

INTERESTING FACTS ABOUT SEA FISHES HERRING

The quest for the herring constitutes one of the important branches of our extremely diversified fishing industry. More than 2,056,680 cwts. of herring were landed last year on our Atlantic and Pacific coasts, with a first hand value of \$2,255,504, and a marketed value of \$3,337,738. No other fish were captured in such abundance, the cod, generally believed to be the most prolific, falling some 75,000 cwts. short of the herring catch. From the standpoint of value it gave place only to salmon, lobster, cod and halibut.

The common herring (clupea harengus) is beyond question, says D. S. Jordan, the most important of food fishes in the Atlantic, if not in the world. Distributed as it is throughout the whole of the north Atlantic it affords occupation to many thousands of fishermen. An estimate made by Prof. Huxley places the world's annual catch at three billion fishes or half that number of pounds, and some authorities place it even higher. But even three billion is probably no greater than the number contained in a single shoal if it covers half a dozen square miles, and shoals of much greater size are recorded. Professor Huxley says that there must be scattered throughout the north and north Atlantic at one and the same time scores of shoals, any of which would go a long way to supplying the whole of man's present-day consumption of herring.

The herring is found in the colder waters of the north Atlantic. It has been caught on the American shore as far south as Cape Hattus, but it seldom prevails in abundance south of New England. It very seldom takes to brackish water, and it spawns in the open sea, the female depositing from thirty to fifty thousand eggs. Unlike most fishes the herring is regarded as particularly delicious at spawning time and the most successful herring fisheries are prosecuted when the fish are in full roe, that is, ripe in eggs and in milk.

On the American side of the Atlantic the herring fishery is entirely a shore fishery. With the exception of a few occasionally taken for bait by the line fishermen on the banks, our herring are all caught in the immediate vicinity of the shore. Although the fishery on this side of the ocean has not assumed the importance it has long held in Europe, there is no doubt that the species obtains in as great abundance immediately off our shores as in the North Sea and European Atlantic. Our fishermen, however, never found conditions sufficiently inducing to invest in special equipment to fish off shore. The Fisheries Department, Ottawa, conducted experiments in 1915 and 1916 which seemed to indicate the profligacy of herring in the St. Lawrence and Atlantic, and of a class adapted to "Scotch" curing, which is popular in the American and other markets. Generally speaking, the inshore fish are not suited for this cure. The herring fishery on our Atlantic coast extends from Newfoundland to Cape Cod, while the stretch from the Bay of Fundy southward is practically a continuous fishing ground.

The fishery is carried on chiefly by means of brush-walks, gill-nets and torching. The brush-walk is a wall of brush which diverts the course of the fishes, and leads them into a pound. The torching method is most primitive, and is employed only after the water has become cool. An oil torch—formerly a birch bark torch—is fixed to the bow of the boat, which is rapidly rowed through the water. The fishes rise toward the light as long as the boat is in rapid motion, and a man standing at the bow scoops them in large quantities with a dip-net.

The herring food consists of small animal organisms, chiefly two small crustaceans, known in the vernacular as "red seed" and "shrimp." It has a great host of enemies, including cod, haddock, pollock, hake, dogfish, albacore, squid, porpoise, seal and the finbacked whale, each of which is very destructive.

Approximately two-thirds of our sea herring are produced on the Atlantic coast, where they are mostly pickled and smoked. The latter are known on the market as "kippered" herring or "bloters", if they are unsalted and half dried in the smoke-house. A comparatively small quantity is canned.

On the Pacific coast there is another herring very similar (clupea pallasi) which prevails in great abundance about Vancouver Island. An indication of the profligacy in this zone was brought to light in a recent case before the Admiralty Court at Vancouver. Ira C. Epperson, master of a boat, is declared to have stated that 150 tons—300,000 pounds or a good-sized fare for a steam trawler operating on the Grand Banks—had been taken in one haul of the seine on board the craft, and that frequently the catches were so heavy that one end of the net had to be released to dump one half the catch into the sea.

