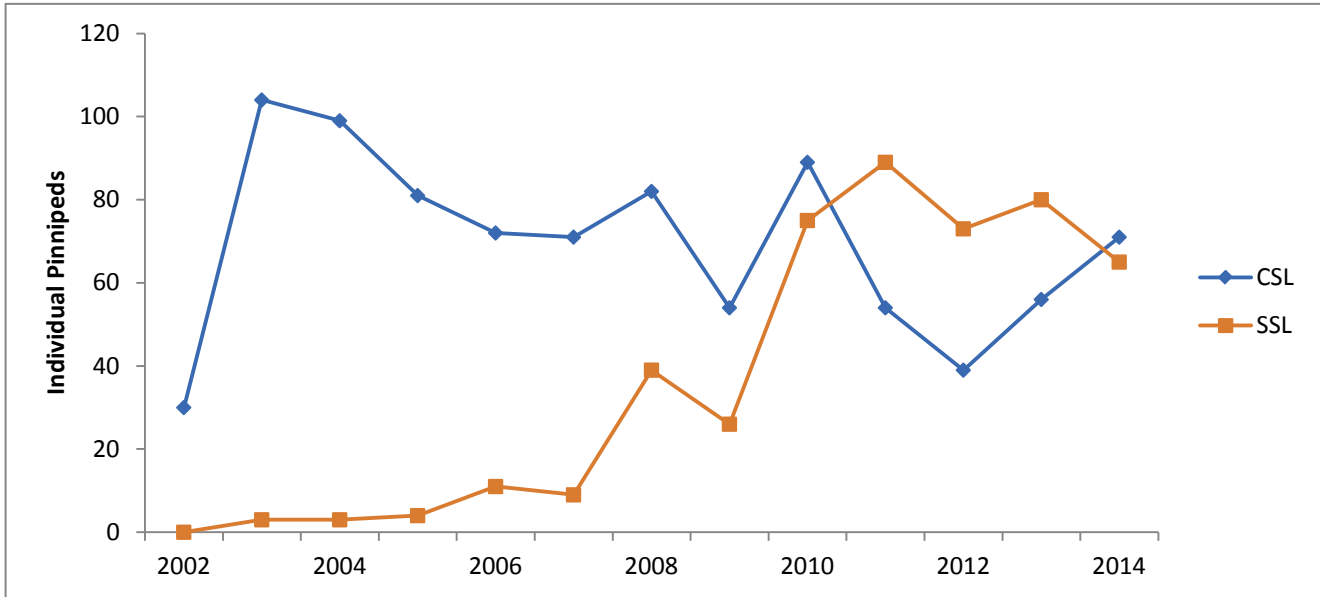


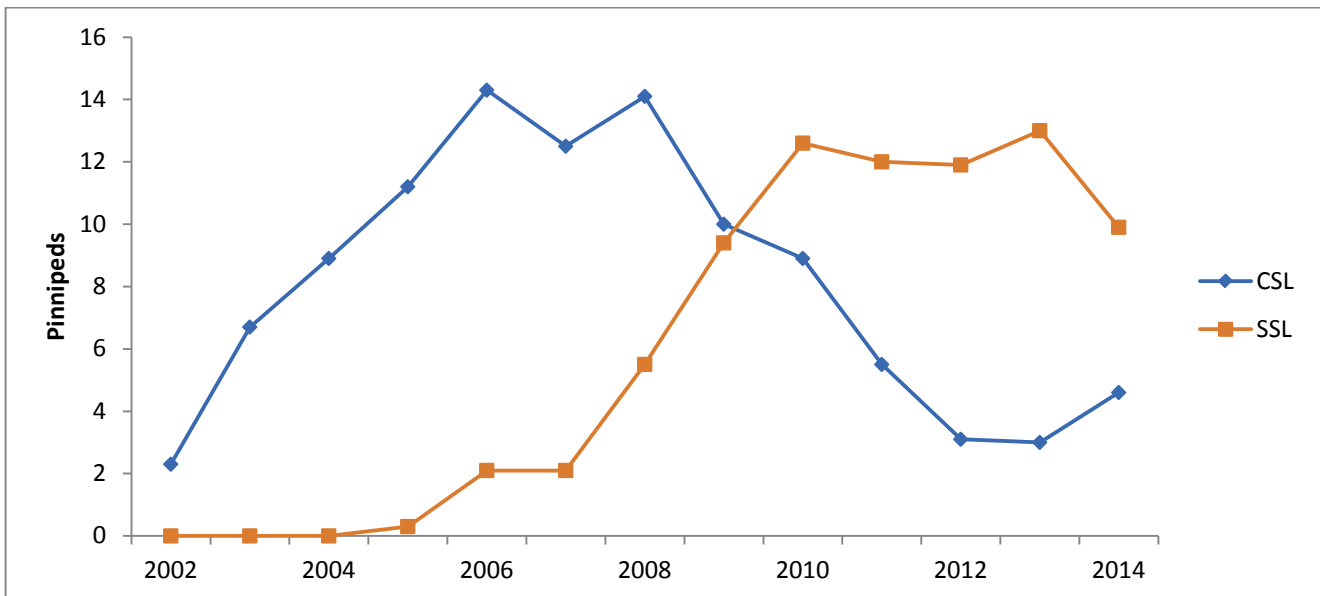
1. Annual Pinniped Abundance (2002-2014)

