



STASSEN CONCEDES—Harold Stassen concedes his defeat to Arthur T. McGonigle in the primary race for governor on the Republican ticket. Sad looking, biting tongue, Stassen was joined at his press conference in Philadelphia by his running mate for lieutenant governor Frank C. Hilton (right).

Tree Diseases Cause Big Loss in Timber

Corvallis — Tree diseases cause a heavy loss to Oregon's timber resources each year, according to Charles R. Ross, extension farm forestry specialist at Oregon State college.

A recent study by the USDA forest service shows tree diseases are one of the major destructive agents reducing forest productivity. Ross reported. More than one-third of the yearly loss from reduced growth and death of sawtimber and younger trees is caused by tree diseases, the study stated. Insects and fires are other major causes of heavy loss.

In Oregon, heart rot in mature trees is causing loss of more than 500 million board-feet each year, Ross found. Douglas fir root rot is another major disease in the state's forests, he said, causing an estimated loss of more than 200 million board-feet annually. Dwarf mistletoe and

needle blight are two other diseases causing serious losses each year.

This represents a loss of about one-tenth of Oregon's annual production of timber, Ross noted. The state harvests around 9 billion board-feet annually.

Best way to prevent these losses to disease, and protect forest lands against insect's as well, is to keep only healthy, vigorously-growing trees, Ross said. This means forest managers should have a program that will remove weak or diseased trees by thinning, and will harvest mature trees that peak.

Ross also reported that the latest forest inventory estimated Oregon is growing about 4 billion board-feet of timber each year. It is expected this production will more than double as modern forest management efforts show results, he indicated. The gradual replacement of old growth timber stands with younger, well-managed forests is part of this program.

Farmers and other forestland owners can get help in planning improved management programs for their local county extension agent, farm forester, or soil conservation service office, Ross added.

'Cascade Day' Set For HS Students

Portland — "Cascade Day," the annual visitation day for high school seniors, will be held at Cascade college in Portland, May 30.

The activities will begin at 9 a.m. with registration in the administration building, and will include a dinner, a tour of the campus, class visitation, an address by President Edison Habegger, and a program featuring the departments of the college, concluding with softball in the park, as visiting seniors participate with Cascadians.

The purpose of this day is to acquaint high school seniors with Cascade college. A special invitation is given to those interested in an interdenominational Christian college. Cascade, a fully accredited liberal arts college, is located at 705 North Killingsworth st., Portland.

Highlights Listed For Demo Women's Meet

Salem — Several workshop sessions and a tea at the governor's residence will highlight a statewide Democratic women's conference scheduled for Thursday, June 5, in Salem.

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Use of Electronic Devices to Observe Weather Studied

Corvallis — Use of radar and other new electronic devices for forecasting and observing weather are under study by the Oregon State college physics department with a new \$31,000 grant from the U. S. Army signal corps engineering laboratories. Started a year ago, the study involves development of latest techniques for predicting weather elements significant for army operations. Dr. Fred Decker, assistant professor of physics, is project leader. Last year's grant for the work was \$29,000.

Studies, though particularly keyed to Army needs in

various military situations involving communications, transportation and weapons utilization, will have wide application in other fields, Decker pointed out.

A portable weather radar trailer is being used to make special storm observations in the Cascade and Coast mountain ranges and the merits of

fixed weather radar and the portable equipment will be compared.

Techniques for forecasting the onset and paths of severe storms, for determining storm intensity and duration, lightning occurrence, wind and temperature changes, freezing and thawing, and occurrence of fog will be examined

during the coming year. Lightning Discharges

Radio positioning of lightning discharges, high altitude photographs, and cloud base and top equipment data will be used.

