

## CALIFORNIA DEPARTMENT OF FISH AND GAME

## STREAM SURVEY

NAME.....SPOONER CREEK .....COUNTY ..Mendocino.....

STREAM SECTION...Lower 2/3 of stream..FROM.....mouth..TO...2 mile above road.....LENGTH..1.2 mi..

TRIBUTARY TO.....Bottom Creek.....TWP.....16N.....R..14W...SEC...31....

OTHER NAMES.....Not known.....RIVER SYSTEM...Navarro River....

SOURCES OF DATA.....Personal observation and Masonite forester.....

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 Area  
 Pools  
 Shelter  
 Barriers  
 Diversions  
 Temperatures  
 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 - This stream was checked from a truck by John Rowell and Herbert Adams on July 16, 1962. Frequent stops were made for closer inspection. The .2 mile section above where the road leaves the stream was walked out.

LOCATION -

RELATION TO OTHER WATERS - A headwaters tributary supplying winter flows only.

GENERAL DESCRIPTION - Watershed & Immediate Drainage Basin - Spooner Creek is within the coastal redwood belt with high ridges and V-shaped canyon. The area has been extensively logged and vegetation is mostly redwood with some pine and grass. Soil is a light grey powder mixed with gravel. This stream flows in a southeast direction. Stream side vegetation is abundant.

Altitude - Spooner Creek rises at 800 ft. above sea level, dropping to 560 ft. at the mouth.

Gradient - Moderate throughout the 500 ft. per 100 mile.

Width - The width of the riffles was pretty constant throughout section surveyed. Pools tended to be rectangular - about 3 ft. wide and 4-5 ft. long.

Depth - Riffles ranged from 1-3 inches with the average about 2 in.

Pools - Pools were about 1 ft. in depth.

Flow - Less than 1/2 cfs; estimated at the time of survey.

Velocity - Slow

Bottom - Mud and silt covered 95% or better of the section surveyed.

Spawning Areas - None. There is a great deal of mud and silt washing down from the side which covers up any spawning gravel which might have existed.

Pools - Pools formed about 50% of the stream. They were rectangular in shape. Average size was 2 ft. x 4 ft. x 6-12 inches deep.

Shelter - Quite good in the form of young trees and logging debris.

Barriers - Two main log jams in the lower section were not considered to be barriers to steelhead.

Diversions - None.

Temperatures - Taken on a clear day around noontime the air registered 90° F., water 65°F.

Food - Only small amounts of caddis fly larvae and other unidentified insects were observed.

Aquatic Plants - Algae and cattails were common.

Winter Conditions - Probably not severe due to being in the headwater region.

Pollution - None observed.

Springs - None observed.

FISHES PRESENT AND SUCCESS - None.

OTHER VERTEBRATES - Frogs and snakes.

FISHING INTENSITY - None.

OTHER RECREATIONAL USE - None.

ACCESSIBILITY - A road (H4) runs along the lower mile of the stream. Road H4 is 1/2 mile from the Little North Fork road or 2½ miles from Masonite main road at Mile post 28.

OWNERSHIP- The lower mile is owned by Masonite Corp. The headwaters is owned by Union Lumber Co.

POSTED OR OPEN - Posted by Masonite Corp., Ukiah, California.

IMPROVEMENTS - Removal of the log jams, mud and silt in the lower 1/2 mile of stream could make this stream attractive to steelhead.

PAST STOCKING - None known.

GENERAL ESTIMATE - Spooner Creek is a short headwater tributary in the logged over area. The log jams are few but mud and silt from roads and logging had made this stream unattractive to steelhead and silver salmon. The stream runs intermittent during the summer months. No fish were observed.

RECOMMENDED MANAGEMENT - The log jams could be removed but the bottom silt covering steelhead and silver salmon spawning areas would remain. Therefore, this stream has little to offer in the way of fisheries value. With this in mind, no action is recommended.

SKETCH MAP - Attached.

REFERENCES AND MAPS - U.S. Department of Interior geological survey 15-minute series topographic maps Booneville quadrangle 1959; Masonite Corporation property and topographic maps based on War Department map dated 1943.

John Rowell/ed 9-11-62