THE BEACON, SATURDAY, SEPTEMBER 1, 1917

the nature of the waters of the Artic may best be prevented. Experiments sardines are again being innoculated with becoming too dear for this purpose and **ATLANTIC BIOLOGICAL** coast, and Denmark studied the Icelandic must be made with smoked, pickled and the bacteria and subjected to varying it may be that the use of mussels will shores. Unfortunately the work is at a standard it is increasing fish, but before doing so standard of standardill at present, as such international co-operation is impossible under warring conditions, quite apart from the fact that the fact that is increasing to the difference of the summer. To this end Dr. Burke is working this is shore the fact that is increasing to the difference of the summer. The such as the such as the difference of the summer. The such as the su STATION

IN much the same spirit that weary of souls retire to a religious retreat for the majority of these scientists have summer on fresh fish. He disinfects his bacteria is of a more general nature. mussels can obtain sufficient nourishment. been actually drawn into the war. The investigations made by Dr. Mc. development of bacteria, which reduces ring district is visited and samples are way, and Miss Mossop emphasizes the meditation, uninterrupted study and com- been actually drawn into the war. The investigations made by Dr. Mc-flock from far and near to the Atlantic flock from far and near to the flock flock from flock f

it empties into Passamaquody Bay, the little settlement clusters together half hidden among the trees. The Biological Station, which is under the jurisdiction of the Department of Marine and Fisheries at Ottawa, was built some eight or nine years ago. At first the research work was carried on in a houseboat that was moved from place to place, Malpeque, Gaspé Bay, and other first in the Gulf of St. Andrews synthe sea. Some station at St. Andrews synthe sea. Some station at St. Andrews synthe sea. Some twelve or fifteen Canadian scientists mostly professors or teachers from un-fic probleme connected with the fisheries. The greater part of the work is carried the part of the work is carried. The work of at the assessible for the migration for st. Andrews synthe sea. Some the operation and that these results will prove to have a direct bearing on the migration for st. Andrews synthe sea. Some the part of the work is carried. The work of the search work was carried on pro-station at St. Andrews synthe sea. The greater part of the work is carried. The work of at the search muter that the rest at the search muter that the rest at the search and that these results of the search in another the prodominates, and also that these results will prove to have a direct bearing on the migration of than. The work of the work is carried. The work of the search and doject of the experi-tion the sheel and eggs of lobetter. The sheel and description carried on by Mr. The investigations carried on by Mr. The investigations carried on by Mr. The investigations carried on the search showing of that th

The greater part of the work is carried of nsh. on during the summer holidays, but it is The work of Miss Clara Fritz of McGill on during the summer holidays, but it is rare that these devotees of the cause of science do not depart in the autumn laden with many specimens and resolutions for being made by Dr. McMurrich. Miss Fritz is enzaged in classifying the diatoms

with many specimens and resolutions for continuing their studies throughout the winter. Most of the work is done gratis, except for actual expenses which are defrayed by the Government. Dr. A. G. Huntsman, of the University of Toronto, the permanent curator of the med here. She goes on to determine of Toronto, the permanent curator of the station, is conducting an expedition to investigate the fisheries in the Gulf of st. Lawrence, and in his absence Dr. J. W. Mavor, professor of zoology at Union Gollege, Schenectedy, is in charge, An investigation into the fluctuations of the fisheries was commenced some fisheries was commenced some for the sea. Her results promise to be of unusual scientific interest as these different species and be of unusual scientific interest as these diatoms form one of the main sources of the station of the of unusual scientific interest as these diatoms form one of the main sources of the station with regard to day. Petitions for his results the muscle has the provided the conditions and causes in which ware they are most prevaint the main sources of the source o

and in which years a scarcity of fish.

year, and the object of this branch of the diatoms form one of the main sources of work is to ascertain whether there is a nutriment of the fish.

the micro-organisms involved. This summer his work lies in studying also studying the rings on the shells to months' of a two and a half year term. continuous decrease of fish in Canadian waters, or a decrease for a few years der Vachon, of Laval University, Quebec, ering where the bacteria which cause this object of her studies is to find out whether penitentiary received a wire from the collowed by a corresponding increase. is also basic in character, designed to swelling come from and how they may be these shellfish occur in sufficiently large In the same way that a statistician form a foundation for further experi- avoided. He is now concentrating his quantities to make them of commercial

ing him to release Thomas Kelly. studies the population of a country, not-ing the age of the inhabitants, Dr. Mavor of fish. Dr. Vachon is determining the ed at the factories. The sardines, after industry would be a profitable investment. Prendergast to two and a half years in the nity of the water in Passam is studying the population of fish, investi- | S

the micro-organisms involved.

Our Store is Remarkably Free From Flies.

Does This Mean Anything To You?

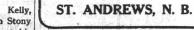
H. J. Burton & Co. Groceries, Fruits, Bread,

Summer Drinks.

H. O'NEILL UP-TO-DATE MARKET

KELLY HAS BEEN RELEASED

Ottawa, Aug 24.-It is understood that the order for the release from the Mani The work of the station with regard to toba Penitentiary of Thomas Kelly, the Dealer in Meats. Groceries. Provisions, Vegetables, Fruits, Etc.





