

### U. of O. Starts Aviation Study Course



Top—The five-ship hangar where university students will get instruction in actual flying. Below—The aviation committee which formulated the new course. Left to right are George Godfrey, publicity director; Warren D. Smith, geology department head; Leonard Delano, head of the student aeronautics club; C. H. Hicks, mathematics professor and aviation advisor; David Faville, head of the school of business administration, under which the courses are given.

With the attention of higher education turned toward aviation, the University of Oregon, with the cooperation of Hobi Airways, Inc., Eugene, has just established a course of study in aeronautics.

By utilizing existing courses, the University is able to offer instruction which will prepare students for executive positions in aviation, such as managers of factories, traffic managers, and so on.

Three distinct types of training are now available for students interested in aeronautics. The first consists principally of the regular flying course, given at the Hobi School, since the university has no equipment for actual flying instruction. In connection with this work, evening courses in academic subjects will be offered at the university.

The second type consists of a two-year course, at the end of which the student may obtain a junior certificate from the university, and the third is the regular four-year university course, plus actual flying instruction in the last year, for which the student receives a bachelor's degree.

Leaders in aviation on the coast have offered to cooperate in every way, and while changes may be made in the curricula from time to time as conditions warrant, it is believed that the university has a firm basis for continued work in this direction.

Establishment of the courses was made possible largely through the encouragement given by President Hall, who not only believes firmly that the field of aviation is just opening up, but is an enthusiast over flying as well.

### "Straw Ink" Plus Cornstalk Paper Is Now A New Farm Relief

Ink made from straw was used successfully in newspaper publication for the first time in history Friday when the Merrill, Wis., Daily Herald was printed on Lincoln county, Wis., paper with ink made from Lincoln county straw, says an article in a recent issue of the Durand, Ill., Gazette.

The Herald henceforth will be printed with ink produced from straw by the Harrison Paint and Chemical Co., a Merrill concern.

Announcement of this latest product, the result of experiments with straw by George H. Harrison, head of the company, follows perfection of process of abstracting paints, germicides, liquid sweeping compound, auto top dressing, auto body enamel, non-inflammable dry cleaning fluid, liquid asbestos roof coating, liquid waterproofing, and plastic cement from straw.

Of the 2,000 pounds in every ton of straw, 1,000 are now turned to useful purposes as a result of research. This fact is hailed as "better farm relief than the McNary-Haugen bill" by the Merrill Herald.

A Lincoln county farmer recently received \$162 for straw from a field of oats which yielded him only \$82 for the grain.

Since straw is the product of the chemicals in the earth united with chemicals in the air through the plant's physiology, much of it consists of carbon, the main part of coal.

By distilling either product in furnaces that are air tight the straw or coal is broken up into its constituents, the lighter substances passing off first. By the same process gasoline of high and low test and various grades of lubricating oil are distilled from natural crude oil.

Since black ink gets its color from carbon, the problem is one of getting the carbon out of the straw and mixing it with other substances in such

fashion that a quick-drying stable and smooth ink results.

About 640 pounds of carbon are obtained from a ton of straw. Other products are from fifteen to twenty gallons of crude "straw oil," and 400 pounds of pitch. The "straw oil" is very nearly identical with phenol extracted from coal-tar products. Some tar is also extracted.

Mr. Harrison, engineer and chemist, discovered the straw ink process quite by accident. An explosion occurred in the straw-burning stove of a Canadian settler about 20 years ago. Mr. Harrison, spending the night in the shack, was determined to ascertain what had caused the explosion.

Two years of experimenting revealed to him that the valuable constituents of straw were not the gas obtained but the other elements, mentioned above. The gas, however, has been condensed and under experimental conditions ran an automobile.

### Secondary Roads Important

Good roads pay dividends. They are a sign of progress and aid to prosperity. Industry is attracted to localities which can offer a high class, extensive road system. Agriculture is encouraged and farm values increase. Their importance in connecting distant communities, cannot be estimated. Road building is a leading item in the tax budget. Coupled with education, it is probable that highways are today the most important aid to social progress.

We have, in the United States, a state highway system that is unequalled. From now on the most important job is to pave tens of thousands of miles of secondary or market roads. Oil and asphaltic materials which can be applied economically will do away with mud and dust. This is essential to open up back country, relieve congestion on main highways and encourage the building up of small towns instead of draining all the business away from them to larger centers located on improved roads.

### Drama Important at University of Oregon



Students at the University of Oregon take part in many dramatic productions during the school year, under the able direction of Mrs. Outille Seybolt. They learn not only how to act, but how to stage and produce plays as well. Here are five students who took prominent parts in "Snow-white and the Seven Dwarfs," and adaptation from Grimm's Fairy tales, which was recently

### Oregon State News

The Nehalem golf course at Vernonia is expected to be finished and ready for play about June 15.

