

HIGH	MOD	RAZE	?
$\frac{3}{3}$	$\frac{7}{7}$	$\frac{3}{3}$	$\frac{1}{1}$

14 SURVEYS

TRIPS

CAVE PR - $\frac{1}{4}$ MI
 MINOTR - $1\frac{1}{2}$ MI
 LACHS - $2\frac{1}{2}$ MI
 PANTHER - $1\frac{1}{4}$ MI
 BRIDGE - 4 MI
 TOM MC. - $\frac{1}{3}$ MI
 COST MAN - 1 MI

FISH, 1966 - 84 MI TOT.

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Lake Pacific Creek T5N, R4E, S2E Date: 7-28/66
Section: Mouth to 1/4 mile upstream (TRIB TO REDWOOD CR)
Observer: T. Healey Water temperature:

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☒ Present
☐ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: Rainbow or Steelhead

Abundance

- ☐ Rare
☒ Moderate
☒ High

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Undamaged

AYRES CARRIN TO LAKE PRAIRIE CR.

NAME OF STREAM

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

although numerous slides have occurred in the area the stream is in pretty good condition. Logging has taken place and may have contributed to this problem.

NAME OF SURVEYOR

California Department of Fish and Game

Field Form

STREAM SURVEY

NAME OF STREAM Redwood CR CO Humboldt
DATE 7-28-66 EXTENT OBSER. Ayres Cabin to Lake Prairie Creek

TRIB. TO Pacific Ocean

RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil; Cultivation; Vegetation; Shade)

Situated in a steep sided canyon with a very broad flat flood plain numerous slides observed.

WIDTH 6-12 feet

DEPTH 4" to 4 feet

FLOW 4 cfs to 6 cfs

VELOCITY Moderate to swift.

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

Rubble + gravel

SPAWNING AREAS excellent and numerous

POOLS not many in relation to wet stretch of shallower slower moving water

SHELTER very little

NAME OF STREAM

BARRIERS AND DIVERSIONS

FOOD *slenderhead loach in gravel*

STATIONS

Location of Station

Width

Depth

Bottom

Spawn. Area

Flow

Velocity

Stream Condition

Water Temp.

Air Temp.

Time and Date

Weather

Altitude

STATIONS

Location of Station

Width

Depth

Bottom

Spawn. Area

Flow

Velocity

Stream Condition

Water Temp.

Air Temp.

Time and Date

Weather

Altitude

STATION DATA

No. 1

No. 2

No. 3

TCRS

TCRS

TCRS

No. 4

No. 5

No. 6

TCRS

TCRS

TCRS

NAME OF STREAM

FISH PRESENT: Species

Size

Abundance

Success

Condition

Nat. Propagation

Other Remarks

FISHING INTENSITY:

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Redwood Creek Date: 7-28/66

Section: Ayres cabin to Lake Prairie Creek

Observer: T. Nealey & R. Muller Water temperature: 75°F at 1500

1. Percent at bottom covered with silt

☒ 0 - 25

☐ 26 - 50

☐ 51 - 75

☐ 76 - 100

2. Shelter

☒ None Present Naturally

☐ Present

☐ Partially removed

☐ Removed

3. Pools

☐ Present

☒ Partially eliminated

☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

☐ None

☒ Present (very little)

5. Barriers

☒ None

☐ Present; _____ Number

6. Streamside canopy

☐ Present

☒ None present originally

☐ Partially removed

☐ Removed

7. Diversions

☒ None

☐ Present; _____ Number

8. Fish

Species: Rainbow trout fingerlings

Abundance

☐ Rare

☒ Moderate

☐ High

9. Causes of damage

☐ Logging

☐ Dams

☐ Roads

☐ Logging

☐ County or State

☐ Other

☐ Other

Light

Norman Maxwell

NAME OF STREAM Redwood Creek

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

Stream would seem to provide
good spawning with higher
water

The last half of our
section had been logged off
close to the stream in the past
did not affect stream

XERO
COPY

XERO
COPY

NAME OF SURVEYOR J.R. Hair; Jerry Christensen

XERO
COPY

CHRISTENSEN & HAIR - 7-28-66 ⑤

Field 1st

California Department of Fish and Game

STREAM SURVEY

NAME OF STREAM Redwood Creek Co. Humboldt
DATE 7/28/66 EXTENT OBSER. Windy creek
upstream to Ayres' Cabin
DISTANCE OF 5 MILES

TRIBUTARY TO

RELATION TO OTHER WATERS

Ocean

WATERSHED AND IMMEDIATE DRAINAGE BASIN (Type: Terrain; Soil; Cultivation; Station; Shade)

Coniferous forest. No shade on
creek - rocky flood plain

WIDTH

10'

DEPTH

1 ft

FLOW

10 c.f.s.

VELOCITY

1 ft/sec

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

75% Rubble; 20% sand + gravel;
5% silt + bedrock

SPAWNING AREAS

many good spawning
areas, but no cover or shade

POOLS

few with little cover

SHELTER

very little

WINDY CR TO AYRES CABIN

NAME OF STREAM Redwood Creek
 BARRIERS AND DIVERSIONS None 2 log dams
220 ft. above Windy Cr - 100 ft. above
are from naturally fallen logs. Do
 FOOD large numbers of tadpoles, NOT
some flying insects; moss on fish
bottom of pools - possibly larva.

	STATION DATA		
	No. 1	No. 2	No. 3
STATIONS			
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM Redwood Creek
 FISH PRESENT: Species Steelhead
 Size 1" - 6"
 Abundance moderate
 Success
 Condition good
 Nat. Propagation fair
 Other Remarks

FISHING INTENSITY: no fishermen observed

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)
no access roads seen. Bridge
& road about 1/2 way up was
washed out.

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Name and Accuracy of Maps, Sketch Map, Photograph, Other References.)

moss in the water in many places
several small springs & streams
very high water in winter,

Water temp: 65° - 76°
(from Windy Cr → Ayres Cabin)
Water was clear.

