

STATION NEWS

Vol. 60, No. 2

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Geneva, N. Y.

OFF TO ROCHESTER

The frenzy of activity in preparation for the Annual Horticultural Society Meetings has subsided on this, the opening day of the meeting, at Rochester's Edgerton Park. Final touches on speeches and exhibits have been accomplished and the opening gun is scheduled for ten o'clock this morning. The Station vanguard set up most of the Geneva exhibit material yesterday while the final load left early this morning. In addition to the usual display of fresh and frozen new fruits, exhibits will carry the story of research being undertaken by the separate Divisions. The entomologists are using a section of a six-foot apple to show proportionately over-sized model of the apple maggot. The papier mache insect is about 18 inches long and is the exactingly-detailed opus of Mrs. Gambrell. The fruit growers will have an opportunity to compare the size and yields of size-controlled apple trees on various rootstocks in a graphic display arranged by Pomology. Plant Path is showing some of the phases in testing new fungicides and Food Science will compare freezing results on apple slices of several varieties. Not mentioned in last week's writeup was the annual FFA speaking contest for which Prof. Luckett will serve in his traditional capacity as judge. That event will take place on Friday, the last day of the Rochester show. Next week, a good share of the exhibit material will be taken to Kingston for the eastern meeting of the Society. Daily rides from the Station by contacting Prof. Wellington or Mr. Klein.

CANNERS MEETINGS

The Agricultural Committee of the New York State Canners and Freezers Association is meeting in Jordan Hall today with research men from Ithaca and Geneva. The purpose of the meeting is to map plans for the annual Fieldmen's Conference to be held at this Station on February 10 and 11....The same committee met in Rochester yesterday for an appraisal of the pea production situation in New York State. Representing the Experiment Station were Professors Sayre, Hervey, Schroeder, and Barton. The alarming reduction in projected pea acreage for the coming season is of acute concern to growers and processors alike....Tomorrow, the Canners Baby Food Committee will meet here with members of Veg Crops and Food Science in a discussion of problems confronting this industry.

SIGMA XI LECTURE OPEN TO PUBLIC

On Monday evening at eight o'clock, the Geneva Branch of Sigma Xi will sponsor a lecture to which the interested public is invited. The talk, to be given in Jordan Hall at the Station, will be presented by Dr. Donald Griffin, Professor of Zoology at Cornell. "Sensory Physiology and the Orientation of Animals" is the title of this national society lecture. The speaker will describe experimental work which has thrown light on the faculties of animals and birds to find desired directions without the supplement of scientific instruments. Apparently our furred and feathered friends have been utilizing the facilities of radar and celestial navigation long before omniscient man conceived of their use. This promises to be a top-notch talk. Again, it's an open invitation---and the time is 8 P.M. on January 19th in Jordan Hall.

THEY'RE NEW

Consistent with the trend toward more color reproduction in bulletins, the Station is releasing two new publications this week. Bulletin No. 755, "The Red-banded Leaf Roller and its Control", was written by Doctors Glass and Chapman and features a full-page in color, showing the various phases in the insects life-cycle, plus an example of typical apple injury....Simultaneously, Bulletin No. 756 is being sent out. "Rust Diseases of Apples and Their Control in the Hudson Valley" was authored by Dr. Palmiter and its cover page in color shows the apple rust gall on a cedar twig. The additional cost of the color plates was supported by grants in both cases.

TO UNDERGO SURGERY

Our wishes for good fortune and a prompt recovery go to Dr. Carpenter who is submitting to an operation at Clifton Springs, today. The food scientist was taken to the Sanitarium last week after being confined to his home for some time.

TALKS SLATED

Dr. Braun was in Schenectady yesterday to address a meeting of fruit growers in that county....Tonight, Mr. LaBelle will be the speaker at the Food Science Club of Cornell. His talk is entitled "Apple Slices and Research Techniques".

