

CALIFORNIA DEPARTMENT OF FISH AND GAME

STREAM SURVEY

FILE FORM NO.....

NAME...North Branch of North Fork Indian Creek.....COUNTY...Mendocino.....
 Stream Section..Entire...From...headwater ..to..Junction with So. Br. of No. Fk. Indian Creek..Length..2mi.
 TRIBUTARY TO...North Fork of Indian Creek.....Twp...15N.....R14W.....Sec..36.....
 OTHER NAMES.....None known.....RIVER SYSTEM...Navarro River.....
 SOURCES OF DATA....Personal survey and information received from landowners.....

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 - Walked out from the headwaters to the junction with the North Fork of Indian Creek, a distance of 2 miles on August 15, 1962 by Herbert Adams and Douglas Stewart.
LOCATION - The North Branch of the North Fork of Indian Creek arises 6 air miles east of Booneville and 8 air miles southwest of Ukiah.
RELATION TO OTHER WATERS - This is the only major and spawning nursery tributary to the North Fork of Indian Creek.
GENERAL DESCRIPTION - Watershed & Immediate Drainage Basin - This stream lies in eastern-most portion of the coastal redwood belt. It has a grey powdery gravel type soil on the stream bank. Steep V-shaped canyon walls throughout the 2-mile section. The predominant vegetation throughout the entire section is Douglas fir, bay and/or pepperwood. Good shade was contributed by stream side vegetation. Also, by log jams. This stream flows in a westerly direction and has a drainage of 4 sq. miles.
Altitude - 2 miles upstream from the confluence with the North Fork of Indian Creek at the headwaters the altitude is 2,000 ft. and at the junction with the North Fork of Indian Creek, the altitude is 1,520 feet with a range of 480' in the 2-mile section.
Gradient: - It has a steep to moderate gradient with a 120' drop per 1/2 mile of stream, A drop of 5,28 per 100 ft, of stream.

Width - 2' to 6'; range in the riffles with 4' average. A range of 4' to 8" with an average of 6' in the pools.
Depth - Range 1" to 3" in the riffles with an average of 2", Pools averaged 2" to 24" with an average of 16".
Flow - An estimated .5 cfs taken with the float method at station A, located at junction with the North Fork of Indian Creek and also taken 1 mile upstream from the junction with the North Fork of Indian Creek.
Velocity - Slow throughout.
Bottom -80% gravel, 10% rubble, 5% boulder, 5% silt located throughout stream section.
Spawning Areas - 40% usable spawning gravel throughout. Large boulders in upper .5 mile. Boulders and rubble scattered throughout most of the spawning areas. However, most of the spawning gravel is located in the lower 1 mile of stream.
Pools . 40% pools, 60% riffles. Most of the pools caused by jams. Pools range from 2' wide to 8' wide, 2" deep 24" deep, 2 to 8 ft. long with an average of 4' wide, 16" deep to 5' long.
Shelter - Good shelter throughout in the form of bay and or pepperwood and fir trees, jams and debris. Also some undercut banks. Some large boulders also contribute to shelter.

NORTH BRANCH OF NORTH FORK INDIAN CREEK
P-2 Mendocino County

Barriers - None observed.

Diversions - None observed.

Temperatures - Temperatures taken at junction with the North Fork Indian Creek on August 15, 1962 were: water 59° F., air 61° F. at 0900. Temperatures taken 1 mile upstream from the junction with the North Fork Indian Creek taken at 1030 on August 15, 1962 were: water 57° F., air 64° F.

Food - Adequate in the form of mayfly and caddis fly larvae.

Aquatic Plants - Horsetail grass.

Winter Conditions - Appear mild with very little sign of erosion. Water levels in the winter apparently are not too high because of the small amount of debris noted on the stream bank.

Pollution - None observed.

Springs - None observed.

FISHES PRESENT AND SUCCESS - Species present are steelhead and/or rainbow trout. Size range 2" to 10" with average of 4". Abundance, 20 to 30/100 ft. of stream. Success good; condition good, natural propagation good. Fish were present throughout in both riffles and pool areas. Largest amount of fish observed in the pool area. the 20 to 30 fish/100 ft, of stream was consistent throughout the entire 2 mile section.

