

Defense Need May Hit Whales' Diet

Mites Serving as Food for Big Sea Animals Discovered To be Glycerin Source.

SEATTLE. (AP)—Whole oceans full of whale-food may be turned into high explosives to aid the army and navy in defending the United States, if the federal government accepts results of a University of Washington zoologist's researches, made public today.

Prof. Trevor Kincaid announced he had perfected a process for obtaining glycerin, basic component of nitroglycerin, from the feeding son animals called plankton.

They look like microscopic shrimp and are a principal article of diet for whales. Approximately 10 per cent of the dried weight of plankton is glycerin.

Whole oil provides much of the glycerin used in manufacturing high explosives, Kincaid said, but he predicted extinction of whales unless the rest of the world adopts the whaling conservation methods followed by Uncle Sam.

Whales Not Needed
Kincaid's process eliminates the whale from the national defense picture. Whales store the glycerin from plankton in their blubber. Kincaid goes direct to the barely visible plankton, and stores their glycerin in tanks ready for whatever ammunition emergency might arise.

Commercial fishing for plankton is practical, under his method (which he would reveal only to the United States armed forces as a patriotic duty), and awaits only the construction of a harvesting vessel, he said.

They abound in such uncountable numbers that they change the color of large bodies of water, and they multiply so rapidly the supply never can become extinct, Kincaid said.

They could be harvested by passing the sea water through fine screens, just like the whales sieve them through their baleen, and could be dried, and the glycerin extracted, aboard ship, Kincaid added.

If the United States government decides to take a hand, a new industry may be born. And another scientist will be credited with patriotic service rendered without expectation of reward.

Romance of North Woods is Filmed

By MWB
A romance of the north woods, "Untraced," filmed in technical color and starring a brand new romantic duo, Ray Milland and a brunette beauty, Patricia Morison, provides top entertainment at Hilt's Indian theatre for the balance of the week.

Adapted from the Sinclair Lewis' novel, "Mantrap," the picture tells of a tender love that blossoms and blooms in the fastness of the Canadian wilderness, but which is complicated by the fact that Miss Morison is the wife of Akim Tamiroff, a French Canadian guide. Milland is effective in the role of a New York doctor, who, having suffered from a nervous breakdown, is sent to the woods to recuperate. While out hunting bear, he is injured by a grizzly and is taken to Tamiroff's home for treatment and there meets Miss Morison.

The plot reveals that the lovely wife, a city girl and years younger than her husband, had been befriended by Tamiroff while on one of his trips to Seattle, and had married him out of gratitude instead of love. The story ends happily with Tamiroff eliminating himself from the perplexing triangle with a hero's death in a raging blizzard. The snow storm, by the way, is one of the high beauty provided by technical color points of the picture, and the adds much to the scenic backgrounds.

A newswheel, featuring side-lights on Wendell L. Willkie; a musical short, a color-cartoon and a comedy round out a full bill.

Relieved



Richest war refugee to reach America is France's Baron Edouard de Rothschild, banker, of famed House of Rothschild. He is pictured arriving at New York. Baroness Rothschild, who accompanied him, brought in \$1,000,000 in jewels.

New Effort Begun to Free Former Judge Earl Fehi

SALEM, July 18. (AP)—Another attempt to obtain release from the Oregon state hospital of former Jackson County Judge Earl H. Fehi was made yesterday when his attorney, Roy Hewitt of Salem, filed habeas corpus proceedings in circuit court here.

Hewitt contended that Fehi, committed to the hospital in December, 1937, now is sane. Circuit Judge Louis P. Hewitt of Multnomah county, holding court here, recently refused to give Fehi his freedom in similar proceedings.

Indian Service Jobs Open To Federal Examination

The local board of civil service examiners received information today that examinations are to be conducted to fill positions as teacher in Indian community and boarding schools in the Indian field service and as senior cook in the prison service of the department of justice. Persons interested in making application for examination may secure full particulars from C. B. Calkins at the post office in Roseburg.

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Why have tired out feeling—pains in feet, ankle-knee, legs cases caused by some form of foot troubles—

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REGISTERED CHIROPODIST who makes regular visits every other Saturday to your city, is licensed by the state of Oregon as a CHIROPODIST-PODIATRIST—He gives complete foot service. Weak or flat feet, corns, callouses, ingrowing nails, treated without pain and with little cost and trouble to you. Call for appointment or come in.

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Umpqua Hotel, Roseburg
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Trainees Making Good Progress

A very intensive course of training is being received by Douglas county trainees at the Citizens Military Training camp at Vancouver barracks, according to word received from Bertram Shoemaker, one of the local students. Good progress is being made in the new style of drill, while the advanced students have been receiving much practice, he reports, in defensive tactics.

