## CALIFORNIA DEPARTMENT OF FISH AND GAME STREAM SURVEY

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NAMEEast Branch Bald Hill Creek	COUNTYMendocino
STREAM SECTION FROMMouthTO	Headwaters SectionLENGTH1.2 miles
TRIBUTARY ToBald Hill Creek	TWP20NR16WSEC9 (NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> )
OTHER NAMESNone	RIVER SYSTEMTen Mile River
NAME OF SURVEYOR Rowell and Adams	DATEAugust 23, 1961
SOURCES OF DATAPersonal Observation and data from Union Lumber Co. foresters	

EXTENT OF OBSERVATION: This stream was checked by foot from the headwaters to the mouth, on August 23, 1961 by Rowell and Adams.

<u>LOCATION</u> - The East Branch, Bald Hill Creek flows southwest, entering Bald Hill Creek one mile north of the North Fork, Ten Mile River. (about 14 airline miles NE of Fort Bragg).

<u>RELATION TO OTHER WATERS</u> - The East Branch is the main tributary on Bald Hill Creek. It has good spawning and nursery areas.

<u>GENERAL DESCRIPTION: WATERSHED and IMMEDIATE DRAINAGE BASIN</u> – The East Branch heads in mountainous terrain located within the coastal redwood belt, draining one square mile. The entire drainage has been selectively logged.

ALTITUDE - 1000 feet to 400 feet.

GRADIENT - A fairly constant moderate drop throughout except in the extreme headwater section.

<u>WIDTH</u> - Water averages two feet. (1' to 5'). The stream ranges from ten to forty feet from bank to bank.

DEPTH - Averages two inches (1.5" to 4").

FLOW - 1 c.f.s. throughout most of its length.

VELOCITY - Cascading to moderate throughout.

**BOTTOM**– Predominantly gravel, with some bedrock and boulders, sand and silt.

SPAWNING AREAS – Good except in the area above bridge barrier .9 mile upstream from the mouth.

POOLS – Small, frequent, and scattered throughout the stream.

<u>SHELTER</u> - Undercut banks, log jams, and roots of willows and alders growing along the bank offer good shelter and shade.

<u>BARRIERS</u> – Logs laid in stream bed for road crossing .9 mile from mouth forms a complete barrier. Numerous three to four foot falls created by log jams don't seem to be barriers during winter flows.

DIVERSION - None

TEMPERATURE – Water temperature taken at 1000 was 60° F. The air was 68° F.

FOOD – Excellent. Seemed to be abundant.

AQUATIC PLANTS – None noted.

<u>WINTER CONDITIONS</u> – Because of the short length of this stream, winter conditions are moderate, except under cloud burst conditions.

POLLUTION - None observed.

<u>SPRINGS</u> – Several scattered throughout the stream length.

<u>FISHES PRESENT AND SUCCESS</u> – Steelhead ranged from two to six inches, with the 2" to 4" group being the most predominant. Good spawning gravel and adequate food contributed to their good condition.

OTHER VERTEBRATES – None observed.

FISHING INTENSITY – Unknown.

OTHER RECREATIONAL USE – None known.

<u>ACCESSIBILITY</u> – The entire stream is accessible by a logging road parallel to the stream. This road ties into the Bald Hill road and then into the main North Fork Ten Mile River road.

OWNERSHIP – The entire stream is under control or ownership of the Union Lumber Co.

<u>POSTED OR OPEN</u> – Not posted, but permission to trespass should be obtained from Union Lumber Co. office in Ft Bragg.

IMPROVEMENTS – None noted. Removal of log jams would uncover more spawning gravel.

PAST STOCKING - None known.

<u>GENERAL ESTIMATE</u> – This tributary is part of an excellent steelhead spawning and nursery area. Water apparently flows the year round.

<u>RECOMMENDED MANAGEMENT</u> – This stream should be continued to be managed as primarily for steelhead spawning and nursery.

SKETCH MAP: Attached.

REFERENCES AND MAPS - U.S. Dept of Interior Geological Survey Map.

15-minute series (Topographic)

Branscomb quadrangle - 1951

