Ithaca.

A Workshop for Hard Cider Makers was held in Geneva April 18-19. Twenty-seven attendees participated from the states of New York, Michigan, New Jersey, Virginia,

Washington, D.C., Massachusetts, Minnesota, and Canada. Discussion leaders from Food Science and Technology were Don Downing, Bob LaBelle, Jerry VanBuren, and Adam Giffard (cider maker, North Branch, N.Y.), and Fran Dellamano (Oswego County Cooperative Extension).

CALLING ALL HANDCRAFTERS

Response to our last Craft Fair was positive, and we are going to try doing this again next fall in conjunction with the next book sale. Many of the same people will be joining in this next fair, but we would like to have others, too. Anyone who might be interested in displaying and selling their wares, or who needs craft suggestions, please call Gail Hyde at 787-2214.

DISPLAYS IN THE LIBRARY

We have been very fortunate to have been able to display the talents of several of the Station people in the last several months. Past exhibits have included the oils of Bev Pinckney and Sarah Clark; Mary Spittler's lithographs; Paris Trail's photographs, wood carvings, and pottery; Bob LaBelle's legume collection; Bob Becker's wood carvings; and currently we are showing Gertrude Catlin's photography through mid-May. Scot Shannon will have an exhibit of water colors and drawings from mid-May through mid-June. We would encourage anyone with exhibit suggestions to call Gail Hyde at 787-2214.

VISITORS

Dr. Tseh Chen, Department of Plant Biology, Rutgers University, presented a seminar April 13 to the Plant Pathology Department on the "Spiroplasm: a new type of plant pathogen."

Dr. Richard R. Nelson, Evan Hugh Professor of Plant Pathology, the Pennsylvania State University, presented a station seminar April 25 on "Some thoughts on disease resistance in plants." While at the Station, Dr. Nelson participated in the discussion sessions held in Plant Pathology Department April 25-26. He also met with colleagues to discuss mutual interests in disease resistance breeding.

Dr. Gaston Pichard of Chile was given a tour of the Plant Introduction facilities April 24 by Des Dolan.

Tadeusz Holubowicz visited with members of Pomology and Viticulture April 27-30. Dr. Holubowicz is Head of the Pomology Department, Academy of Agriculture, Poznan, Poland. He spent 4 months in our Pomology and Viticulture Department in 1974.

Visiting Mike Dickson, Seed and Vegetable Sciences on March 29 was Britt Granqvist, Ohlens Agricultural Station, Copenhagen, Denmark.

Recent visitors in Seed and Vegetable Sciences included Dr. Steig Blixt, Weibullsholm Plant Breeding Institute, Landskrona, Sweden; S. Gordin, Agricultural Research Organization, Volcani Institute, Israel; and Paul A. Dodd, Deputy State Conservationist, Soil Conservation Service, Syracuse.

Paul Dodd, Deputy State Conservationist for the Soil Conservation Service, visited the Station April 3 to plan a tour of the Experiment Station for SCS personnel. The tour is scheduled for July 18.

APPOINTMENTS AND RESIGNATIONS

Paul Baker, was appointed as Research Associate III April 9 in Entomology and Food Science. He is the new IR-4 Field Coordinator for the Northeast Region, Minor Crop Use Registration Program.

Doreen Yen, was hired as a Programmer C working for Jim Tette, Entomology. Doreen is from Oregon and began work March 26.

Jane Polston, is working in Entomology and Plant

Pathology with Harvey Reissig and Bob Seem. She began work May 3 as a Research Support Specialist and will be working in the general area of Integrated Pest Management.

Jane Greer, Debra Snyder, Jim Smith, and Sylvia Barol have been appointed temporary service laborers in Pomology and Viticulture.

Gail Knapton has been appointed Stenographer in Pomology and Viticulture.

Mary Jean Welser was appointed Research Technician in Pomology and Viticulture for 1 year and will be working with Bob Pool and Alan Lakso on crop loss in grapes/powdery mildew.

Mike Wissemann was appointed Research Aide in Seed and Vegetable Sciences and will work with Dick Robinson on cucurbits and tomatoes.

Accepting a position as Graduate Research Assistant with Mike Dickson is Betsy Lamb. She will assist in the study of inheritance of resistance to seed corn maggot in beans and the development of screening techniques.