- SSL = 65 individuals in 2014, decrease from 2013
- CSL = 71 individuals in 2014, increase from 2013
- 2014 was similar to 2010 when we had an influx of “new” CSLs at Bonneville.
- 2014 had approximately two-thirds “new” CSLs and one-third “repeat” individuals.



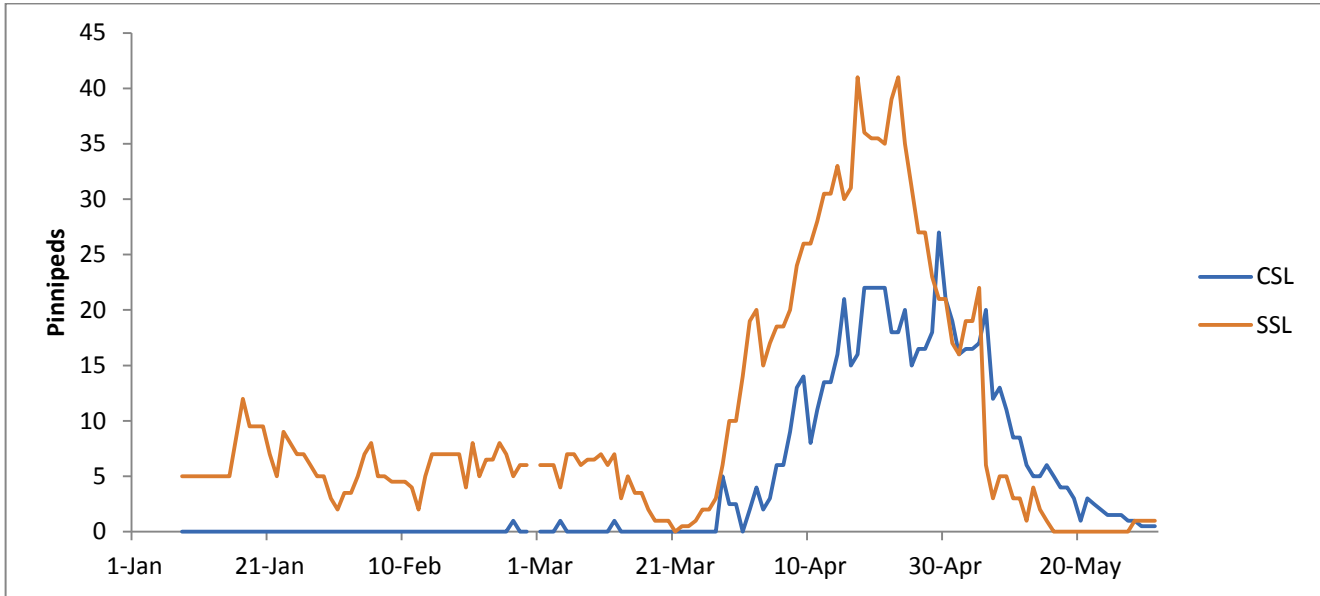
2. Daily Average Abundance (2002-2014)

- SSL: Daily mean of 9.9 SSL in 2014, lower than 2010-2013
- CSL: Daily mean of 4.6 CSL in 2014, still low compared to 2004-2010
- 2014 was similar to recent years where we had more SSL present on average than CSL.



