

THE RESOURCES AGENCY OF CALIFORNIA
Department Of Fish And Game

STREAM SURVEY

Date: July 19, 1973

NAME: ROBINSON CREEK COUNTY: Mendocino
 STREAM SECTION: Partial FROM: Mouth TO: Upper Fisheries Limit LENGTH: 5 miles
 TRIBUTARY TO: Russian River TWP: 14N R: 12 W SEC: 4
 OTHER NAMES: None RIVER SYSTEM: Russian River
 SOURCES OF DATA: Personal observations

EXTENT OF OBSERVATION Include: Name of Surveyor, Date, Etc. LOCATION RELATION TO OTHER WATERS GENERAL DESCRIPTION Watershed Immediate Drainage Basin Altitude (Range) Gradient Width Depth Flow (Range) Velocity Bottom Spawning Areas Pools Shelter Barriers Diversions Temperatures Food Aquatic Plants Winter Conditions Pollution Springs FISHES PRESENT AND SUCCESS OTHER VERTEBRATES FISHING INTENSITY OTHER RECREATIONAL USE ACCESSIBILITY OWNERSHIP POSTED OR OPEN IMPROVEMENTS PAST STOCKING GENERAL ESTIMATE RECOMMENDED MANAGEMENT SKETCH MAP REFERENCES AND MAPS

EXTENT OF OBSERVATION - Robinson Creek was surveyed on foot and by vehicle on July 17, 1973 from its confluence with the Russian River to the mouth of the South Branch by B. Finlayson and J. Nelson.

LOCATION - Robinson Creek enters the Russian River 3/4 of a mile downstream of the U.S. Highway 101 bridge, located 2 1/2 miles south of Ukiah.

RELATION TO OTHER WATERS - Robinson Creek is a small but important steelhead tributary to the Russian River and contributed winter flows to the river.

GENERAL DESCRIPTION -

Watershed and Immediate Drainage Basin - Robinson Creek drains a basin of about 22 square miles of varying terrain, ranging from oak-grasslands to second growth redwood. The creek is divided into 4 sections: (1) the upper four miles and its tributaries which are dry; (2) the point where summer flows start (see attached map) which are shallow and without shade for 1 1/2 miles downstream; (3) a middle area characterized by deep pools, shade and undercut banks, and (4) the lower section with large numbers of roach and suckers including two miles of stream where the creek again goes dry. The creek flows through a U-shaped canyon.

Altitude - At mouth: 569 ft. At upper fisheries limit: 879 ft.

Gradient - 60 ft./mile.

Width - Range: 4 ft. to 15 ft. Average 5 ft.

Depth - Range: One-half inch to 4 feet. Average: 6 inches.

Flow - 2 cfs in lower section.

Velocity - Moderately rapid.

Bottom - Near the headwaters, the bottom consisted of large rocks and silt, changing to gravel and sand in the lower section.

Spawning Areas - Estimated 70% in section one; 10% in section two; 25% in section three and 20% in section four.

Pools - Section 1, dry. Section 2 has about 75% deep pools 6 ft. or more; Section 3 has about 30% pools of 4 ft. or more; Section 4 has about 10% pools of 1.5 ft. or more.

Shelter - Sections 2 and 3 have undercut banks and boulders.

Barriers - One dam 4 ft. high, passable by fish during higher flows at Station 1.

Diversions - One noted 100 feet below Boonville Road bridge with a 4-inch pipe and fish screen.

Temperatures	Station Data	Sta. 1.	Sta. 2.	Sta. 3	Sta. 4.
Air Temp. (°F)		80	78	79	82
Water Temp. (°F)		74	74	74	82
Altitude (ft.)		379	800	750	624
Weather		Clear	Clear	Clear	Clear
Flow (CFS)		<0.1	2.0	2.2	1.8
Time		1130	1300	1330	1400
Location		4 mi.	3 mi.	2 mi.	1.5 mi.
		from mouth	from mouth	from mouth	from mouth

Food - Coeloptera, diptera, Odonata and hemiptera nymphs.

Aquatic Plants - Algae present.

Winter Conditions - Estimated 2-10 feet above summer level.

Pollution - Livestock grazing.

Springs - None noted.

FISHES PRESENT AND SUCCESS - Sections with water contain sucker, roach and steelhead trout. Steelhead sizes 1 - 2 inches; abundance, 25/100 feet of stream in Section 2; 100/100 feet of stream Section 3; not observed in Section 4, Roach and sucker abundant in Section 4, and also found throughout the stream.

OTHER VERTEBRATES - Frogs and snakes.

FISHING INTENSITY AND OTHER RECREATIONAL USES - Unknown.

ACCESSIBILITY - Access to Robinson Creek Road via Boonville Road, 2 miles southwest of intersection with U. S. Highway 101, 2 miles south of Ukiah. Additional access from U. S. Highway 101 bridge over Robinson Creek, 2 1/2 miles south of Ukiah.

OWNERSHIP - Private.

POSTED OR OPEN - Not posted.

IMPROVEMENTS - One dam and one diversion-as noted above.

GENERAL ESTIMATE - Robinson Creek contains about 1 mile of excellent summer nursery habitat for steelhead trout. The non-game fish present at this time do not appear to be out-competing salmonids.

RECOMMENDED MANAGEMENT - Removal of non-game fish in Section 4.

SKETCH MAP - Attached.[sic]

REFERENCES AND MAPS - U.S.G.S. 15 minute series (Ukiah and Boonville Quads). 1959. Scale 1:62,500.