A portion of Paradise farm, the pioneer home of W. L. Adams at Hood River, is being converted into a super-automobile park.

Completion of the \$3,000,000 development of the Edward Hines Western Pine company at Burns is set for early in December of this year. The present force of 1000 men will be increased to 500 by July 1.

Keen demand at high prices for week-old calves is aiding Tillamook county dairymen in meeting heavy feed bills. Hefler calves are bringing from \$5 to \$15 each, depending upon the record of the dam.

News from the war department at Washington indicates that Battery E, at Cottage Grove, received the classification of "Excellent" for the year 1928, the highest rating that can be attained by a battery.

Fred P. Cronmiller Jr. has been appointed supervisor of the Modoc national forest, succeeding George W. Lyons, who died recently as the result of serious burns incurred when a gasoline lamp exploded.

An effort is being made to obtain a permanent record of the names of people buried in the Oakville cemetery, between Corvallis and Albany and one of the oldest burial grounds in the Willamette valley.

The American Legion post of Astoria, Wauna and Seaside is planning a giant clam bake for all ex-service men to be held in Seaside June 8 and 9. The committee expects 1000 persons to attend the affair.

Work of the new Pacific Telephone & Telegraph building at Salem will get under way soon, according to announcement made recently. L. H. Hoffman of Portland is the contractor. The structure will cost \$184,000.

A 25,000-foot daily capacity sawmill at Culp creek has been purchased by Scott & Jeans of Portland, and will be put into continuous operation at once, an adequate supply of timber having already been arranged for.

The Clatsop county commissioners at a meeting recently decided to initiate steps toward asking the federal government to return to Clatsop county the \$100,000 paid by the county for the Tongue Point naval base site.

A. L. Brooks, a Lafayette nurseryman and prune grower, is of the opinion that there will be about three-fourths of a prune crop in Yamhill county. Peaches will be about half a crop and the pear crop will be small.

The annual memorial services at the historic pioneer Providence church near Crabtree will be held Sunday, July 21, with an all-day meeting conducted by the Rev. Henry Albers, pastor of the church for many years.

Beautification of Lane county highways is to be undertaken by a committee from the Eugene Garden club, of which Mrs. Jessie M. Honeyman is chairman. The program includes the cleaning up of adjacent districts, erecting billboards and encouraging beautiful plantings.

John Dinkens of Beagle is in Medford seeking reparations from the state game commission for damage to his crops caused by "hordes" of deer eating them up. Mr. Dinkens, who is southern Oregon's leading authority on wild beasts and birds, declares: "They about have me devoured and something has got to be done about it."

From present indications the Hood river valley will have no more than 50 per cent of the tonnage of Bartlett pears harvested last year, when the Apple Growers' association marketed 1200 tons of this fruit. The bloom of Bartlett is lighter than usual this season. Growers are now reporting that the d'Anjou pear crop will be considerably lighter than anticipated and spotted.

Berry growers of the Yankton section have joined the Washington Cooperative Growers' association of Sumner, Wash., and will ship berries to the cannery there. The soft variety of berry will be barreled at a station in Yankton and the canning berries shipped daily by truck. It will also join the association. Hereafter the berries have been shipped to Portland and Rainier canneries.

Emil Anderson of Nehalem City has received the contract for the new Astoria-Tillamook "star" mill route, according to advice received at the Astoria postoffice. Anderson's bid was \$143,24 a year. The new route will serve Warrenton, Gearhart, Seaside, Nehalem, Wheeler, Rockaway, Bay City, Garibaldi and Tillamook. Mail will leave Astoria at 7:30 A. M. daily and the return trip from Tillamook will start at 1:15 P. M.

The work of lining with concrete the tunnel near Harper for the Vale irrigation project will begin June 10 and be completed early in November. The tunnel is 110 feet long and 10 feet 6 inches in diameter. It will cost approximately \$300,000.

The Rogue river valley's fruit crop will be 1000 cars less this season than that of the 1928 season, Court Hall, fruit grower, predicted recently, after he had completed a visit to the orchards in the valley. He says the estimate is conservative.

Arrangements have been made for the installation of the Jackson county agricultural exhibit in the headquarters of the Oregon State Chamber of Commerce recently opened at Los Angeles.

A district meeting of federal farm loan associations will be held in Eugene June 14 according to announcement by W. A. Ayres, secretary of the First National Farm Loan association of Lane county.

Diamond lake was opened for the season recently.

Immediate relief from traffic congestion in the streets of Tillamook is getting to be a serious problem.

A general movement of sheep in Umatilla county from winter ranges to the higher summer ranges is now under way.

