

# Conservation

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## U.S. Firms Control Canadian Fisheries

**Dominate Lake Fisheries Because Chief Market Has Been in U.S.**

The greater portion of the Canadian lake-fishing business is controlled by United States firms, and this is due to the fact that more than 90 per cent of the total output finds its market in the United States.

On our Great Lakes, a very large fishing industry is carried on, not only during the summer and autumn months, but also in mid-winter, when the fish are taken through the ice, and, owing to climatic conditions, can be transported long distances without requiring expensive methods of refrigeration. They are frozen naturally as soon as taken from the water and are shipped to various centres in the United States, especially in the Western states, although there is a growing demand for Canadian lake fish in Eastern markets also.

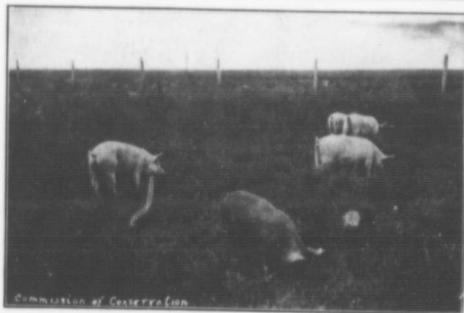
—From 'Fish, Birds and Game,' published by the Commission of Conservation.

## Aim to Produce Pork More Economically

**Greater Use of Pasturage for Hogs Would Lower Production Cost of Pork**

Many farmers could produce pork more economically than they are now doing. Instead of selling off the last bacon hog this autumn, the Canadian farmer should keep one or two of the best young sows for breeding. It will cost but little to winter them; in fact, they are best kept in thrifty condition when not too fat. Next spring, arrangements should be made to have an out-door run for the pigs during the summer. A small field of clover, or an acre or two sown to rape or oats and vetches would be an excellent and economical place to raise the pigs. The green feed, supplemented by a little grain, and plenty of clean water will produce thrifty pigs and grow them cheaply to a size ready for quick finishing with a heavier grain ration in the autumn.

(One prominent writer in the



PIG IN CLOVER: THE BEST WAY TO PRODUCE CHEAP PORK (C.M. 10)

United States goes so far as to say that the supply of fats will be the deciding factor in the war. Certainly it is essential that immediate steps be taken to increase the production of pork in Canada. Some farmers seem to be prejudiced against those who are urging and working for increased production. The present, however, is a serious time, and petty prejudices should be utterly forgotten in one great effort to win the war. Only the farmer can do much to actually increase the supply of bacon. He has a great field for service in this matter, and a rare opportunity to supply, with profit to himself, what is greatly needed.

—F.C.N.

## Hand-Loggers Waste Br. Columbia Timber

**Estimated That 40 Per Cent of Timber is Wasted by Hand-Loggers Licensed by Government**

The indiscriminate cutting of convenient shore timber by hand-loggers in British Columbia results in the injury of many good logging sites; for, as the hand-loggers are not allowed to use steam power, they fail to get to the water a large proportion of the trees they cut down. It is estimated that at least 40 per cent of the trees cut by hand-loggers are wasted in this way. Since these workings are nearly always situated at the foot

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## How to Economize On Flour in Bread

**Many Other Cereals Can Be Used to Dilute Wheat Flour**

The familiar 'war bread' means bread prepared by combining a minimum amount of wheat flour with other materials for bread making. Since, in the process of manufacturing patent flour, about three-fourths of the mineral salt is lost, it is evident that, by milling a larger percentage of the wheat, the food value as well as the positive amount of bread-making material would be greatly increased. This added mineral matter may become a vital factor in making up the diet of children.

The manufacture of old-time graham flour, or wheat meal, which is simply the entire grain cleaned and ground, has been almost entirely abandoned, no doubt because of its perishability. Due to its bran and mineral salt content, flour of this type possesses laxative properties, which are often desirable, although the protein of the coarser flours may not be so completely absorbed. Much of the graham flour on the market at present is merely white flour to which bran has been added.

Some of the materials which may be substituted for wheat flour are: cornmeal, buckwheat flour, soybean meal and potato flour. Cornmeal may be used in the proportion of

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## Flotation Case of National Interest

**Chairman of Commission of Conservation Says It Should Be Settled Promptly and on Broad Basis**

A company, known as the Minerals Separation Company, claims to be entitled to all the rights to the important method of concentrating ore known as the flotation process. Undoubtedly, this process can be used much more extensively in Canada with great profit. It is said that the company is making exorbitant and unreasonable demands with respect to the use of the process, and within the last few months an acute situation has arisen.

Apart from the legal and financial questions, under present circumstances the claims which are being made undoubtedly tend to interfere with production of essential minerals, and, therefore, are a detriment to our operations in connection with the war. It is not my province to express an opinion in regard to the merits of the dispute which has arisen or the suggestion that the Minerals Separation Company has alien enemy affiliation, but I have no hesitation in saying that the whole case is one which demands prompt and careful examination by competent and unprejudiced authority on behalf of the Government in order that the situation may be satisfactorily cleared up. I am told that the Canadian patents of the Minerals Separation Company are all granted under Section 44 of the Patent Act. An examination of this clause makes it quite clear that it, in connection with Section 52, gives the Government quite sufficient authority to take any action which may be determined to be at once just and in the public interest.

When the question is dealt with it should not be dealt with simply from the standpoint of the Cobalt mines. The question should be definitely settled in its application to the whole of Canada, so that the mining industry will know exactly where it stands with regard to this most important matter.

—Sir Clifford Sifton.

Public health means your health.