

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

FILE FORM No _____

NAME SHEARING CREEK COUNTY Mendocino

STREAM SECTION Partial FROM mouth TO headwaters LENGTH 0.7 mi.

TRIBUTARY TO Rancheria Creek TWP 13N R 13W SEC 32

OTHER NAMES Not known RIVER SYSTEM Navarro River

SOURCES OF DATA Personal survey and resident in house near mouth of stream

- 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
- Water 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 walked out on foot by R. Moore on October 25, 1961 for a distance of approximately 0.7 miles.

RELATION TO OTHER WATERS - Shearing Creek is a very minor steelhead and/or rainbow trout spawning tributary to the Upper Rancheria Creek drainage. It contributes no summer flow and only minor winter flow to Rancheria Creek.

GENERAL DESCRIPTION - Watershed & Immediate Drainage Basin. - This watershed is on the southwest slope of a moderate hillside, covered with grass-oak located approximately 4 1/2 air miles southeast of Boonville. This watershed also has limited second growth redwood-fir.

The lower slope has irrigated pasture with fair shade and loose, shallow soil on top of bedrock. The streambed is located in an eroded gorge. This area has been used as sheep pasture with no cultivated area in the watershed. The immediate drainage basin approximately 1 1/2 miles long and 1/2 mile wide.

Altitude - Mouth 700 feet. Headwater section 1500 ft.

Gradient - Moderate in lower section, approaching steep in headwaters area.

Width - Riffle averaged 2 ft. ranged 0.5 ft. Pools averaged 3 ft. ranged 1 ft. to 10 ft, Streambed averaged 18 ft.

Depth - Riffle averaged 3/4 inch, ranged 0-2 inches. Pools averaged 3 inches, ranged 0-6 inches. Streambed averaged 10 ft. ranged 0-30 ft.

Flow - No summer flow except at springs in headwaters. Winter flows exceed 18 inches in depth during freshet. Present flow (2 weeks following 6-10 inch rain) estimated 1/2 cfs.

Velocity - Slow to moderate throughout.

Bottom - Appears in fair condition. Bedrock 20%, boulder 15%, rubble 15%, gravel 20%, silt intermixed and in small beds 30%. Noticeable amount of bedrock, boulder and large rubble. Fairly consistent and mixed throughout stream. Bottom appears homogenous throughout area observed.

Spawning Areas - Appear poor, estimated at less than 2% of streambed. Area has small pools and gravel beds badly silted in. Local resident reports little spawning.

Pools - Fair to good. Occupy approximately 50% of stream. Pools are small and numerous in bedrock areas. Pools less frequent near mouth.

Shelter - Fair to good. Shelter composed of boulders and large rubble, however, small size of stream limits the effectiveness.

Barriers-Bedrock barriers present approximately 0.3 mile upstream on North Fork of

SHEARING CREEK P-2
Mendocino

Barriers - Bedrock barriers present approximately 0.3 mile upstream on North Fork Shearing Creek and approximately 0.4 miles upstream on South Fork of Shearing Creek. Minor silted in log jams located downstream from these barrier holes.

Diversions - Two small diversions from spring in the headwaters of the South Fork Shearing Creek. These springs are used as domestic water supply and for sprinkler irrigation of pasture.

Temperatures - Thermometer not available.

Food - Appears adequate. Caddis fly larvae adequate to abundant, mayfly and other aquatic insects present.

Aquatic Plants - Appear scarce to non-existent.

Winter Conditions - Appear moderate. Maximum flow approximately 14 to 18 inches.

Pollution -None observed, throughout area walked including sheep pasture.

Springs - Fair. Springs are good to fairly abundant in the headwater section. FISHES

PRESENT AND SUCCESS - Fishes noted were RT-SH. Abundance appear to be rare (less than 3/100 ft. of stream). Size range from 2-7 inches. Success of fish in stream appears good; natural propagation not known.; believed poor. Local residents indicate few fish go upstream during spawning season. OTHER VERTEBRATES - Sheep, frogs, coon, deer.

FISHING INTENSITY - Appears very light. Lack of fishing due to small size of fish and few adults present.

OTHER RECREATIONAL USE - Hunting believed to be only other recreational use.

ACCESSIBILITY - Accessible by car via State Highway 128, approximately 4.5 miles south of Boonville. Travel time from San Francisco approximately 3 hours.

OWNERSHIP - See attached map.

