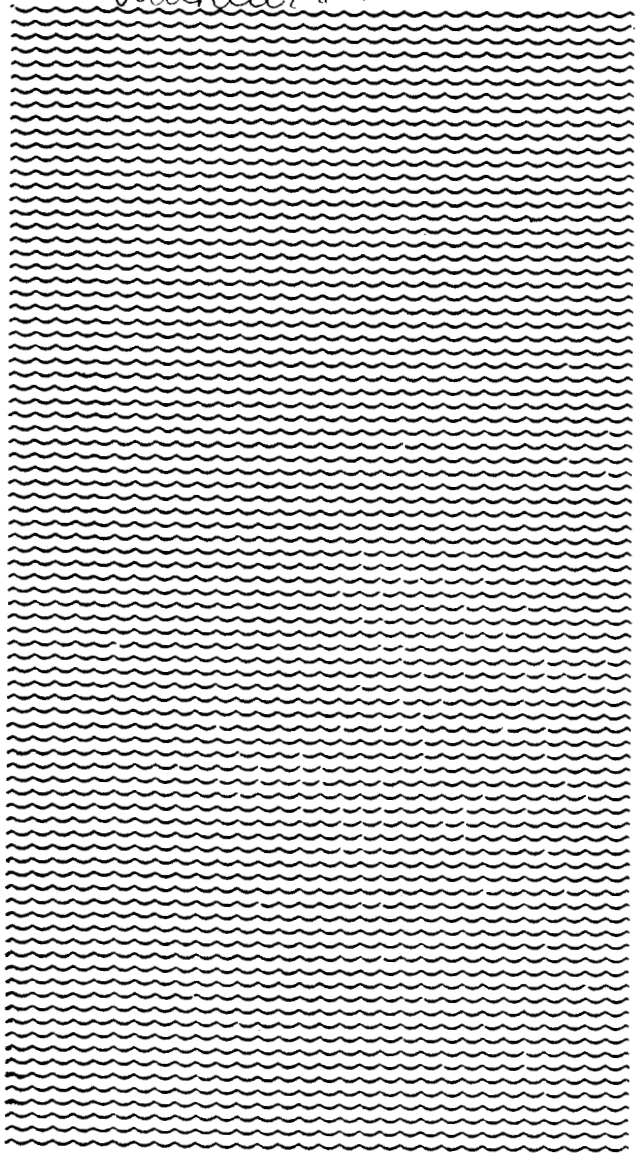
A STUDY OF SEAFOOD IN PEOPLE'S DIETS

Volunteer # 1



It is not easy to estimate how much of a particular kind of food one eats on the average. A method we have found useful is to estimate the number of meals eaten in a year, and then to select from a series of photographs the picture that most closely resembles the amount usually eaten per meal. This is the way we will survey seafood consumption in this community.

You are invited to assist with a scientific study of seafood consumption. The people in this area were selected to participate in this investigation because you live near an important seafood production site and many people here eat and enjoy seafood as part of their normal diet. We recognize that everybody has his own diet habits, differing from everyone else. We have to obtain information from enough people to give true average consumption data. This means that we are interested in obtaining information from all kinds of people, including those who normally eat very little seafood or even none at all!

This investigation is being conducted by Battelle-Northwest Laboratories for the U.S. Atomic Energy Commission. It is part of a research program that has been underway for a number of years to investigate the movement of trace amounts of radioactivity through various food pathways to man. The Hanford Plant, located on the Columbia River near Richland, Washington, discharges small amounts of radioactivity into the river during the course of normal operation. The river transports some of this radioactivity as far as the sea, where it mixes with seawater and is absorbed by some of the shellfish and other seafood. By this means, some of the radioactivity enters people's bodies and, even though the amount is very small, it can be detected and measured by super-sensitive electronic instruments. State health employees have sampled and analyzed seafood for this radioactivity (mainly a radioisotope of zinc) for a number of years and have determined the concentration to be far below that consistent with the intake limits established by national and international authorities.

The study we are performing now is to measure this radioactivity in the bodies of people living near the sea and to establish the relationship between seafood consumption and the measurements. You are invited to contribute to this study by completing the following questionnaire and bringing it with you to the AEC "Whole Body Counter" for measurement. At the counter, which is in a large truck, you lie for 10 minutes on a sort of cot that travels slowly under a detection instrument.

Students will need to obtain their parent's signature before coming to the truck.

J. F. HONSTEAD — MARCH 1970

Your Nam DELETED Telephone Number _____

Address DELETED Twin Rocks oregon

Occupation _____

Birthdate DELETED . Sex: ____ Male ✓ Female

How long have you lived in this community? 3 years

FOR STUDENTS:

I consent to have the above named student participate in the study of seafood in people's diets as described above.

