

Death Ray May Put End To Sea Eels In Great Lakes Commons Committee Hears

OTTAWA (CP)—A death ray that kills by sound may spell doom for sea eels now destroying trout fishing in the Great Lakes, a parliamentary committee was told Monday.

Dr. W. M. Sprules of the fisheries department told the Commons fisheries committee that government engineers have designed an ultrasonic sound wave projector that may do the trick.

The committee was considering a bill to implement a Canada-United States convention signed in Washington last September. It would set up an international Great Lakes fishery commission to study and advise on fishing in the

Great Lakes, with special responsibility for ridding them of the eels—known as marine lamprey.

The bill was approved and returned to the Commons for third reading.

INVADE LAKES

Lamprey invaded the lakes system in 1936, Dr. Sprules said, and have now infested all except Lake Superior, where they have attacked but are under control.

Only in its last 18 months does the lamprey go out into the lakes from the streamlet backwaters in which it spends up to four years, feeding passively.

Then it becomes a "voracious vampire," said Dr. Sprules. It fastens upon lake trout and some other varieties of fish, and through its sucking mouth feeds upon their blood and flesh. Usually the lamprey remains fastened upon one fish until it dies.

In Lake Huron alone, Dr. Sprules said, trout fishing has decreased to zero from a 3,500,000-pound-a-year business in 1934.

TRAPPED BY WEIRS

Scientists have discovered that the eel makes for a certain type of stream water to spawn and then die. It is on the run to the spawning areas that lamprey are vulnerable. By mechanical weirs they can be trapped, electrical weirs can electrocute them, and specific heavy gravity poisons have been developed to kill the young.

Lake Superior is being tackled first, since there the problem is conservation, as well as eel destruction. Control measures will be extended down the lakes progressively.

The sound-wave machine is one of the control measures the government is working on. So far it is in the design stage. One still has to be produced and tried out.

Ladies' Re-decorate Cundall Home

The regular monthly meeting of the Ladies' Aid of the Prince Edward Island Hospital was held at the Cundall Home on Monday, May 9th, with twenty-two members present.

The President, Mrs. G. H. Buntain, presided, and opened the meeting with the Lord's Prayer, repeated in unison.

The President stated that all the rooms at the Cundall Home had been completely re-decorated—the furniture and walls painted and the floors refinished. The expenses in this connection have been looked after by the Aid.

Arrangements were made for the Nurses' Graduation to be held the end of May, and committees were appointed. A Scholarship will be donated again this year.

The Treasurer, Mrs. G. F. Moore, in her report showed a substantial balance. Proceeds from Tag Day held on Easter Saturday, under the convenship of Mrs. Gordon Leitch, were most satisfactory. The President congratulated Mrs. Leitch on organizing Tag Day so successfully.

Letters of acknowledgment were read from Mrs. Donald MacNeill and Mrs. Earle MacLeod.

Plans were made for a Cooking School to be held 6th and 7th of June, under the auspices of the Junior League of the Charlottetown Hospital and the Senior Aid of the P. E. I. Hospital. The members were urged to sell many tickets as possible.

As the Maritime Hospital Aids Association meets in Charlottetown from the 30th of May to the 1st of June, Mrs. Allison MacMillan and Mrs. Harry Miller were appointed to represent the Aid at this Convention. All the delegates attending this Convention will be entertained at Tea in the Cundall Home by the Junior League of the Charlottetown Hospital and the Senior Aid of the P. E. I. Hospital.

Letters were read from the Canadian Red Cross Society re blood donors on June 1st and 2nd; also from the Maritime Hospital Association and from the British Columbia Hospital Aids Association.

Knitted Articles and donations for the Gift Cabinet at the Hospital were received.

On motion of adjournment Tea was served by: Mrs. Willard Kelly, Mrs. W. E. Bearstro, Mrs. Stanley Thompson, Mrs. H. J. Kennedy, Mrs. Eldon Campbell.

Women Navy Officers To Visit Province

OTTAWA (CP)—Two women officers of the navy will spend the next three weeks in the Maritimes and Quebec telling girls there how to join up.

Cmdr. Isabel J. Macneill of Gall, Ont., and Halifax, and Lieut. Jean Crawford-Smith of Toronto will acquaint reserve Wrens with plans for the recently approved regular force when component," the navy said.

Most women recruited for the regular force will be from reserve formations, the navy said.

Lieut. Crawford-Smith visits St. John's, Nfld., Sunday, and will be joined by Cmdr. Macneill at Halifax Wednesday. Their itinerary thereafter will be Dartmouth, N.S., May 20; Digby, May 24-26; Saint John, May 27-28; Charlottetown, May 29-30; Moncton, May 30-31; Montreal June 1; and Quebec City

FIRST CH'TOWN TROOP

The regular monthly meeting of the Mother's Auxiliary of the First Charlottetown Troop was held in the Holy Name Hall on May 10th. The president, Mrs. George Chandler opened the meeting with prayer followed by roll-call. The secretary read the minutes of the previous meeting and they were approved as read.