Cynthia Mellen is working with Ben Clark and Stan Shannon, Seed and Vegetable Sciences, this summer.

Becky Kennedy, who worked with Bob Musselman, Pomology and Viticulture, the past 2 years on air pollution studies and with Bob Pool and Charlotte Pratt in their studies involving anatomy of grapes, has left the Station following termination of the grant.

Kathy Dougherty resigned her position in Plant Pathology April 24. During her 2 years at the Station she worked with Bob Seem, Roger Pearson, and John Gilpatrick devoting many hours counting spores under a microscope. According to reliable sources, the latest tally was that she had counted 52,437,972 spores. Kathy plans to be married to Tom Tourje at the end of June and then reside in Liverpool, N. Y. Meanwhile, she will be working as a dental lab technician in the Syracuse area. We wish Kathy the best of luck in her new endeavors.

Dr. Cyrus Samimy is a new Research Support Specialist in Seed and Vegetable Sciences working with Anwar Khan. Dr. Samimy replaces Ellen Leue who returned to graduate school at the University of Wisconsin. Cy received B.S. and M.S. degrees in Agronomy from the University of Arizona, and a Ph.D. degree in Plant Physiology at Iowa State University. He spent 4 years at the University of Jundi Shapur at Ahwaz, and 4 years at Ferdowsi University at Mashad, both in Iran, before returning to the United States last year. Cy, his wife, Jean, and their two children live in the Station house on Castle Road.

RETIREMENT

A retirement dinner was held at the Town Pump Restaurant, Orleans on Sunday, April 29 for Steve Valerio, Pomology and Viticulture. Steve retired May 1 after serving Pomology and Viticulture for 32 continuous years. Fifty-two friends of the Department and Station attended this event. Bob Pool acted as Master of Ceremony with John Einset, Walt Kender, Henry Bennett, Ray Mallaber, and Bill Srmack as speakers. We congratulate Steve on his excellent service to the station.

ILLNESS

We have learned that Harold Bremer, formerly in Seed and Vegetable Sciences, is currently at home recuperating from a recent stay in the hospital. We are sure Harold would like to see his friends, but a call before dropping in would be appreciated.

NOTES OF INTEREST

Desmond Dolan, Coordinator of the Regional Plant Introduction Station, Northeast Region, was presented the St. George Emblem by the Rochester Diocese of the Catholic Committee on Scouting this past month. This award honored Des for his more than 20 years activity in the Scouting Program. Des' scouting service includes member of the Troop Committee at Troop 8 of St. Stephen's Church, Geneva; Training Chairman of Keseca District; Organization and Extension Chairman of the District; and 3 years as Vice Chairman of the District. He has been a member of the Catholic Committee on Scouting for the Finger Lakes Council for the past 13 years.

Dr. Gerry Marx presented a paper entitled, "The role of genetics in breeding for quality of vegetables" at the Seventh Long Ashton Symposium in Bristol, England, April 8-11.

Pat Vittum, "moonlighting" as coach of the William Smith tennis team this spring, had a successful season in her coaching debut. The Smithies ended with a 5 and 1 record, losing only to Cornell. Congratulations Pat. Pat is in Entomology.

CLASSIFIEDS

Four-bedroom furnished Station House available August 23 through February 28, 1980. Excellent for 2 to 4 students or visiting scientists. Contact Keith Steinkraus, X276.



WEATHER

	Max.	Min.	Rain, Melted Snow, etc.	Snow Sleet Hail	Snow, Sleet, Hail, Ice on gnd. (Inches)
April	1	64	33	.02	
	2	47	33	.37	
	3	50	37	.23	
	4	47	27		
	5	44	31	.47	tr.
	6	43	23	.05	tr.
	7	31	25	.02	1.5
	8	36	22		1
	9	40	28	.55	4.8
	10	32	27	.70	3.2
	11	39	28		8
	12	47	33		6
	13	49	38	tr.	3
	14	50	37	.07	1
	15	53	39	tr.	
	16	47	37	.05	
	17	42	36	.13	
	18	52	35		
	19	50	34		
	20	52	30		
	21	58	43		
	22	68	51	.01	
	23	61	40		
	24	68	45		
	25	76	57		
	26	78	61		
	27	68	58	.09	
	28	59	39	.30	
	29	59	37	.01	
	30	52	32		

