

2015 Yakima Basin Coho Reintroduction

Presented By:

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Acknowledgements

YN:

Joe Jay Pinkham III

Conan Northwind

Quincy Wallahee

Denny Nagle

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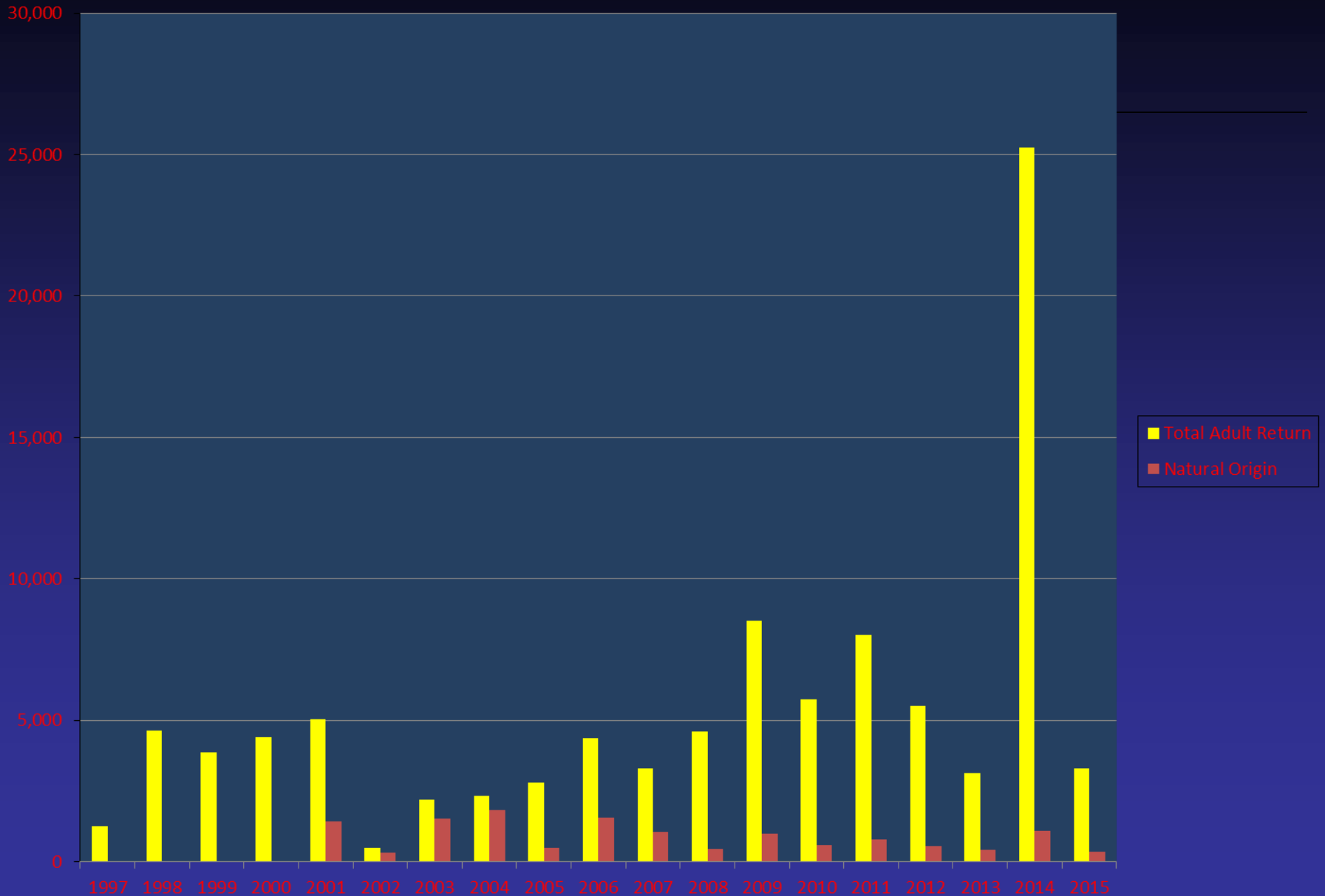
Nate Pinkham