Plans are being made at Hood River to celebrate on the Fourth of July the completion of the city's new \$250,000 water system.

For the first time in the past 10 years, Tillamook county has no warrant indebtedness, according to the county treasurer.

Snow is melting rapidly at Crater Lake. It is now about 3 1/2 feet deep, and automobiles can be driven within 13 miles of the lake.

The largest class in the history of Pacific university was graduated June 3. There were 41 graduates, as compared with 24 last year.

A private game farm is to be established on the old Barneburg place, three miles east of Medford, especially for the raising of waterfowl.

Municipal improvements in Klamath Falls this year — not including general maintenance work—will reach \$780,000, according to the city engineer.

William Allen, Salem canneryman, predicts that the Oregon prune crop will reach 30,000 tons this year, in contrast with almost a total failure in 1928.

The sowing of 3000-acres of beans in the Athena district has been completed. An equal number of acres is being planted in the Weston neighborhood.

Albert Greshong recently killed a black bear near Willhoit, in Clackamas county. It weighed 300 pounds, and for some time had been killing sheep and goats.

Pea growers of the Brownmead district, Clatsop county, have approved a plan to market this year's crop through a pool. The crop is estimated at 70 tons.

Wasco county Pomona grange has adopted a resolution to the effect that county budget committees should be appointed by the circuit court instead of the county court.

The Deschutes county court has decided not to cooperate with the city of Bend in the construction of a sheep bridge across the river, on account of lack of legal authority.

With the new addition to the Farmers' grain elevator, Athena can now boast of the largest elevator in the state outside of Portland. It now has a capacity of 250,000 bushels.

The University of Oregon library ordered during 1928 magazines to the number of 2173. Of these, 1009 were paid for, the others being obtained through gifts and exchanges.

The Mosier Valley bank, organized in 1909, has ceased business, its deposits having been taken over by the First National bank of Hood River. The bank was solvent and well managed.

Reports of tourist agencies, railroads and hotel reservations indicate that the coming season at Crater Lake, which will open July 1, will be the greatest in the history of the park.

More than 1000 purebred rams have been shipped to California, this season from the Link & Wilson ranch, west of Sheridan. They will supply sheep growers of California, New Mexico and Arizona.

Forty seniors of the McLoughlin union high school at Milton received diplomas at graduation exercises recently. C. A. Howard, state superintendent, delivered the commencement address.

Henry Lake of Thornton Corners is winner this year in the contest for first home-grown strawberries of the season at Cottage Grove. The berries were of the Etterburg variety and were grown without any unusual attention or protection.

"Roarin' Days in the Nehalem" will be the official slogan for the big stampede to be held in Vernonia July 3 and 4. G. W. Ford, general chairman of the stampede, announces that more bleachers will be built to the ball park to accommodate a large crowd.

When you begin talking to a woman, who is letting her hair grow long again, she cuts it short.

Getting rid of old razor blades isn't any harder than getting rid of the old joke about getting rid of razor blades.

Fairy Story: "Once upon a time there was a young poet who had occasion to use the @ sign on his typewriter."

Air mail traveling three and a half miles a minute is altogether too fast, especially along the first of the month.

There will probably always be jokes about hash, it is such an easy topic for a lazy and unoriginal jokesmith to rehearse.

At Tampa the prewar 5-cent loaf of bread has reappeared. Now if Tampa will only give us a prewar 5-cent cigar!

According to official reports, gunmen are killing one another so rapidly that it may not be necessary for the police to interfere.

A grandson of one of the early settlers who chopped up 15 to 20 cords of wood in a winter has just purchased a patent exerciser.

The reason that great men are sometimes lonely is that they sacrificed too many friends in climbing the ladder of success.

### Scholastic Leaders



Naomi Hohman and Jack Hempstead, both of Portland, who headed the scholastic averages at the University of Oregon for fall term.

### Now Indispensable

Twenty-eight years before George Washington was born, the first American newspaper was established. In the early days, during the 200-odd years that have intervened, the newspaper has become a matter of course in the American home.

In this day and age one can scarcely conceive a world without newspapers. They are a very part of the fabric of daily life, universally in demand—a running record of world events, human achievements, pathos, tragedy, scientific progress—every conceivable activity.

### What's the Use?

He went to California, the weather was terrible. They said it was un-usual.

He went to Florida, the weather was terrible. They said it was un-usual.

He went to Michigan, the weather was terrible. They said it was un-usual.

He came back home, the weather was terrible. But nobody lied about it.

### Uncle Sam's Private Fox Farm Yields 586 Pelts

Dutch Harbor, Alaska.—Uncle Sam has a fox ranch all his own. A total of 582 blue fox skins and 34 white ones were taken from animals trapped on the Pribilof islands during the season of 1928-29, as compared with 964 the previous period.

