

Scientists Close Out Stay at OSU

CORVALLIS (AP) — Scientists from throughout the world began leaving the Oregon State University campus Friday—some were headed home, others planned trips to the Seattle World's Fair.

Friday marked the end of the American Institute of Biological Sciences meeting, one of the largest scientific gatherings ever held in the Northwest.

Some 4,137 scientists from 50 states and 19 foreign countries gave some 2,144 research reports, elected officers, discussed

new ideas and took field trips during the six-day meeting.

In all, 37 societies met with the sponsoring AIBS and the Pacific Division of the American Assn. for the Advancement of Science.

The hearing of moths, the reactions of fish and the problems of producing food were among topics discussed in Thursday sessions.

Asher E. Treat, a New York zoologist, said microscopic parasites attack only one ear of a type of moth, still leaving the

moth with the ability to hear bats and other enemies.

Wolfgang Pfeiffer of the University of British Columbia explained the fright reaction of North American fish. He said most of the fish secrete a substance when attacked that causes other fish to scatter.

G. Ledyard Stebbins, secretary-general of the International Union of Biological Sciences, then said that world biologists are planning a strong effort to solve problems of producing food.

He said research biologists of

at least 32 countries—including the United States and Russia—will take part in the program, to be spread over three to five years beginning around 1965.

It is the aim of the program, he said, to reconstruct biological resources and to develop plant and animal communities on a world-wide scale for maximum usefulness to mankind.

"We want forests that will produce wood," he said, "pastures that will produce livestock, fields that will produce crops—all on a permanent and sustained basis."

Among other reports earlier in the week:

James M. Lyons of the University of California said cold-resistant plants have a less rigid cell membrane than plants such as tomatoes, corn and sweet potatoes—which die in chilly weather.

In two reports with curious twists, Benson Ginsburg of the University of Chicago said the female does the real chasing in the wolf family; and Walter F. Wilkens and John Harmen said they believe it is possible to grow onions that will not make people cry.

Geneticist Offers Diabetes Clue

By WILLIAM C. HARRISON
Of the Associated Press

CORVALLIS—Blood cholesterol may be a hereditary "carrier" clue to diabetes, says a University of Pittsburgh geneticist.

A correlation has been found between the cholesterol level of the blood of fathers and mothers whose children are diabetics, Geneticist Joseph H. Sunder reported to the American Society for Human Genetics Friday.

No similar correlation was found in control groups or random population samples, he said.

After finding that the correlation held for all parents of 47 juvenile diabetics included in a 10-year study at Pittsburgh, Sunder said he believes the parents may be carriers of diabetes. He also suggested a connection between diabetes and the fat-transporting mechanisms in the body.

His studies indicate that about two-thirds of the non-diabetic children of such parents are also carriers; that is, their cholesterol pictures match their parents' level more closely than normal.

Another report as more than 4,000 scientists wound up a week-long series of meetings here told of using one of farming's oldest and costliest enemies—the nematode, a tiny soil worm—for research into basic life elements.

Ellsworth C. Dougherty and Jacqueline Godet explained the role of nematodes reared in a germ-free medium at the University of California in a study of cellular functions.

"What we have emerging now," Dougherty said, "are very fundamental studies of the biology of the organism, studies of nutrition, genetics, and biochemistry and other areas of physiology using the nematode as our research tool."

Since the life cycle of the species he studies runs only three days, egg-to-egg, Dougherty said, a researcher can watch the entire cycle.

Group Elects UO Professor

CORVALLIS—A University of Oregon biology professor has been elected treasurer of the Genetics Society of America.

Edward Novitski, an expert in the genetics of the fruit fly, was chosen Thursday at the organization's meeting here in connection with the American Institute of Biological Sciences conferences.

Novitski will return to the university this fall after a year's leave.

Area Artists Win Awards at Fair

Several Emerald Empire artists have received awards in art competition at the Oregon State Fair, Salem.

Ray Levra of Eugene won second place honors in modern oils, competing with 128 other entries by Oregon painters. Joe Norton of Waldport won a third place in drawings, and a former Eugenean, James E. Shull of Salem, took second.

Shull and Fred J. Butler of Eugene were second place winners in sculpture competition.

Young David Carr of Eugene had an art entry in the first grade division selected for the travel art exhibit, which will be available to Oregon schools this year. David's entry was one of 43 selected from 300 entered in the division.

Wheat Crop Control Given Narrow OK

WASHINGTON (AP) — The nation's wheat farmers have voted to continue controls on their crop, but by the smallest margin in 12 such tests since 1941.

