

THE RESOURCES AGENCY OF CALIFORNIA
Department of Fish and Game

STREAM SURVEY

Date March 7, 1968

NAME Unnamed (tributary #3 to the Garcia River) COUNTY MENDOCINO
 STREAM SECTION entire FROM Mouth To Headwaters LENGTH 1½
 TRIBUTARY TO Garcia River TWP 12 N R 14 W SEC. 12
 OTHER NAMES Unknown RIVER SYSTEM Garcia River
 SOURCES OF DATA Personal observation

- 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

EXTENT OF OBSERVATION - Stream walked by Larry M. Johnson on August 28, 1967, between 1300 and 1500.

LOCATION - Stream is about 18 miles due east and one mile due south of the Town of Point Arena.

RELATION TO OTHER WATERS - This stream supplies only a small (1 cfs) amount of water to the Garcia River. The lower portion (3/4 miles upstream from mouth) is used as a spawning and nursery area. The remainder of the stream may furnish some spawning area but is too small during critical water periods to support even a small SH-RT population.

GENERAL DESCRIPTION

Watershed and Immediate Drainage Basin - Stream flows in a southerly direction through a steep V-shaped canyon. Vegetation along stream is scarce, limited to few brush plants and trees - alders, Douglas fir, bay madrone.

Altitude - (Range) Heads at 1200 ft. and drops to 800 ft. at its mouth.

Gradient - Averages approximately 265 ft. per mile.

Width - Average 1½ ft. Range 1 ft. to 4 ft.

Flow - At station (a) at mouth 1 cfs, at station (b) at only fork in stream .75 cfs.

Velocity - Stream has a consistently rapid flow.

Bottom - Approximately 30% bedrock, 10% boulders and 60% rubble and gravel.

Spawning areas - Very good for such a small stream, at least 50% of the entire stream is suitable for spawning.

Pools - Very limited development of pools (25% of stream) most are small and shallow, no larger than 3 ft. x 3 ft. and no deeper than 2 ft.

Shelter - Good, many undercut banks, logs and boulders.

Barriers - Much debris over stream, none however seemed to interfere with the flow during the critical water period. This debris may create a barrier to larger fish moving upstream to spawn.

Diversions - None seen

Temperatures - Mouth, water 75°F, air temperature 80°F. At fork in stream 3/4 mile upstream from mouth water temperature 70°F, air temperature 80°. Temperatures taken between 1300 and 1500 on August 28, 1967.

Food - Average of 20 organisms per sq. ft. of rock area, caddis worm, mayfly larvae. Aquatic plants - Some horsetail and green algae present in stream.

Winter conditions - Judging by debris on canyon walls and size of streambed the stream appears to be about 10 times as large during the winter runoff.

Pollution - None seen

Springs - None seen

Other vertebrates - Frogs and California newts observed.

Fishing Intensity - Unknown

Other Recreational Use - Unknown

Accessibility - Mouth is accessible by Hollow Tree Lumber Company road from Signal Ridge Road.

Ownership - Hollow Tree Lumber Company

Posted or Open - Posted

Improvements - None observed. Stream needs to be cleared of a great deal of lumbering debris.

Past Stocking - Unknown

General Estimate - A small stream but of some use as a SH-RT spawning and nursery area. If debris in upper portions of stream is not removed the stream is going to be rendered useless in the near future because of the jams this large amount of debris is likely to cause.

Recommended Management - The upper portion of this stream is filled with large amounts of logging debris. There are several log jams on the lower section that should also be removed.

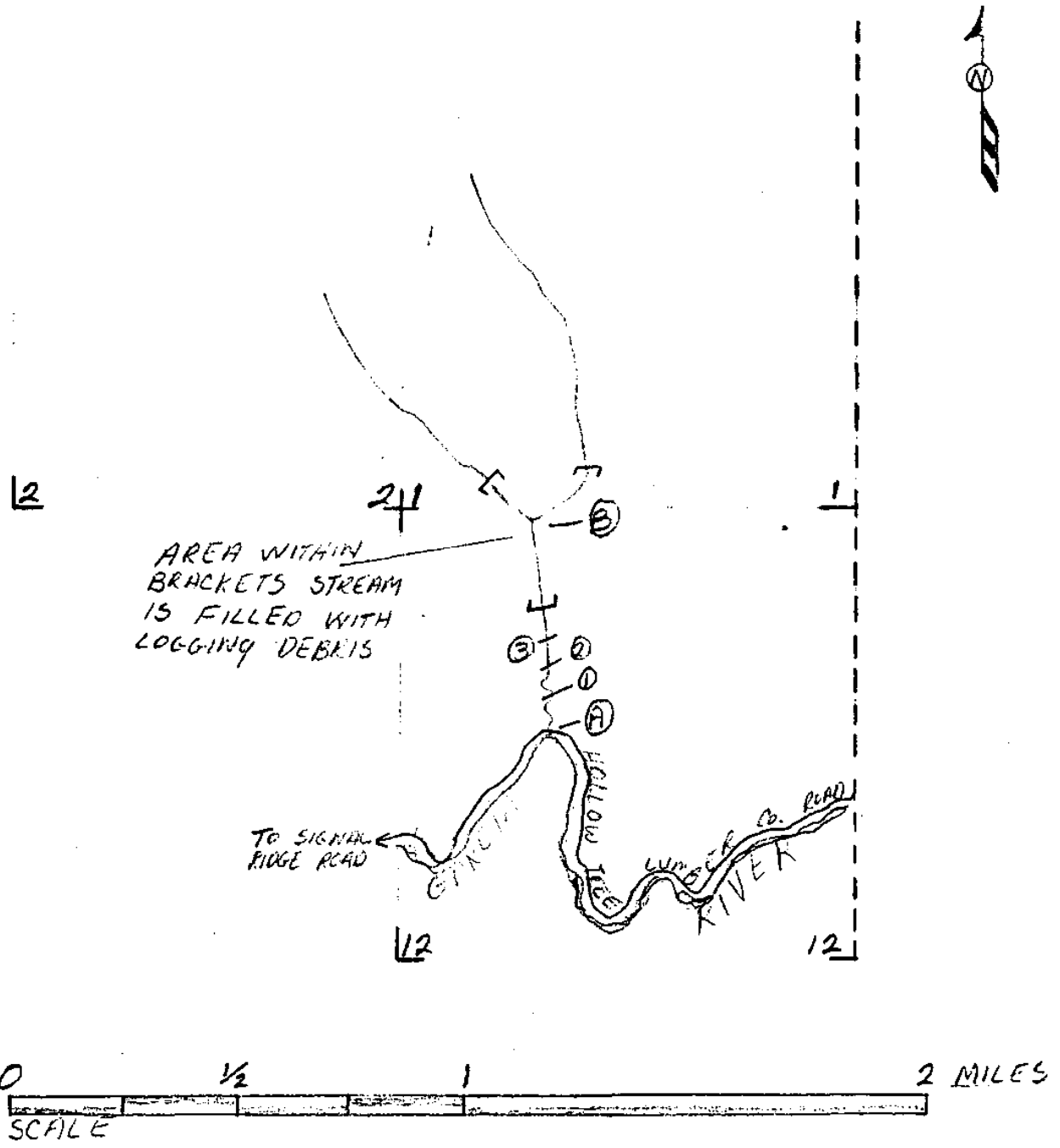
Sketch Map - Attached

References and Maps - USGS Quad. Ornbaun Valley - 1960.

Gerald Holman

Assistant Fishery Biologist

Region 3



5:5

UNNAMED TRIBUTARY
 TWP. 12 N., R. 14 W., SEC. 12