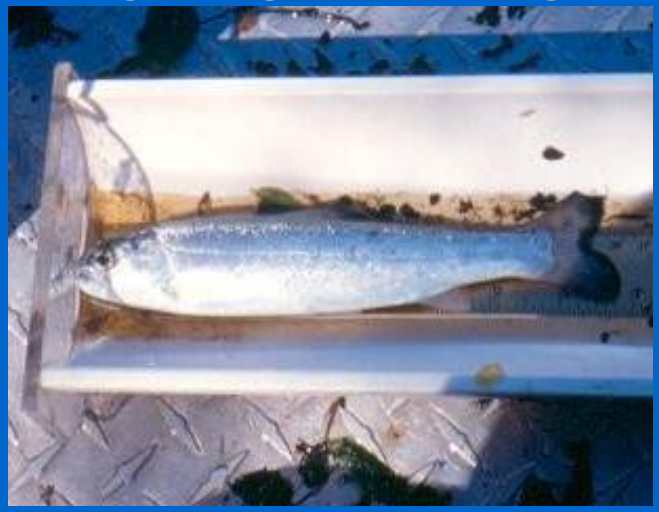
SONOMA COUNTY WATER AGENCY

Fisheries Monitoring Activities on Dry Creek

Dry Creek Anadromous Salmonids

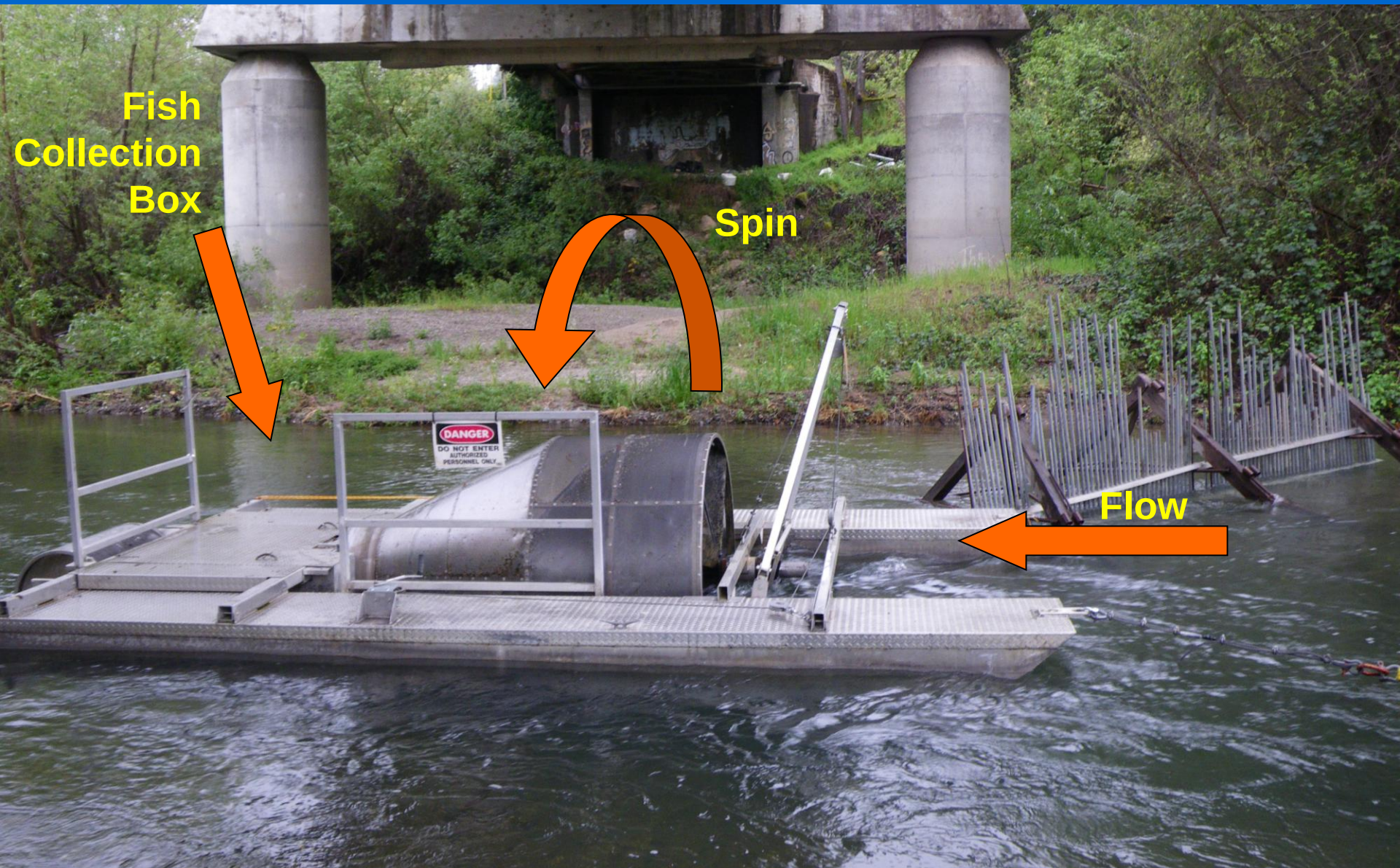
Chinook salmon smolt
Avg. length: 2.4”, Age: 0+

