

CALIFORNIA DEPARTMENT OF FISH AND GAME

STREAM SURVEY

FILE FORM

No.....

NAME..... DAUGHERTY CREEK.....COUNTY..... MENDOCINO.....

STREAM SECTION.....FROM Snuffins Creek Road to Mouth.....LENGTH 7 miles..

TRIBUTARY TO South Fork of Big River.....Twp T16N.....R R14W.....Sec 19.....

OTHER NAMES.....RIVER SYSTEM.....

SOURCES OF DATA..... Personal obbervations.....

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
RECOMMENDED MANAGEMENT
SKETCH MAP
REFERENCES AND MAPS

Extent of Observation: On August 10, 1959, the stream was walked out from the mouth of Snuffins Creek to the Snuffins Creek Road crossing. On August 11, 1959, the remainder of the stream was walked out downstream from the mouth of Snuffins Creek to its confluence with the South Fork of Big River. Surveyed by James Morehouse.

Location: This stream rises on the coastal mountain slopes, about three miles, west of Eagle Rock (T15N, R13W, Section 16) and flows west and then north west to its confluence with the South Fork of Big River.

Relation to other Waters: This is the most important tributary of the South Fork of the Big River for the production of steelhead and silver salmon.

Watershed: Typical north coastal redwood and douglas fir forest.

Immediate Drainage Basin: This creek flows through a slightly sloping "U" shaped canyon throughout. The stream cover, from the origin downstream to the mouth of Snuffins Creek, has been completely destroyed through logging. The section of stream from the mouth of Snuffins Creek downstream to just above the mouth of John Gates Creek is well shaded by the forest cover which lines the stream banks. The majority of this section is seemingly through virgin forest. The remainder of this stream, from the mouth of John Gates Creek, downstream to the mouth is well shaded with occasional openings due to logging operations.

Gradient: Very gentle throughout.

Width: 2 to 5 ft. Average 3 ft.

Depth: 2 to 4 inches Average 2 inches

Flow: 0,25 cfs to 1.5 cfs average 1 cfs.

Velocity: Rapid throughout.

Bottom: Gravel, rubble throughout with occasional areas of bedrock. This creek from Snuffins Creek upstream was badly silted in,

Spawning areas: Good to fair throughout.

Pools: 8 ft long 4 ft wide 6 inches deep to 20 ft long 10 ft wide 6 ft deep average 10 ft x 5 ft x 8 inches pool development good.

Shelter: Good to fair throughout consisting of pools, undercut banks and large rubble.

Barriers: Listed separately.

Diversions: None seen.

Temperature: 58 degrees to 62 degrees F. from Snuffins Creek downstream arid 74 degrees F. above Snuffins Creek.

Food: Common throughout. Three species of caddis fly and other insect larva.

Aquatic Plants: None seen - very little algae.

Winter Conditions: Stream banks indicate fairly high winter flows with some tendency to flood. This is only slightly scouring creek, but would probably be more severe if the gradient were a little steeper.

Pollution: None other than logging.

Springs: Common throughout Creek.

Fishes present and success: Steelhead, silver salmon and sticklebacks were found throughout but were not too common.

S. B. 1/2" to 1"

SH/RT 1" to 8" average 2 inches

S.S. 1" to 3" average 2 inches Success seems to be satisfactory.

Other Vertebrates: A few Newts and many small frogs.

Accessibility: The headwaters are accessible by the Masonite Road and the mouth is accessible by the Orr Springs Road.

Improvements: None seen.

General Estimate: A good and important steelhead, silver salmon, spawning and nursery stream.

Management: Control of logging operators? and normal anadromous salmonoid management.

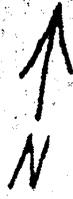
Maps: The Forest Service - South Half Mendocino County, 1948, was the only map consulted and the sketch map was taken from this.

Altitude - Fishing Intensity - Other Recreational use - Past Stocking - Ownership -

Posted or open: Are not known.

None of the tributaries, including Horsethief Creek, were of any value to fish life. All were small and were 2 to 4 feet boulder, bed rock steps.

DRY SPRINGS ROAD TO URIAH.
SOUTH FORK BIG RIVER UPSTREAM.



