

3743

NAME OF STREAM May Creek, Humboldt County
BARRIERS & DIVERSIONS A cold deck of huge redwood log, owned by the Arcata Redwood Company completely blocks the upstream migration of fish. Much logging debris above and below this cold deck also is clogging the stream.

FOOD

Plecoptera, Coleoptera samples found in good numbers.

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station	<u>Mouth</u>	<u>1 mi. fr. mouth</u>	<u>2 mi. up</u>
Width	<u>4'</u>	<u>3 to 4 ft.</u>	<u>4 ft.</u>
Depth	<u>3'</u>	<u>4 to 8"</u>	<u>6"</u>
Bottom	<u>Silt</u>	<u>Gravel</u>	<u>Gravel</u>
Spawn. Area	<u>None</u>	<u>Extensive</u>	<u>Extensive</u>
Flow	<u>8 cfs</u>	<u>6 cfs</u>	<u>4 cfs</u>
Velocity	<u>T C (R) S</u>	<u>T C (R) S</u>	<u>T C (R) S</u>
Stream Condition	<u>Good</u>	<u>Clear</u>	<u>Clear</u>
Water Temp.	<u>45° F</u>	<u>45° F</u>	<u>45° F</u>
Air Temp.	<u>44° F</u>	<u>44° F</u>	<u>44° F</u>
Time and Date	<u>1/8/52-1P</u>	<u>1/8/52-2P</u>	<u>1/8/52-3P</u>
Weather	<u>Cloudy</u>	<u>Cloudy</u>	<u>Cloudy</u>
Altitude			

STATIONS	STATION DATA		
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	<u>T C R S</u>	<u>T C R S</u>	<u>T C R S</u>
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM May Creek, Humboldt County

FISH PRESENT: Species SS, CT, SH (?)

Size 2 adult SS around 30" noted 1/8/52

Abundance

Success

Condition

Nat. Propagation Excellent

Other Remarks Two small salmonids were seen (est. 3 1/2 inches long) one above, and one below the cold deck barrier. They were thought to be CT. Numerous attempts with a small hand seine took no fish anywhere along the stream. On Sep 14, 1951 several CT around 3" long were collected with an electrical shocker near the U.S. 101 bridge.

FISHING INTENSITY: Light

ACCESSIBILITY & REMARKS ON ROUTE (Road or Trail, Mileage & Time)

U.S. Highway 101 crosses the creek approximately 100 yds below the S. boundary of Prairie Creek State park. The Private road of the Arcata Redwood Company leads upstream. The creek is approximately 2 miles N. of the Prairie Cr. Fish Hatchery. Enters Prairie Cr. est. 250 yds. below 101 bridge.
ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)
No aquatic plants noticed. Mild winter conditions, due to porous soil and heavy vegetation. Unpolluted except for logging debris, many springs along stream, Arcata Redwood Co. owns much of watershed and have it posted, has not been stocked in the past. Stream flows the year around. Calif. Div. of Forestry N 1/2 Humboldt Co., 1949 map shows stream accurately.

CDFG
Eureka File

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Calif. Div. of Fish & Game

Field Form

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

An excellent tributary to Prairie Creek.Suitable for use by CT, SS, and SH. Even after heavy rains, the creek remains clear.The cold deck and logging debris are estimatedto cut off at least two thirds of the stream otherwise available to anadromous fishes. Themajority of the stream, except for the poolsections and area damaged by logging, has agravel bottom ideal for salmonid spawning. Themild winter conditions should make for extreme-ly successful hatching of eggs.Management recommended is to have cold deckremoved, and logging debris cleared up.

STREAM SURVEY

NAME OF STREAM May Creek CO. HumboldtDATE 1/8/52 EXTENT OBSER. Walked out stream from mouth to a point approximately 2 - 2½ mi. upstream.TRIB. TO Prairie CreekRELATION TO OTHER WATERS E. side of Prairie Creek- to Redwood Creek to Pacific Ocean.

WATERSHED & IMMED. DRAINAGE BASIN (Type: Terrain; Soil; Cultivation; Vegetation; Shade)

Heavy Redwood forest, loose porous soil, uncultivated, extremely well shaded except for logged off area. Principle vegetative types are redwood, sword fern, thimbleberry, salal, fir.WIDTH 3 to 5 feetDEPTH 4 to 12 inches . Some pools up to four feet deep.FLOW Estimated at 8 cfs 1/8/52VELOCITY Avg. 2 ft. per second

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

Predominantly a gravel bottom.SPAWNING AREAS Extensive. Except for the pool area and where logging debris has accumulated, the entire stream examined appears ideal for spawning use by CT, SS, and SH doubtful about KS.POOLS Numerous- 2 to 4 feet deep. Covered with shade. Many pools caused by naturally fallen huge redwood trees.SHELTER Excellent due to overhanging banks and vegetative growth.NAME OF SURVEYOR Bailey & Mongold