WDFW:

Gabe Temple

Trenton DeBoer

Upper Yakima Coho Returns, 1997 – 2015



2015 Hatchery Coho Juvenile Acclimation Sites Yakima Basin

Volitional Release, April 15, 2015

Holmes, 143,770

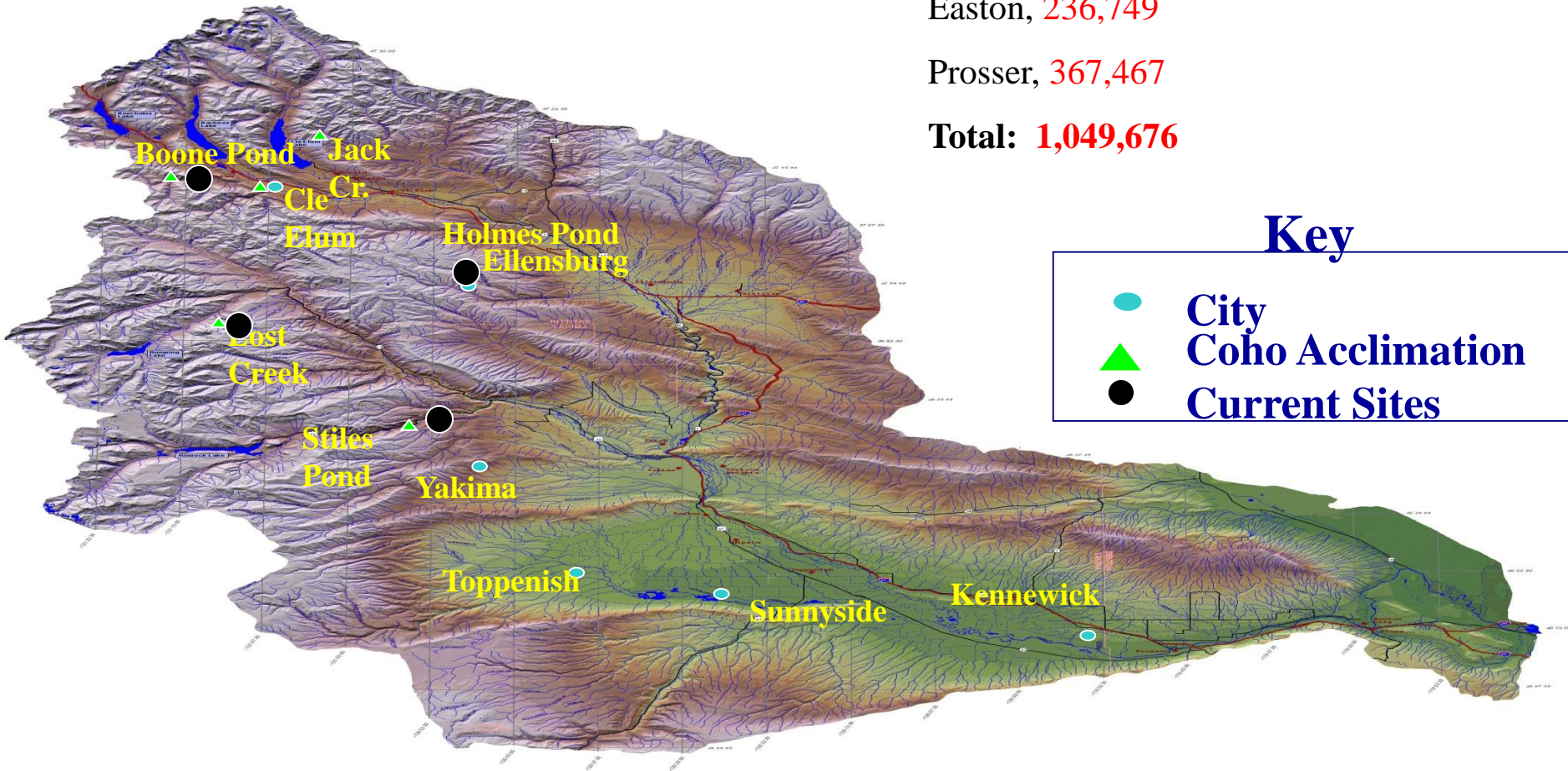
Lost Creek, 100,210

Stiles, 201,480

Easton, 236,749

Prosser, 367,467

Total: 1,049,676



Key

- City
- ▲ Coho Acclimation
- Current Sites