Signed _____

Parent or Guardian

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Estimates of how much seafood produced in this area I eat in a year:

	ABOUT HOW MANY TIMES A YEAR?	ABOUT HOW MUCH IS EATEN EACH TIME?	
Oysters			
Fresh (uncooked)			(No. of oysters)
Stew			(Serving size from Fig. 8)
Fried			(Serving size from Fig. 1)
Other			(Chose a picture that fits)
Clams & Mussels			
Steamed or fresh		~~8-D~~	(Serving size from Fig. 7)
Chowder	6	8-D	(Serving size from Fig. 8)
Fried (or patties)			(Serving size from Fig. 1)
Other			(Chose a picture that fits)
Crab			
Cracked whole			(Serving size from Fig. 2)
Crabmeat (in Louis',etc.)	5	3-D	(Serving size from Fig. 3)
Sandwich			(Serving size from Fig. 5)
Cocktail			(Serving size from Fig. 6)
Other			(Chose a picture that fits)
Shrimp			
Shelled (in Louis', etc.)	4	3C	(Serving size from Fig. 3)
Cocktail			(Serving size from Fig. 6)
Fried	3	C	(Serving size from Fig. 4)
Other			(Chose a picture that fits)

Do you sometimes collect seafood for your own use? _____ YES ✓ NO

What kinds have you obtained in this way during the past year?

_____

_____

_____

_____

_____

How much of the seafood you eat is collected by other than a commercial fishery?

(Please check appropriate box)

All ☐

Most ☐

Less than half ☐

Very Little ☐

None ☐

Other Comments:

_____

_____

_____

_____

_____

_____

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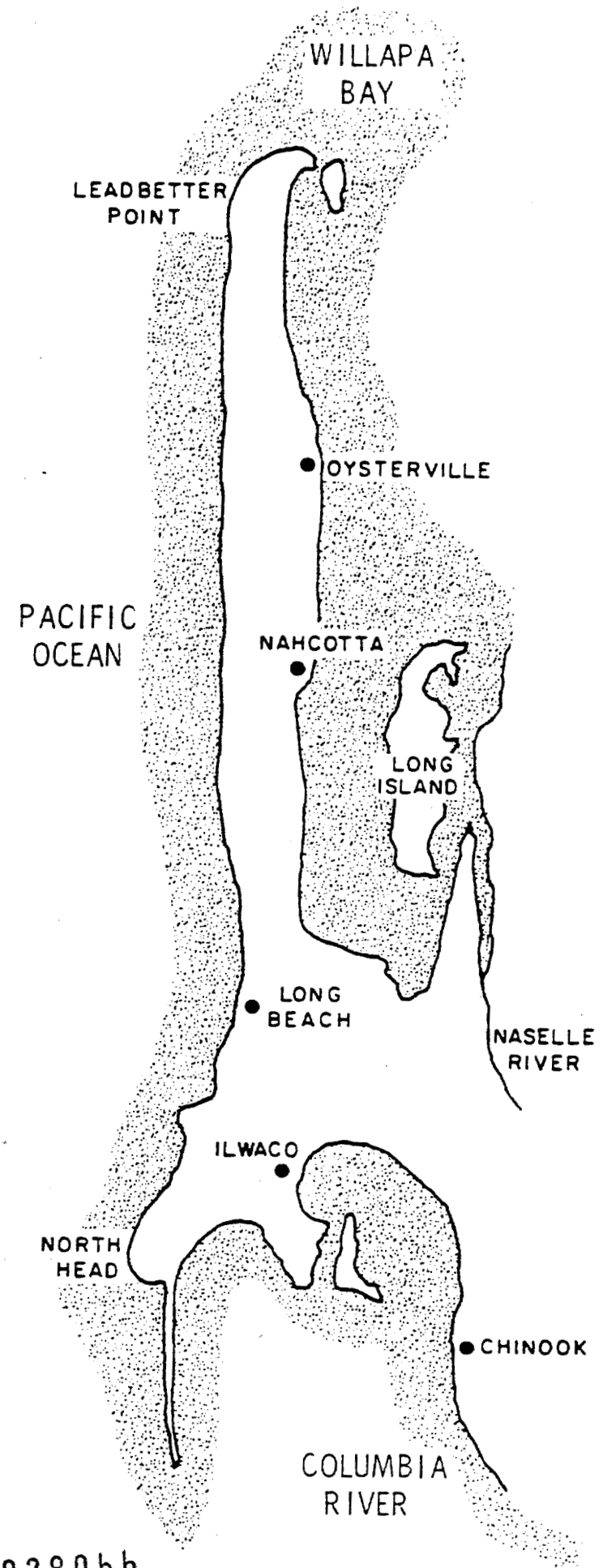

FIGURE 9

LOCATIONS WHERE SEAFOOD WAS OBTAINED

(1) CLAMS - MOST FREQUENTLY OBTAINED

(2) CLAMS - ALSO OBTAINED

△1 CRAB - MOST FREQUENTLY OBTAINED

△2 CRAB - ALSO OBTAINED

[1] SHRIMP - MOST FREQUENTLY OBTAINED

[2] SHRIMP - ALSO OBTAINED

* MUSSELS COLLECTED

INSTRUCTIONS:

Please mark legible symbols in those locations where you know your family' seafood is obtained. Use numbers 1 and 2 to indicate most frequent and other locations. Do not include foods from commercial markets.

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