Saw one eagle - species ?
DDF & 3 FRANKS

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Redwood Creek Date: 7-28-66

Section: From Indian Creek to Agnes' Canal

Observer: Christopher, Hawk Water temperature: 10:15 - 55°; 14:00 - 70°

1. Percent at bottom covered with silt

☒ 0 - 25

☐ 26 - 50

☐ 51 - 75

☐ 76 - 100

6. Streamside canopy

☐ Present

☒ None present originally

☐ Partially removed

☐ Removed

2. Shelter

☒ Present - VERY LITTLE

☐ Partially removed

☐ Removed

7. Diversions

☐ None

☐ Present; _____ Number

3. Pools

☒ Present - VERY FEW WITH

☐ Partially eliminated

☐ Eliminated

Species: SILVERHEAD 2 1" - 5"

Abundance

☐ Rare

☒ Moderate

☐ High

4. Debris (slash, logs, tailings, etc.)

☐ None

☐ Present

9. Causes of damage

☐ Logging

☐ Dams

☐ Roads

5. Barriers

☐ None

☒ Present; 2 Number

☐ Logging

☐ County or State

☐ Other

☐ Other

Log jams - do not
stop migratory fish,
jams are from naturally
fallen logs

1-11

Alameda County

NAME OF STREAM Redwood Creek

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

Excellent spawning area for
steelhead & salmon

Poor as a resident trout fishery
on account of poor shelter, lack
of pools

NAME OF SURVEYOR

R. H. Webster, Phil Vickers

from Inner Prairie?

California Department of Fish and Game

Field Form

STREAM SURVEY

NAME OF STREAM Redwood Creek Co Humboldt

DATE 6-27-66 EXTENT OBSER. From confluence
with Windy Creek to one mile below
Redwood Valley road

TRIB. TO None

RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN (Type; Terrain; Soil; Cultivation; Vegetation; Shade)

Stream surrounded by unused streambed. On
edge of streambed some western hemlock,
Drumstick trees: maple, alder.

WIDTH 5' to 20 ft

DEPTH 4" to 4'

FLOW Approx 6 cfs.

VELOCITY 2-3 ft/sec.

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

Same rubble -- mostly gravel & sand.
No silt or organic debris.

SPAWNING AREAS Excellent for anadromous
fish spawning. Poor for resident
trout.

POOLS Some pools, but were very
sparse in number

SHELTER Very little shelter. Mostly open
water, with little streamside canopy,
debris, & few pools

CAMP ANDERSON TO WINDY CR.

NAME OF STREAM

BARRIERS AND DIVERSIONS No Barriers,
2 small pumps for domestic
use.FOOD Aquatic insects were
scarce especially in the
downstream areas.

	STATION DATA		
STATIONS	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM

FISH PRESENT: Species steelhead fingerlings
Size 4x + fingerling size.
Abundance rare

Success

Condition

Nat. Propagation

Other Remarks Spawning runs about 12" in
diameter in the stream.
Stickleback was seen in warmer
waters of the stream.Temperature by Redwood Valley road was
79° at 1400FISHING INTENSITY: High, No fishermen
observed.

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

1st two miles were paralleled by logging
roads. Last one mile was paralleled
by Redwood Valley road. Twin highway
and one county bridge crossed the
section.

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

Most land was fenced, but not
posted.

- Aquatic plants were at a minimum.
- One spring of 1 cfs coming off hill
3/4 mile upstream of 299 bridge.
- Stream dammed off by gravel to former artificial
recreational lake 1/4 mile below 299 bridge.
- Many deer & redtail hawks quail and
evidence of a beaver were observed.
- stream bed alteration 1/2 mile from 299 bridge - 1/2
mile below old county bridge.
- Paint from 299 bridge observed in stream 1/2
mile which had washed 1/2 mile downstream.

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Redwood Creek Date: 6-27-66

Section: From confluence of Windy Creek & Redwood Creek to 1 mile downstream of redwood valley road (Anderson Camp)

Observer: Worner & Webster Water temperature: 64°

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☐ Present
☒ Partially removed
☐ Removed

3. Pools

- ☒ Present a few shallow pools
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☐ None
☒ Present small amount from flood and old logging operations

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☒ Present on outer edges of creekbed
☐ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☐ None
☒ Present; 2 small pumps Number 24 pipes

8. Fish

Species: Rainbow trout, probably, Steelhead

Abundance

- ☒ Rare
☐ Moderate
☐ High

9. Causes of damage

- ☒ Logging a small amount of side and debris from old logging operations, No important damage
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Start 0950

Finish 1350

Anglers: 0

Light

Heavy Shade

Panther Cr to Camp Anderson

NAME OF STREAM Redwood Creek

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

Stream as a whole is constant
flowing with very few pools. Cover
is also scarce. No debris is
present and there are no barriers
or diversions.

NAME OF SURVEYOR Fjelstad & Mullen

California Department of Fish and Game

Field Form

STREAM SURVEY

NAME OF STREAM Redwood Cr. co Humboldt

DATE 7-27-66 EXTENT OBSER. Camp Anderson
downstream about 11 miles to the
confluence with Panther Cr.

TRIB. TO

RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil; Cultivation; Vegetation; Shade)

Mixed conifer forest & brush -- Moderate
steep canyon -- Wide gravel beds along
banks of stream

WIDTH Averages 15 to 20 feet

DEPTH Average 6-8 inches -- A few
pools 3 or 4 feet in depth

FLOW upper section 6 c.f.s.
and section 8 c.f.s.

VELOCITY Sluggish to moderately rapid.

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris) 70%
small gravel -- 25% rubble -- 5%
coarse sand

SPAWNING AREAS Numerous large sections of
small gravel

POOLS very scarce. Those present are
scattered and relatively shallow.

SHELTER lacking in almost entire section.

FG 734

NAME OF STREAM Redwood Creek

BARRIERS AND DIVERSIONS None

FOOD Moderately abundant

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	STATION DATA		
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM Redwood Creek

FISH PRESENT: Species Steelhead Trout

Size Fingerlings

Abundance Moderately High

Success

Condition

Nat. Propagation

Other Remarks

FISHING INTENSITY: Light

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

County road and logging roads
parallel most of stream

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: REDWOOD CREEK Date: 7-27-66

Section: ANDERSON CAMPGROUND TO PANTHER CREEK 11.0 miles

Observer: MULLEN & FJELSTAD Water temperature: 66° → 78°

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☐ Present
☐ Partially removed
☒ Removed

3. Pools

- ☐ Present
☐ Partially eliminated
☒ Eliminated -
WASHED OUT BY FLOOD WATERS

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☐ Present
☒ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: STEELHEAD

Abundance

- ☐ Rare
☒ Moderate - AS FINGERLINGS
TO 4" ONLY
☐ High

9. Causes of damage

- ☒ Flood
☒ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Light

21

4/10/66

NAME OF STREAM Minor Creek

REMARKS—GENERAL ESTIMATE—

RECOMMENDED MANAGEMENT

The section of Minor Creek observed at first appears to be in poor condition for spawning. The bottom is mostly rubble and boulders which is covered with a thin layer of silt. Very little gravel seen. Silt covers about 75 to 90% of the bottom below the log jam. Fish (fingerlings) are numerous and in good condition.

