

Forestry Research Facilities Displayed

OSU School Conducts Tour Of Programs

By DAN SELLARD
Of the Register-Guard

CORVALLIS (Special)—The School of Forestry at Oregon State University showed off its facilities and programs at a special "press tour" here Friday.

Reporters and industry association representatives dog-trotted from one project to another, with a break for lunch with OSU's new president, James Jensen, and W. F. McCulloch, dean of the School of Forestry.

Previously Independent

Within the past few months, the School of Forestry has taken into its program the Oregon Forest Research Center, which was previously independent of the

OSU to Offer Special Course

OREGON STATE UNIVERSITY — Inventory planning and continuous forest inventory will be the main subjects covered in a special three-day short course to be offered at Oregon State University March 14 to 16.

The short course, Management Control in Modern Forest Practice, will be directed by Prof. R. A. Yoder and will be taught by government and industrial forest experts as well as other OSU forestry professors.

Other forestry short courses, earlier announced, to be given this year by Oregon State University include:

- Variable Plot Cruising, Jan. 24-26.
- Logging Safety Institute, Feb. 1-2.
- Lumber Drying Short Course, Feb. 26-March 3.
- Aerial Photographs and Their Use in Forestry, March 19-23.

school. Armed with new grants, the school is ready to start working with the \$1 million research center which has been erected on the campus by the U.S. Forest Service.

McCulloch told the visitors that this cooperative effort, which takes in the school and other departments of the college, the Bureau of Land Management, the Forest Service and many other cooperating agencies, make his program "one of the nation's largest programs of forest research."

This type of program is needed because of the state's economic dependence on its forest products, he said.

Current investigation in forest management is centered on forest regeneration (second growth) and young growth management. This, researchers say, is becoming more and more important as the virgin old-growth Douglas fir is being cut out.

Variety of Projects

Projects include work on storage of tree seeds; control of brush and "weed trees"; resistance of seedlings to drought, heat and cold; and logging by helicopter.

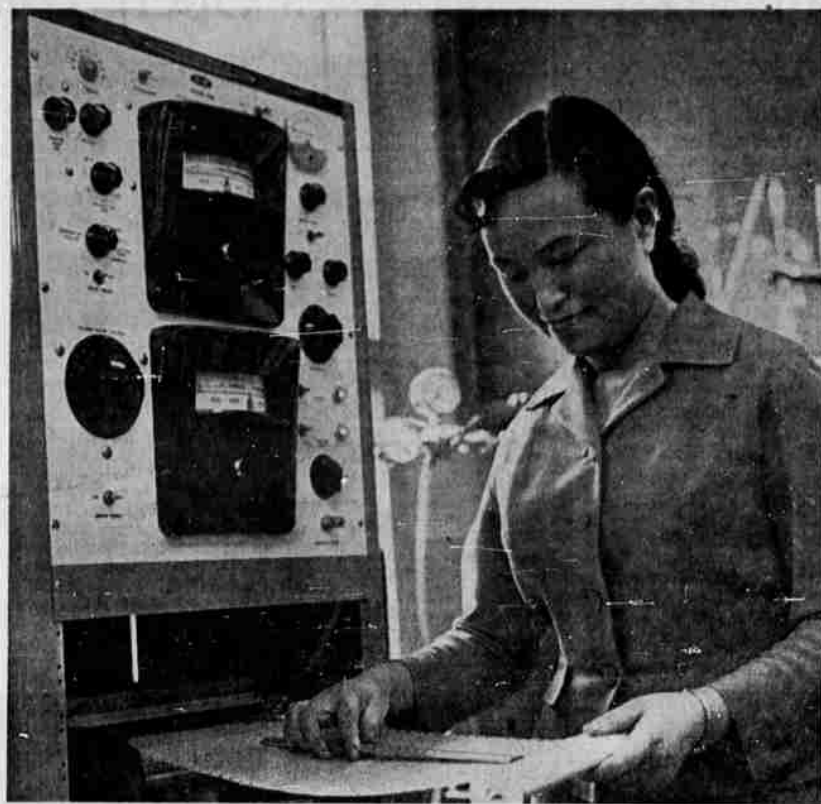
Other projects are studying

Morse Supports Passport Ruling

WASHINGTON (AP)—Sen. Wayne Morse, D-Ore., is happy over new regulations worked out by the Justice and State departments on passports for persons believed to be Communists.

The State Department may withhold a passport from such a person under the new procedure, but the department must be prepared to produce evidence upon which the action is based.

In a letter to Atty. Gen. Robert F. Kennedy, Morse wrote that it is long past time for the executive and legislative branches of the federal government to observe the provisions of the Constitution which too often are left to the courts alone to protect.