Plans were made to enter to the students of St. Dunstan's University at their graduation dance. The following women being appointed: Mrs. Frank Saunders, Mrs. Edward Arsenault, Mrs. Helen McKenna, Mrs. Neil MacNevin, Mrs. Mary Long, Mrs. James Darte, Mrs. Alan MacKinnon, Mrs. R. G. Mitchell, Mrs. L. Connolly, Mrs. Francis Campbell, Mrs. George Chandler and Mrs. Malcolm MacDonald.

Due to the cancellation of the May Penny Auction, plans were made to hold one in June. Mrs. Gerard Mullally of the Sewing committee gave out material to be made into neckchiefs for the Scouts and Cubs.

"Two Blades Of Grass"



Two centuries ago Voltaire said "He who makes two blades of grass grow in place of one renders a service to the Nation." The job of the Provincial Department of Agriculture and its Affiliate, the Federal Department, is something like that—to assist our farmers in a program that will tend to produce more than ever before (to make two blades of grass grow in place of one) and, by so doing, to bring increased wealth for everybody.

There has been a revolutionary change in Agriculture in Prince Edward Island in the past number of years. As much hay is grown on one acre of land today as was produced on ten acres some years ago—(actually ten blades of grass grow in the place of one). The same increase is evident in our grain crops and the up-surge in the production of potatoes (the estimated gross value of which was over eleven million dollars in 1954) is a well known story.

We are acknowledged to have the best bacon hogs on the continent, our dairy cattle have made world records for production, our beef cattle have competed and won against the best, our success in sheep is gradually becoming more apparent, in dressed poultry we carry off the top prizes at the Royal Winter Fair and egg production is excellent. A new processing plant, which will operate with Government assistance, will require 3000 chickens a day. The Live Stock story is an impressive one and getting better as the years go by.

All these things have helped our farmers and strengthened the economy of the Province.

Some of the highlights of our hard-working, though unspectacular, Provincial Department of Agriculture, drawn from the annual report, are set forth here as a matter of public information.

EXTENSION SERVICES — In an effort to become intimate with problems facing farmers the Department of Agriculture in the last few years has increased the staff on extension work, has reorganized the work on a county basis, and has recently opened an office in Summerside. Specialists in the fields of horticulture, agricultural engineering, poultry, and field crops have been engaged to augment the services of the county representatives, and Women's Institute Branch.

Besides their regular field work, the staff carries on the important work of training and interesting boys and girls in farm life. This work, carried on through the National 4-H Club Movement, with a membership of over 1,600 boys and girls.

During the winter months up-to-date weekly information has been broadcast by the Deputy Minister, assisted by members of his staff.

Members of the Field Staff co-operate in organizing Farm Forum Groups. Substantial financial assistance is given this national farm organization.

EXHIBITIONS — The Department supports Fairs and Exhibitions. Generous financial assistance is given annually to eight or more Exhibitions within the Province, to the Maritime Winter Fair, and to the Royal Winter Fair. Freight assistance is also given to exhibitors at both Winter Fairs.

FARM LABOUR — The Department has provided farmers with labourers to assist in harvesting their various crops. Annually, for the past few years, several hundred workers were brought into the Province under this Policy.

FIELD CROPS — Limestone Freight Assistance has resulted in the widespread use of lime which has been responsible for the unflinching establishment of clover and alfalfa experienced by our farmers these last few years. Since the advent of chemical weed control this Department assisted farmers in the purchase of a 2-4-D the first practical method of destroying weeds in grain crops.

The Department has co-operated in the making and publishing of a Soil Survey of the Provinces. Assistance is also given in making soil analysis and general fertilizer recommendations for farmers requesting such information.

Through membership in the Maritime Fertilizer Council the Department of Agriculture ensures that only the most efficient chemical fertilizers for the various farm crops are made available to farmers.

As farmers become more aware of the value of clean seed of improved varieties of field crops, steps are being taken to keep abreast with this development. The Department is endeavoring to ensure a supply of seed of superior varieties of forage crops, and to make provisions for improved seed-cleaning facilities.

LIVESTOCK — The Department has assisted livestock breeders. The Sire Policy provides assistance to the extent of 50% of the purchase price of registered bulls, and the generous grants given annually to the Breed Association.

Assistance is given to Island farmers through the Swine Breeders' Association, and the Boar Bonus Policy.

The Department has encouraged sheep rearing by supporting the Sheep Breeders' Association, establishing the Ram Premium Policy, providing assistance for the control of sheep parasites, and reimbursing farmers who have had sheep killed by dogs.

The Stallion Premium Policy, which is shared jointly by the Federal and Provincial Departments, has been of considerable value to horse breeders.

POULTRY — The Poultry Policies of the Department of Agriculture have helped to greatly improve disease conditions and breeding qualities of Island poultry flocks. All chicks hatched in the Province are from pullorum-free R.O.P. sired approved flocks, and most of them are reared under acceptable brooding conditions.

THE DAIRY DIVISION — The work of the Dairy Division is one of constant vigilance. For the past 12 years, production of butter has been increasing in the Province, with an output of 6,125,000 pounds in 1954. Also, assistance must be given to managers in procuring the necessary equipment to carry on their work effectively.