Outmigration-Year Coho 2006-2015 (2004-2013 Brood) Time-of-Tagging-to- McNary Smolt Survival

Figure 3.b. 2006-2015 Coho Tagging-to-McNary Survival from Stiles for Stock released in 2015

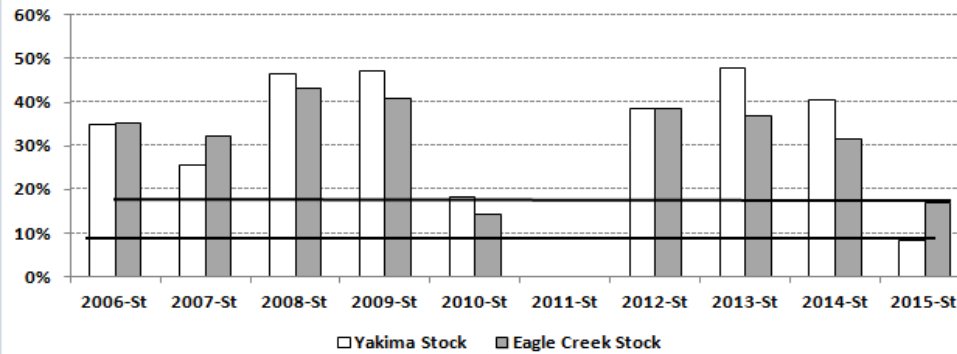


Figure 3.c. 2006-2015 Coho Tagging-to-McNary Survival from Lost Creek for Stock released in 2015

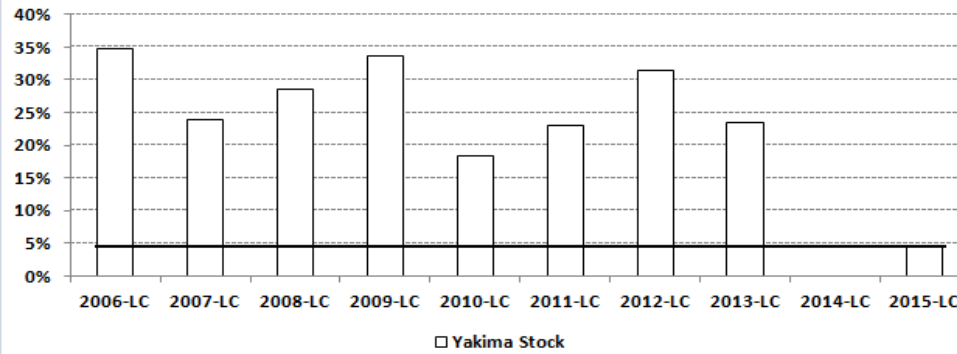


Figure 3.d. 2006-2015 Coho Tagging-to-McNary Survival from Prosser for Stock released in 2015