Pacific herring is mostly dry-salted and shipped in boxes to the Orient

DELICATE GIRLS NEED NEW BLOOD Rich, Red Blood Means Health and Strength

The anaemia of young girls may be inherited, or it may be caused by bad air, unhealthful food, hasty and irregular eating, insufficient outdoor exercise and not enough rest and sleep.

It comes on gradually, beginning with languor, indigestion to mental or bodily exertion, irritability and a feeling of fatigue. Later comes the palpitation of the heart, headaches, dizziness following a stooping position, frequent backaches and breathlessness. In a majority of cases constipation is present. There may be no great loss of flesh, but usually the complexion takes on a greenish-yellow pallor.

Cases of this kind, if neglected, become more serious, but if taken in time there is no need to worry. Dr. Williams' Pink Pills, which are free from any harmful or habit-forming drug, are just the tonic needed to remedy this wretched state of health. Though it is not noticeable, improvement begins with the first dose. As the blood is made rich the pallor leaves the face, strength and activity gradually return and the danger of relapse is very slight.

If any symptom of anaemia appears, prudence suggests that Dr. Williams' Pink Pills should be given at once, and the sooner they are taken the more speedily will their action improve the blood. You can get these pills through any dealer in medicine, or by mail, at 50 cents a box, or six boxes for \$2.50, from The Dr. Williams' Medicine Co., Brockville, Ont.

THANKSGIVING AND ARMISTICE DAY Our National Thanksgiving is not to be on November 11th in each year, but the Monday of the week in which the Armistice anniversary, November 11th, falls.

The Armistice Day Act enacted to June 4th, 1921, in this regard reads as follows: "Throughout Canada in each and every year the Monday in the week in which the eleventh day of November shall occur, being the day in which the Great War was triumphantly concluded by an armistice, shall be a legal holiday, and shall be kept and observed as such under the name of Armistice Day."

The holiday commonly called Thanksgiving Day being a day usually appointed in the month of October or November by proclamation as a day of general thanksgiving to Almighty God, shall, whenever appointed, be proclaimed and observed for and on Armistice Day.

This Thanksgiving Day is, therefore, fixed by Act of Parliament, and must be, when proclaimed, on Monday of the week in which "November 11th" comes.

This year Thanksgiving Day will be Monday, November 7th.

ONE WAY TRAFFIC There is only one road to the town of "Success."

The name of the road is "Work." It has room for only honest guests, Traffic's blocked to those that shirk.

The road is open all hours of To-day. It needs neither time nor date. And now is the time to start on your way.

For to-morrow will be too late. Nearly all of the way in an uphill road.

It will seem like a tough old fight. But once on your way just bear up your load.

And keep going with all your might. You will pass through many towns each day.

Such as Failure, Gloom and Despair; At each of these stations just keep on your way.

For "Work" does not tarry there. After you have entered the town of "Success,"

Tho' your load may have been hard to bear, Once inside you will find both comfort and rest.

Just be thankful you started for there.

STUDYING AT HOME I wonder why, when a certain class enters High School, you can be certain that part of them will pass all their examinations, some of them will fail in a few, and others will fail in nearly all. I can give one reason for this.

Out of all the High School students in the State of Iowa at one time there was a certain number who did less than four hours a week home study and some of these did none; of this group fifty-six out of every hundred failed on one examination or more. There was another group who studied from five to eight hours at home each week, which is an average of about one hour per day,

and forty-five out of every one hundred of these failed on at least one paper. Another group studied from thirteen to sixteen hours per week and only seventeen per cent of these had even one failure and of those who studied from seventeen to twenty hours a week there were no failures even once.

THE NEW MINISTRY Prime Minister and External Affairs, Right Hon. Arthur Meighen, (no change.)

Railways and Canals, Hon. J. A. Stewart, (new.) Trade and Commerce, H. H. Stevens, Vancouver, (new.) Justice, R. B. Bennett, Calgary, (new.)

Postmaster-General, L. C. Bellefleur, K. C., Quebec, (new.) Secretary of State, Rodolphe Monty, Montreal, (new.)