OTHER VERTEBRATES - Frogs and deer.

FISHING INTENSITY - None observed.

RECREATIONAL USE - Possible deer hunting.

ACCESSIBILITY - This stream is accessible via Masonite industrial road by travelling west from Masonite Corp, plant Ukiah, California to the 20,9 mile post then turning on to the Rose Creek road to the south for a distance of 7 miles to where the road forks to the right sign Alaska Ridge Road. Continue straight ahead for another mile and a half to as far as you can go by vehicle. You will then be approximately 200 yds. north uphill from the confluence with the North Fork of Indian Creek. Continue on by foot for ,1 mile then turn to the east follow on down to mouth of stream. Road continues on paralleling the stream for another .2 mile. A pass must be obtained from Masonite Corp. to travel their road. Passes can be obtained from head forester, Roy Wagner or forester Jack Sweeley. The Masonite road can be travelled by a conventional pick-up or car during summer or winter. The creek road can be travelled by conventional vehicle in the summertime only. In the winter time this road should be travelled by a 4-wheel drive vehicle or a pick-up with a no-slip rear end.

OWNERSHIP - This particular section of stream is owned by Masonite Corp. in Ukiah, California, See ownership map attached also.

POSTED OR OPEN - Posted by Masonite and other landowners. See ownership map for this.

IMPROVEMENTS - The entire 2-mile section surveyed should be improved by the removal of log jams.

PAST STOCKING - None known.

GENERAL ESTIMATE - This is a good spawning and nursery stream for steelhead and/or rainbow trout. It is located in the easternmost portion of coastal redwood belt, Douglas fir, bay and/or Pepperwood trees for good shade and cover throughout the entire stream bed. The entire stream section has fair to good spawning gravel now being utilized by steelhead and/or rainbow trout were present throughout.

Most of the fish being observed in the pool areas. Fish were also present in the riffle area.

There is a small amount of jam in this 2-mile section of stream compared with the upper 2-mile section of the South Branch of the North Fork of Indian Creek.

NORTH BRANCH OF NORTH FORK INDIAN CREEK P-3
Mendocino County

RECOMMENDED MANAGEMENT - This should be managed as a steelhead and/or rainbow trout spawning and nursery stream. Removal of log jams and debris should enhance a large steelhead and/or rainbow trout population.

SKETCH MAP - See attached.

REFERENCES AND MAPS - 1. U.S. Dept. of Interior geological survey 15-minute series, topographic map Booneville, California quads 1959,
2. U.S. Dept. of Interior geological survey 7½-minute series topographic map Booneville quads advanced 1952,
3. Masonite Corp. Ukiah, California property and topographic map based on War Dept. map 1943.

OTHER REFERENCES - Masonite forester Jack Sweeley.

Herbert Adams/cd 8-31-62 SA

North Branch of North
Fork. T14N R14W Sec. 14

1. (10)	6. (25)	11. (10)	16. (20)
2. (30)	7. (40)	12. (10)	17. (30)
3. (20)	8. (30)	13. (20)	18. (20)
4. (25)	9. (15)	14. (10)	19. (20)
5. (30)	10. (20)	15. (15)	20. (12)
	21. (20)	23. (20)	25. (30)
	22. (20)	24. (10)	

South Branch of North Fork

6. (30)	13. (20)	18. (50)	
7. (40)	14. (150)	19. (12)	
8. (35)	15. (30)	20. (200)	
9. (70)	16. (20)	21. (30) 8' Rock Falls	
10. (80)	17. (10)	22. (20)	
23. (15)	28. (30)	33. (45)	38. (35)
24. (10)	29. (40)	34. (10)	39. (20)
25. (15)	30. (30)	35. (50)	
26. (12)	31. (40)	36. (100)	
27. (100)	32. (30)	37. (20)	