About 1 mile upstream from Redwood Creek is a very large log jam. Much of the wood in the jam has been charred (by fire). Evidences of logging included a few cut ends in the log jam and several old steel cables. This jam has apparently been "in situ" for some time as silt and rubble have filled in behind it. The log jam apparently acts as a complete barrier to migrating steelhead and salmon. Above the jam, the bottom silt is reduced by about 75% but no fingerlings were observed.

Recopied from poor xerox copy by
Trisha Edgerston

NAME OF SURVEYOR /s/ Fjelstad

Field Form

STATE OF CALIFORNIA

DEPARTMENT OF FISH AND GAME

STREAM SURVEY

NAME OF STREAM Minor Creek Co. Humboldt
DATE 7/28/66 EXTENT OBSER. 1.5 miles above
Confluence with Redwood Creek To Redwood
Creek

TRIB. TO Redwood Creek

RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil;
Cultivation; Vegetation; Shade)
shallow V canyon; oak; Brush on hillsides
streamside vegetation - occasional alder - very
spare - very little shade

WIDTH 2 ft - 10 feet (ave - 7 feet)

DEPTH 4" - 4' (ave 8")

FLOW ~ 1 cfs

VELOCITY Rapid to cascading

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)
Rubble - 50%; Boulder - 25%; Bedrock - 15%
Gravel - 5%; silt 5%

SPAWNING AREAS Very few observed. The
bottom was mostly silt covered rubble.

POOLS Fairly numerous pool-riffle = 1:1

SHELTER Scarce, some shelter by overhanging
overhanging boulders.

NAME OF STREAM Minor Creek
 BARRIERS AND DIVERSIONS Several 3-4' natural falls, but are probably not barriers, one very large log jam (1 mile up) is a complete barrier

FOOD Very little to be seen

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM Minor Creek
 FISH PRESENT: Species Steelhead

Size 1-3" fingerlings

Abundance High

Success Good

Condition Good

Nat. Propagation Adequate

Other Remarks Although conditions seemed poor for spawning, large numbers of salmonid fry were observed below the log jam (opposite "road" - not legible on original copy) No fingerlings were observed above log jam. No fish larger than 3" were seen anywhere on Minor Creek.

FISHING INTENSITY: Apparently light - no trails or fishing trash observed. Land is posted so any fishing is probably by owners or guests of Redwood Creek Ranch

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

Road from Redwood Valley Road runs through Redwood Creek up and parallel for about 1/4 mile on minor creek

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

Aquatic Plants - algae; winter flow - probably very high (50+ cfs). No observable pollution. No observed springs. Other vertebrates - frogs, snakes, deer, lizards. Other recreational use - hunting. Ownership - Redwood Creek Ranch. on surveyed section land is posted

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: MINOR CREEK Date: 7-28-66

Section: 1.5 MILES ABOVE REDWOOD CREEK TO REDWOOD CREEK

Observer: WEBSTER & FJELSTAD Water temperature: EST 65-75°

1. Percent at bottom covered with silt

☐ 0 - 25

☐ 26 - 50

☒ 51 - 75

☐ 76 - 100

2. Shelter

☒ - VERY LITTLE PRESENT
ORIGINALLY

☒ Present

☐ Partially removed

☐ Removed

3. Pools

☒ Present

☐ Partially eliminated

☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

☐ None

☒ Present

ONE HUGE LOG JAM

5. Barriers

☐ None

☒ Present; 1 Number

HUGE LOG JAM - SITED IN

6. Streamside canopy

☐ Present

☒ None present originally

☐ Partially removed

☐ Removed

7. Diversions

☒ None

☐ Present; _____ Number

8. Fish

Species: STEELHEAD ?

Abundance

☐ Rare

☐ Moderate

☒ High

9. Causes of damage

☒ Logging

☐ Dams

☐ Roads

☐ Logging

☐ County or State

☐ Other

☐ Other

Moderate

NAME OF STREAM Lacks Creek
REMARKS—GENERAL ESTIMATE—
RECOMMENDED MANAGEMENT

In spite of siltation from poor logging,
the stream seems to be very fertile
with fingerlings. The stream is an excellent
salmon + steelhead spawning stream but
it could be improved by removal or
diversion (sic) of the two falls barriers.

The pool to riffle ratio makes it
an ideal stream for resident trout,
which are already in moderate amounts
in upper portions. Stocking inadvisable
because of poor accessibility.

Some of the logs + debris should be
removed from the logged area in order to
prevent landslides in the lower stream
during high water periods.

(Copied by LaFaurie 6-26-75 from a poor
Xerox copy)

NAME OF SURVEYOR /s/ Webster

STATE OF CALIFORNIA
DEPARTMENT OF FISH AND GAME
STREAM SURVEY

NAME OF STREAM Lacks Creek CO. Humboldt
DATE 7-28-66 EXTENT OBSER. About 2 1/2 miles
upstream (or about 1/4 mile above second
series of falls) to Redwood-Lacks confluence
TRIB. TO Redwood Creek
RELATION TO OTHER WATERS —

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil;
Cultivation; Vegetation; Shade)

Much streambed unutilized this time
of year. Where unlogged, watershed consisted
of some conifers with mostly broad leaf trees
WIDTH 1 ft - 15 ft

DEPTH 2" - 5 ft

FLOW 1 - 1 1/2 cfs

VELOCITY 1 ft/sec

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

Mostly gravel + sand with some rubble
+ boulders. Bottom greatly silted from poor logging.

SPAWNING AREAS Excellent spawning gravel,
especially for steelhead + salmon.

POOLS Huge pools with good spawning gravel,
all the way down to logging road bridge.

SHELTER Boulders + cascading areas
offer good protection for fish

NAME OF STREAM Lacks Creek
 BARRIERS AND DIVERSIONS 1/4 mile from start a 6 ft falls, which hits a boulder at its base. 1 pool lower, a 7 ft falls - 1 mile from start, in a cascading section, a 5 ft falls which doesn't bar all salmonids, 1 pool lower, an 8 ft falls.
 FOOD limited amount of insect food. May fly & caddis fly observed. Snails abundant

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS			
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM Lacks Creek
 FISH PRESENT: Species Rainbow
 Size 1"-9"
 Abundance _____
 Success good
 Condition excellent
 Nat. Propagation excellent
 Other Remarks Natural propagation excellent up to first falls. Natural propagation moderate between falls. More larger fish 6"-8" seen than fingerlings. Above both falls no fry or fingerlings observed, but several trout 7"-8" were seen
 FISHING INTENSITY: Light intensity
No anglers observed.