SODA CREEK

Log Road
55

Log Road → JOHN GATES CREEK

Flush Dam

DOVEFLIER

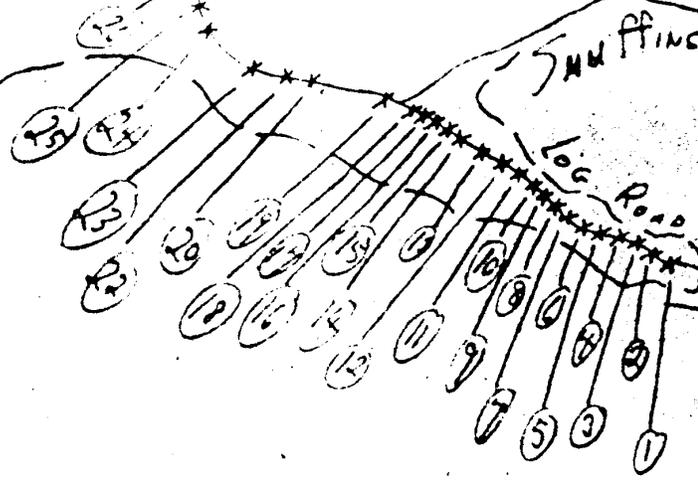
MEADOW CREEK

SNUFFING CREEK

MASONITE ROAD

Log Road

SNUFFING CREEK ROAD CROSSING



DOUGHERTY CREEK
FROM SNUFFINS CREEK ROAD CROSSING TO THE MOUTH - 7 miles

Log jams and barriers

1. Log jam barrier - 30 ft long 30 ft wide 5 ft high 65% void area.
2. Log jam barrier - 25 ft long 25 ft wide 10 ft high 60% void area
3. Log jam barrier - 50 ft long 20 ft wide 8 ft high 85% void area.
4. Log jam barrier - 50 ft long 25 ft wide 5 ft high 80% void area
5. Log jam barrier - 20 ft long 10 ft wide 8 ft high 95% void area
6. Log jam barrier - 60 ft long 15 ft wide 10 ft high 98% void area
7. Log jam barrier - 5 ft long 20 ft wide 3 ft high silted in 4 ft.
8. Log jam and barrier - 100 ft long 30 ft wide 10 ft high 70% void area.
9. Log jam barrier - 45 ft long 30 ft wide 30 ft high 90% void area.
10. Log jam barrier - 5 ft long 30 ft wide 5 ft high 98% void area.
11. Log jam barrier - 25 ft long 30 ft wide 5 ft high 80% void area.
All of the above log jams are the result of logging operations.
12. Log jam barrier - 20 ft long 20 ft wide 5 ft high - 60% void area.
13. Log jam barrier - 100 ft long 30 ft wide 10 ft high 98% void area
14. Log jam barrier - 40 ft long 40 ft wide 20 ft high - 70% void area. Redwood
root system and silt - may wash out.
15. Log jam barrier - 30 ft long 30 ft wide 5 ft high 98% void area.
16. Log jam barrier - 20 ft long 20 ft wide 8 ft high 60% void area.
17. Log jam barrier - 10 ft long 30 ft wide 5 ft high 95% void area.
18. Log jam barrier - 5 ft long 25 ft wide 3 ft high 10% void area.
19. Log jam barrier - 10 ft long 20 ft wide 10 ft high 80% void area
20. Log jam barrier - 6 ft long 25 ft wide 5 ft high 70% void area
21. Log jam barrier - 30 ft long 20 ft wide 20 ft high 55% void area
22. Log jam barrier - 40 ft long 10 ft wide 10 ft high 50% void area.
23. Log jam barrier - 10 ft long 20 ft wide 10 ft high 90% void area
24. Log jam barrier - 5 ft high - 20 ft wide 10 ft high 98% void area.

Log Jams and Barriers (continued)

25. Log jam barrier - 20 ft long 20 ft wide 5 ft high 70% void area.
26. Log jam barrier - 5 ft long 20 ft wide 5 ft high - 50% void area.
27. Log jam barrier - 5 ft long 30 ft wide 5 ft high 10% void area.
28. Log jam barrier - 10 ft long 50 ft wide 5 ft high 70% void area.
29. Log jam barrier - 50 ft long 20 ft wide 5 ft high 80% void area
30. Log jam barrier - 20 ft long 20 ft wide 5 ft high 90% void area
31. Log jam barrier - 15 ft long 25 ft wide 10 ft high 85% void area
32. Log jam barrier - 12 ft long 20 ft wide 5 ft wide 60% void area.
33. Log jam barrier - 15 ft long 20 ft wide 10 ft high 40% void area.
34. Log jam barrier - 30 ft long 30 ft wide 5 ft high 99% void area
35. Log jam barrier - 30 ft long 40 ft wide 15 ft high - 70% void area.
36. Log jam barrier - 15 ft long 40 ft wide 10 ft high 45% void area.
37. Log jam barrier - 15 ft. long 20 ft wide 10 ft high 60% void area.
38. Log jam barrier - 70 ft long 40 ft wide 10 ft high 40% void area.
39. Log jam barrier - 40 ft long 30 ft wide 10 ft high 90% void area.

The above log jams are fallen trees and are natural log jams. Log jams 12 to 39, There was a great many more fallen trees but they were across the stream and not in it.

40. Log jam barrier 40 ft long 40 ft wide 20 ft high 90% void area 3 ft flush dam.
41. Log jam barrier 5 ft long 20 ft wide 5 ft high 60% void area.
42. Log jam barrier 10 ft long 75 ft wide 5 ft high 30% void area
43. Log jam barrier 25 ft long 20 ft wide 5 ft high 55% void area.
44. Stream bed filled in for road crossing.
45. Log jam barrier 30 ft long 30 ft wide 7 ft high 90% void area.
46. Stream bed filled in for road crossing.
47. Log jam barrier 30 ft long 30 ft wide 10 ft high 50% void area.
48. Log jam barrier 30 ft long 30 ft wide 10 ft high 50% void area.
49. Log jam barrier 20 ft long 25 ft wide 7 ft high 70% void area.

50. Stream bed filled in for road crossing.

All of the above jams are the result of logging.