

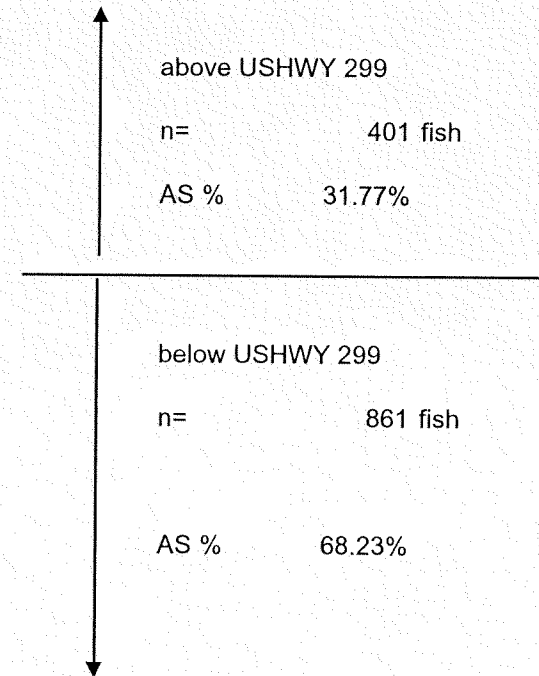


2001 Mad River Snorkel Survey
CDFG S-Ramp

REF 90536

2001 Mad River Snorkel Survey from Blue Lake Br to US1001 BR

| Hab type | Steelhead | | Chinook Salmon | Total |
|------------|-----------|--------|----------------|-------|
| | 1/2 lbers | Adults | | |
| 1 pool | 20 | 25 | 1 | 46 |
| 2 pool | 3 | 1 | 1 | 5 |
| 3 Run | 5 | 5 | 1 | 11 |
| 4 pool | 50 | 45 | 1 | 96 |
| 5 pool | 30 | 35 | 2 | 67 |
| 6 pool | 30 | 30 | 0 | 60 |
| 7 pool | 5 | 3 | 0 | 8 |
| 8 pool | 20 | 50 | 20 | 90 |
| 9 pool | 7 | 5 | 6 | 18 |
| 10 pool | 0 | 0 | 3 | 3 |
| 11 pool | 25 | 21 | 0 | 46 |
| 12 Glide | 16 | 10 | 0 | 26 |
| 13 pool | 25 | 23 | 8 | 56 |
| 14 Run | 15 | 15 | 0 | 30 |
| 15 Run | 15 | 15 | 1 | 31 |
| 16 pool | 60 | 100 | 7 | 167 |
| 17 Run | 30 | 25 | 0 | 55 |
| 18 Culvert | 15 | 10 | 0 | 25 |
| 19 Run | 10 | 8 | 0 | 18 |
| 20 Run | 85 | 76 | 3 | 164 |
| 21 Run | 24 | 17 | 27 | 68 |
| 22 pool | 15 | 20 | 85 | 120 |
| 23 pool | 10 | 17 | 25 | 52 |
| | 515 | 556 | 191 | 1262 |
| n= | 1262 | | | |



2001 Dives

Reach Mad River from Blue Lk Br downstream to USHWY101 BR
Surveyors: Mike Gillmore and Randy Turner
Date: 9/20/2001
Start: 1015
End: 1800
Weather: Overcast at the start, periods of sunny skies throughout the day,
fog covering lower portions of the reach.
1/2 lbers: 12-16 inches
Adult SH > 16 inches

Habitat Units

Pool 5 was the last pool containing fish upstream of Green Train Tressle Br
Pool 8 Humboldt Bay Water District Pool is due to man made structure (pumps)
of intake of water. Deepest pool observed above 299.
Pool 9 last habitat surveyed containing fish above HWY 299.

Notes: Gravel extractors ruining potential spawning grounds by removing the good
substrate, and leaving fines behind. Also evidence of compacting
good gravels into the stream bed.

Few numbers of juvenile salmonids seen, large numbers of sticklebacks seen.

| Hab type | Steelhead 1/2 lbers | Adults | Chinook Salmon | Total |
|------------|------------------------|------------|----------------|-------------|
| 18 Culvert | 15 | 10 | 0 | 25 |
| 12 Glide | 16 | 10 | 0 | 26 |
| 1 pool | 20 | 25 | 1 | 46 |
| 2 pool | 3 | 1 | 1 | 5 |
| 4 pool | 50 | 45 | 1 | 96 |
| 5 pool | 30 | 35 | 2 | 67 |
| 6 pool | 30 | 30 | 0 | 60 |
| 7 pool | 5 | 3 | 0 | 8 |
| 8 pool | 20 | 50 | 20 | 90 |
| 9 pool | 7 | 5 | 6 | 18 |
| 10 pool | 0 | 0 | 3 | 3 |
| 11 pool | 25 | 21 | 0 | 46 |
| 13 pool | 25 | 23 | 8 | 56 |
| 16 pool | 60 | 100 | 7 | 167 |
| 22 pool | 15 | 20 | 85 | 120 |
| 23 pool | 10 | 17 | 25 | 52 |
| 3 Run | 5 | 5 | 1 | 11 |
| 14 Run | 15 | 15 | 0 | 30 |
| 15 Run | 15 | 15 | 1 | 31 |
| 17 Run | 30 | 25 | 0 | 55 |
| 19 Run | 10 | 8 | 0 | 18 |
| 20 Run | 85 | 76 | 3 | 164 |
| 21 Run | 24 | 17 | 27 | 68 |
| | 515 | 556 | 191 | 1262 |

| # of 1/2 in: n | as % |
|----------------|------------|
| pool | 300 58.25% |
| run | 184 35.73% |
| glide | 16 3.11% |
| culvert | 15 2.91% |

515

| # of adult SH in: | as % |
|-------------------|------------|
| pool | 375 67.45% |
| run | 161 28.96% |
| glide | 10 1.80% |
| culvert | 10 1.80% |

556

| # of adult KS in: | as % |
|-------------------|------------|
| pool | 159 83.25% |
| run | 32 16.75% |
| glide | 0 0.00% |
| culvert | 0 0.00% |

191

1262

REF 90536

From: Michael Sparkman
To: Shannon, Connie
Date: 7/19/02 4:02PM
Subject: mad river dives

Hi Connie,
Attached is an excell spreadsheet with results of last year's dive on the lower mad river.
Mike
ps we plan on doing it again this year.

Michael D. Sparkman
Biologist Marine/Fisheries
CDFG SRAMP
50 Ericson Court
Arcata, Ca. 95521
(707) 825-4856

From: Michael Sparkman
To: Shannon, Connie
Date: 7/19/02 4:53PM
Subject: Re: mad river dives

Yes, that is the only reaches we are currently diving. Sorry about not realizing that the dives did extend much further upstream a few years ago. When I first joined with SRAMP, they had just finished dives in the upper Mad, and it was quite dangerous for a few individuals. So, they (SRAMP) decided to keep the dives to the lowermost reach, to make a long story short. Simpson also restricted their summer steelhead dives: however, their dives are much further upstream than ours. I am interested in summer steelhead counts in the mad river, yet we don't have the time nor people to do the dives. Sorry about the confusion.

Mike

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