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

Most of area is private land with several gates & locked gate barring entrance. Only accessibility is from logging road bridge about 1/2 mile from confluence

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

- small amounts of aquatic algae
- A very poor logging show took place in 1956 by Walker Bros (P) which deposited much silt in entire course of stream. Canopy taken away in several areas. During winter rains, slash & logs are washed downstream, tearing out the banks & causing huge land slides. One slide brought the Stever Bros Ranch to hire bulldozer to build a new channel for stream near the confluence

Other vertebrates: Many frogs & tadpoles; Kingfisher, 2 pt buck, 2 water snakes

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Lacks Creek Date: 7-28-66
Section: End of logging road (approx 1/2 mi upstream) to end of logged area (Lab)
Observer: WEBSTER Water temperature: 71° - 74°

1. Percent at bottom covered with silt

- ☐ 0 - 25
☒ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☐ None
☒ Present (logs & slash pushed into stream bed - (little in present water level))

5. Barriers

- ☐ None
☒ Present; 2 Number
Falls 6' & 8' (natural)

6. Streamside canopy

- ☐ Present
☐ None present originally
☒ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: Rainbow

Abundance

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☒ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

START: 1145
Finish: 1240
ANGERS: 0

Light

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Lacks creek Date: 7-28-66

Section: End of logged area to end of cascade + Falls area

Observer: Webster Water temperature: 74° - 73°

1. Percent at bottom covered with silt

- ☐ 0 - 25
☒ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

☐ None

☒ Present *mostly natural
From Flood damage*

5. Barriers

☐ None

☒ Present; 2 Number
2 falls 5 ft + 8 ft

6. Streamside canopy

- ☒ Present
☐ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: Rain bow

Abundance

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Start: 1245

Finish: 1305

Anglers: 0

Light

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Lacks Creek Date: 7-28-66
Section: End of cascading area To Confluence with Redwood Cr.
Observer: Webster Water temperature: 23° - 20°

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☐ None *Some logs & debris from flood damage*
☒ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☒ Present
☐ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: Rainbow

Abundance

- ☐ Rare
☐ Moderate
☒ High

9. Causes of damage

- ☒ Logging *stream altered to reach channel stream through slide, caused by upstream logging*
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

start: 1310
Finish: 1345
Anglers: 0

NAME OF STREAM Panther Creek

REMARKS—GENERAL ESTIMATE—
RECOMMENDED MANAGEMENT

According to loggers working in this area Panther Creek is utilized by a good number of steelhead spawners.

Resident trout are probably also present.

The headwaters have not been logged yet.

(Copied 7-17-75 by D.A. LaFauce from poor copy of Healey's original notes)

NAME OF SURVEYOR TS/ T. Healey

STATE OF CALIFORNIA
DEPARTMENT OF FISH AND GAME
STREAM SURVEY

Field Form

NAME OF STREAM Panther Creek CO. Humb.
DATE 7-27-66 EXTENT OBSER. Month to about 1 1/4 miles upstream

TRIB. TO Redwood Creek
RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil; Cultivation; Vegetation; Shade)

Situated in a steep sided V-shaped canyon heavily forested region of Virgin Redwood and Douglas Fir

WIDTH 4-6 Feet average

DEPTH 6" to about 3 Feet

FLOW estimated at 0.8 cfs

VELOCITY moderate to swift

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

Gravel and boulders

SPAWNING AREAS Numerous particularly for steelhead and of excellent quality

POOLS Many small pools

SHELTER Abundant consisting of fallen logs and boulders

NAME OF STREAM Panther Creek
 BARRIERS AND DIVERSIONS 6 log jams
not complete barriers present in
lower 1.0 miles of stream resulting
from logging on north slope of canyon
 FOOD Aquatic insects abundant.

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS			
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM _____
 FISH PRESENT: Species Rainbow trout observed
 Size fingerlings
 Abundance very abundant.
 Success _____
 Condition _____
 Nat. Propagation Yes
 Other Remarks The observed rainbow fingerlings
are probably steelhead progeny

FISHING INTENSITY: light

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)
Accessible by Simpson Timber
Company Road to Klamath Road

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Panther Creek Date: 9/27/66

Section: Mouth to about 1.3 Miles upstream

Observer: T. Healey Water temperature: 61° at 1500

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

6. Streamside canopy

- ☒ Present
☐ None present originally
☐ Partially removed
☐ Removed

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

8. Fish

Species: steelhead fingerlings

Abundance

- ☐ Rare
☐ Moderate
☒ High

4. Debris (slash, logs, tailings, etc.)

- ☐ None
☒ Present

9. Causes of damage

- ☒ Logging
☐ Dams
☐ Roads

5. Barriers

- ☒ None
☐ Present; _____ Number
☒ Log jams Present
but Not complete
obstruction to fish.
Number 6

- ☐ Logging
☐ County or State
☐ Other
☐ Other

10. EXTENT of damage
☐ extensive
☐ moderate
☒ slight

TOM MACDONALD CR TO PANTHER CR.

NAME OF STREAM REDWOOD CREEK

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

① OPEN + FLAT

② MANY BOULDERS, CASCADING WATER

③ SIMILAR TO ①, BUT FEW BOULDERS + POOLS; THIS AREA HAS BEEN LOGGED (AND IS BEING LOGGED), BUT THE OPERATIONS HAVE NOT AFFECTED THE STREAM AT ALL WATER

NAME OF SURVEYOR

CHRISTENSEN + HAIR - 7-27-66

California Department of Fish and Game

Field Form

STREAM SURVEY

NAME OF STREAM REDWOOD CREEK CO. HUMBoldt

DATE 7-27-66 EXTENT OBSER. ① MOUTH OF MCDONALD CR TO 3 MI UPSTREAM → ② 1/2 MI FURTHER UP STREAM → ③ MOUTH OF PANTHER CR

TRIB. TO PACIFIC OCEAN

RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil; Cultivation; Vegetation; Shade)

LOOSE SOIL, DEER, LITTLE TIMBER, FOREST + VEGETATION, PRACTICALLY NO SHADE ON ALL FISH STREAM

WIDTH 30 FT

DEPTH 2.5 FT

FLOW 24 CFS

VELOCITY 2 FT/SEC

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

① 90% SAND, 10% GRAVEL ② 50% SAND, 40% GRAVEL ③ 10% BOULDER, 90% SAND

SPAWNING AREAS 30% GRAVEL, 10% SAND
→ 30 OF BED NOW UNDER WATER

POOLS GOOD IN ①, FAIR IN ②, POOR IN ③

SHELTER MANY Boulders in ②, OTHER TWO SECTIONS ARE OPEN

FG 734

NAME OF STREAM REDWOOD CREEK

BARRIERS AND DIVERSIONS NONE

FOOD INSECT LIFE GOOD; AQUATIC PLANTS LACKING

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	STATION DATA		
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM REDWOOD CREEK