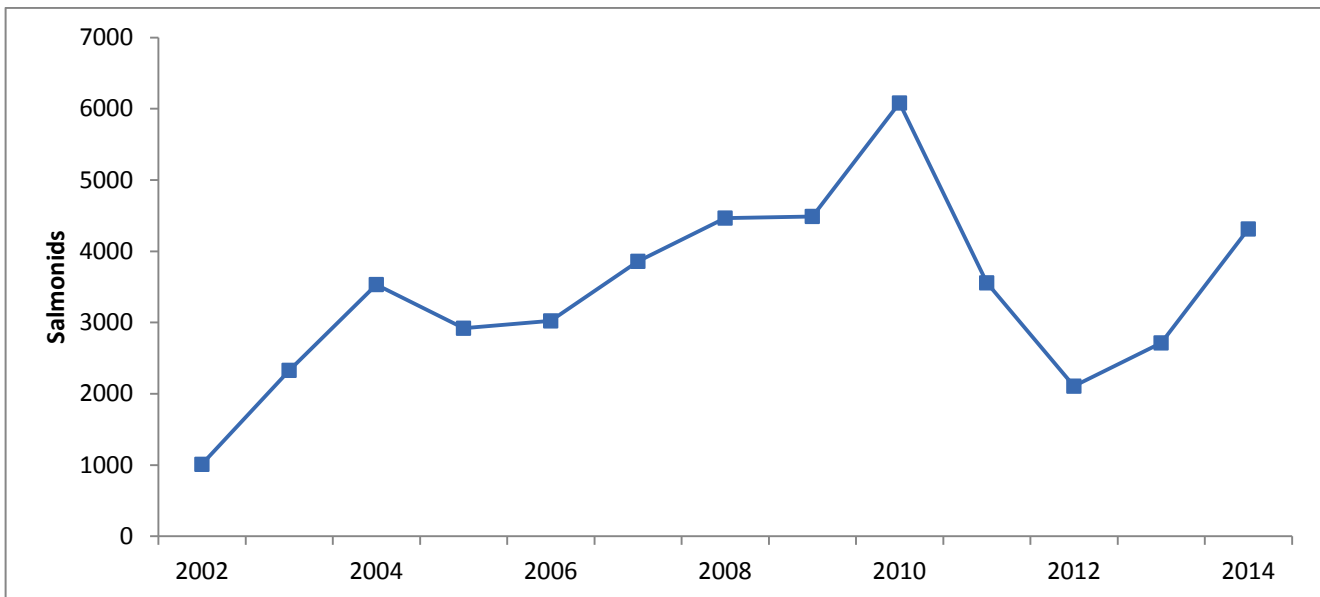
3. Daily Abundance 2014 (Jan-May)

- SSL = 9.9 average, range = 0 - 41
- CSL = 4.6 average, range = 0 - 27
- SSL are present during all five months of our main field season.
- CSL were mainly present during April and May in 2014.