Mrs. Kim Ching Studying Douglas Fir Seeds

how to properly manage smaller ownerships; use of parasiticides and insecticides to control the damaging Douglas fir bark beetles; relationship of soil to seedling survival; effects of burning slash on soil and seedling growth; and forest genetics studies to produce better trees through selection and breeding.

Another line of research — forest products—has about 50 projects under way. These include promotion of wood for new and different structural purposes; investigations to find uses for the potentially valuable quarter-ton of bark which is harvested with each thousand board feet of logs; use of waste residues for composition board and pulp; seasoning studies; and continuation of the old "post farm" tests, which were started at OSU thirty years ago.

Goals Unchanged

Although there is considerable integration of programs at the college, the same goals appear as in other years — how to grow better trees and how to make better use of them.

Throughout the campus, laboratories, equipped with modern testing, measuring, and "watching" apparatus, are staffed with hundreds of scientists.

But inside the old framework are new emphases—for instance, entomology, which in forestry terms means the control of damaging insects.

The new U.S.F.S. laboratory, which will be staffed and in business this summer, will be devoted to this study and will be the largest entomology research center in the nation.

Among the bugs to be studied at the center and in the OSU labs are the Bark beetles which infest many acres of Douglas fir, with the pests boring into the bark and laying eggs which turn into larvae which feed on the bark-channels which should be supplying nourishment to the tree.

Budworm Studies

Another pest being studied is the spruce budworm, which chews on needles and other tree parts and is indiscriminate about what tree it attacks.

These studies are more or less confined to finding more about the bug—this knowledge will lead to better control methods.

A parasite, which kills the bark beetle's children, is being watched with the goal in mind that perhaps it can be encouraged in its appetite and numbers.

Scientists are also finding that considerable damage is being inflicted by earthbound grubs. These grubs chew on the roots of Douglas firs, especially in Christmas tree plantations and in newly-planted areas.

Soil preparation is getting its usual amount of attention. Science has found that soil scari-

fication and fertilization helps grow trees faster but there may be bad side effects—the faster a tree grows the more apt it is to have poor fiber.

Lignin Program

Lignin, the "glue" which holds the cells together in a tree, is still being pursued with an active program at the research center. Little is known about lignin and current research is engaged in breaking it down.

When enough is found about lignin, then it might be put to work in a productive pursuit, the researchers believe. A side effect would be the reduction of pollution—much of the waste material which comes from a pulp plant is lignin.

Some eighteen projects deal with the problems of forest regeneration at OSU.

Douglas fir seeds from Arizona are being grown in outside beds, but, so far, are growing just as slowly as they do in their native environment. But, since the Arizona tree grows

with less water than the Oregon tree, it might be that it can be crossed with an Oregon tree and planted on the dry south slopes to grow faster with less water.

'Beating the Heat'

Reasons for the high mortality rate in seeded and planted areas are also being pursued. One project is finding out how to "beat the heat" which often kills small trees in the summer time.

In the products research line, considerable attention is being given to particle-board production. This type of product, it is hoped, will make a high use of some materials which are being wasted at the millsites in the state.

School Board To Hear Plan

The possibility of establishing an "instructional materials" center for Lane County will be discussed Monday at a meeting of the Eugene School Board.

The meeting will begin at 8 p.m. in the School Administration Building, 275 E. Seventh Ave., Eugene.

Under the suggested plan, the center would carry film, tape and various other educational aids, which could be used by all school districts in the county. Supt. Millard Z. Pond will give a complete report on the project Monday. The center would be operated from the Lane County School superintendent's office.

In other business Monday, the board will:

- Discuss budget planning for the 1962-63 academic year.
- Consider a proposed policy to govern maintenance of physical facilities and use of students funds to buy school equipment.

Author-Historian to Speak At University This Week

Irving Howe—well-known author, critic and historian—will be at the University of Oregon this week as the Honors College colloquium speaker.

Howe will give two public addresses as well as holding a colloquium with the students of the Honors College.

On Wednesday, he will give an evening address in the ballroom of the Erb Memorial Union at 8 p.m. He will talk on "Problems of Mass Culture." Thursday afternoon he will speak in 138 Commonwealth Hall at 4 p.m. on "Mass Culture and Working Class Life." Both addresses are open to the public.

For his colloquium meeting Thursday night, Howe will use "Mass Society and Culture" as the discussion topic.

Howe has been a member of the Brandeis University faculty since 1953. He is now a professor of English there.

His publications include: "The U.A.W. and Walter Reuther" (co-author); "Sherwood Anderson, A Critical Biography," in

the American Men of Letters series; "William Faulkner: A Critical Study;" "Politics and the Novel;" "A Treasury of Yiddish Stories" (co-editor); "The American Communist Party 1919-1957: A Critical History" (co-author). He was co-editor of "Modern Literary Criticism" and author of the introduction and also author of the introduction to the Modern Library Edition of Henry James' "Bostonians."