Cheese factories, in the early spring, are inspected to determine their requirements for the coming season. During the manufacturing season, the milk supplied is inspected regularly for sediment, flavour, sourness and other defects, to keep the quality of cheese on a salable basis at least, and always trying to improve, if possible.

This Division also does check-testing work at the dairy manufacturing plants to see that the farmers are getting accurate tests on their milk and cream.

AGRICULTURAL ENGINEERING — The newly-founded Agricultural Engineering Services have been co-operating with both the Field Crops and Horticultural Divisions in helping them with the mechanical phases of their work in preparation for the coming season. The greatest demands to date have been in connection with Farm building plans and requests for Farm Surveys. Technical assistance is available to farmers upon request for drainage problems, surveys, renovation, rebuilding and primary design of all types of farm structures.

WOMEN'S INSTITUTE BRANCH — The Women's Institute Branch in the past year conducted sewing and craft classes in 16 centres, each class being of two-weeks duration. Demonstra-

tions and talks were given in 28 centres during the months of May and June and short courses for Branch and District officers were conducted in November and March. Two hundred and eighty-four meetings were attended and 302 calls made at rural homes regarding Women's Institute Work and 4-H Club work.

The 10 page "Institute News" was prepared bi-monthly and a total of 3,876 packages of information and program material was mailed to Women's Institutes. The Women's Section of the Provincial Exhibition was managed by the Women's Institute Branch and financed by the Department of Agriculture for the fifth time.

HORTICULTURE — The Department has financially assisted Horticulturists in the Province in a number of ways including the payment of freight on package bees imported from United States; grants to the Rural Beautification Society and the Summerside Flower Show; and payment of membership fees in the Canadian Horticultural Council and the Maritime Food Council. Each of the organizations just mentioned is making a very worthy contribution in the interest of promoting some or all phases of Horticulture. During the last year the services of a Horticulturist were engaged and since that time every effort has been made to assist those interested in growing horticultural crops. Junior Garden Clubs have been conducted in 13 centres throughout the Province. This spring the Department has published Protection Guides for tree fruits, small fruits and vegetables and also information on the culture of asparagus and strawberries, these publications being available to farmers free of charge.

VETERINARY SERVICES — Director — The administration of the Veterinary Service Policy — In 1954 the five practising veterinarians treated over 9,000 animals.

Provincial Veterinarian — The control and prevention of diseases amongst livestock and poultry throughout the Province. Services were extended to exhibitors at the various exhibitions, including the Provincial Exhibition and the Maritime Winter Fair. The preparation and editing of the Agricultural News Column, in which 140 feature articles and 87 news items were published during the year. Administering the Federal-Provincial Brucellosis Control Programme for protection against Bang's Disease. The Mastitis Control Programme, in which 1,770 milk samples were examined. The annual conducting of the Pullorum testing in chickens and turkeys — over 25,000 birds being tested. Numerous investigations in the various conditions on farms.

Provincial Animal Pathologist — During the year a total of 793 post-mortem examinations were conducted. Bacteriological examinations performed — 2,171 and many other serological and clinical tests were performed.

Provincial Agricultural Bacteriologist — Over 5,000 samples of butter were tested for yeast and mould determination. In addition, other tests were performed on butter, cream, buttermilk, etc., and numerous visits paid to creameries.

RADIO ADDRESSES

ON BEHALF OF THE LIBERAL ORGANIZATION

- May 19th—6:45 - 7:00 P.M. — Mrs. Benjamin Rogers, Vice-President of Provincial Liberal Women's Association.
- May 19th — 6:45 - 7:00 P.M. Mrs. Benjamin Rogers, Vice-Pres. of Provincial Liberal Women's Association.
- May 19th — 9:00 - 9:15 P.M.—Mr. P. R. McCormac, Past Vice-Pres. National Liberal Federation.
- May 20th—6:45 - 6:50 P.M.—Mr. J. M. McAlduff.
- May 20th—6:50 - 7:00 P.M.—Mr. Alex McIsaac, Liberal Candidate for 5th Queens.
- May 20th—7:30 - 7:45 P.M.—Mrs. E. Inman, President of the Provincial Liberal Women's Association.
- May 20th — 7:45 - 8:00 P.M.—Hon. Dougall MacKinnon, Minister of Public Works and Highways, and Member for Fourth Queens.
- May 20th—8:45 - 9:00 P.M.—Neil A. Matheson, M.P. for Queens.
- May 21st—7:30 - 7:45 P. M.—Hon. Keir Clark, Minister of Education and Member for Third Kings.
- May 21st — 8:00 - 8:15 P.M.—Hon. B. Earle MacDonald, Minister of Public Health and Welfare, and Member for Fifth Queens.
- May 21st—10:30 - 11:00 P.M.—Premier A. W. Matheson.

All Times Shown are Standard Time

Radio Station CFCY — 630 on your dial

KEEP GOING AHEAD—VOTE LIBERAL

Inserted by the P.E.I. Liberal Association.

Our Farmers appreciate all this and it will influence them to RE-ELECT Premier Alex W. Matheson and the Liberal Candidates on Wednesday, May 25th

Inserted by The Prince Edward Island Liberal Association.