

PERSONAL JOURNAL ENTRY FROM JUSTIN GARWOOD, WHO
HELPED STEVE TUSSENG SAMPLE FOR HIS HSU GRAD
PROJECT FOR ONE DAY ONLY.

J. GARWOOD
2000

JOURNAL

OCTOBER, 15 PRAIRIE CREEK STATE PARK, ORICK, CALIFORNIA

TIME: 9:00 AM

WEATHER: CALM, 100% CLOUD COVER, AIRTEMP 53.9°F

LOCATION: STRELOW CREEK, LOCATED IN THE
PRAIRIE CREEK DRAINAGE.

PURPOSE: TODAY I AM HELPING STEVE, A GRAD
STUDENT ON A MARK AND RECAPTURE
STUDY FOR CUTTHROAT TROUT. HE IS LOOKING
AT FISH MOVEMENT OVER TIME. WE ARE
CAPTURING THE FISH WITH AN ELECTROFISHER.
THE FISH THAT ARE PART OF THE MARKING
STUDY HAVE A CLIPPED ADIPOSE FIN AND
A P.I.T. TAG. ALL OTHER FISH WILL ALSO
BE MEASURED (TROUT), STICKLEBACKS AND SCUPIN
WILL BE COUNTED. FIVE HABITAT UNITS
IS OUR GOAL TODAY. STEVE HAS THE
UNITS MARKED OFF, THEY ARE ALL
POOL TYPE HABITATS.

DRAINAGE HABITAT: THE RIPARIAN ZONE IS
PRIMARILY ALDER THAT ARE APPROXIMATELY
24 METERS TALL. MANY OF THE LEAFS
HAVE FALLEN ALREADY. THE FOREST FLOOR
IS FULL OF DENSE FERNS. I CAN HEAR
MANY ^{QUAIL} ~~QUAKE~~ CHATTERING AROUND US.

FISH IDENTIFICATION: A GOOD THING TO
KNOW IS THAT SOMETIMES STEELHEAD
WILL HAVE FAINT RED THROATS LIKE
CUTTHROAT TROUT. CUTTHROAT CAN HAVE
HIGH COLOR VARIATION IN THEIR THROATS
(SOME DARKER RED THAN OTHERS.). THE

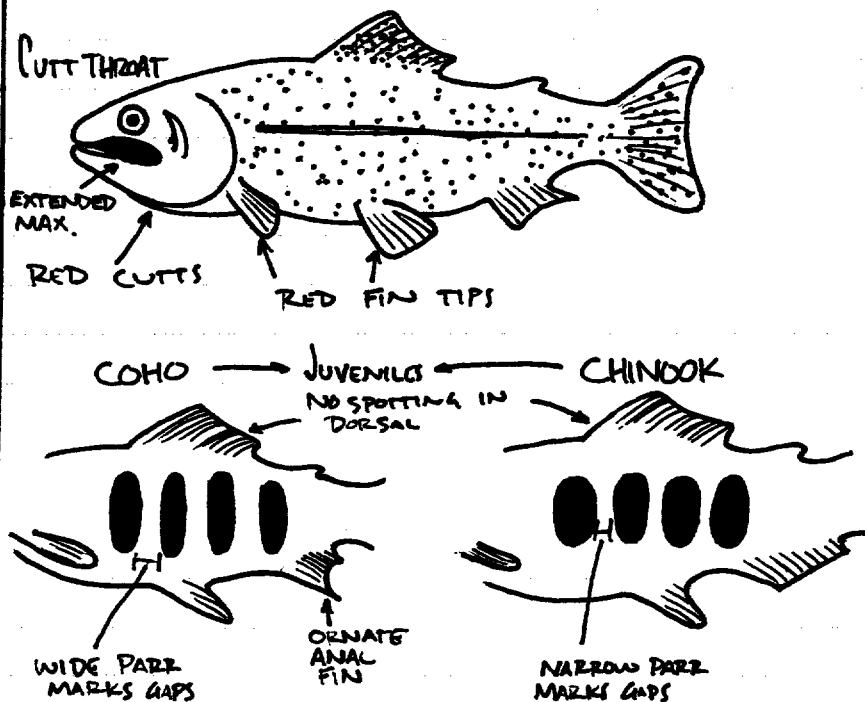
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J. CARWOOD
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OCTOBER, 15 PRARIE CREEK REDWOODS CONTINUED...

