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## Arctic Survival-

## Timely Migration of Tomcod Proved Arctic Lifesaver

Published in Tundra Times
Nov. 19, 1962 By HOWARD ROCK Times Editor Tomcod, the little fish that never seems to travel on schedule but seems to turn up when most needed, is perhaps one of the important living things in the exist ence of man in the Arctic.

In the past, there have been lean years in the north when the little tomcod made its timely appearance to relieve the meager diet the Eskimo experienced when hunting conditions were unfavorable.

Usually by the millions, the tomcod teem in the sea under the ice.

When a run is heavy, the

Eskimos pick up their special made hooks and, literally, dip them in and pull them out hooking the little fish with almost monotonous regularity.

Hooks to catch tomcod have to be made specially

The men carve inch and a quarter long pieces of walrus ivory into shapes something like a curved teardrop. Four of these are made on which a hook or barb is fastened.

A sinker is also fashioned out of ivory. This is carved like a teardrop, also, and polished. This sinker is also made into a large hook with four prongs. It is about three inches long.

When the hooks have been made, the men take seagull wings,
split the quill into sections and gently scrape them smooth. gently scrape them smooth.
These sections are about eight These sections are about eight
inches long. Four of these quill inches long. Four
pieces are required.
pieces are required
When ready, the men careful$y$ fasten them to the bottom of the sinker.

At this stage, when the sinker s held up in the air each of the hooks flare out gently in four equally spaced directions. The dea is to keep the hooks from tangling while being used.

The hookmaker is now ready to attach the long hook line to the sinker.

The hook line is made out of baleen or whalebone, which he has split into long strings. If the has split into long strings. If the

10 -foot long baleen string. He scrapes them carefully and rounds them into a string less than an eighth of an inch in diameter.

He makes several of these depending on the length of the length of the baleen. He ties them together with a special not them will not slip.
This done, he fastens the line o a short fishpole. This pole is about a foot and a half in length. It is made out of wood, the ends of which had been carved out forming an oval with a slit opening at each end

The baleen fish line is then coiled on the pole from end to end. Women usually fish for tomeod. Often, they drive dog. teams taking along with them one or two of their children who are big enough to help

A hole in the ice is made with a long-handled ice pick. Tomeod fishing begins. When a run is specially heavy a sled load is caught in a short time.
It is very common to catch a tomeod in each of the four hooks on the line and some are snagged on the sinker hook
For lure, anything reddish or yellowish is attached to the hooks.

In the fall of the year in the Arctic heavy winds usually rage creating huge waves breaking along the beaches. At such times many tomcods are washed ashore. They are picked up still wiggling fresh out of the sea.

As food tomcod is not necessarily a favorite diet of the Eskimos but it is a welcomed

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change from the other foods. It is served boiled, fried or rozen. It is also dried, strung through the gills and hung after he innards have been re moved
Husky dogs relish tomcod The little fish apparently furnish a vitamin the dogs need. In 12 days or two weeks after a diet of some tomeod the coat of the dogs take on a sheen and the dogs are happy and healthy.
In ancient times the women skinned the tomeod, dried the skin and used it as a container for their fine sinews. It kept the sinew in perfect consistency for immediate use

The little tomeod had adefinite role in the survival of the people in the Arctic. Its presence 111 great numbers in the Aretic seas must be the reason why the han seal and other sea mammals abound. Thus, the tomeod must be classed as one of great importance in the existence of man in the Aretic.

## Peruvian Embroideries <br> To Be Shown

A collection of Peruvian embroideries, interpreting life in an Indian village, will be on display through Jan. 31 at the Fairbanks North Star Borough Library, 901 First Ave.

The exhibit features 30 colorful embroideries, made by children six to 16 years old from the village of Chijnaya located in the Peruvian Andes

Bullfights, religious objects, familiar animals and village scenes are the subjects portray. ed by the children, who had no previous experience in embroidery until the project was first suggested by a Peace Corps offi-
$\stackrel{\text { cer. }}{ }$ Provided with unbleached woolen cloth and brightly colored yam, the children then let their imaginations guide them in making their fanciful designs incorporating an outside world which they had never seen. None of the children had ever left their village.

The exhibit is funded in part by a grant from the Alaska State Council on the Arts and the Na tional Endowment for the Arts, a federal agency.

## Riol 970 <br> 

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