

MENDOCINO

GR



PUDDING CREEK
Mendocino County

June 10, 1954

FIELD NOTES

Station #1 - located 7.1 miles east of the Piedmont Hotel, cor. Oak Street and Hwy. #1, Ft. Bragg, T. 19 N., R. 17 W., Sec. 25. This 200' section is from 6' - 15' wide and from 4" to 3.5' deep, with two pools and several wide, shallow riffles. Flow was estimated at 2 - 3 c.f.s. Water was slightly milky and the conductivity excellent. At 3 p.m., the air temperature was 54° F. and the water temperature 56° F. Electro-shocking by DC current gave the following results:

RT - SH - Under 3" - 230
Over 3" - 17
Range 1.25" - 6"

Silver Salmon 271
Range 1.5" - 3.75"

Sticklebacks - 30 - up to 3" long

Lamprey ammocoetes and salamanders were abundant, but no crayfish were discovered.

Station #2 - located above and below the Pudding Creek dam near the mouth, T. 18 N., R. 17 W., Sec. 6, For convenience, this station has been divided into three areas.

Area A - Brackish water immediately below the fish ladder on the dam. Conductivity so high motor was stalled. Could operate only when electrodes were about 50' apart and only partially submerged. Water was dark but clear to a depth of about 3'. At 6 p.m. the air temperature was 58° F and the water temperature 65° F. Results: Cottids - 21 - Up to 8"
Sticklebacks - 1

Area B This was in the ladder pools. Only 2 silver salmon, 4.25" and 2.75" long were taken.

Area C This area was in the dam proper immediately above the ladder and adjacent wall of the dam. Innumerable sticklebacks about 1/2" long were taken, as well as 1 cottid. Small shrimp from 1/2" to 1 1/2" were extremely abundant. Electro-sampling in the still water was relatively poor and probably did not truly disclose the population. Water was 58° F and the air 62 F at 6 p.m.

HLP:fo