FISH PRESENT: Species STEELHEAD

Size 7 1/2

Abundance MODERATE

Success GOOD

Condition GOOD

Nat. Propagation YES

Other Remarks

FISHING INTENSITY: LIGHT RIGHT NOW

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

LOOKING FOR POTENTIAL CREEK
IN THE WAY

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

SPRINGS WITH NO POLLUTION
WILDLIFE BULKY, RACE CAR, 20 ST,
DOMESTIC SHEEP

①

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: RENNOLD CREEK Date: 7-27-66
Section: MOUTH OF McDONNELL CR TO 3 MILES UPSTREAM
Observer: CHRISTENSON & HARRIS Water temperature: 64° - 0950

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

6. Streamside canopy

- ☐ Present
☒ None present originally
☐ Partially removed
☐ Removed

2. Shelter

- ☐ Present
☐ Partially removed
☒ Removed NONE

7. Diversions

- ☒ None
☐ Present; _____ Number

3. Pools

- ☐ Present
☒ Partially eliminated NONE AT LOW WATER
☐ Eliminated

8. Fish

Species: ? (FRY)

Abundance

- ☐ Rare
☒ Moderate
☐ High

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

5. Barriers

- ☒ None
☐ Present; _____ Number

light

Hogman, Harold

(2)

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: REDWOOD CREEK Date: 7-27-66
Section: 3 MI FROM M⁶ DUNNELL C MOUTH TO 1 1/2 MI UPSTREAM
Observer: CHRISTENSEN Water temperature: _____

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☐ Present
☒ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: STEELHEAD - 7" d. LARGER
Abundance 6 (4 FRY) (1 ADULTS)

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Undamaged

(3)

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: REDWOOD CREEK Date: 7-27-66
Section: 1/4 MI FROM ^{MOUTH OF} Mc DONNELL CR TO MOUTH OF PANTHER
Observer: CHRISTENSEN, HARR Water temperature: 78° 1530

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☐ Present
☒ ~~Partially removed~~
INTERMITTENT
☐ Removed

3. Pools

- ☐ Present
☒ ~~Partially eliminated~~
INTERMITTENT
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☐ Present
☒ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: STEELHEAD - 7" & FR

Abundance

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Mc Donnell -> Panther

Light

Mc Donnell

NAME OF STREAM Bridge Cr.

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

Bridge creek runs through a wide gravel bar that is heavily silted & very light. Few steelhead fry were observed - the tight gravel & open areas seem to limit spawning & survival success. Log jam should be removed especially the 1st log jam barrier. It was impossible to determine if the 4 were complete barriers as the water was flowing under & between the logs at the time surveyed. If it is possible to break loose the gravel (after log jam clearance) this creek should be rep rated as the fry population now is very low. This creek could be an excellent spawning grounds for both steelhead & salmon. There are 3-4 miles of gravel beds.

NAME OF SURVEYOR

California Department of Fish and Game

STREAM SURVEY

NAME OF STREAM Bridge Cr. co Humboldt

DATE 7-27-66 EXTENT OF CR From mouth to 4 miles upstream

TRIBUTARY TO Redwood Cr.

RELATION TO OTHER WATERS Redwood Cr. Trib.
To Pacific Ocean at Orick, Calif.

WATERSHED AND IMMEDIATE DRAINAGE BASIN (Type Terrain; Soil; Cultivation; Vegetation; Shade)

V Shape canyon with 10-50 yd. silted gravel channel. Redwood forest with stream Alder & Maple. Slate & quartz gravel.

WIDTH 2-10' average 3 1/2'

DEPTH 3" - 5' average 5' in riffles and 15' in pools

FLOW 2 cfs throughout survey

VELOCITY 1 - 2 ft/sec.

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris) Mainly Slate & quartz gravel well silted & tight. Some bedrock & rubble towards headwaters.

SPAWNING AREAS 1-3 miles all spawning gravel. Well silted & extremely tight.

POOLS 1-3 pool to riffle area. Many pools formed by log jams & few from bedrock.

SHELTER Approx. 1/2 creek open without shelter due to wide channel and few trees, logs or bedrock.

Flooded areas for log jams & bedrock.

1400
0828

1400
0828

1400
0828

1400
0828

NAME OF STREAM Bridge Creek
 BARRIERS AND DIVERSIONS 4 barriers at summer flow formed by large log jams. These may be passable at high winter flows. No diversions.
 FOOD Not abundant. Few caddis fly, May fly, and damsel fly larvae. No hatches or terrestrial insects observed.

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	STATION DATA		
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM Bridge Cr.
 FISH PRESENT: Species Resident cutthroat trout and steelhead fry.
 Size 1-2" Cut 4-6" Steelhead fry.
 Abundance Light for both.
 Success Tight gravel + open areas Limit Success.
 Condition Good.
 Nat. Propagation Light at present.
 Other Remarks Water temperature 59° at mouth 54° 4 miles upstream.

FISHING INTENSITY: No signs of fishing observed, probably due to inaccessibility

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)
2 mile walk up Redwood Cr. from Tom M. Donald Cr. Road high on North ridge of dr.

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)
Algae throughout upper 2 miles. Winter conditions appeared very extreme. Flow of over 100 cfs expected. Deer, Frogs, Salamanders, possible Elk. Creek on Georgia Pacific land + open only by permit. Past stocking unknown.

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: BRIDGE CREEK Date: 7-28-66
Section: FROM 3 MILES UPSTREAM FROM MOUTH TO 4 MILES UPS
Observer: HARDY & PURGE Water temperature: 54°

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☐ None
☒ Present LOGS & DEBRIS

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☒ Present
☐ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: CUTTHROAT TROUT (RESIDE)

Abundance

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☒ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

WAGGERS - 0
TIME START END
1200 1320

1 TRIBUTARY 3.5 MILES UPSTREAM
FROM MOUTH 0.5 CFS.

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: BRIDGE CREEK

Date: 7-28-66

Section: FROM MOUTH TO 3 MILES UPSTREAM

Observer: HARRON & RORGE

Water temperature: 59°

1. Percent at bottom covered with silt

- ☐ 0 - 25
☒ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☐ Present
☒ Partially removed
☐ Removed

3. Pools

- ☒ Present SCARCE
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☐ None
☒ Present

5. Barriers

- ☐ None
☒ Present; 4 Number

ALL LOG JAMS
ONLY PARTIAL
BARRIERS.