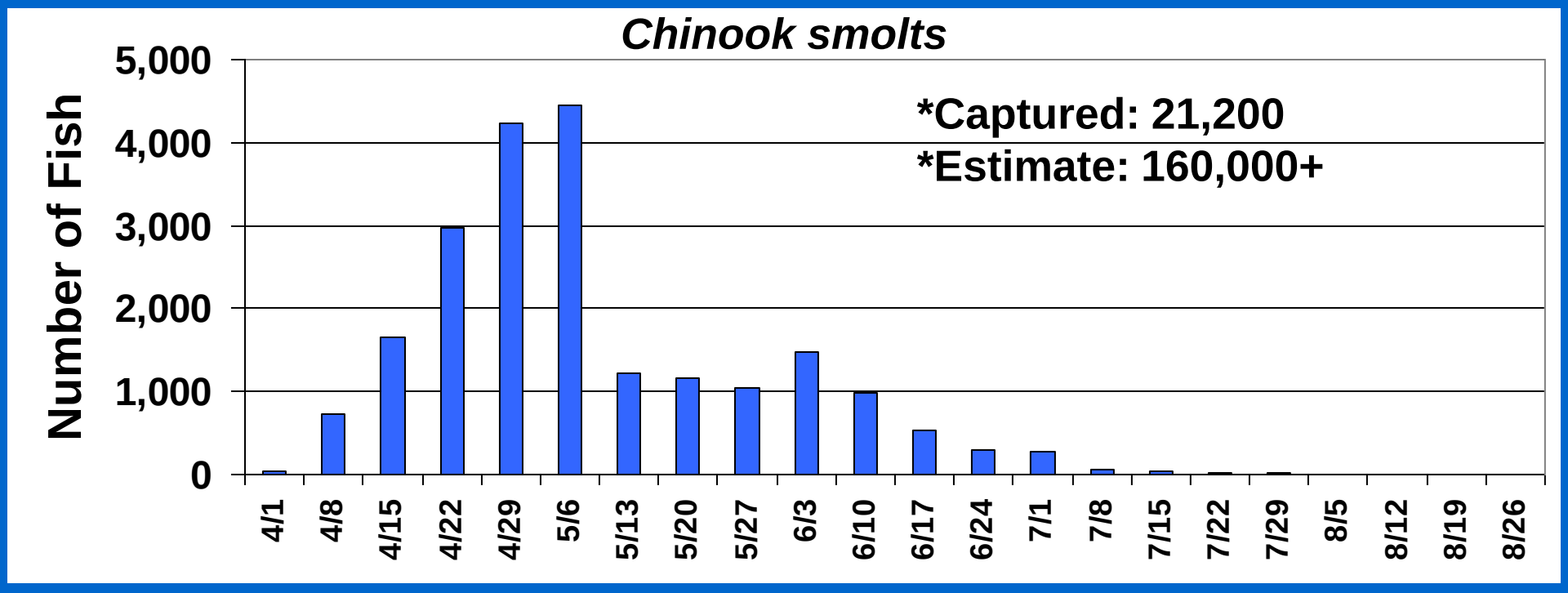
Steelhead smolt
Avg. length: 6.5”, Age: 2+

