

FISHERIES OF 1880.

Interesting Particulars Respecting one of our Greatest Sources of Wealth.

Supplement No. 2, to the report of the Minister of Marine and Fisheries has just been issued. It contains the "fisheries statement" for the year 1880. The expenditure for the several provinces and services in connection with the fisheries were as follows:—

Ontario—Fishery overseers' salaries and disbursements, \$12,003.37; fish-breeding, \$5,300.71; total, \$17,304.08.

Quebec—Fishery overseers' salaries and disbursements, \$12,501.78; fish-breeding, \$4,701.34; fisheries protection service, Gulf and Lower St. Lawrence, \$1,880.08; total, \$19,173.20.

Nova Scotia—Fishery overseers' salaries and disbursements, \$14,180.55; fish-breeding, \$3,323.16; total, \$17,503.71.

New Brunswick—Fishery overseers' salaries and disbursements, \$12,201.00; fish-breeding, \$5,600.00; total, \$17,801.00. Under the head of fish-breeding in this province are reckoned Mr. Samuel Wilmot's salary and travelling disbursement, being applicable to the several establishments in the Dominion, \$2,551.79. General disbursements, including building of fishways, removal of obstructions to ascent of fish, etc., \$3,163.27.

Prince Edward Island—Fishery overseers' and inspector of fisheries' salaries and disbursements, \$2,686.49; fish-breeding, \$4,494.34; total, \$7,180.83.

Critical Columbia—Fishery overseers' and inspector of fisheries' salaries and disbursements, \$1,399.92.

Manitoba—Printing and distributing posters containing extracts of fishery laws, \$19.75; total expenditure, \$86,187.55; less refund in fish-breeding, \$28; total, \$87,162.55.

The collections during the fiscal year are arranged under the following heads:—Ontario—Rents, license fees, fines and confiscations, \$6,465.05; Quebec—Rents, license fees, fines and confiscations, \$7,124.42; Nova Scotia—Fees on trap nets, fines and forfeitures, \$1,507.72; New Brunswick—Rent, taxes on nets, fines and forfeitures, \$4,276.07; Prince Edward Island—Fee on trap-net license, \$40; British Columbia—Fines, \$10. Total, \$17,423.16.

The number of fishery licenses issued during the season of 1880 is as follows:—Ontario—Gill net licenses, 312; Hoop net licenses, 39; pound-net licenses, 54; seine licenses, 217 angling permits, 1,343; spearing licenses, 120.

Quebec—Salmon net fishing licenses, 444; brush weir licenses, 129; eel weir licenses, 5; seine licenses, 162; gill-net licenses, 215.

New Brunswick—Salmon angling licenses, 1; salmon net-fishing licenses, 768; herring weir licenses, 98; bass licenses, 243, angling permits, 40.

Nova Scotia—Salmon net fishing licenses, 86; trap net licenses, 53; weir net license, 4.

Prince Edward Island—Trap-net license, 1. Total, 4,334.

In 1880 the staff of Fishery officers was as follows: Ontario, 82; Quebec, 103; Nova Scotia, 250; New Brunswick, 107; Prince Edward Island, 44; British Columbia, 2; Fish-breeding service in Gulf and Lower St. Lawrence, 1. Total, 594.

The total expenditure on account of fish culture for the fiscal year ended June 30, 1880, was \$28,108.61. The total number of vivified fish ova deposited in 1880 was 26,212,000, being something over two million less than in 1879.

The total expenditure on account of fisheries during the year was \$86,162.55.

The schedule of salmon angling in the leased rivers of Quebec and New Brunswick, during the season of 1880 shows that 1,717 salmon were caught, the aggregate weight of which was 23,302 lbs. and the average weight 13 1/2 lbs.

The weight of the largest fish caught was 42 lbs. and of the smallest 7 lbs. In addition to these a number of grise and trout were caught in the same streams.

The yield of the fisheries in the Province of Ontario during the year 1880, was as follows: Whitefish, 4,495 bbls; 1,728,400 lbs, and 638,900 pieces; trout, 10,443 bbls; herrings, 7,066 bbls; scisicos 378 bbls; maskinonge, 1,349 bbls; bass, 1,730 bbls; pike, 1,028 bbls; pickerel, 2,942 bbls; sturgeon, 1,592; coarse fish 8,028 bbls; fish used for local consumption 9,301 bbls. The total value of the Ontario fisheries in 1880 was \$444,491, against \$367,133 in 1879.

It may be remarked that the fishery statistics are put up in a very slovenly manner. The different inspectors in the various Provinces seem to adopt whatever form of report they think best, in consequence of which there is no uniformity and no means of making proper comparisons. The blue book gives no figures whatever to show the catch for the Dominion. The figures of the different Provinces even are not reliable, and in many instances are manifestly absurd.

On Saturday last, Mr. Jas. Howson, auctioneer, sold under power of mortgage the McLean property, in McKillop, near Walton, consisting of 37 acres, which went at \$820. As the land was very poor, with very little improvement, this was considered an unusually good price.