6. Streamside canopy

- ☐ Present
☒ LITTLE
~~None~~ present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: CUTTHROAT TROUT &
STEELHEAD TROUT

Abundance

- ☒ Rare
☐ Moderate
☐ High

9. Causes of damage

- ☒ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

TIME START END
1015 1200

ANGLES - 0

1 TRIBUTARY 2 MILES UPSTREAM
FROM MOUTH OF CREEK

NAME OF STREAM Tom McDonald Creek

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

Log jams would be difficult
to remove — burning would
be the only possibility.
Very large redwood logs & full
trees in the streambed.

Moderate to heavy siltation
& sand in the stream.

NAME OF SURVEYOR J. R. Hair; Dick Burge

THE RESOURCES AGENCY OF CALIFORNIA

Department of Fish and Game

STREAM SURVEY

NAME OF STREAM Tom McDonald Creek Co. Humboldt

DATE 7/26/66 EXTENT OBSER. 1/8 mile above

confluence of McDonald Cr. forks to

" with Redwood Creek

TRIB. TO Redwood Creek

RELATION TO OTHER WATERS Redwood Creek →

Pacific Ocean

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil; Cultivation;
Vegetation; Shade)

Redwood forest. Logged, burned
& virgin. Shady.

WIDTH 3 - 6 feet

DEPTH 6" - 6 feet

FLOW 3 c.f.s.

VELOCITY 1 ft./sec

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

sand; 25% Rubble & gravel; 10%

Boulders; 15% Bedrock; 10% organic debris

SPAWNING AREAS Mostly sanded & silted
over; many small spawning
areas.

POOLS many; some deep ones,
mostly 2-3 ft. deep

SHELTER many logs in the stream
& some overhanging brush

Field Form

NAME OF STREAM Tom McDonald Creek

BARRIERS AND DIVERSIONS No diversions

Four upstream barriers (log) - natural.

FOOD Caddis fly larva in stream, flying insects, some aquatic vegetation (alga).

	STATION DATA		
STATIONS	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM Tom McDonald Creek

FISH PRESENT: Species Cutthroat trout, possibly Steelhead

Size 1" - 6"

Abundance many fry; some larger

Success -----

Condition appeared good

Nat. Propagation fairly good

Other Remarks Number of fry much higher nearer Redwood Creek

FISHING INTENSITY: No fishermen observed - no evidence of any fishing (tracks or trash).

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

No access roads. Very steep hard climb down from logging road.

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

One spring (small) about 1 1/2 mi up from confluence with Redwood Creek. Most of the area was logged & burned - little or no damage to stream. Stream was almost a continuous log jam - appeared to be all natural. Considerable bedrock in some sections. Water temp. 52° - 59° (upper area -> confluence with Redwood Cr.)

①
The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Tom McDonald Date: _____

Section: 1/2 mile above bridge - 1/2 mile downstream

Observer: Burge + Hair Water temperature: 52 - 54°

1. Percent at bottom covered with silt

☐ 0 - 25

☐ 26 - 50

☒ 51 - 75

☐ 76 - 100

+ sand

6. Streamside canopy

☐ Present

☐ None present originally

☒ Partially removed

☐ Removed

2. Shelter

☒ Present

☐ Partially removed

☐ Removed

7. Diversions

☒ None

☐ Present; _____ Number

3. Pools

☒ Present

☐ Partially eliminated

☐ Eliminated

8. Fish

Species: Cutthroat Trout

Abundance

☐ Rare

☒ Moderate

☐ High

4. Debris (slash, logs, tailings, etc.)

☐ None

☒ Present Natural + from fire damage

9. Causes of damage

☐ Logging

☐ Dams

☐ Roads

5. Barriers

☐ None

☒ Present; 2 Number

☐ Logging

☐ County or State

☐ Other

☒ Other Fire

Moderate

over

Creek a continuous log jam of large + small Redwood trees. Area burned lightly removing stream side vegetation in some areas. North side appeared to be logged. Little redwood trees. A few old burnt stumps.

(2)

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Tom M. Donald Date: 7-23-66
Section: To 1/2 mile above confluence with 400 cre
Observer: Borke & Blair Water temperature: 58-59°

1. Percent at bottom covered with silt

- ☐ 0 - 25
☐ 26 - 50
☒ 51 - 75
☐ 76 - 100

+ sand*

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☐ None
☒ Present Natural.

5. Barriers

- ☐ None
☒ Present; 2 Number

6. Streamside canopy

- ☒ Present
☐ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: _____

Abundance

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other

☒ Other Natural - barriers
caused by old Redwood
trees falling into stream.

Sand + silt - from crushed slate
very abundant.
No logging damage!
moderate

(3)

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Torre Pk. Creek Date: 7-27-66

Section: To confluence with Elmer's Run

Observer: Burns & Hill Water temperature: 59°

1. Percent at bottom covered with silt

- ☐ 0 - 25
☐ 26 - 50
☒ 51 - 75
☐ 76 - 100

2. Shelter

- ☒ Present
☐ Partially removed
☐ Removed

3. Pools

- ☒ Present
☐ Partially eliminated
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☐ None
☒ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☒ Present
☐ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☐ None
☐ Present; _____ Number

8. Fish

Species: Cottontail & probably
Abundance: Steelhead Fry

- ☐ Rare
☐ Moderate
☒ High (Fry) Cottontail
adult = Moderate

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☒ Other None.

The hillside above this section
was logged close to creek. No
damage done to creek.

Moderate

Gravel formed from broken slate + quartz.
 Slate had rough edges. Some small
 spawning areas of gravel observed
 sufficient for resident trout.

Water temperature

Water temperature

Gravel size

Gravel size

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size

Gravel size

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size

Gravel size ☐

Gravel size

Gravel size

Gravel size

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size (small, large, etc.)