Unofficial returns from the 39 commercial wheat states where balloting in the referendum was conducted Thursday gave 181,242 for and 74,454 against marketing quotas, designed to restrict production and reduce costly surpluses.

69% Margin

This was a favorable margin of 68.4 per cent. Approval by at least 66.7 per cent—two thirds—of the growers voting was required. Last year, quotas were approved by an 87.4 per cent margin. The previous low was 73.3 per cent for the 1955 crop. Returns in 16 states fell below the two-thirds level. These included Kansas, the No. 1 wheat producing state, as well as such other major producers as Washington, Colorado and Montana.

Sharp Opposition

The control program ran into sharp opposition from farm bureau organizations in many states. These organizations want to end controls and make a downward adjustment in price supports.

The program will allot 55 million acres to farmers for planting the 1963 crop. It also would set marketing quotas limiting sales to production on each farm's allotment. Excess sales would be subject to a penalty tax.

This program is the one under which the present big surplus has piled up. The administration had asked Congress to pass legislation authorizing stiffer controls. But no decision was made by the legislators in time to submit such a program to the referendum of growers, many of whom are now beginning to plant wheat for next year's harvest.

Russ Not Asked

FARNBOROUGH, England (AP) — At government request, the Society of British Aircraft Constructors is not inviting Russians to the annual air show here next week. It is explained the government has tried in vain to make such invitations reciprocal. Red China is invited and expected to send delegates along with other Communist countries.



(AP Wirephoto)

Lion Cubs

Two twin male lion cubs were born Wednesday at the Portland Zoo. They are the grandsons of Caesar and Cleopatra. Their mother, Sis, was born three years ago in the Portland Zoo. The cubs are unnamed as yet.

4 Young Men Stage Riot At Salem's Fairview Home

SALEM (AP) — Four young men staged a riot at the Fairview Home for mentally retarded persons Thursday night. Furniture was smashed, windows were broken and six patients were held hostage for about two hours before authorities regained control.

No one was seriously injured and the riot was confined to one ward — the maximum security facility for young men.

Dr. James M. Pomeroy, superintendent of the home, said that Philip Stevenson, 18, Portland, was the ring leader of the disturbance.

Pomeroy said that Stevenson wants to get out of the home and into prison. Pomeroy said that some of the men, including Stevenson, fear that they never will be released from Fairview Home and would prefer to be in

prison where there is a possibility of serving a definite sentence or of winning parole.

Pomeroy said that Stevenson and three others—ranging in age from 16 to 21—started the riot in the dayroom of their quarters at about 8:30 p.m.

They began breaking up furniture and smashing windows. Attendants tried to control them with water hoses.

There were six others in the day room at the time, ranging in age from 15 to 30. Pomeroy said the four held them as hostages.

Brown Plane Downed
FRESNO, Calif. (AP) — A leak which sprayed hydraulic fluid in the cabin forced a plane carrying Gov. Edmund G. Brown and his wife to land at Fresno Thursday. No one was injured.

California Power Group Opposes Bill

WASHINGTON (AP) — Officials of 40 public and private water supply agencies in Southern California have joined in urging defeat of the Pacific Northwest power preference bill.

Rep. Craig Hosmer, R-Calif., Thursday made public a letter of opposition from the Southern California Water Coordinating Conference. It represents about 40 agencies dealing with municipal, irrigation and industrial water supply.

The bill would give the Pacific Northwest first call on all federal power produced in the area.

The legislation has been introduced to allay fears in the Pacific Northwest that construction of extra high-voltage transmission lines to California would result in loss of firm power for Northwest industries.

The letter, signed by conference chairman James H. Krieger, said Southern California was "wary of regional preferences," and that such preferences in the case of water had "threatened sensible . . . development."

"We can probably not correct the old water statutes," Krieger said. "But we can avoid the same mistake in power development."

Hosmer agreed with Krieger's objections to the bill and said the power preference would help the Pacific Northwest "lure" new industry from other areas, including Southern California.

Schools to Continue Readings From Bible

BOSTON (AP) — Owen B. Kieran, Massachusetts Commissioner of Education, has advised local school authorities to continue Bible readings in the public schools.

A memorandum from Kieran said, "It is the feeling of the department that the decision of the U.S. Supreme Court in the New York case held unconstitutional only the voluntary recitation of a prayer which was composed by a public authority."

Cambodians to Fire On Strafing Planes

PHNOM PENH, Cambodia (AP) — The Cambodian War Ministry has given orders to fire on all plans violating Cambodia's air space.

The ministry charged that

since January there have been 191 violations, mostly by planes from neighboring Thailand and South Viet Nam, with whom Cambodia has been embroiled in border disputes.

make a date for SATURDAY

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