

Science Writer to Be on OU Campus

Eugene — One of the foremost authorities in the field of science writing will be the first in a series of visiting lecturers to appear at the University of Oregon's school of journalism as part of its golden anniversary observance.

Hillier Kriehbaum, chairman of the department of journalism at New York university, and a former member of the UO school of journalism faculty, will be on the university campus Dec. 4-6.

During the first two days of his visit, Kriehbaum will be addressing classes, and sitting in on seminars.

On Dec. 6, an assembly is planned in which Kriehbaum will elaborate on science writing. His talk will be held in the Erb Memorial Student Union and is open to all interested persons.

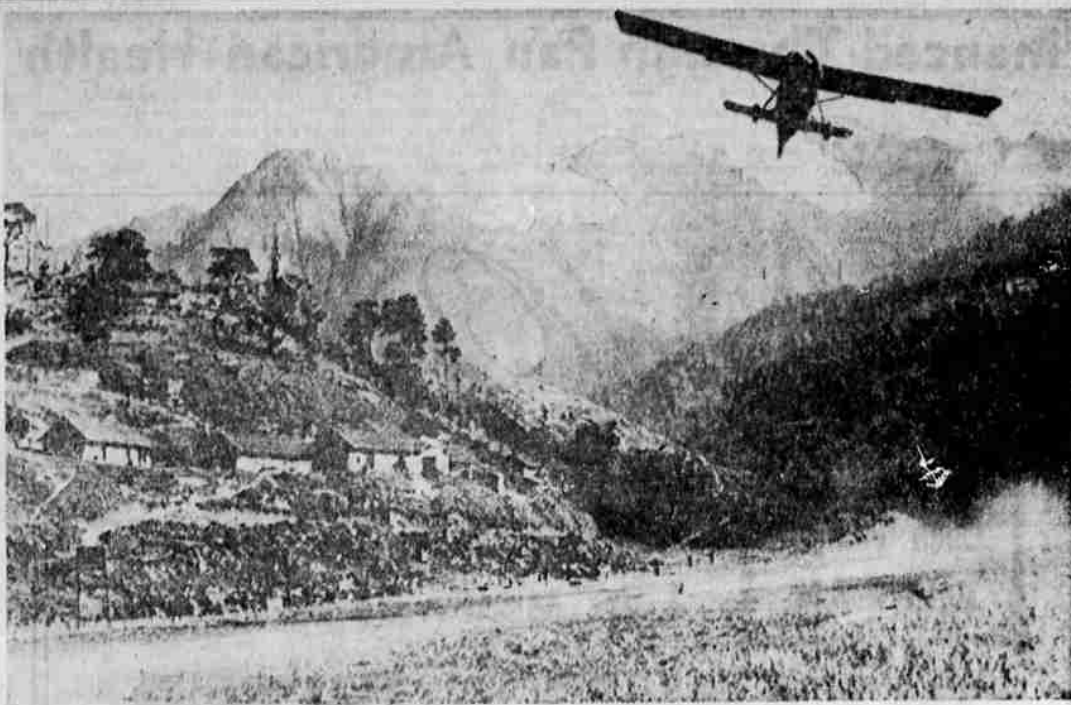
Kriehbaum has recently returned from Chile where he attended the first International Science Writing conference. During his stay in South America, he conducted seminars in science writing at Latin American universities.

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TOYS on WHEELS

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MAJOR PROBLEM — This photo released by the Indian government shows one of the major problems facing Indian troops in the border war with Communist China. It is one of communication and supply, an almost impos-

sible task due to inaccessible and mountainous terrain. As a result only light planes like the one shown taking off from an improvised landing strip are used in place of larger aircraft. (UPI)

Marine Fuel Taxes May Finance Boat Facilities in State

Measures that would use unrefunded marine fuel taxes to finance the expansion of recreational boating facilities, including launching ramps, moorages and channel developments, will be submitted to the 1963 legislature by the state marine board.

Drafts of two bills were made public Wednesday in Medford by Marine Board Director Robert F. Rittenhouse, Salem, at the close of a meeting attended by some 25 local boating enthusiasts.