Health, Immigration and Colonization, Dr. J. W. Edwards, Frontenac, (new.) Soldiers' Civil Re-establishment, R. J. Manion, Fort William, (new.)

Customs and Excise, J. B. M. Baxter, St. John, N.B. (new.) Public Works, Hon. F. B. McCurdy, (no change.)

Finance, Sir Henry Drayton, (no change.) President of the Privy Council, Dr. L. G. Normand, Three Rivers, (new.)

Agriculture, Hon. S. F. Tolmie, Victoria, B.C. (no change.) Labor, Hon. G. D. Robertson, (no change.)

Marine and Naval, Hon. C. C. Bantyne, (no change.) Interior, Sir James Loughheed, (no change.)

Militia and Defence, Hon. Hugh Guthrie, (no change.) Without Portfolio, Hon. E. K. Spence, (no change.)

Sir Edward Kenn, (no change.) James Wilson, Saskatchewan, (new.) and Edmund Bristol, K.C., Toronto, (new.)

The portfolio of solicitor-general remains to be filled.

A FINE OLD HOME PAPER Tune—A Fine Old English Gentleman

These magazines with gravures and all these works of art. Are very well for city folks who live by dint of mart;

But give me first and foremost, I hold it is the prime— That fine old home town paper— one of the good old time.

The printin' isn't perfect, the ink's not uniform, The type is set by hand perhaps,— considerably overworn.

The dear old press—I know it well —it's covered o'er with grime— But it prints that old home paper— one of the good old time.

I look for it each week as regularly it comes, And when the postman brings it in, I drop all other chums.

I drink it in, from start to fin, ridiculous and sublime, That fine old home town paper, one of the good old time.

Smith's cat may have some kittens; Jones is putting in new pumps, My girl chum has got married and the kids have got the mumps.

Jack Wiltsey's built a lean to, Johnson's roses upward climb, Oh! I love the old home paper, one of the good old time.

—Geo. E. Wray.

Poor Prospects For The Future A family in an eastern city includes several children, but only one—the eldest—is a boy. The little lad longed for a brother. Recently the house was rather upset. A nurse who appeared on the scene came to the little boy.

"What do you think you've got?" she asked him. "A baby brother!" fairly gasped the youngster.

"No, dearie, it's a baby sister," replied the nurse. "Aw!" groaned the youngster. "am I goin' always to have to sift those ashes?"

The Mean Skunk A tall strong man walked into a shop.

"I want a set of lady's furs," he said. "What kind?" asked the male assistant.

"That brown set in the window will do if it's not too dear," replied the tall, strong man. "Oh, you mean skunk!" said the assistant.

The poor assistant is still in the hospital.

Looking On The Dark Side Young James was disturbed by the almost incessant yells of his baby brother.

"What is the baby crying for?" asked a kind-faced woman, bending over the carriage.

Where The Money Went Irate Father—What, more money! See here, young man, what did you do with that last five hundred I gave you? Chorus girls, cabarets, joy rides, I suppose.

Son—No, father, no. I've been playing bridge with mother.

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Most Worshipful Grand Master J. M. Lawson of the Grand Lodge of Nova Scotia, accompanied by W. G. Kirk, P.M., left Yarmouth Wednesday for Shelburne and Lockport.

Grand Master Lawson is making his official visitation of the Lodges in his jurisdiction.

THE HARVESTER'S WONDERFUL HERBS ARE COMING

The safest, purest and best remedies on the market. We gather from all parts of the world the very best Herbs, Roots, Barks and Berries. We do not use poisonous Herbs. They kill both man and beast. What we use are all of the life principle.

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FOR YOUR BONE AND FLESH—LIVING LIME All from Herbs and Free from Poisons

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The Harvester's Living Phosphorus Nerve Food The Harvester's Honeyed Cascara for Constipation

The Damask Rose Hair Beautifier A Wonderful Hair Grower White Willow Creme, the Magic Corn Cure

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