KILLING PIGS IN CHICAGO.

"Belfast Bacon" and "Wiltshire Bacon" from American Park.

First, the pigs are driven up a covered gangway (connected with the stock yards) to boxes in the third floor of the packing-house and opposite the end of the killing-box. The inner box holds about 60 hogs; here a man is stationed, who slips a chain around a hind leg of the animal, which is immediately hoisted by machinery on to a sliding rod, and is suspended by the one leg. A man stands opposite this sliding rod, which is capable of hanging about a score of pigs, with a knife in his hand, and as each pig is hoisted up, gently and coolly treats it to a few inches of steel in the easiest manner possible. This blood-letting business is done with an accuracy, speed and celerity which really surprises the onlooker. I timed the man killing 12 hogs in one minute and 41 hogs in five consecutive minutes. An instantaneous touch of the knife, and he pushes the pig past him to the next man, who was slipping them down into an oblong trough filled with hot water, and sending back the empty chains to the starting-point along an inclined sliding rod. This trough was capable of containing about a dozen pig lying crossways. One man was standing with a stick pushing them along, and other two at the extreme end of the trough working a machine which lifted the hog bodily up and turned him over to a rotary scraper, on either side of which stood a man to roll over the pig to a narrow bench, at which two men stood, ready to complete the work of the machine scraper. Passing on the animal, one man cuts off his head and the other prepared its hind legs for hanging up. It is then quickly hoisted by machinery to a sliding rail, two men taking out the entrails and washing out the inside with water. A boy stands at this point, who pushes the animal along the rail to a man who takes out the lard, and then another man splits off the loose flesh from inside the hind legs, and prepares them for ham when they are to be used for that purpose. The hog is then turned over to the next man, who rips the pork from tail to nose of neck with a sharp knife. It is then passed to two boys who stand with long hooks, with which they catch a side of the pig while a man cleaves it down the back and notches the upper joining of the spare rib for a man who follows with a small cleaver for cutting it off. The animal is then pushed on to two men who examine and clean it over with a cold water hose and knife, and a third man passes it on to the cooling chambers. From there it is pushed along to the cutting-rooms, and is there cut up into hams, sides, &c., as may be desired, and then slid down a shoot into the salting-room, where they are rubbed with salt and packed up in squares on the floor from 4 to 5 feet high. These are turned after a certain time and resalted. A visitor to some Chicago packing-houses may see, if he keeps his eyes open, thousands of the finest "Belfast hams," "Wiltshire bacon," &c., manufactured from American pork. My cicero who trotted me round pointed out the various cuts and brands produced to represent the home grown animal. I think that those who eat the American pork for so-called old country brands do not lose by the imposition. In the first place, the breed and condition of pigs are much superior to those generally grown in the old country, and here on the manufacturing of the article is carried on in the most economical and, in regard both to cleanliness and neatness of workmanship, in the most perfect manner possible. So much so that I would for the future prefer the best brands of American pork in preference to home sorts. While killing, cleaning, curing, and packing the pork in the neatest manner in all the usual styles to be found in the markets of the world, the American packer also gives equal attention to the refuse. The tongues and pig-checks are dexterously and carefully taken from the head and preserved. The head, feet, and blood are utilized in various ways. The lard is melted, pressed and packed into barrels or pails for both home use and exportation.

Prof. Torrance, Principal of the Literary Institute at Woodstock, died at Bobcaygeon on noon on Wednesday.

Mr. A. C. Osborne, formerly publisher of the Wingham Times, has lately commenced the issue of the Penetanguishene Herald.

It is said to have cost the owners of the schooner David Dow \$2,000 to release her from the rocks at the Line-kills. The Parker's bill was over \$1,200.

It is not unlikely the Deane of Westminster will be offered to Dean Vaughan, Dr. Stanley's brother-in-law, now Master of the Temple, and formerly Head Master of Harrow, who frequently refused the offer of a bishopric from Lord Palmerston. The Deane of Westminster is regarded so highly that the late Dean Stanley frequently refused a bishopric.

An ACCIDENT.—We are sorry to learn that Mrs. Robt. Coleman, of Tucker-smith, has met with an accident which has injured her pretty severely. It seems as she was engaged milking, a young colt came cantering amongst the cattle, causing them to run over Mrs. C. in their flight. She has received some pretty severe wounds, but will no doubt recover all right in time.

CANADIAN NEWS.

Out of fifty-one candidates up for examination for registration as chemists followed:—R. J. Duck, Morpeth, 98; F. H. Harrison, Milton, 87-2nd prize; C. H. Weighman, Brantford, 86; E. J. Kendall, Toronto, 81; W. A. Ellis, Meaford, 80; E. A. Cowper, Welland, 80; M. F. Derby, Selkirk, 80; A. A. De-noon, Milton, 80; W. Lowe, Chatham, 80; O. F. Bataford, Newmarket, 80; C. H. Walker, 80; Port Rowan, 80; W. E. Atkinson, Ottawa, 80; J. W. Patterson, Warton, 80. The maximum number of marks was 120, the minimum 80. This is the worst showing in many years.