Would Make Loans

The proposals have already received the endorsement of a number of organizations including the Association of Oregon Counties, Rittenhouse said.

Both measures would au-

thorize the Marine board to make loans or grants to state agencies, counties and public corporations to aid in construction and development of boating facilities.

One bill calls for all the marine fuel taxes, except those refunded to the few boaters who request them, to be used for this purpose. The other, an alternate, would provide the Marine board with \$25,000 monthly from the taxes collected and credited to a boat-facility-building account.

The Marine board said a previous survey pointed out that launching ramps, moorages and other boating facilities throughout the state already are inadequate — and

the problem will be compounded by anticipated increases in population and boat use.

About \$369,000 in taxes were paid on gasoline used in pleasure boats during 1960 and, presumably, \$300,000 of this would be available for public boating facilities if the proposed legislation is approved.

Red China To Retain Control of Ladakh

New Delhi — (UPI) — The Communist Chinese will not give up control of any part of Ladakh on India's northwest frontier when they begin their scheduled withdrawal Dec. 1, the Foreign Minister said Thursday.

Children Perish In Portland Fire

Portland — (UPI) — Two small children died Thursday afternoon when fire swept through their home in Portland's northern residential district.

The victims were Vada Elvora Hansen, 3, and her sister, Norma Sue, 20 months. Their bodies were found near a window in their bedroom.

Four-year-old Leonard Hansen escaped and ran screaming in search of his mother, Mrs. Julia Hansen, who told investigators she had gone to see a neighbor briefly.

Firemen said the flames apparently spread throughout the home within five minutes after the alarm was received. The fire was blamed tentatively on children playing with matches.

Virus Infection Problem Solved by Heating Tree

Corvallis — Putting a fruit tree in an "oven" and "baking" it at an even temperature for several days is one way of solving the problem of virus infections which rob trees of vitality and cut down yields.

This is one way of explaining the heat treatment for virus elimination described by Dr. J. A. Milbrath, Oregon State university plant pathologist, to apple and pear growers Wednesday at the Oregon State Horticultural Society's annual meeting on the OSU campus.

Virus infections, which slow down tree growth and which may cut fruit yields by as much as 20 per cent, have long been a problem not only to the fruit industry, but also to nurseries producing ornamental shrubs. Virus free stock is nearly impossible to find in some varieties.

Carry Latent Infection

Clones, or cuttings, often carry latent infections in them which do not appear until a susceptible plant is inoculated. When this happens, normal appearing trees slow down in growth and reduce yields under the onslaught of the parasitic virus attack.

Heat treatment "is a major breakthrough in virus studies which allow us to obtain virus free clones from varieties which have become uniformly infected with virus," he declared.

Heat treatment allows the scientist or propagator to take an infested clone and "clean it up" by making the virus inactive, thus producing a healthier tree that will make more money for the orchardist. It also provides a measure of protection for trees not already infected.

Years of Research
Development of the heat remedy comes after years of research by plant pathologist which started in 1936 when it was found that virus could be made inactive by exposure of plants to high temperatures, which also killed plant tissues. In 1941, the first plant so treated survived after 14 days of treatment.

This was a major breakthrough and refined methods, mostly perfected on strawberry plants, have now led to the current treatment. Much of the recent work has been done under a Western Regional project agreement, headquartered in California, with OSU cooperating.

The heat procedure is to expose living plants to continuous temperature of 99 degrees, plus or minus one degree, for 14 or more days. The dormant buds or actively growing terminal shoots are then propagated on clean rootstocks.

Buds that survive and grow are then passed through an index procedure to detect any living virus. Virus free plants are then maintained to become the basis for further propagation. All this takes four to five years.

The heat treatment at OSU is given in specially built cabinets which provide light, humidity and carefully control-

ed temperature within a degree of that desired. The cabinets are simple, but effective, while those used at other institutions may cost several thousand dollars.

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PLEADS GUILTY

Portland — (UPI) — Lloyd Wesley Allen, 26, Portland, has entered a guilty plea to a second degree murder charge in connection with the fatal shooting of Willard D. (Turk) Glover last March 24.