Graduate students performing meteorological studies connected with the project are Herbert Kershaw and

Clean Powell of Corvallis. Radar and other electronics techniques have been studied by Robert Hunsucker and Julian Pike, Portland; Robert W. Sutton, Medford; Allen Fulmer, Salem; and Arthur Hershman, Valparaiso, Ind. Earlier Decker participated in a two-year research project for the signal corps on wea-

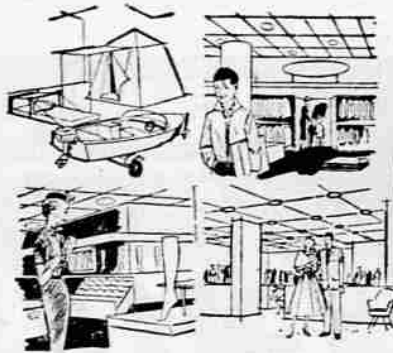
FRIENDS OF LIZARDS

Baton Rouge, La. — State Rep. Jack Rau wants to do away with laws making it illegal to catch lizards at night.

"I've got nothing against the reptiles personally," Rau said, "the laws are just antiquated."

Other effects on army operations as revealed in tactical histories of World War II and the Korean conflict.

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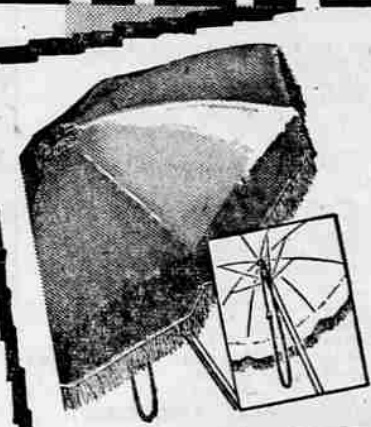
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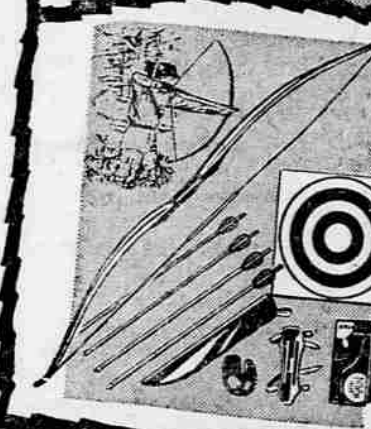
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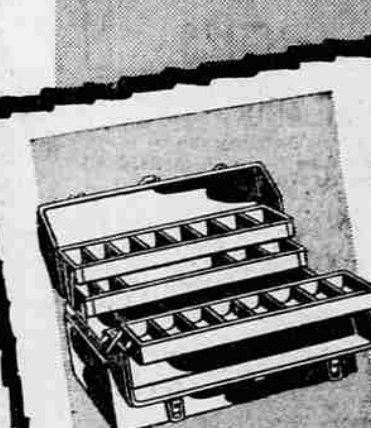
Flowing arch bar. Ball bearings for smooth riding. Safety coaster brakes. Red and Grey.



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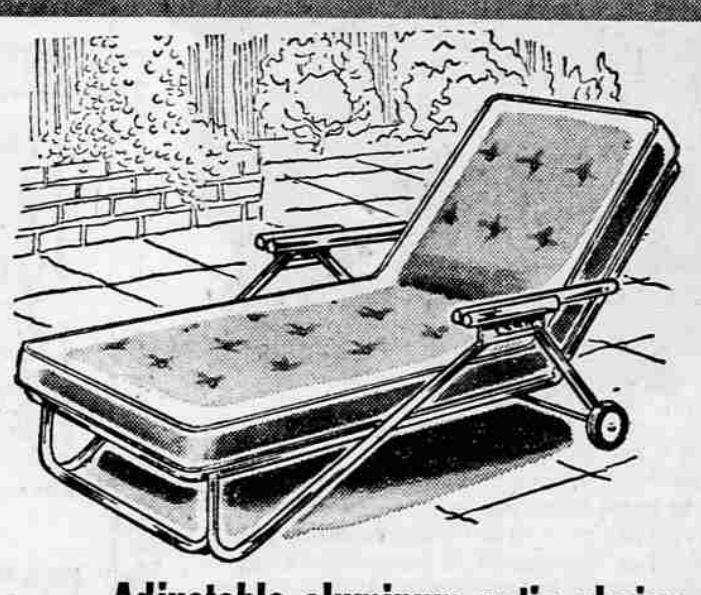
Colorful plastic webbing. Easy rocking on nylon bearings. **22.95**



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