

**CALIFORNIA DEPARTMENT OF FISH AND GAME  
STREAM SURVEY**

FILE FORM No \_\_\_\_\_

NAME BEEBE CREEK COUNTY Mendocino  
 STREAM SECTION partial FROM mouth TO boulder LENGTH 1.5 mi.  
 area of cascades and large  
 TRIBUTARY TO Rancheria Creek TWP 12N R 13 SEC 1  
 OTHER NAMES Unknown RIVER SYSTEM Navarro  
 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
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- Diversions
- Temperatures
- Food
- Aquatic Plants
- Water Conditions
- Pollution
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- 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
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EXTENT OF OBSERVATION - Was walked out from the mouth to the potential upstream fishery value, a distance of approximately 1½ miles by F&G Assistant James Crowdus, October 19, 1962.

LOCATION - Beebe Creek is located near the headwaters of Rancheria Creek and crosses under State Route 128 at Yorkville Ranch.

RELATION TO OTHER WATERS - Beebe Creek is a small stream in the Navarro drainage that provides approximately a mile and one-half stream of fishery value as a nursery area. Spawning-area-limited-due-to-the-nature. This stream is important due to its water contribution during the winter and early summer months.

General Description - Watershed & Immediate Drainage Basin -This creek flows through and meanders through rolling coastal hills covered with a grass-oak association forming a mild V-shaped canyon with a very wide variety of aggregate rocks along its bottom and immediate area. Shade is considered very light, about 20% for the entire stream. The bottom is predominantly rocky.

Altitude - The mouth is approximately 300' above sea level and 1 1/4 miles from the mouth the altitude is 375' above sea level.

Gradient - Mild from the mouth to a point 1.25 miles upstream. Above this point the stream gradient is considered quite steep.

Width - Ranges 2' to 50' with an average of 4'. It is very wide at the mouth and narrows as it approaches the cascade area.

Depth - Banged 2" to 2' deep. Averaged 6" present summer flow. Winter depth estimate 3'.Flow - Cascading to slow. 2 cfs average present summer flow. Winter condition believed 10+ cfs flow,

Velocity - Considered slow, sluggish near the mouth and cascading and falls in the upper 1½ miles from the mouth. The average velocity considered slow.

Bottom - Dominated by coarse rubble throughout with fine rubble, silt and sand near the mouth. Silt and sand are common throughout and tend to pack the larger rocks into position. Massive boulders 1 ¼ miles from the mouth ranged from 6' to 15'. Composition of bottom: coarse rubble 70%, fine rubble 10%, silt 5%, sand 5% and boulders 10%, Pools contained fine gravel, sand and silt, riffles contained coarse and fine rubble\*

Spawning Areas - Estimated 15% of the stream suitable for-spawning. This section is located in the lower 1/2 mile.

Pools - Numerous small pools caused by washed out rocks or silted in rocks or logs exist in the mid and upper sections,The average size is 2' square and 6" deep. Large infrequent pools exist near the mouth caused by sand bars at this date. Pool to riffle ratio is estimated at 50% pools and 50% riffles for this stream.

Shelter - Scarce; approximately 25% is covered by shelter caused primarily by undercut rocks.

Barriers - A natural rock barrier exists 1½ mile from the mouth. There is also considerable down timber in this immediate area.

Diversions - None observed.

Temperatures - Water temperatures ranged from 58° F. in the headwaters to 60° F. at the mouth. Air temperature at 1200 hour was 75° F. on this date.

Food - Food was scarce, not enough to support a heavy fishery. Caddis fly, mosquitos and an unknown snail exist.

Aquatic Plants - None observed.

Winter Conditions - Believed to have a very rapid runoff.

Pollution - None observed.

Springs - None observed.

FISHES PRESENT AND SUCCESS - Steelhead and/or rainbow trout observed. Size ranged from 1" to 4"; average 2". Abundance considered light - 2 to 3 fish per large pool. Most common fishes observed near the mouth. Success good; condition good, natural propagation, yes.

OTHER VERTEBRATES - Deer, racoon, skunk and domestic sheep.

FISHING INTENSITY - Unknown.

OTHER RECREATIONAL USES - Unknown.

ACCESSIBILITY - Easy immediate access is obtained from Highway 128 which parallels Beebe Creek for ¾ mile at Yorkville Ranch. Foot access is easy through the stream or along immediate stream banks.

POSTED OR OPEN - This tributary is posted against trespass.

GENERAL ESTIMATE - Beebe Creek appears to have a rather poor spawning area and survives as a fishery function for the purpose of a nursery area primarily.

Aside from its fishery value, this creek provides winter and late summer water flows. It is relatively clear of logging debris up to the cascade where there exists numerous fallen logs and trees. This creek is limited in its fisheries value due to its extremely rocky bottom.