These island foxes live on the carcasses of fur seals killed for their pelts during late summer. The early winter frosts preserve the meat until the following June. Then for three months foxes subsist on sea food combed from the beaches.

### Florence Is Man but Navy Thinks Him Girl

Lynn, Mass.—Florence Wright, seventeen, about as perfect a physical specimen as the navy recruiting station here ever saw despite his name, was turned down for enlistment in the United States navy because a Maine town clerk has recorded him a girl.

Wright recently moved here from North Vassalboro, Maine his birthplace, and after passing all requirements was told he must present his birth certificate. The birth certificate arrived and stated that Florence Wright, female, had been born there March 6, 1912.

Florence hates his name now and was about ready to clean up the recruiting station until he was told he probably would be allowed to enlist if he can clear up his birth record.

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### BIGGS SERVICE STATION

H. H. Willard, Proprietor

Lunch Goods

Ice cold drinks are guaranteed our patrons because of always having on hand from 2 to 3 tons of ice.

The Patronage of my Sherman County Neighbors Will be Appreciated

Shell Co. Gas and Oils

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### Independent Warehouse & Milling Co.

R. H. McKean, Manager, Wasco, Oregon

DEALERS IN

Lime, Plaster, Cement, Cedar Posts, Builders Supplies, Lumber, Wood, Coal and Hay

MANUFACTURERS OF

MILL FEED AND FLOUR

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### NOTICE FOR PUBLICATION ISOLATED TRACT 026839

Public Land Sale, Department of the Interior, U. S. Land Office at The Dalles, Oregon, April 28, 1929.

Notice is hereby given that, as directed by the Commissioner of the General Land Office, under provisions of Sec. 2455, R. S., pursuant to the application of Siegfried Tomson, Serial No. 026839, we will offer at public sale, to the highest bidder, but at not less than \$2.50 per acre, at 10:10 o'clock a. m., on the 26th day of June, next, at this office, the following tract of land: S 1/4 SW 1/4, SW 1/4 SE 1/4, Sec. 12, T. 1 S., R. 18 E., W. M.

This tract is ordered into the market on a showing that the greater portion thereof is mountainous or too rough for cultivation.

The sale will not be kept open, but will be declared closed when those present at the hour named have ceased bidding. The person making the highest bid will be required to immediately pay the amount thereof.

Any persons claiming adversely the above-described land are advised to file their claims, or objections, on or before the time designated for sale.

J. W. Donnelly, Register.

Reading of advertising is worth while.

### DR. C. L. POLEY

Physician and Surgeon

Grass Valley, Oregon

People can reach me from Moro at night from the long distance booth at Hotel Moro by ringing The Dalles.

### Dr. W. N. Morse

Physician and Surgeon

THE DALLES, OREGON

Office at Mid-Columbia Hospital

Phone No. Hospital 841

### Dr. F. C. Brosius

Phone 772

WASCO, OREGON

Physician and Surgeon

Office and Residence in the Burres building, directly opposite the O'Meara Implement Co.

### Dr. J. R. Morgan

DENTIST

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### W. C. BRYANT

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OPTICS EXCLUSIVELY

Newhouse Optical Co.

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THE DALLES, OREGON

### NEW PERKINS HOTEL

Washington at Fifth Street, PORTLAND, OREGON

Our usual pre-war transient rates still prevail.

Special Rates to permanent Guests

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### When in The Dalles HAVE YOUR Lunch or Dinner 35c (Full Course) at the WHITE RESTAURANT

408 E. 2nd St. The Dalles, Oregon

We also serve, at usual prices, Lunch and Dinner combinations that are said by our patrons to equal Home Cooking.

### Shoe Repairing

Done promptly and in a workmanlike manner by

J. A. MEE

Shop opposite Jewelry Store. Wasco, Oregon.

POSTAGE PAID BOTH WAYS

Walter A. May & Son, agent at Moro.

### Moro Plumbing Shop

C. A. BINDER, Prop.

Phone 632 Moro, Ore. Phone 632 Complete Line of Plumbing Supplies

Tin and Sheet Metal Work Agent for Royal Hot Air Furnace Dealer in Pumps and Windmills Better facilities, lower cost of parts and experienced workers give you the best service. Call us at once.

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The Dalles' Newest and Best Hostelry

Centrally Located Sherman County Headquarters EDW. BALL, MANAGER THE DALLES, OREGON

### Model Laundry

THE DALLES

Calls for and Delivers in Moro Wasco and Grass Valley

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### CALLAWAY'S FUNERAL CHAPEL

Funeral Directors and Embalmers

Union and Third St. The Dalles, Ore.

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