## Sea Weeds Most Abundant Along Oregon's Coast

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coast in the vicinity of Coo Bay. New Wax Found As Many of the typical Colifornia species come north to Oregon, Alcohol By-product while many of the Puget Sound spelles extend south to the Coos Bay region or a little beyond.

Dr. Ethel I Sanborn, associate professor of botany here, and Dr. Maxweil S. Dety, of North-western university, are authority for the statement that 188 of the Markeil S. Sanborn and Dotte ity for the statement that 188 of the Markeil S. Sanborn and Dotte Sanborn a determined species of algae are ty, was started in 1944, but beto be found along the Oregon cause of the war was not com-

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tiers, side - swag drapes, Misses', women's sizes.

LOOK Expensive &

Recovery of a wax of possible wide commercial use by the Or-Oregon State College—Anyone who says sea weeds are abundant along the Oregon coast has the hardened for the north or south. The first report of scientific studies of these forms of plant is announced by Dean Paul M. Dunn, director of the laboratory at Oregon State colthe backing of schools the scithe statement, although the scientist will use the more techniife along the Oregon coast has
now been published as an Orenow been published as an Oreproduced the wax was done by

> about 7% percent of the 60 to Dr. Kurth. 70 tons of lignin produced daily Whather at the plant can be recovered as wax by a simple petroleum solvent extraction process.

leted until this year The collection and study of irine algae has been a major research project at the Institute of Marine Biology at Coos Head." ays Dr. E. L. Packard, direcfor of research at that institute "The coasts of California, Puget Sound and British Columbia kad been previously studied, but no of importance had been

The 66-page monograph will ground lignin as an extender serve as a guidebook for future for insecticides os ar a soil concollectors and will form a basis dirioner. egion, says Dr. Packard. Of the Agricultural phases of the re-188 different species cat aloged, search are carried on in cooper-the largest number belong to the ation with the agricultural exclass of red algae.

would mean an output of about five tons of wax daily at pre-sent level of operations, assuming that all lignin were processed in this way. Such an amount it is believed, would have an important bearing on the economies of alcohol production

from wood waste. A larger extracting unit has industrial laboratory to produce the newly found wax in quan-

Whether making alcohol from wood waste under normal price conditions can be continued on commercial basis depends largely on whether enough by-products of commercial value can be produced to help cover the cot of the process, Dean Dunn points out. About one fourth of wood waste is lignin which is not used in wood alco-

Ever since the start of the Springfield project and the organization of the Forest Prodmade of the Oregon coast until ucts laboratory, continuous re-Dr. Sanborn began collecting in search has been conducted toward finding such by-products. After the institute was started Other results previously an-Dr. Sanborn and her students nounced and now in various made systematic collections. The stages of further development junior author was one of those include the recovery of yeast as earlier students who later col. stock feed from the stillways laborated in the study of the liquor, recovery of gypsum for use as fertilizer and use of dry,

# Communist Rule Stresses Terrorism

It will be interesting to se est how American Communists. ommunist - sympathizers, and fellow-travelers go about squaring the present policy of the Soviet Union with the old pro-paganda to the effect that their rticular brand of dictatorship offers the sole hope for better

ng the lot of the "common world into two opposing camps.
It made united effort for puting hungry and destitute peo oles on their feet, impossible, It decreed, in efefct, that the such as Czechoslovakia must divorce themselves from all hope of American assistance on pain of "displeasing" Moscow—and thereby inviting the kind of ter-rorism that subdued Hungary.

The peoples of these unhappy countries were not, of cours given an opportunity to express eir own wishes in the matter It is only in "degenerate" capitalist nations that the ordinary citizen has a free ballot, free speech and a free press. Only under the obsolete and democratic system can a man work or not work as he pleases, start a business, speak his mind, and go about his affairs without dread of secret police and drumhead courts and concentration camps and slave labor. Only where the laughable institution of free enterprise exists do the people control their government and choose their officials all the way from town marshal to the head of the nation.

Communism feeds upon despair, starvation, terror. The Soviet high-command has decided that these shall be its gifts to every nation which it can influence and dominate. It is building one of the most brutal system of slavery in the history of the world. Here is the total state, in all its glory.

"We see peace as necessary to the survival of civilization; the survival and spread of freedom as necessary to peace; a reviv-ed prosperity for all nations as necessary to the survival of free-dom."-New York Times.

gineering experiment station is helping with the study of methods of handling the waste liquor so as to minimize its dam

Holmes Gabbert, Portland busess man and lone wheat rancher, was transacting busines in Heppner Wednesday.

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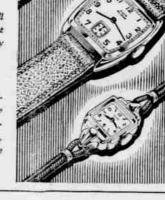
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