

Oct. 24th, 1917

R.V. Winch, Esq.,

Vancouver,

B.C.

Dear Sir:-

Dog Fish

Replying to your favor of the 22nd instant as to information given out by the American Government as to the value of this fish as food, how it is canned, and the processes adopted, I would advise as follows.

The United States Government chemical investigations show that a can of Grayfish provides about the same amount of nutriment as a can of medium grade salmon, containing a little less protein and over 11% fat, which is a little more than medium grade salmon contains. About 96% of the fats are digested, this being in about the same proportions as those of other animal foods, while the incomplete analysis made shows that digested proteins will at least exceed 90%.

Dog-fish is entirely free of <sup>uric</sup> ~~xxxxxxx~~ acid, traces of which are found in most other fishes and which run as high as 3% in chickens, ducks and geese.

The general method adopted so far is to pack dog-



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fish in 1# tall cans, using methods similar to those used in canned salmon. Personally, I think a drying process should be employed before the tin is sealed as otherwise the can would contain too much liquid and the fiber of the meat would be, in consequence, somewhat softened.

Besides processing in this style, dog-fish have been kippered and then canned: packed in tomato sauce: while some have also been put up in cotton-seed or olive oil. The plain canned process, however, is the method principally used.

The Canadian Government have not as yet made any investigations, and say that the only information they have on the subject is what has been given them by the United States authorities.

Messrs Gorton, Pew, Fisheries Co., Gloucester, Mass., have been the principal packers of dog-fish on the Atlantic Coast, while the San Juan Canning Co., Friday Harbor, have also put up some on the Pacific Coast. Both of these have been packed in accordance with the recommendations of the American Government. Gosse, Millard Packing Co. were also prepared to pack 2000 at their Bella Bella cannery this season, but I have not yet been advised as to the actual quantity they secured.

Yours truly,

HD/N