WISE AND I **ECONON** W E are hearing a lot word is a fairly familia practice of the thing it known. And yet, as a n we have pared the pota unsparing a knife—at leas days before potatoes beca other precious things d ground, gold and rubies and we have used butte spoon to shorten dishe themselves have been " out loss to the menu. new clothes when the have been made to look the new, and we have more material in our sh more leather in our shoe lutely necessary. I paper suggests editorially s-whoever could enough to pose as suchthe fashions, because " pockets that have feature this year and the high t footwear not only repre-millions of dollars, but use of material that is s war purposes." O Statis generalities are quoted The queer thing about th it is that, as every wor have to pay almost as mu pumps as you do for boo quality. In my own ex paid exactly the same sur quite high uppers and for upper part at all. But needed for the army, I a perfectly willing to have abbreviated. I do not i or pique pockets would out much, and anyhow th as not contrived out of o material left in the cuttin part of the costume. I woollen goods are at a "volumiuous" pockets pensed with in our fall fashion designers say. foronto contemporary now compute how many lars might be saved by futile belts from the coat

young men devotees of w

is called the " pinched ba

how many thousands of

good material might be th

war purposes. It is fu men are to see the mote

eye without being conscio in their own organ of sig But to get back to our

onry. It would be into some of the popular

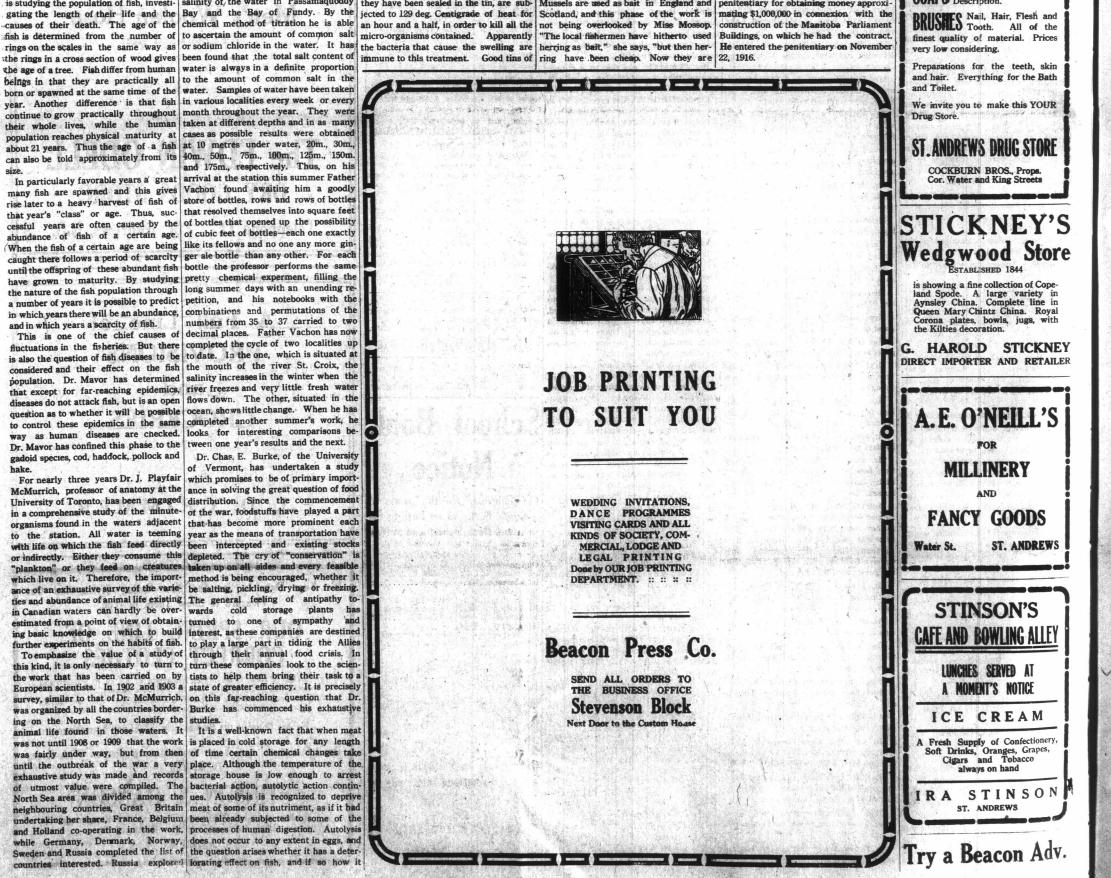
"economy." Some app

doing without things in

money; others, as buying

cheap in price ; others, a

you have on hand bef



thing more, and so on. nomical expedidient I once heard a parent of spring to "eat up all on leave anything to be things simply to keep t wasted is not exactly cost of living has tended too-full plate, but it disappeaaed yet. Often the family takes anoth another piece of bread there is one left on the sure, we make a point of overs, when there are course, is quite the ri provided the left-over c again without the additi pensive ingredients. recall with amusement nagazines' recipes for stale bread, for exampl ding, " adding six eggs, i half a pound of raisins citron, etc." On the oth economist sometimes chief object of food rishment and bulk a but in attaining the latt expense the power may being somewhat overlool good deal about "su meat-less, or egg-less, it is well to remember has too many ingredie ncoction is likely to less dish, in point of n careful study of food va tions is necessary to a the substitution of less instead of the high pric is less difficult in the nature has provided veg and variety, and the pro garden or the successf vacant lot is fortunate. Some household food to proceed on the "feas They cut down on the b lessly for several meals appetite rebels and ca thout a meal whose ' than balances what w the meagreness of the and that without such a better economy to pro-of a nourishing kind a guarding against waste watching the markets s reference to season, su