Station Calendar

FOR WEEK OF APRIL 1, 1979



CALENDAR OF EVENTS

- April 2-6—Library, Jordan Hall—Display of oil paintings by Sarah Clark and a collection of pulses of the world by Bob LaBelle
- 2—9:45 a.m.—Tour—Newark Junior High School Science Class
- 5—1:00 p.m.—Auditorium, Jordan Hall—Public Information Meeting on Area Wide Waste Treatment Management Planning - No. 208
- 5—3:00 p.m.—Director's Office, Geneva Department Heads Meeting (Note date change)
- 6—9:45 a.m.—Tour—Newark Junior High School Science Class
- 7—8:00 a.m. - 6:30 p.m.—Auditorium, Jordan Hall—Empire State Gladiolus Society Thirty-first Convention

COMMUNITY CHEST DRIVE

We are now at the mid-point of this year's drive. We have already received many pledges and request that those outstanding be given to the department representatives by noon Friday, April 6.

Please return all the pledge cards even if no donation is made this year. Don't forget that you can contribute to our drive and still have your gift funneled to your home area if you live outside Geneva, and that you can specify agencies you don't want to support.

Incidentally, in the last issue of Station Calendar, the last sentence in the third paragraph of the Community Chest article should have read, "public schools, and the parochial schools, is \$20,100."

REQUEST FOR ASSISTANCE

We are experiencing a cut-off during conversation while using the OGS tie lines when dialing 7-153-133 locations. If this happens to you, do not hang up call, but put on hold and call me (213) on another line. I will call the telephone company, and they will put a tracer on your cut-off call immediately so as to try to determine where the problem lies. Your help to solve this problem will be appreciated.

Thank you, Joyce Batson

Station Calendar

FOR WEEK OF APRIL 8, 1979



CALENDAR OF EVENTS

- April 9-13—Library, Jordan Hall—Display of oil paintings by Sarah Clark and a collection of pulses of the world by Bob LaBelle
9-13—Entomology Department Review
10—10:00 a.m.—Morrison Hall Seminar Room—College Department Heads Meeting
11—3:30 p.m.—Staff Room, Jordan Hall—Horticulture Seminar
11—7:00 p.m.—Staff Room—Finger Lakes Stamp Club
11—8:00 p.m.—Mrs. Barton's house—Ceres Circle
12—9:00 a.m. - 5:00 p.m.—Hilton Inn-on-the-Campus, Rochester, N.Y.—Processed Fruit and Vegetable Research Highlights Conference
12—2:15 p.m.—Tour—Students in Conservation of Natural Resources, Geneseo
13—3:00 p.m.—Room A133, Entomology-Plant Pathology Laboratory—Plant Pathology Seminar

CERES CIRCLE

There will be a Newcomers Coffee at the home of Mrs. Virginia Barton (Castle Street) on Wednesday, April 11 at 8:00 p.m. Come on out for coffee, dessert, and good conversation. All women at the Station are cordially invited to attend.

DRIVE FINISHING

The first week of the 1979 Community Chest Drive yielded \$3,500 in 124 pledges (average gift \$28.23). Hopefully, we can sustain this rate of giving in the second week and reach our target.

Since the Drive officially ends today, Friday April 6,

please give your pledges to your representative now if you haven't already done so. Of course, we can still accept pledges after today if you've forgotten or been away or just haven't got around to it.

The Drive representatives and chairman thank you for your generous support so far.

EASTER EGGS

Naturally blue-shelled eggs available to delight children and adults alike . . . provided by my Aruacana fowl (of Chilean origin). Half-dozen for \$.75. Bob LaBelle, X263.

PLANT PATHOLOGY SEMINAR

Friday, April 13, 1979 - 3 P.M.

Room A-133

Entomology-Plant Pathology Laboratory

TOPIC: Spiroplasma: a new type of plant pathogen

Dr. Tseh "John" Chen
Department of Plant Pathology
Rutgers University

Little more than a decade ago, a mycoplasma-like organism was discovered to be associated with plant yellows diseases. Since then, these wall-less prokaryotes have been suspected to incite more than one hundred plant diseases. Despite considerable efforts devoted to isolate and cultivate the yellows agents, the etiology of only two of these yellows diseases has been established. Both of the diseases were found to be caused by a new type of microorganism - spiroplasma. Recently, spiroplasmas have been isolated from healthy plant parts, and arthropods as well as diseased animals. The relationships among different spiroplasma isolates, their morphology, physiology, and possible pathogenesis will be discussed.