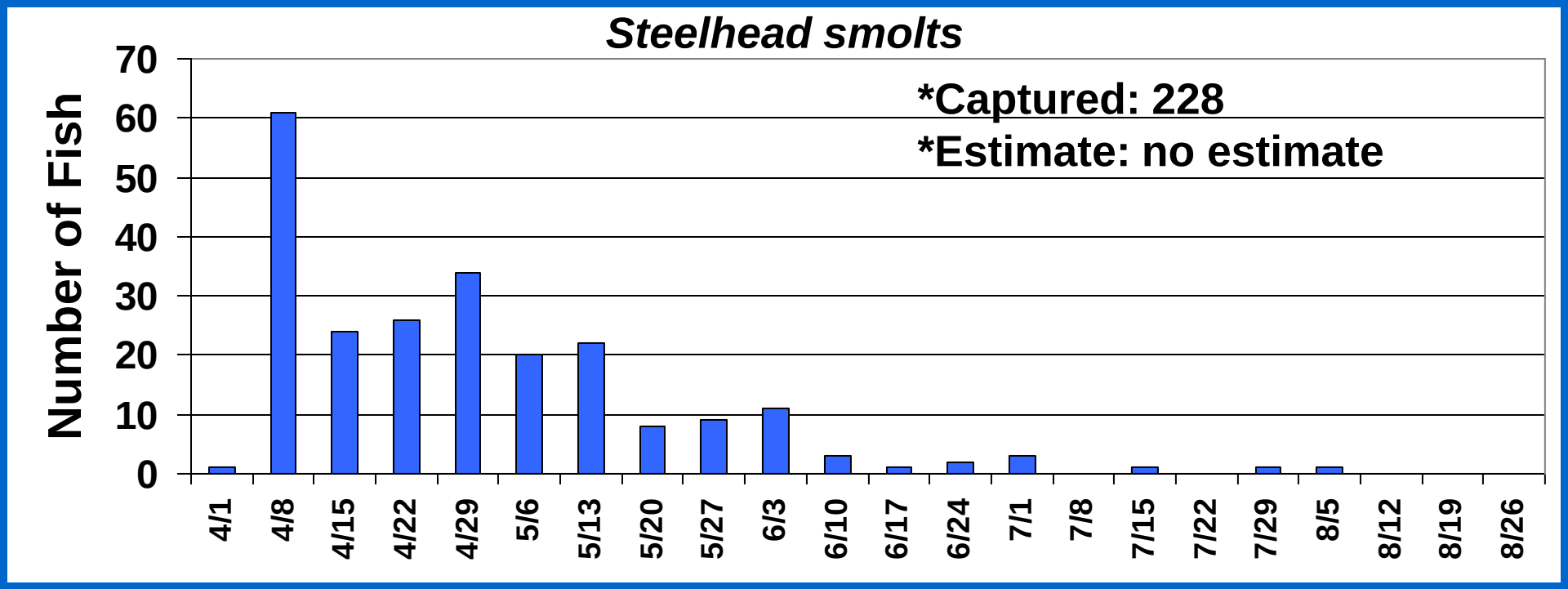


Coho salmon smolt
Avg. length: 5.1”, Age: 1+

Dry Creek, Westside Road
Rotary Screw Trap, 2009

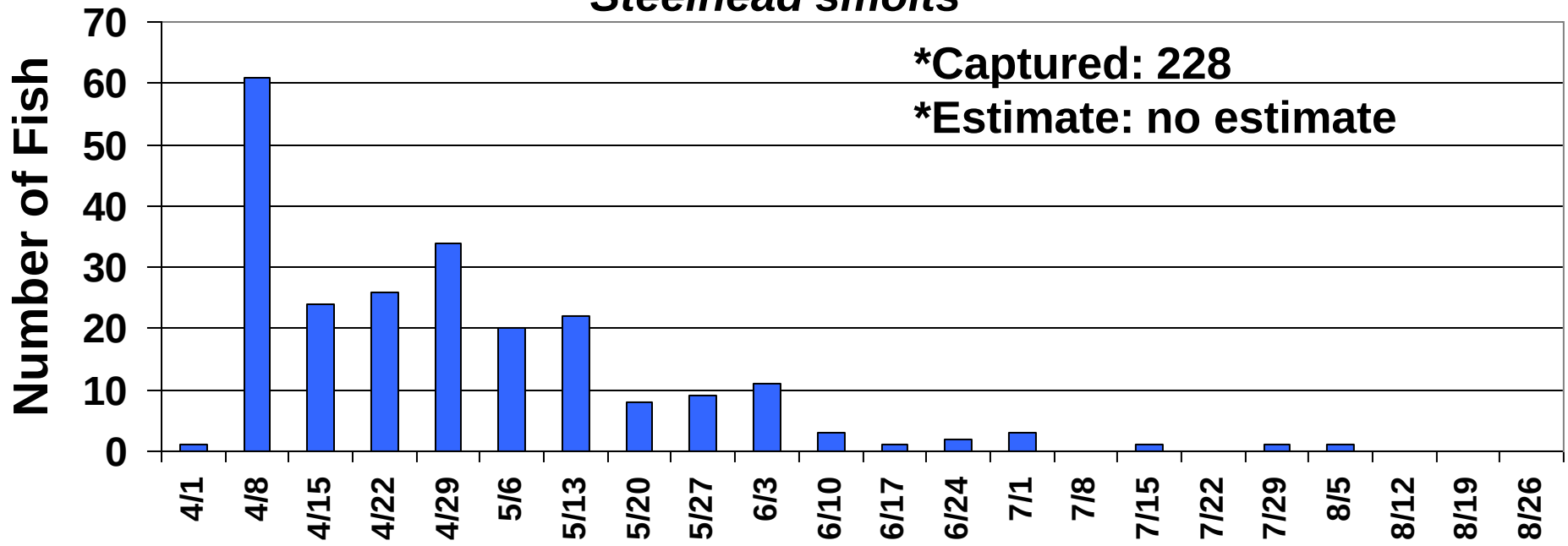



Chinook smolts
Number of Fish
5,000
4,000
3,000
2,000
1,000
0
*Captured: 21,200
*Estimate: 160,000+
4/1
4/8
4/15
4/22
4/29
5/6
5/13
5/20
5/27
6/3
6/10
6/17
6/24
7/1
7/8
7/15
7/22
7/29
8/5
8/12
8/19
8/26

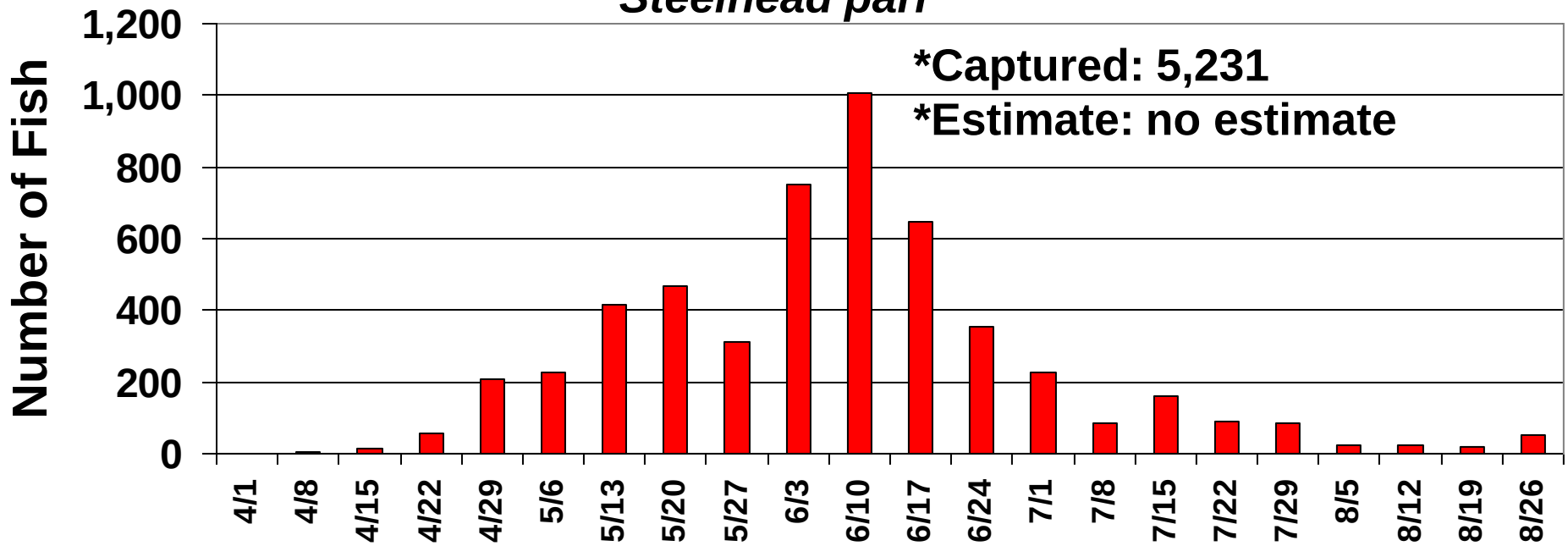

Steelhead smolts
Number of Fish
70
60
50
40
30
20
10
0
*Captured: 228
*Estimate: no estimate
4/1
4/8
4/15
4/22
4/29
5/6
5/13
5/20
5/27
6/3
6/10
6/17
6/24
7/1
7/8
7/15
7/22
7/29
8/5
8/12
8/19
8/26

Steelhead Parr

Steelhead smolts



Steelhead parr



Juvenile Sampling, Fall (2008 & 2009)

Snorkeling observations

Backpack electrofishing

PIT tagging

Juvenile Sampling, Fall (2008 & 2009)

- **Fewer juvenile steelhead in 2009 as compared to 2008**
- **General trend of larger steelhead downstream as compared to upstream**
- **Differences in emigration between reaches (based on PIT tagging) MAY suggest differences in habitat quality**
- **No coho (except for a very few in the smolt trap)**