Size Rather Than Age Of Fish Influences Migration, Study Of Umpqua Spawn Indicates

An interesting study of downstream migration of Umpquagist, in charge of the Umpqua river study.

spots along the main river and tributaries, Newcomb said, and Fish are being seined at intervals of two weeks from designated are being studied for rate of migration, growth, feeding habits, etc.

are being studied for rate of migra
Recent operations, he said, have
disclosed a large number of chinook salmon about six inches in
length and growing rapidly. Also
congregating are silverside and
steelhead minnows.

Little movement has been noted
in the past few weeks. Few migrants have been found below
Umpqua.

Preliminary studies, Newcomb
states, indicate a relationship between size and migration rather
than age and migration. It has
been presumed that when fish
reached a certain age they started

Substitute For Tax On Personal **Property Talked**

PORTLAND, - (A) -A proposal to replace the state per-sonal property tax with a levy on net business earnings was discussed here by the Legislative Interim Tax committee.

Farmers, professional men and businesses would be included under the earnings tax. Committeemen indicated it might raise or lower the taxes of some groups.

State Rep. Glies French tossed the plan before the committee. He said it would raise about the same amount of money but would simplify the tax structure

same amount of money but would simplify the tax structure for the average person. He complained the present personal property tax required a "five-year study course" to understand because of the many exemptions. French spoke of a 2 percent levy on net earnings as a working figure, but added "it wouldn't need to be higher than 2 percent and might be lower."

His plan would return a share of the revenue to the counties to offset present collections from county personal property levies. C. C. Chapman, editor of the Oregon Voter and a speaker before the committee, said farmers and professional people likely would pay more taxes un der such a plan. He said "lawyers have little personal property except their law libraries. A net income from such sources."

Committee members indicated some farmers may pay less. These would be those with large machinery investments on which they pay personal property taxes. Poultry raisers, however, might pay more. They buy eggs in the spring and sell the birds in the fall and pay comparatively low personal property taxes compared to other farmers.

low personal property taxes com pared to other farmers.

to migrate. But Newcomb says there is some reason to believe that size is a more important factor in migration than age. Further studies will be made in connection with this theory. Seinings to date indicate, Newcomb said that the larger fish have moved further downstream than have smaller fish of the same age. Migration Still Slow

Due to water and weather conditions, fish apparently have not been moving to any great extent in recent weeks. Continued studies are expected to reveal the time and rate of migration and the affect of water and weather conditions and numerous other factors.

Information gained in these studies will be used in river management to promote the largest possible percentage of migration of small fish to sait water. Migratory habits, as an example, have an important bearing on the eightinch trout limit in coastal waters, a much disputed regulation originally impossed to permit escapement of seaward migrants during the late spring and early summer.

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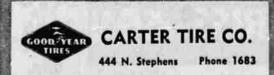
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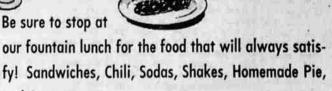
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