

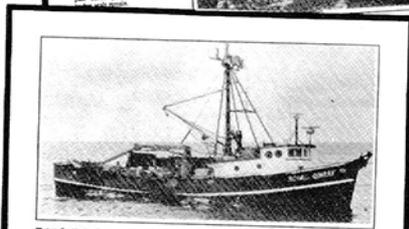
The QUARTERLY

Official Journal of the Agricultural Communicators in Education



Fur Seals, Sea Otters Unearthed

In digging into the soil of the Oregon coast, W. Lee Lyman has uncovered 1,000 years of wildlife history. The marine mammal bones found in his down archaeological dig—whale, gray seal, sea lion and the Pacific herring—reveal an abundance of marine life that has been almost lost to time. They also show that the marine mammals were abundant in the past, and that the marine mammals were abundant in the past, and that the marine mammals were abundant in the past.



Adaptability Characterizes Vessels, Northwest Fishermen

Editor's Note: The Department of Land Conservation and Development has completed a major study on Oregon's commercial fishing vessels. The study was completed in 1986. The study was completed in 1986. The study was completed in 1986.

Although several types of fishing vessels work Oregon waters, the larger vessels are Western Commercial, in that they are equipped during World War II to be converted to the fish processing of the home, which allows for a large, clear deck. Most of these vessels are equipped with a

scaling device and were actively fishing within weeks of the war's ending. Oregon fishermen also are quick to move to new or different areas when the need arises. A number of the state's fishing vessels fish within



Seafloor Chimneys Old Hat to Trawler

Here's Rocks Adorn Back Yard



Some fisherman recall why he kept one of the first seafloor chimneys that spilled from the trawl net onto the deck of his Oregon trawler.

"The vessel built to perfectly round and smooth is loaded like it was the work of human hands. I thought maybe someone had drilled the hole in and then dropped it in the ocean," he said.

Back, who fishes for shrimp and herring off of Clatsop, Oregon, has engaged several chimneys during his 12 years in the fishing grounds. All were built in the 1940s. One of the chimneys was built by the late Captain Elmer on the western Oregon coast and "Hercules" in the northwest of Oregon.

"We only find them when we're hauling fishing gear when we're hauling," he said.

Some of the rocks appear to be the work of nature. The large chimney on the beach is made of concrete blocks. Back has brought most of the seafloor chimneys back to shore and used them to landscape his beach. Now, one can see the full structure of a chimney when another pushes the trunk of a motor yacht.

He only shows in displaying these peculiar rocks. Back says the chimneys, which have appeared consistently around coastal areas in the past year, are common in the north of Clatsop along the Oregon coast. Even fishermen have them—the Fishermen's Green Boatyard in South Beach Park Village. Half the one he took in a cove where it seems to be a ghost.

The scientific interest in the seafloor chimney is reported Back. "I guess fishermen have known about them for as long they use them for ground," he said.

In the past he didn't bother recording location of seafloor chimneys. From now on, he intends to read them on his charts and share the information with oceanographers.

—Tom Gault

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Agricultural Communicators in Education

QUARTERLY EDITOR,
ACE COORDINATOR

Donald N. Collins
655 15th Street, N.W.,
Suite 300
Washington, D.C. 20005
(202) 639-4050

EDITORIAL DIRECTOR,
MANUSCRIPT REVIEWS

LaRae M. Donnellan
Research Publications Editor
Morrill Hall
University of Vermont
Burlington, VT 05405
(802) 656-3024

ACE Quarterly Manuscript Reviewers

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On the Cover

Shown on the cover are three samples of the *Oregon Sea Pen*—the Superior Award-winning entry in the 1988 ACE Critique and Awards Program, newsletter class-Publications Category. The entry was submitted by ACE member Tom Gentle, *Sea Pen* managing editor. The newsletter is published bimonthly by the Oregon State University Extension/Sea Grant College Program, which is supported by the National Oceanic and Atmospheric Administration, the state of Oregon, and participating local governments and private industry.

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