Station Calendar

FOR WEEK OF APRIL 15, 1979



CALENDAR OF EVENTS

- April 16-20—Library, Jordan Hall—Display of Gertrude Catlin's photography
16—3:30 p.m.—Staff Room, Jordan Hall—Forestry and Environmental Science Class, Syracuse
18—1:15 p.m.—Tour—Madison County Homemakers
18—3:30 p.m.—Staff Room, Jordan Hall—Forestry and Environmental Science Class, Syracuse
18-19—1:15 p.m.—Conference Room, Food Research Laboratory—Hard Cider Workshop
19—8:00 a.m.—Auditorium, Jordan Hall—Lazer School for Surveying, Sponsored by the Land Improvement Contractors of America
19—10:00 a.m.—Visitor—Prof. Shirley White, Communication Arts, Ithaca

NEW DISPLAY IN LIBRARY

Beginning Monday, April 16, the Library will be the scene of a display of Gertrude Catlin's photography. Gertrude has been a photographer for the Department of Entomology since 1945, and many of her award-winning insect photographs adorn the corridors of that department. For the last 10 years, she has been involved in photographing all aspects of insects and disease related subjects, from the gross subject to photomicrography. A frequent speaker

and lecturer, Gertrude is well known to local professional organizations and the biomedical students at RIT, and has recently led a seminar in photography at the Bell Glade Experiment Station in Florida. Her works have been exhibited widely, including a six-week exhibit at Prouty-Chew. On display in the Library for the next four weeks will be several of Gertrude's insect and scenic photographs.

CHEST DRIVE OVER TARGET

The provisional total for the 1979 Community Chest Drive is \$5,870.10, which is 106.7% of the target of \$5,500, and 10.5% more than 1978. Of 298 cards returned, 233 showed contributions. The average donation was \$25.19 (12.3% above 1978), and the average for all cards returned was \$19.70 (11.9% above 1978).

Station donors can be justifiably proud of this outstanding performance, especially at a time of high inflation. Herb Aldwinckle, Drive Chairman, would like to thank all donors for their generous response and especially the department representatives, Tom DeYulio, Yong Hang, Bob Kime, Bruce LeClaire, Ken Livermore, Glen McGuigan, Bruce Moore, Roger Pearson, Paul Robbins, Stan Shannon, Bill Sherring, and Barry Smith, for their very effective hard work.

Any late donations will be most welcome and should be given to your representative for inclusion in the Station total.

Station Calendar

FOR WEEK OF APRIL 22, 1979



CALENDAR OF EVENTS

- April 23-27—Library, Jordan Hall—Display of Gertrude Catlin's photography
24—10:00 a.m.—James Law Auditorium, Ithaca—Boyce Thompson Institute for Plant Research Dedication
24—10:30 a.m.—Tour—Hobart general science class
25—10:00 - 11:30 a.m.—Staff Room, Jordan Hall—Plant Pathology Seminar
25—3:00 - 4:30 p.m.—Seminar Room, Entomology-Plant Pathology Laboratory—Discussion Session I
25—4:00 p.m.—Conference Room, Food Research Laboratory—Food Science Seminar
25—7:00 p.m.—Staff Room, Jordan Hall—Finger Lakes Stamp Club
25-26—1:00 p.m.—Boyce Thompson Institute Symposium, Ithaca
26—10:00 - 11:30 a.m.—Seminar Room, Entomology-Plant Pathology Laboratory—Discussion Session II

PLANT PATHOLOGY SEMINAR

Wednesday, April 25—10:00 - 11:30 A.M.
Staff Room, Jordan Hall
(Please Note Change From Usual Location)

TITLE: Some thoughts on disease resistance in plants
SPEAKER: Dr. Richard R. Nelson, Evan Hugh Professor of Plant Pathology, Pennsylvania State University. Dr. Nelson was editor and a major author of the book, "Breeding Plants for Disease Resistance." His research has included the epidemiology of plant diseases, population behavior and genetics of plant pathogens, and genetics of sexuality and pathogenicity in the fungi.