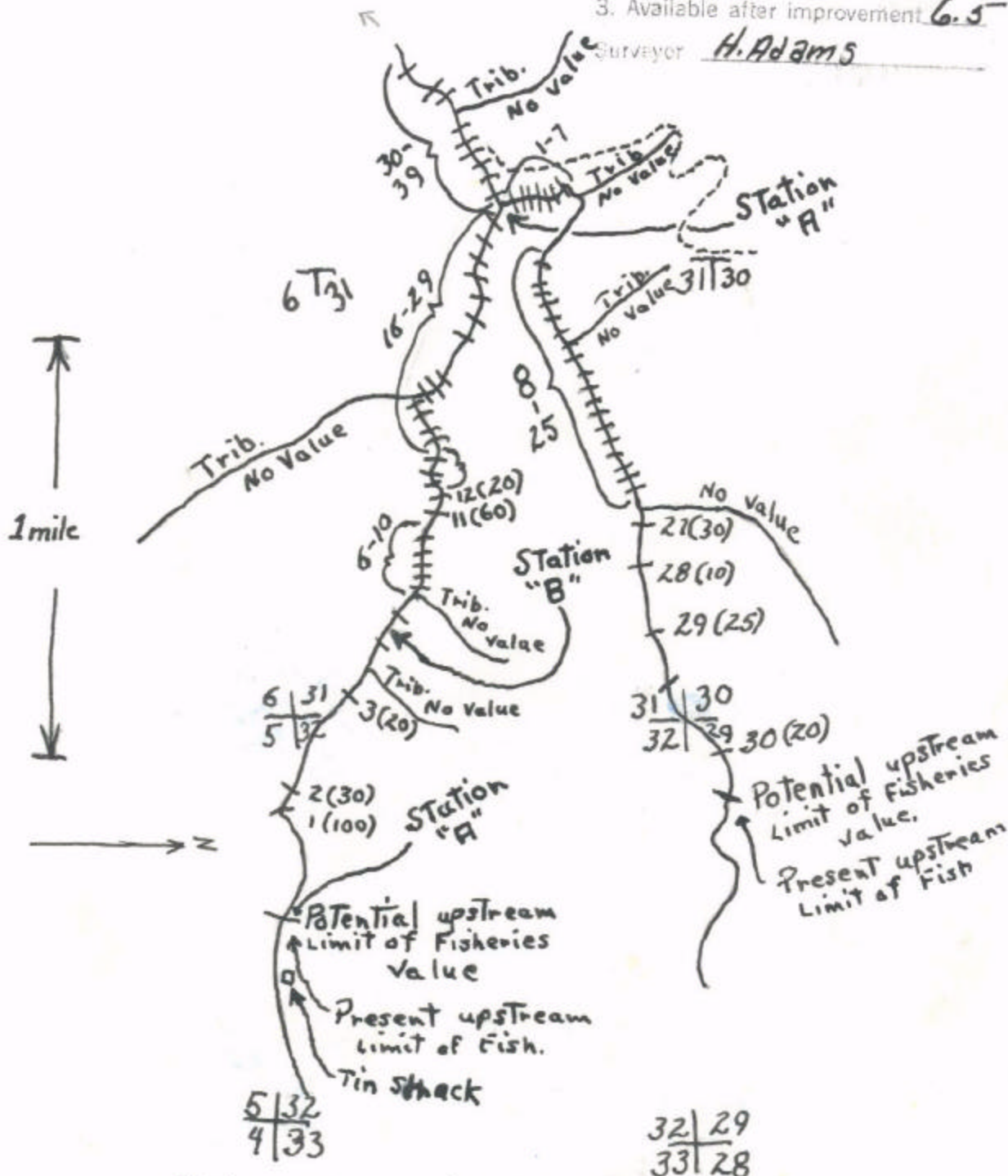
North Fork Indian Creek
 T14N R14W Sec. 14
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Spawning and Nursery Area in miles

1. Now satisfactory for SH & SS 1 mile
2. To be improved 6.4 miles
3. Available after improvement 6.5

Surveyor H. Adams

STREAM
CONTINUES



Add 10% for Debris not listed

NORTH Fork Indian Creek
 T 14 N R 14 W Sec 14
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