Gravel size

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

Gravel size ☐

NAME OF STREAM REDWOOD CREEK

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

THE 2ND SECTION HAD BEEN
LOGGED BUT WAS NOT AFFECTING
THE STREAM AT THIS TIME—
(FALL RAINS WILL CAUSE MUCH
OF THE HILL SIDE SLASH TO END
UP IN THE CREEK)

1ST TRIBUTARY—MC ARTHUR CREEK
1 CFS, 55°

2ND " " " " " "
10 GAL/MIN 2ND COVER
54°

3RD " " " " " "
1 CFS—1ST BRIDGE
20 YDS FROM RIVER, 1ST
PHASISLE & ANADROMOUS
FISH—69°

4TH " " " " " "
44 CREEK—1 CFS
52°—IMPASSIBLE TO
ANADROMOUS FISH

NAME OF SURVEYOR

Christensen & Nozdy

Field Form

THE RESOURCES AGENCY OF CALIFORNIA

Department of Fish and Game

STREAM SURVEY

NAME OF STREAM REDWOOD CREEK CO. HUMBOLDT

DATE 7-26-66 EXTENT OBSER 0.5 mi

DRILL TO 44 MI. AVE. DRILL TO 41 MI

DRILL TO MOUTH OF 11TH RIVER

TRIB. TO PACIFIC OCEAN

RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN—(Type: Terrain; Soil; Cultivation; Vegetation; Shade)

1ST SECTION—SLOPE WITH

2ND SECTION—SLOPE WITH

VEGETATION—SLOPE ALONG CREEK

WIDTH ALONG EXISTENT

WATER 15 FT

DEPTH 0.75 FT

FLOW 18.0 CFS

VELOCITY 3.0 FT/SEC

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

SAND—80%; GRAVEL—10%; MUD—5%

SILT—5%

SPAWNING AREAS AT HIGH WATER 75% OF

CREEK BED CAN BE UTILIZED AT

SPAWNING BEDS

POOLS POOLS WERE VERY SCARCE

SHELTER FOR THE MOST PART, TOTALLY

LACKING AT LOW WATER

FO 734

NAME OF STREAM REDWOOD CREEK

BARRIERS AND DIVERSIONS NONE

FOOD INSECT LIFE PRESENT, NO AQUATIC
VEGETATION, MAYFLY LARVAE ABUNDANT
FOR SOUTHERN FISH

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

STATIONS	STATION DATA		
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	T C R S	T C R S	T C R S
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM REDWOOD CREEK

FISH PRESENT: Species SUCKER - SILVER TAIL - FRY

Size 1-3 IN.

Abundance MODERATE

Success -

Condition GOOD

Nat. Propagation YES

Other Remarks NO WATER SAMPLING 10/1/55 - FISHING

FISHING INTENSITY: LIGHT OR THERE IS
NO FISHING

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

LOGGING ROAD FOLLOWING CREEK ALL
THE WAY

ADDITIONAL DATA (Aquatic Plants, Water Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Fished or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

SECOND SECTION HAD BEEN LOGGED, BUT
THIS DID NOT AFFECT THE STREAM
EXCEPT FOR PATCHY OR SPOTTY SITUATION
AT LOW WATER, STREAM IS EXPOSED
EXPOSED WITH NO COVER FOR FISH
FROGS & TOADPOLES CAN BE EASILY NOTED

ORICK TO TOM MACKINAW CO.

FROM DFG, EUREKA FILES

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: REDWOOD CREEK Date: 7-26-66

Section: BRIDGE 1 1/2 MILES UPSTREAM FROM ORICK TO 4 1/2 MI FROM ORICK

Observer: CHRISTENSEN, HARDY Water temperature: 58.5° / 0930

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☐ Present
☐ Partially removed
☒ Removed

3. Pools

- ☐ Present
☐ Partially eliminated
☒ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☐ Present
☒ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: SUCKERS (FRY)

Abundance

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Severe

Heaven Travel

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: REDWOOD CREEK Date: 7-26-66
Section: 4 1/2 MI FROM MOUTH TO MOUTH OF Mc DONNELL CREEK
Observer: CHRISTENSEN, HARRY Water temperature: 74° / 1330

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☐ Present
☐ Partially removed
☒ Removed NONE THERE
IN 1st PLACE

3. Pools

- ☐ Present
☒ ~~Partially eliminated~~
VERY SPARSE
☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☐ Present
☒ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☒ None
☐ Present; _____ Number

8. Fish

Species: FRY: SUCKERS & SILVER SHAD

Abundance

- ☐ Rare
☒ Moderate
☐ High

9. Causes of damage

- ☐ Logging
☐ Dams
☐ Roads
☐ Logging
☐ County or State
☐ Other
☐ Other

Light

Normal channel

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Redwood Cr. Date: 7/26/64
Section: Orick to Bridge 1 1/2 miles ups
Observer: R. House Water temperature: _____

1. Percent at bottom covered with silt

- ☒ 0 - 25
☐ 26 - 50
☐ 51 - 75
☐ 76 - 100

2. Shelter

- ☐ Present
☐ Partially removed
☒ Removed

3. Pools

- ☐ Present
☐ Partially eliminated
☒ Eliminated

4. Debris (slash, logs, tailings, etc.)

- ☒ None
☐ Present

5. Barriers

- ☒ None
☐ Present; _____ Number

6. Streamside canopy

- ☐ Present
☒ None present originally
☐ Partially removed
☐ Removed

7. Diversions

- ☐ None
☐ Present; _____ Number

8. Fish

Species: _____

Abundance

- ☐ Rare
☐ Moderate
☐ High

9. Causes of damage

- ☒ Logging
☐ Dams
☒ Roads
☒ Logging
☒ County or State
☐ Other
☐ Other

Severe

Heavy Gravel

NAME OF STREAM Last Man Creek

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

Water murky.

California Department of Fish and Game

Field Form

STREAM SURVEY

NAME OF STREAM Last Man Creek co. Humboldt

DATE 7-26-66 EXTENT OBSER. 1 mile above
Prairie Creek Hatchery to Prairie Creek
Hatchery

TRIB. TO Prairie Creek to Redwood Creek

RELATION TO OTHER WATERS

WATERSHED AND IMMED. DRAINAGE BASIN (Type: Terrain; Soil; Cultivation; Vegetation; Shade)

Second growth section 1 forested hill
and brush thick in section. Fls.
gravel beds along south bank.

WIDTH 3 to 15 feet.

DEPTH riffles average about 6". Pools
up to 5 or 6 ft.

FLOW 3 cfs.

VELOCITY sluggish to rapid

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

rubble along most of section. Pools
quite silty. Gravel in upper section.

SPAWNING AREAS A few small areas in the
upper portion but generally poor
for spawning

POOLS frequent & deep. Most pools
silted.

SHELTER Alder covers much of stream.

NAME OF SURVEYOR Mullen & Fjelstad

NAME OF STREAM Lost Man Creek
BARRIERS AND DIVERSIONS Water supply dam for
France Creek Hatchery acts both as a
barrier and a diversion.