Howe is currently an editor of Dissent and a contributing editor of The New Republic.



Register-Guard Want Ads
Bring Fast Results

Koch Refrigeration
3800 Coburg Road DI 4-6422

creating a new climate for better living with . . .

WRIGHT-TEMP
All Electric HEAT PUMP

GENE KOCH

SHERMANS MARKET

24 HOUR

Hi-Way 99 North at 4 Corners
WE RESERVE THE RIGHT TO LIMIT SUNSHINE

KRISPY 1 LB.
Crackers 25¢

FREE! DOLLS OF ALL NATIONS
See Our Display! Offer Expires Jan. 31st Just Save Your Grocery Receipts . . .

ARIZONA
GRAPEFRUIT
5 Lb. Bag **29¢**

"NEBERGALLS"
POOR BOY SLICED
BACON 3 LBS \$1.00

Spokane Man Negroes File Court Suit

CHICAGO (AP)—The parents of 12 Negro children involved in a school transfer that touched off a sit-in demonstration on Chicago's South Side have filed suit in U.S. District Court against the city's school officials.

A suit filed Friday seeks \$500,000 in punitive damages from the Chicago Board of Education and School Supt. Benjamin C. Willis. It also seeks an injunction to force them to revise pupil transfer policies.

The plaintiffs contend their children were among 34 seventh graders transferred from Burnside to Gillespie, both elementary schools with sizeable Negro enrollments. The changes were effective Jan. 2.

Some of the children, the Negro parents contend, should have been shifted to Perry, an all-white school in the area.

KIDS SICK ?

After You See Your Doctor, Bring Your Prescription To Us.

Complete line of Sick-room supplies

HIRONS DRUG STORE
185 East 18th Ave.

FLASH!
FROM DAYTONA BEACH

RAMBLERS GET MOST MILES-PER-GALLON IN PURE OIL ECONOMY TEST

--First Of Three Events In 1962 Pure Oil Performance And Economy Trials!

In CLASS 6, Rambler American scores over Falcon, Chevy II, Tempest 4, Buick Special V-6, Valiant, Comet in economy!

In CLASS 3, Rambler Ambassador 270-hp V-8 scores over V-8 Chevrolets, Dodge Darts and Plymouths in economy!

By delivering the greatest gas economy of any car in any class, three 125-hp Rambler American "400s" with overdrive scored first, second and third; led Class 6 (131 to 200 cu. in.) in points for "most miles per gallon" in the Economy Test of the 1962 Pure Oil Performance Trials.

28.74 Miles Per Gallon

The Rambler American took top economy honors for the third straight year, averaging more than 40 miles per hour while circling the grueling 3.7-mile stop-and-go sports-car course at Daytona International Speedway.

20.21 Miles Per Gallon

Two high-powered Rambler Ambassadors with overdrive scored first and second to amass the greatest number of points for "most miles per gallon" in Economy Test of Class 3 (301 to 361 cu. in.) in the 1962 Pure Oil Performance Trials. With its 20.21 miles per gallon, the action-packed Rambler Ambassador delivered the greatest gas economy of any V-8 in any class.

The Rambler Ambassador V-8 "400"—one of America's true high-performance automobiles—has once again proved its top economy!

Point to remember: Rambler's proved gasoline economy goes hand-in-hand with lowest prices, lowest upkeep, and top resale value—full all-around economy from America's most trouble-free cars!

TRY TOP ECONOMY, TOP PERFORMANCE

GRANT MOTORS, INC.
Eugene, Oregon
7th & Grant Sts. DI 2-1201

ABEENE-CUTTS MOTOR CO.
10th & Gibbs
Cottage Grove, Oregon

Hear Complete News Coverage of the First U.S. Man in Orbit On CBS and NBC Radio Networks Courtesy of Your Rambler Dealer

WANTED! MEN - WOMEN

Prepare now for U.S. Civil Service job openings in this area during the next 12 months. Government positions pay as high as \$446.00 a month to start. They provide much greater security than private employment and excellent opportunity for advancement. Many positions require little or no specialized education or experience. But to get one of these jobs, you must pass a test. The competition is keen and in some cases only one out of five pass.

Lincoln Service helps thousands prepare for these tests every year. It is one of the largest and oldest schools of its kind and is not connected with the Government.

For FREE information on Government jobs, including list of positions and salaries, fill out coupons and mail at once — TODAY. You will also get full details on how you can qualify yourself to pass these tests. Don't delay — Act NOW!

LINCOLN SERVICE, Dept. 5
Proviso, Illinois

I am very much interested. Please send me absolutely FREE (1) A list of U.S. Government positions and salaries, (2) Information on how to qualify for a U.S. Government Job.

Name _____ Age _____
Address _____
City _____ State _____

☐ Yes Exact Directions to Your Home