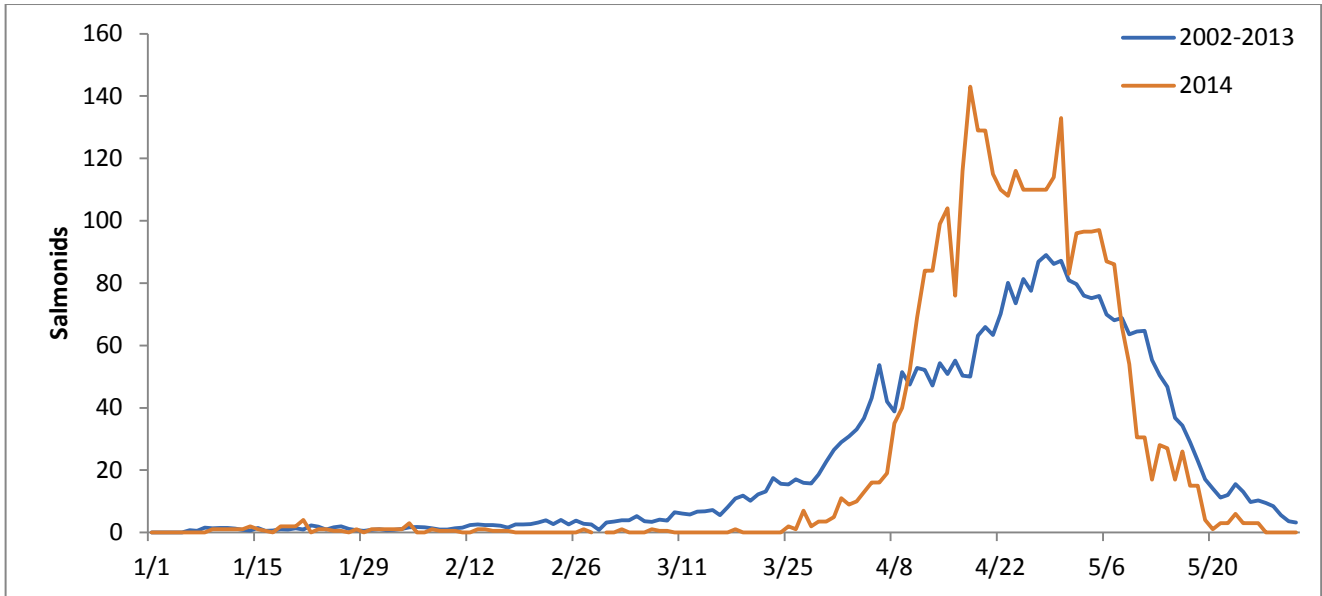


4. Salmonid Predation (2002-2014)

- 2014 adjusted estimate = 4,704 salmonids (~60% by CSL, ~40% by SSL)
- 2002-2013 range = 1010-6321, average = 3585
- 2014: Percentage of the salmonid run consumed was 2.1%
- 2002-2013 range = 0.4-4.7%, average = 2.3%

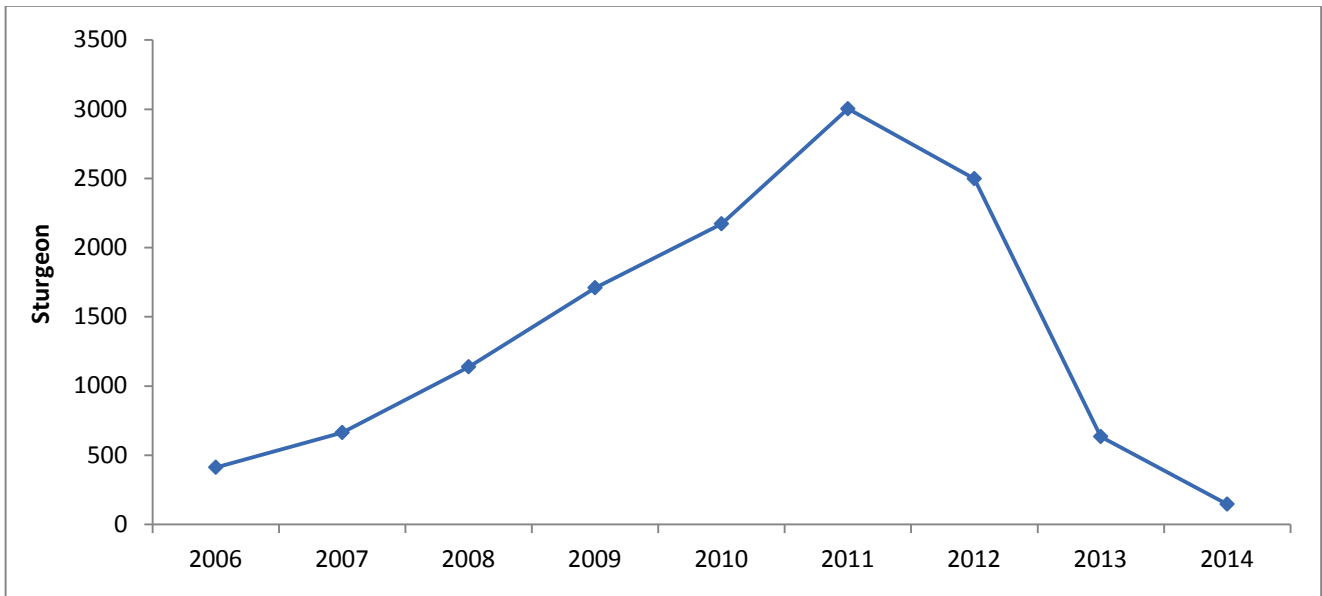


5. Salmonid predation for 2014 compared with the 2002-2013 average
 - 2014 had a more concentrated predation period compared to the average.



6. Sturgeon Predation (2002-2014)

- Adjusted estimate for 2014 = 147 sturgeon
- Lowest level of predation since SSLs were noted consuming sturgeon at Bonneville.



7. Branding and Removals (ODFW & WDFW)

- 55 CSL removed 2008-2013; 15 CSL removed in 2014
- 21 CSL branded at BON in 2014; 0 SSL branded in 2014

Year	2007	2008	2009	2010	2011	2012	2013	2014	Total
# of CSL Removed	N/A	8	15	14	1	13	4	15	70
# of CSL Branded	8	4	3	9	9	6	11	21	71
# of SSL Branded				8	9	19	3	0	39

8. Fall Data Collection (preliminary data)

- SSLs are returning to Bonneville as early as August.
- Common to see a dozen SSLs hauled out at Bonneville in the fall months.
- Trend of more SSLs present during the fall and early winter: 12 in 2011, 16 in 2012, 30 in 2013, and a minimum of 26 in 2014.