FOOD Caddis fly larvae & mosquito larva
seen.

STATIONS	STATION DATA		
	No. 1	No. 2	No. 3
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			
STATIONS	STATION DATA		
	No. 4	No. 5	No. 6
Location of Station			
Width			
Depth			
Bottom			
Spawn. Area			
Flow			
Velocity	TCRS	TCRS	TCRS
Stream Condition			
Water Temp.			
Air Temp.			
Time and Date			
Weather			
Altitude			

NAME OF STREAM Lost Man Creek
FISH PRESENT: Species -

Size Fingerlings

Abundance high

Success

Condition

Nat. Propagation

Other Remarks probably salmonid fingerlings
although some may have been
3-spined sticklebacks

FISHING INTENSITY: light

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

Easily accessible from ARCO
logging road

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

Many tadpoles and some sort
of eggs seen. Eggs may be
frog eggs. Thick filamentous algae
growing in most of slower water

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: LOST MAN CREEK

Date: 7-26-66

Section: 1 MILE ABOVE PRAIRE CREEK HATCHERY TO PRAIRE CREEK

Observer: MULLEN & FJELSTAD

Water temperature: 66° - 66°

1. Percent at bottom covered with silt

☐ 0 - 25

☒ 26 - 50

☐ 51 - 75

☐ 76 - 100

2. Shelter

☒ Present

☐ Partially removed

☐ Removed

3. Pools

☒ Present

☐ Partially eliminated

☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

☒ None

☐ Present

5. Barriers

☐ None

☒ Present; 1 Number

CONCRETE DAM 1/2 MILE
ABOVE P.C. HATCHERY

6. Streamside canopy

☒ Present

☐ None present originally

☐ Partially removed

☐ Removed

7. Diversions

☐ None

☒ Present; 1 Number

8. Fish DIVERSION AT DAM (SEE 5.)
TO P.C. HATCHERY

Species: ?

Abundance

☐ Rare

☒ Moderate

☐ High

9. Causes of damage - NONE

☐ Logging

☐ Dams

☐ Roads

☐ Logging

☐ County or State

☐ Other

☐ Other

Undamaged

XERO COPY
NAME OF STREAM

Lost Man Creek

REMARKS—GENERAL ESTIMATE—RECOMMENDED MANAGEMENT

Natural debris and deep pools
provide excellent habitat for
resident trout. Some spawning
gravel could be made accessible
to anadromous fish by removal
of barrier.

NAME OF SURVEYOR

Warner, Webster

California Department of Fish and Game

Field Form

STREAM SURVEY

NAME OF STREAM Lost Man Creek Co. Humboldt

DATE 6-26-66 EXTENT OBSER. From 2 miles upstream
from confluence with Prairie Creek to
1 mi. upstream from confluence

TRIB. TO Prairie Creek to Redwood Creek

RELATION TO OTHER WATERS

WATERSHED AND IMMEDIATE DRAINAGE BASIN (Type; Terrain; Soil; Cultivation; Vegetation; Shade)

Virgin Redwood Forest Alder along
creekbed. Moderate gradient.
Sides of canyon were steep

WIDTH from 2' to 8'

DEPTH from 2" to 6'

FLOW 2 cfs.

VELOCITY rapid

BOTTOM (Bedrock, Boulder, Rubble, Gravel, Sand, Mud, Silt, Organic Debris)

Rubble and Gravel with some
sand.

SPAWNING AREAS Good spawning areas for
resident trout and anadromous fish

POOLS frequent and very deep

SHELTER Good shelter from natural
logs and debris

NAME OF STREAM Last Man Creek

BARRIERS AND DIVERSIONS

One natural log barrier between two closely spaced logging bridges about 1 1/2 mile from confluence

FOOD Aquatic insects were plentiful
Caddis and stone fly larvae identified

STATION DATA

STATIONS

No. 1

No. 2

No. 3

Location of Station

Width

Depth

Bottom

Spawn. Area

Flow

Velocity

T C R S

T C R S

T C R S

Stream Condition

Water Temp.

Air Temp.

Time and Date

Weather

Altitude

STATIONS

No. 4

No. 5

No. 6

Location of Station

Width

Depth

Bottom

Spawn. Area

Flow

Velocity

T C R S

T C R S

T C R S

Stream Condition

Water Temp.

Air Temp.

Time and Date

Weather

Altitude

NAME OF STREAM Last Man Creek

FISH PRESENT: Species Trout (species unknown)

Size 2" to 5"

Abundance Moderate

Success

Condition

Nat. Propagation Many fingerlings observed

Other Remarks

FISHING INTENSITY: Light, No Anglers observed

ACCESSIBILITY AND REMARKS ON ROUTE (Road or Trail, Mileage and Time)

Logging road parallels creek
Road crosses creek three times
All area open

ADDITIONAL DATA (Aquatic Plants, Winter Conditions, Pollution, Springs, Other Vertebrates, Other Recreational Use, Ownership, Posted or Open, Past Stocking, Other Names, Names and Accuracy of Maps, Sketch Map, Photograph, Other References.)

Small ant algae
streambed altered to facilitate a
loading zone about 1/4 mile upstream
tributary with 1 cfs. about 1 1/4 mi
above confluence.
no observed posted property - none
logged. Small ants of debris pushed
into stream during road construction

The Resources Agency of California
Department of Fish and Game

STREAM HABITAT SURVEY

Stream: Lost Man Creek Date: 7-26-66

Section: From 2 mi to 1 mi upstream from confluence of Lost

Observer: Werner & Webster Water temperature: 59° - 59°

1. Percent at bottom covered with silt

☒ 0 - 25

☐ 26 - 50

☐ 51 - 75

☐ 76 - 100

2. Shelter

☒ Present

☐ Partially removed

☐ Removed

3. Pools

☒ Present

☐ Partially eliminated

☐ Eliminated

4. Debris (slash, logs, tailings, etc.)

☐ None

☒ Present Small amount

5. Barriers

☐ None

☒ Present; 1 Number
natural log barrier

6. Streamside canopy

☒ Present

☐ None present originally

☐ Partially removed

☐ Removed

7. Diversions

☒ None

☐ Present; _____ Number

8. Fish

Species: trout (species unknown)

Abundance

☐ Rare

☒ Moderate

☐ High

9. Causes of damage

☐ Logging

☐ Dams

☒ Roads Some trees pushed in

☐ Logging Creek, on area of

☐ County or State bulldozed area

☐ Other

☐ Other

Start: 1415

Finish: 1500

Anglers: 0

Light