ALUMNI JOTTINGS

Second-hand information tells us that George Axinn, former editorial assistant at the Station, is moving back up north. He's leaving his editorial job at the University of Delaware in favor of a position as Director of Television at Michigan State....Paul Kirchner wants to be remembered to his friends at the Station. He worked in the Pilot Plant a couple of years ago and left on a call from the Army. Since then, he's served his tour, been discharged, gotten married, and settled down at a job with General Electric in Ithaca.

SMALL TALK

Members of the Ceres Circle saw a group portrait of charter members of the Station staff in their museum tour last week. Among the mementoes of olden times was a photo taken of the first Station scientists in the early 1880's. The intriguing tour was followed by refreshments at Mrs. Heinicke's. Program Chairman was Mrs. Shaulis and the Hostess for the evening was Mrs. Tapley....A class in chess-playing is being introduced as part of the adult education program in Geneva. Registration takes place this week and participation is open to the public. For further information, contact Bob LaBelle, the class instructor....Jim Harlan has been chosen to lead the activities of the Kanadasaga Kennel Club for the coming year. He was elected president at last week's meeting....While most of the entomologists are off making talks of some kind or other, their capable stenographer, Janice Rizzo, is fending for herself. She'll join a panel of recent Geneva High School graduates who will speak to the secretarial practice class there this noon. The battle-scarred stenogs will tell the students about the things they've learned on the job—or what they can expect from employers—or something to that effect....Congratulations to Charlotte Pratt who took first prize in the amateur water color section at the art exhibit in the Women's Building on Sunday.

ONE-HORSE COLLEGE

Last month, the Department of Animal Husbandry auctioned off its prized registered Belgian horses. The fifteen members of the has-been clan brought almost \$3000 at the sale. Now, there's just one of the animals left at the campus and he's used strictly in an odd job capacity.

OUR DAILY BREAD ENDANGERED

A letter to the University of California from a bird enthusiast asks "Why does anyone have to study entomology? If colleges would teach little boys not to throw rocks at birds we'd have enough birds to eat all the insects and then wouldn't have to spend money on entomology courses" --Fruit & Vegetable Review. Now all we have to figure out is how to get little boys to go to college.

Cowhand: "Aren't you putting your saddle on backward, sir?"

Dude Rancher: "That's all you know about it, cowboy. You don't even know which way I'm going." --American Agriculturist.

STATION NEWS

DWIGHT CLARK CARPENTER

Dr. Dwight C. Carpenter passed away at the Clifton Springs Sanitarium this morning, following an operation. The food scientist had been a member of the Experiment Station staff for thirty years.

Dwight Carpenter was born in Lansing, Michigan, on June 6, 1890. He earned his B.S. degree at Michigan State College in 1911 and served as an instructor in chemistry at that institution until 1918. In that year he moved to the University of Michigan where he continued teaching while working for his master's and doctor's degrees, which were awarded to him at Ann Arbor in 1920 and 1921.

Dr. Carpenter taught at Iowa State College for a year as an associate professor before coming to Geneva in 1922. He was advanced from research associate to Professor in Chemistry in 1928.

His chief field of research was in protein chemistry. His numerous contributions to the scientific literature concerned such topics as optical rotation and molecular weights of proteins, protein aldehyde plastics, and casein chemistry. Of recent years, he had given attention to studies of the nitrogen compounds of fruits and related nutritional problems.

His travels carried him to Upsala, Sweden, in 1927; and to Vienna, Austria, in 1928; as an International Education Board Fellow. In 1935 and 1936, he was a visiting professor at the California Institute of Technology, and in the fall of 1949 the Station scientist and Mrs. Carpenter spent a six-month sabbatic leave in South America where he lectured at several universities. Among his many contributions are the splitting of protein molecules with ultra-violet light, the studies on casein proteins which were made in collaboration with other workers at Geneva, and his work with Dr. The Svedberg of Sweden, utilizing the ultra-centrifuge for determining the molecular weights of proteins.

Dr. Carpenter served as a consultant to the U. S. Department of Agriculture, the U. S. Navy, and the War Manpower Commission. During World War II, he advised the War Department on the matter of chemical decontamination.

Dr. Carpenter, who resided at 78 Maple Street, is survived by Mrs. Carpenter and a sister in Michigan.

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