With the current emphasis upon managing diseases; i.e., keeping diseases to economically acceptable levels, the pertinent question in disease resistance breeding programs becomes "given a number of resistance genes, how are they to be best used and what are some of the factors that may influence the decision?" The use of single vertical genes, multilines, horizontal resistance *sensu*

Nelson and gene pyramids *sensu* Nelson will be discussed in reference to geographical differences in environmental parameters and the relative parasitic fitness of plant pathogens. A concept, developed by the speaker, which submits that there are no major and minor genes for disease resistance, but only genes for disease resistance, will be discussed at some length.

DISCUSSION SESSION I

Wednesday, April 25—3:00 - 4:30 P.M.
Seminar Room
Entomology-Plant Pathology Laboratory

TITLE: Integration of host resistance and pesticide application

DISCUSSION

LEADER: Dr. William Fry
Department of Plant Pathology
Ithaca

SEMINAR

Wednesday, April 25—4:00 P.M.
Conference Room, Food Research Laboratory

TOPIC: Energy use for spray-dried coffee

Dr. M. A. Rao
Food Science

DISCUSSION SESSION II

Thursday, April 26—10:00 - 11:30 A.M.
Seminar Room
Entomology-Plant Pathology Laboratory

TITLE: Comparison of breeding for disease resistance in cereal crops with vegetable and fruit crops

DISCUSSION

LEADER: Herb Aldwinckle
Department of Plant Pathology
Geneva

CALENDAR OF EVENTS

- April 30-May 4--Library, Jordan Hall--Display of Gertrude Catlin's
photography
- 30--4:00-9:00 p.m.--Auditorium, Jordan Hall--Ontario County 4-H
Clothing Evaluation Meeting
- May 1--3:00 p.m.--Director's Office--Geneva Department Heads Meeting
- 3--3:00 p.m.--Room A133, Entomology-Plant Pathology
Laboratory--Plant Pathology Seminar
- 3--4:00 p.m.--Syracuse University--Geneva-Ithaca-Syracuse Aca-
demic Social (Entomology)

PLANT PATHOLOGY SEMINAR

Thursday, May 3-3:00 PM
Room A133

Entomology-Plant Pathology Laboratory

TOPIC: Root rot of dry white beans

SPEAKER: Dr. Robert Hall
Dept. of Environmental Biology
University of Guelph
Ontario, Canada

One of the more important problems of white bean in Ontario is considered to be root rot. Root systems that develop in the field are small and often discolored. More than 30 fungal taxa inhabit bean roots, but the most abundant are Fusarium solani, F. oxysporum, and several species of Pythium. Fusarium solani f sp phaseoli, F. oxysporum, and Pythium ultimum are considered to be the major root pathogens. Pathogenicity tests and field experiments with selective chemicals have been used to investigate the major pathogens involved and their effects on seed yield. The evidence suggests that Pythium is more important than Fusarium in the root rot complex in Ontario.

Comments on the Usage of the
OGS Tie Lines

Intercity Telecommunications
System

PERSONAL USE OF INTERCITY TELECOMMUNICATIONS SYSTEM

Please note that the use of the OGS tie lines is strictly for State Business purposes only. It is requested that all users of this system be informed of this restriction. The Office of General Services is endeavoring to provide State employees with the most economical telecommunications services for the conduct of official business. You are again reminded that the use of these tie lines for personal communications is prohibited.

INTERCITY TELECOMMUNICATIONS COSTS

The Office of General Services is billed by the telephone companies for the equipment and services which make up the Intercity Telecommunications System. The amount billed monthly is directly dependent upon the overall usage. All of these costs are distributed among the user agencies.

TELEPHONE COMPANY DIRECTORY ASSISTANCE

There is a ten cent charge by New York Telephone Company for each directory assistance call for locations within New York State. AVOID MAKING SUCH CALLS.

Information calls cannot be completed via the Intercity Telecommunications system. Make note of frequently called numbers in order to avoid the use of Directory Assistance.

OGS OPERATOR ASSISTANCE

If there is a New York State location that you are calling and it is not listed in the red Office of General Services - Intercity Telecommunications System - Telephone Users Guide, dial 7-8062 for information and assistance.