RECOMMENDED MANAGEMENT - Recommend Beebe Creek be allowed to remain in its present condition and manage as a steelhead silver salmon nursery area and contribution to the waterflow to the Navarro River system. The log jam materials need not necessarily be removed as it is in immediate area with the rapid rise of gradient and removal would justify only ¼ mile maximum in additional stream access for salmonids. Suggest mineral and aggregate study by those persons interested as 1½ miles from the mouth of Beebe Creek are many odd, colorful and interesting rock formation and minerals.

SKETCH MAP - See attached.

REFERENCES AND MAPS - USGS Ornbau NE quadrangle, Mendocino County, California, 1959, 15-minute topographical map. Accuracy considered fair.

35  
2 | 1

# BEEBE CREEK

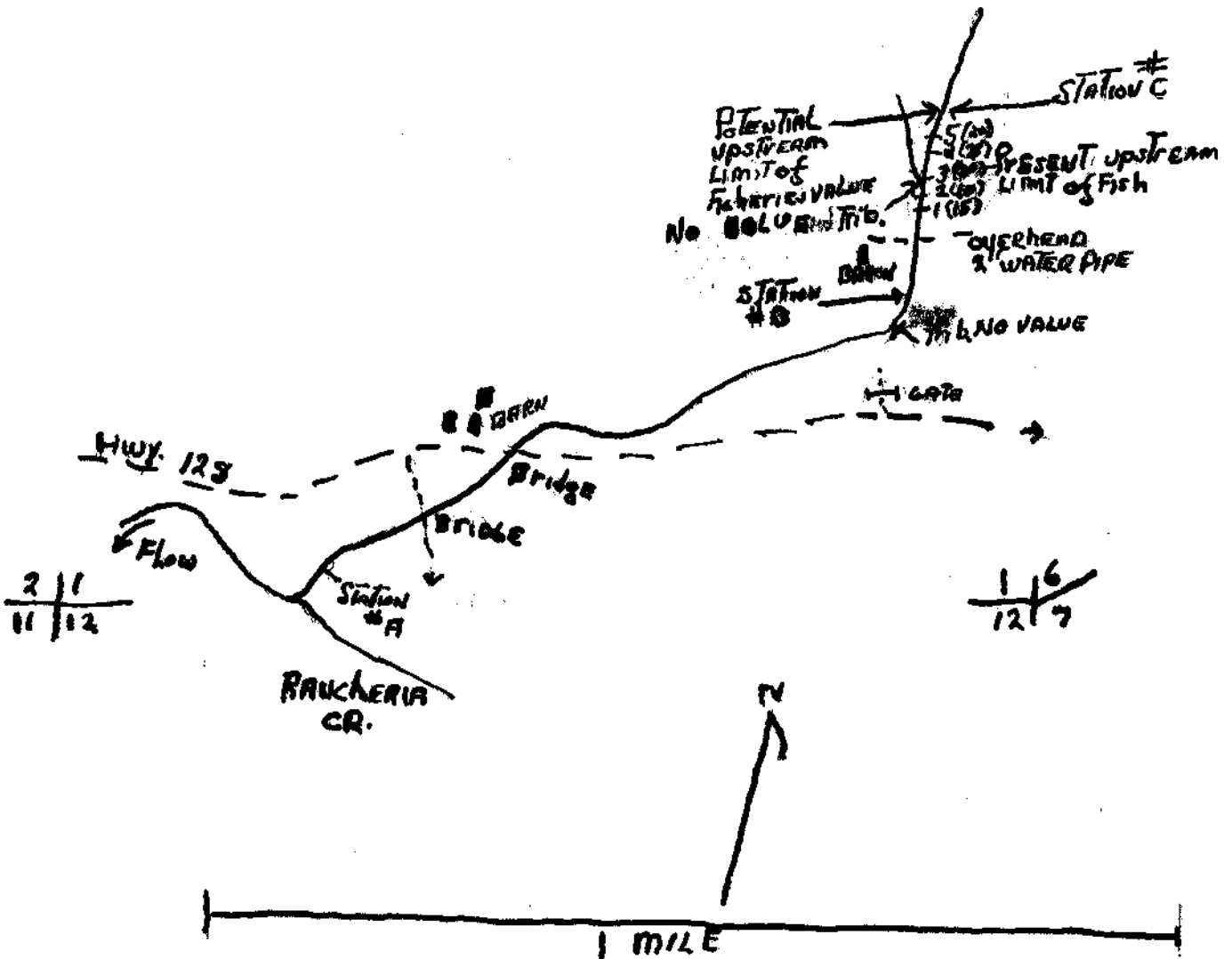
T12N R13W SEC 1

35 | 36  
1 | 6

### Spawning and Nursery Area in miles

1. Now satisfactory for SH & SS 1 1/4
2. To be improved 4
3. Available after improvement 1 1/2

Surveyor J. Crowder



ADD 5% FOR DEBRIS NOT LISTED BETWEEN NUMBERED JAMS