LITERATURE SAYS THAT STEELHEAD WILL NOT HAVE SPOTTING BELOW THE LATERAL LINE BUT STEVE SAYS THAT'S A WRONG STATEMENT. CUTTHROAT ALSO HAVE HIGHLY SPOTTED DORSAL FINS AND ARE HIGHLY SPOTTED ON THERE SIDES. THERE MAXILIARY ALSO EXTENDS BEYOND THE POSTERIOR MARGIN OF THERE EYE. COHO HAVE A REALLY LONG AND CURVED POSTERIOR MARGIN ANAL FIN THAT MAKES IT QUITE ORNATE. YOU CAN ALSO FIT THE WIDTH OF A PARR MARK BETWEEN TWO PARR MARKS ON COHO. WITH CHINOOK YOU CANNOT FIT A PARR MARK IN BETWEEN.



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OCTOBER 15

PRAIRIE CREEK REDWOODS CONTINUED...

UNIT #1

TYPE: LARGE POOL ~12M LONG X ~4M WIDE
LARGE PILE OF WOOD DEBRIS IN MIDDLE OF
THE POOL THAT IS ABOUT HALF THE SIZE OF THE
POOL ITSELF.

PASSES: (1 PASS = ELKTROFISH UP THE POOL THEN BACK DOWN)
= 1 PASS FOR UNIT #1.

SPECIES	# CAUGHT
CUTTHROAT	8
COHO	19
TROUT	2
STICKLEBACK (THREESPIKE)	10
AMMOCETE LARVAE (PACIFIC LAMPREY)	7
PACIFIC GIANT SALAMANDER	1

UNIT #2

TYPE: LONG AND CURVES, UNDERCUT BANKS ~8M LONG

PASSES: 1

GENERAL: WE HAD ONE CUTTHROAT MORTALITY. TRIED
INDUCED RESPIRATION BY LIGHTLY PUSHING ON HEART.
CAUGHT A LARGE MALE STICKLEBACK WITH BRIGHT
RED BREEDING PLUMAGE UNDER HIS GILLS, BEAUTIFUL!!

SPECIES	# CAUGHT
CUTTHROAT (3 PIT TAGGED)	13
COHO	3Y
TROUT	3
STICKLEBACK	2
AMMOCETE	1
PACIFIC GIANT SALAMANDER	1

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OCTOBER 15 PRARIE CREEK REMOODS CONTINUED...

UNIT #3 ~5M LONG X ~3M WIDE, SHALLOW (1 PASS)

SPECIES	# CAUGHT
CUTTHROAT (ONE WAS 190mm, 78.31g ^{WITH PIT TAG})	6
COHO	21
TROUT	1
STICKLEBACK	2
AMMOCETE	0
PACIFIC GIANT SALAMANDER	1

UNIT #4 POOL ~7M LONG X ~4M WIDE X ~1M DEEP

SPECIES (1 PASS)	# CAUGHT
CUTTHROAT (ONE WAS 208mm, 99.31g) LUNKER!	6
COHO	32
TROUT	1 ~~X~~
STICKLEBACK	3
AMMOCETE	3
PRICKLY SCULPIN	1
PACIFIC GIANT SALAMANDER	3

UNIT #5 SPLIT POOL WITH RIFFLE BETWEEN.
~9M LONG X ~3M WIDE. LOTS OF WOOD IN POOL.

PASSES: 4, DEPRESSION POOL.

SPECIES	# CAUGHT
CUTTHROAT	8
COHO	13
TROUT	5
STICKLEBACK	3
AMMOCETE	0
PACIFIC GIANT SALAMANDER	5