POSTED OR OPEN - This property is posted to trespass.

IMPROVEMENTS - Numerous recent earth slides and probability of future slides render future improvements impractical. PAST STOCKING - Not known.

GENERAL ESTIMATE - Shearing Creek is a very minor steelhead/rainbow trout spawning stream. Low water flows, probability of future land slides in the stream with resulting siltation of spawning areas limit production. Present management regulations and enforcement of this stream appear adequate.

RECOMMENDED MANAGEMENT - (1) Recommend management of this stream for rainbow trout and/or steelhead spawning as at present. (2) Recommend no stream clearance on this stream. (3) No downstream water release for this stream in future water applications.

SKETCH MAP - See attached.

REFERENCES AND MAPS - U.S.G.S. advance sheet Fornbaun NE, Mendocino County 7½ minute series; USGS Fornbaun Quads. American Automobile Assoc. map of Mendocino County.

Shearing Creek

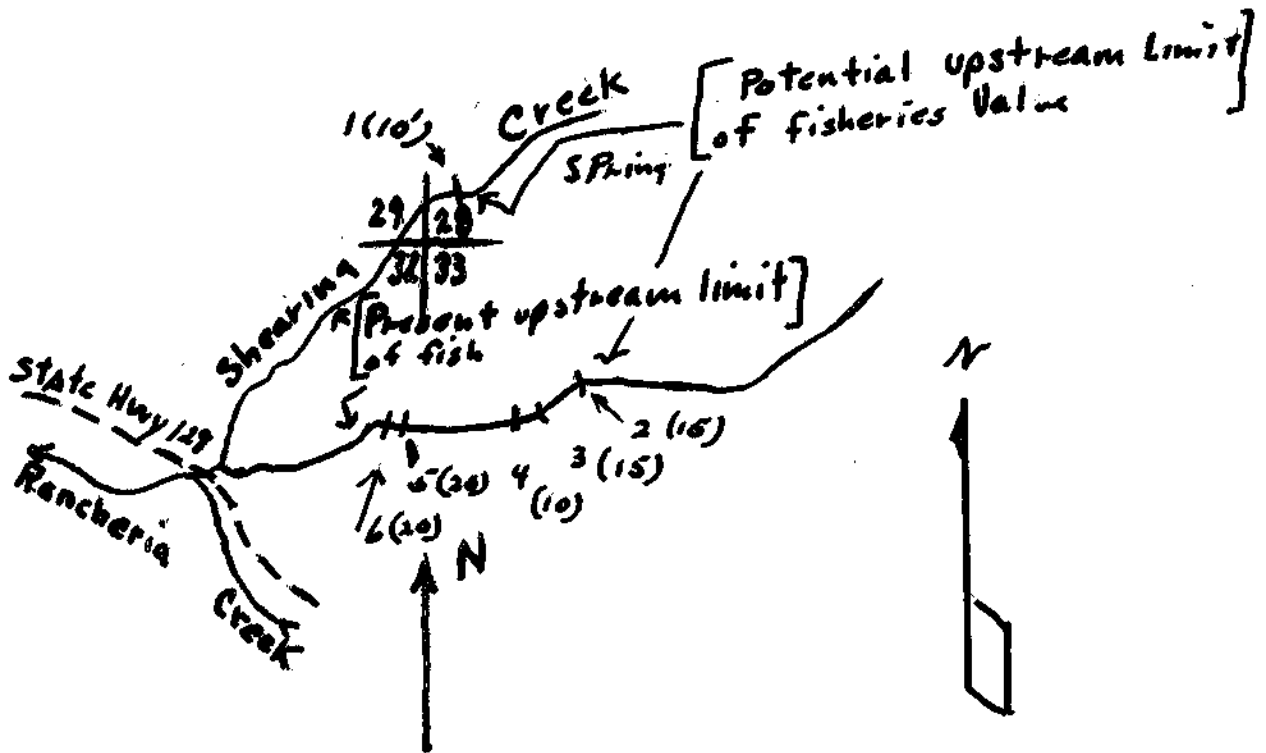
T 13N R 13W S 32

Spawning and Nursery Area in miles

1. Now satisfactory for SN & SS 0.4
2. To be improved 0.0
3. Available after improvement 0.4

Surveyor P. L. Moore

*Recommend NO
stream clearance*



Add 00.0% for debris not listed between
Numbered Jams