

TECHNOLOGICAL RESEARCH IN SERVICE LABORATORIES

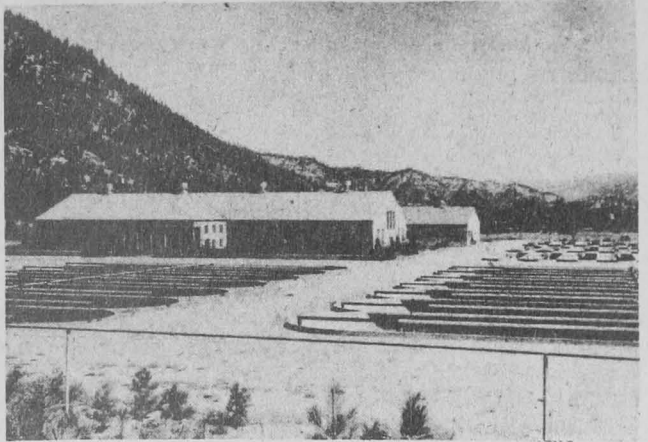
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Seattle, Wash.

Six sea lampreys, now a numerous and predatory fish in the Great Lakes, were analyzed for oil and vitamin A content. Both the oil and vitamin A contents were so low that processing the fish for these products is not feasible.

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Preliminary digestion by acid or alkali of livers containing little oil and vitamin A, did not increase the yield of either in subsequent extraction with solvents. This work was part of the project to develop better methods of analyses for different types of livers.



LEAVENWORTH HATCHERY
SHOWING BUILDINGS AND FISH PONDS

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A staff member just completed a 6-week trip to the Middle West and the East during which he contacted many pharmaceutical houses, specialty chemical factories, and research laboratories. Much information was obtained on possible needs for products which may be derived from salmon cannery wastes.

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Feeding tests with fish were begun at the Leavenworth, Washington, hatchery using products made from salmon cannery wastes.



Boston, Mass.

A summary of research data was compiled on the bacterial population of brining tanks in filleting plants. A meeting will be held in the near future with interested members of industry to discuss the results.



College Park, Md.

Work was begun on a fibreboard container for possible use in shipping frozen foods on unrefrigerated carriers.

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Experimental packs of canned crab meat cakes and gumbo were prepared.

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Further tests were conducted on the antibiotic activity of several extracts made from fishery products.

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A series of canned spreads satisfactory for sandwich spreads were made from fishery products.



Ketchikan, Alaska

An Alaska seafood buffet, consisting of canned or frozen samples of fishery products prepared in the laboratory, was served to determine consumer acceptability, storage qualities, and canning characteristics of the new products.

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Final testing of the canning characteristics of salmon cannery trimmings was started.

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An exhibit, lecture, and demonstration on the home canning of halibut fillets was conducted for 27 members of the Home Makers Club.

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Equipment was procured and the collection of waste was begun for use in the study of the utilization of salmon cannery waste.



CURTAILED TECHNOLOGICAL PROGRAM

The Service regrets the loss of a number of its competent and loyal war service and temporary employees from its Washington staff and field laboratories because of a 44 percent cut in appropriations for the current fiscal year. It wishes to express its appreciation for the character of the work they have accomplished while with the Service. Their ability and the importance of their work has been demonstrated by the immediate placements secured by those terminated.

Technological activities will be practically terminated at Mayaguez, and considerably curtailed at the Boston, Ketchikan, College Park, and Seattle laboratories. Use of the four mobile laboratories will likewise be severely restricted.