The trouble which postal clerks have in cancelling stamps on letters when the stamps are stuck on in all sorts of awkward places, appeals to the commiseration of the letter-writing public, and, although there is no law to direct on what part of an envelope the stamp should be put, we commend the following rule to our readers: Stamp with care. Stamp by the order of the postmaster. Only in the right-hand upper corner. A yard Harvey's Gunpowder, one care, A green postage stamp for a two-cent fare, by the order of the postmaster.

ONTARIO COLLEGE OF PHARMACY.—The sixth annual election of the Council of the Ontario College of Pharmacy, recently held, resulted as follows: Wm. Saunders, London; Wm. Elliot, Toronto; W. T. Bray, Wingham; W. B. Saunders, Stuyver; Neil C. Love, Toronto; H. J. Rose, Toronto; H. R. Perry, Fergus; W. A. Gunn, Kingston; L. W. Yeomans, Belleville; Hugh Miller, Toronto; Edward Harvey, Ganung; G. J. Wangh, Stratford; John Henderson, Toronto. The twenty-first examinations of this College commenced in Toronto on Tuesday next. So far fifty-three candidates have signified their intention of presenting themselves; last examination, in February, the number was forty. The examinations are: Chemistry, E. B. Shuttleworth, Toronto; Botting, L. W. Yeomans, Belleville; Materia Medica, H. J. Rose, Toronto; Practical Dispensing, W. S. Robinson, Yorkville.

Oliver Ditson & Co., send us six songs and piano pieces, which seem to be good hot weather music, and are suggestive of summer sights and sounds. How Mollo's "Great Grandmother" (35 cts.) suggests there is not so clear, but doubtless she lived in the country; there can be no mistake, however, about "The Death of the Nightingale" (30 cts.) by Henschel, who takes the words from the Persian of Hafiz; and "That Traitor Love" (35 cts.) by J. Roedel, is especially busy in summer, when fragrance is in the air and lanes are shady, cool and dim. The "Dream of the Shepherdess" (30 cts.) by Labitzky, a piano piece, is surely a summer idyll; and that grand triumphal march, "All the Rage" (30 cts.) by A. J. W. H. and "Sky-Rocket Galop" (35 cts.) by Kleber, are July pieces if they are anything. A copy of the weekly Musical Record (\$2 per year) comes with the music.

Biliousness, Indigestion, Constipation—all forms of Dyspepsia yield at once to a few doses of Zopex, the new compound from Brazil. A 10 cent sample proves it.

Newspaper Laws.

We call the special attention of postmasters and subscribers to the following synopsis of the newspaper laws:

1. A postmaster is required to give notice by letter (returning a paper does not answer the law) when a subscriber does not take his paper out of the office, and state the reasons for its not being taken. Any neglect to do so makes the postmaster responsible to the publishers for payment.

2. If any person orders his paper discontinued, he must pay all arrearages, or the publisher may continue to send it until payment is made; and collect the whole amount, whether it be taken from the office or not. There can be no legal discontinuance until the payment is made.

3. Any person who takes a paper from the post-office, whether directed to his name or another, or whether he has subscribed or not, is responsible for the pay-both to cleanliness and neatness of workmanship, in the most perfect manner possible. So much so that I would for the future prefer the best brands of American pork in preference to home sorts. While killing, cleaning, curing, and packing the pork in the neatest manner in all the usual styles to be found in the markets of the world, the American packer also gives equal attention to the refuse. The tongues and pig-checks are dexterously and carefully taken from the head and preserved. The head, feet, and blood are utilized in various ways. The lard is melted, pressed and packed into barrels or pails for both home use and exportation.

4. If a subscriber orders his paper to be continued, he must pay for it if he takes it out of the post-office. This proceeds upon the ground that a man must pay for what he uses.

5. The courts have decided that refusing to take a newspaper and periodicals from the post-office, or removing and leaving them uncalled for, is prima facie evidence of intentional fraud.

Nature, after all, is the great physician. She hides all the secrets of health within her broad, generous bosom, and man needs but to go to her intelligently for his every need. The discovery of the great Cough Remedy, GRAY'S SYRUP OF RED SPRUCE GUM, is an apt illustration of this. As a cure for Coughs, Colds, Loss of Voice and Hoarseness it stands unrivalled, while its low price and readiness of access places it within the reach of all. Try it and be convinced. All chemists keep it in 25 and 50-cent bottles.—Ad.

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The best salve in the world for cuts, Bruises, Sores, Ulcers, Salt Rheum, Peyer Sores, Tetter, Chapped Hands, Chillsbuns, Corns, and all Skin Eruptions and positively cures Piles. It is guaranteed to give perfect satisfaction or money refunded. Price 25 cents per box. For sale by all druggists.

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The same care and attention bestowed on the Dominion and Provincial Directories of 1871 will be given to this. Subscribers names respectfully solicited. Terms of Advertising made known upon application.

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