The military students are assigned to divisions according to the number of years they have attended camp, the Blues being the most advanced class. The Douglas county group is divided as follows: Blues—Bellevue, Stanley, Esselstrom, Epstein; Whites—Lewis, Olmsted, Keller, Denton, Shaw; Browns—Quine and Brown are participating in golf competition. Lewis went through the tennis eliminations up to the semi-finals, when he was defeated. Denton is playing basketball.

California farmers use electricity to combat the grasshopper plague. Giving a hot-foot to a hopper as it were.

New Camouflage For U-Boats Found

FRIDAY HARBOR, Wash. (AP)—Uncle Sam's sleek submarines may race into action protected from optical observation by a new camouflage method, if secret results developed from a Seattle physicist's invention are accepted.

Dr. C. L. Utterback, now in residence at the University of Washington's oceanography laboratories at this San Juan Islands village, was revealed by university authorities today to have made a patriotic offer of his "submarine photometer" and its naval warfare application to the federal government, to aid in national defense.

Invented and constructed by Professor Utterback, the circular steel drum, equipped with photoelectric cells and a set of changeable lenses, is sensitive to varying light rays and records their

strength at varying submarine depths down to 350 feet.

Lowered by a stainless steel cable from the deck of the university's "floating laboratory," the motorship Catalyst, the photometer is connected to an instrument board aboard ship by a rubber-protected cable, permitting operators to press buttons and switch the lenses on the instrument, dangling below the ocean surface. On a panel, the operator then may read

the reaction of the water to the different lights.

What interests Uncle Sam most right now, is its bearing on camouflage paint tints for submarines. And those will remain secrets.

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THRIFT DEPARTMENT (LOW PRICES ON COSMETICS AND REMEDIES)

50c Mead's Pabulum	39c
\$1.00 Dr. Miles' Nervine	83c
65c Bisodol	49c
50c Burma Shave	39c
50c Jergens' All Purpose Cream	39c
25c Dr. Carter's Pills	19c
50c Woodbury's Hair Gloss	39c
35c Cashmere Bouquet Lotion	33c
40c Vaseline Hair Tonic	37c
20c Colgate's Tooth Paste	2 for 29c

APRICOTS

U. S. No. 1, Box 45c

TUNA FISH

1/4 Size 10c

PIMENTOES

4-oz. Can, 2 for . . . 15c

SILVER DAWN

Toilet Tissue

10 Rolls 39c

Snow Drift Shortening

3-lb. Can . . . 47c

Oxydol Large Pkg. 17c

Life Buoy TOILET SOAP, 2 bars 11c

Pearl Shortening 4-lb. Pkg. 35c



LETTUCE Large fancy, 2 for	13c
BELL PEPPERS 2 lb.	15c
FRESH TOMATOES 3 lb.	13c
LOCAL STRING BEANS 3 lb.	17c
CUCUMBERS Long green, 3 for	10c
CARROTS Large bunch, 3 for	10c
LEMONS Large, dozen	15c
POTATOES U. S. No. 1's, 10 lb.	19c
CANTALOUPE Jumbos, 3 for	25c
WATERMELONS Striped, lb.	2c
GRAPES 2 lb.	25c
CANDY BARS or GUM, 3 packages	10c

MAXWELL HOUSE COFFEE

1-lb. tin	24c; 2-lb. 47c
Airmail, lb.	12c
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DEVILED MEAT (Quarters), each	3c
MUSTARD 1-lb. jar	10c
LESLIE SALT 2-lb. box, 2 for	17c
KOOLAID 2 packages	9c
PEANUT BUTTER 2-lb. jar	25c
PAROWAX 1-lb. package	11c
HERSHEY'S CHOCOLATE 1-lb. can	10c

MEATS

SWIFT'S SUGAR CURED PICNICS 4 to 10-lb. average; Lb.	15c
Pork Steak Grain fed porkers, lb.	15c
Lunch Meats Assorted, lb. Bologna, Liver sausage, Minced Ham.	10c
Hamburger Ground fresh, lb.	15c
Swift Premium Hams Lb.	23½c
SWIFT'S STEER Beef Roast Lb.	13½c
Wieners Nice and juicy, lb.	15c
FRESH Lard Government inspected, 2 lb.	15c
Bacon Swift's, sliced and rined, lb.	19c

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100-lb. sk. \$5.08

SHRIMP
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5-oz. can, 2 for 25c

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