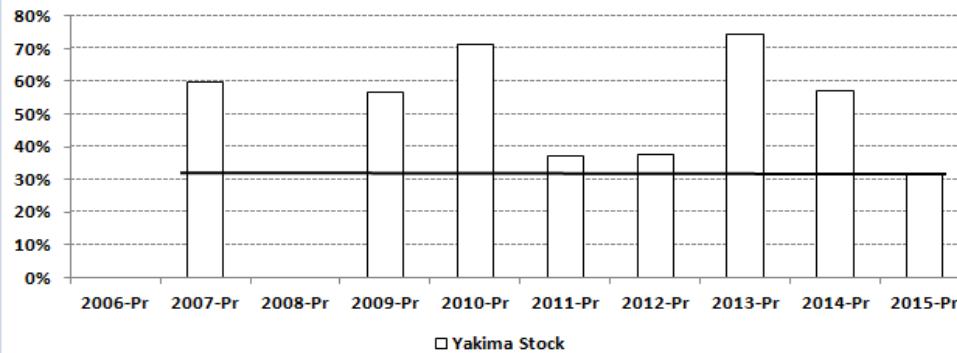


Figure 3.e. 2006-2015 Coho Tagging-to-McNary Survival from Easton for Stock released in 2015

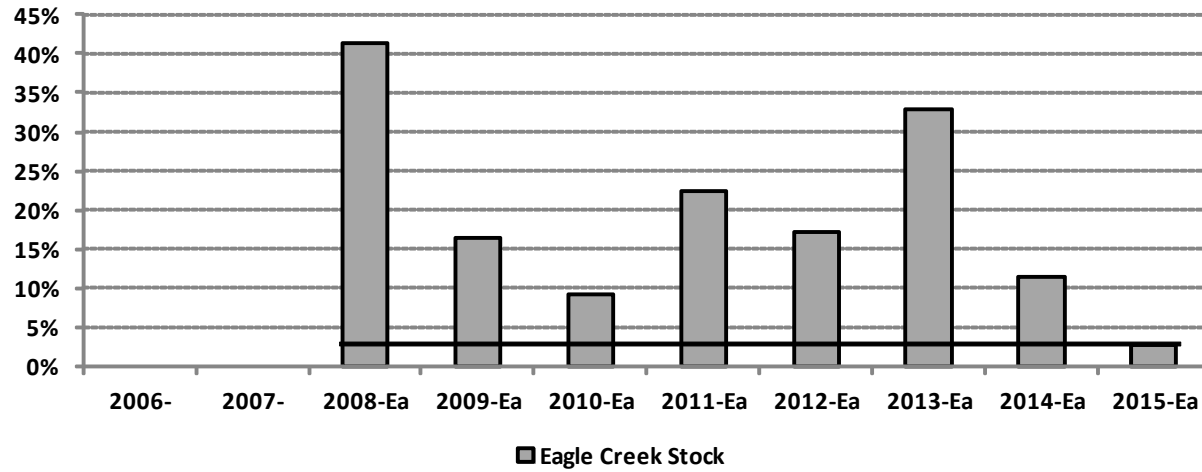
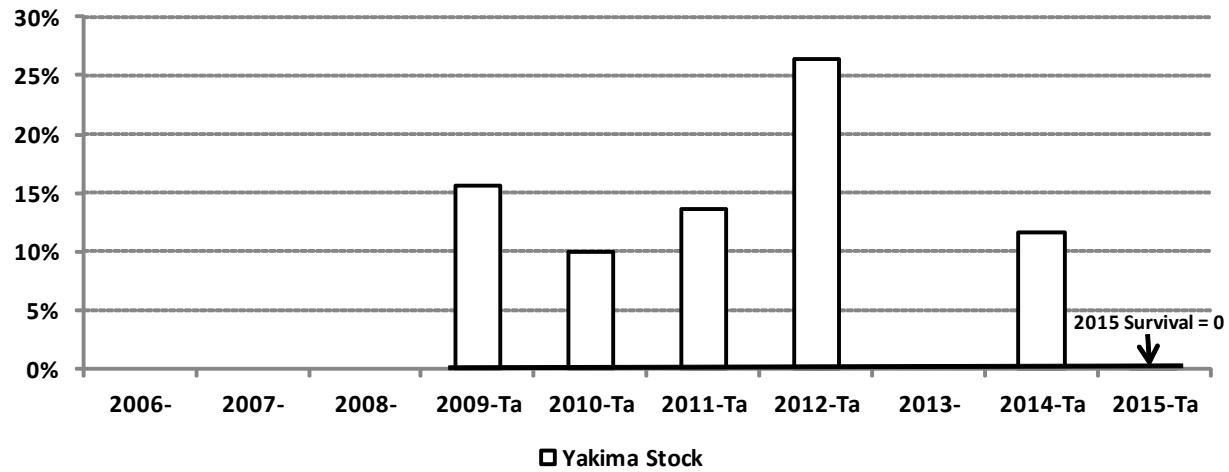
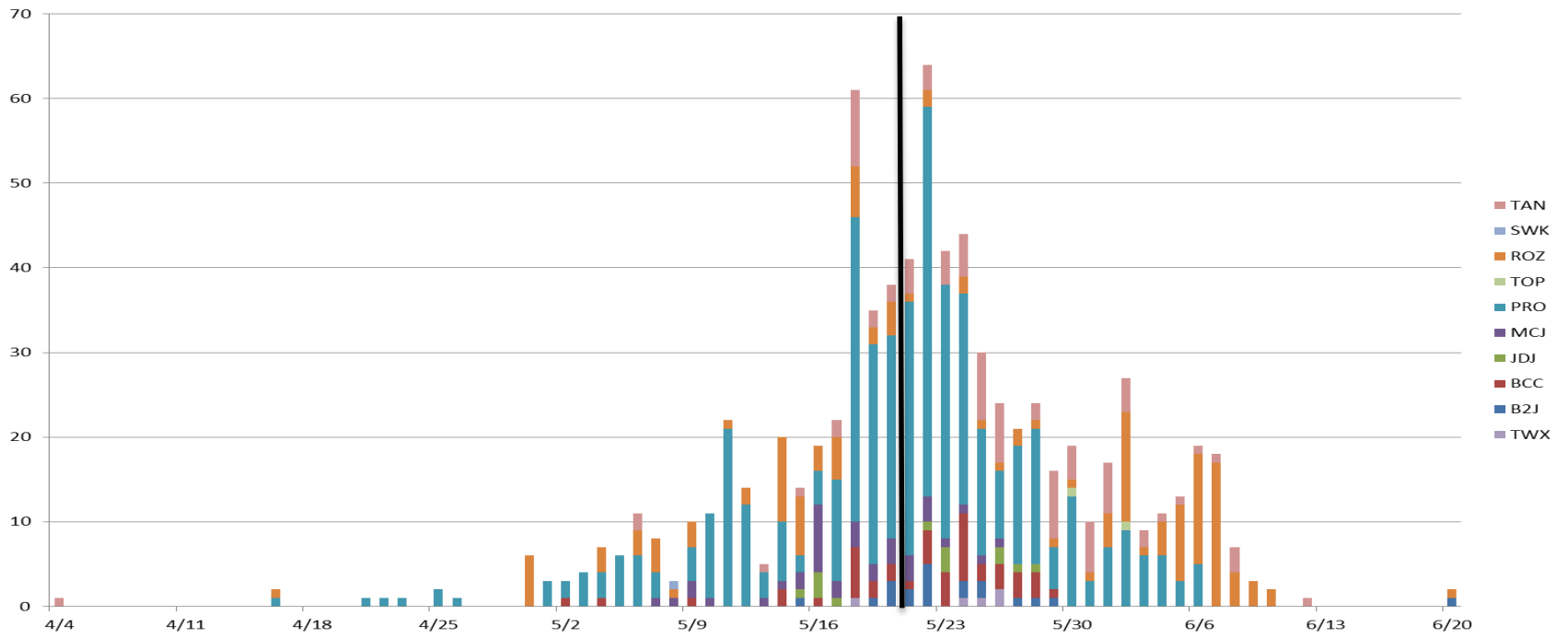


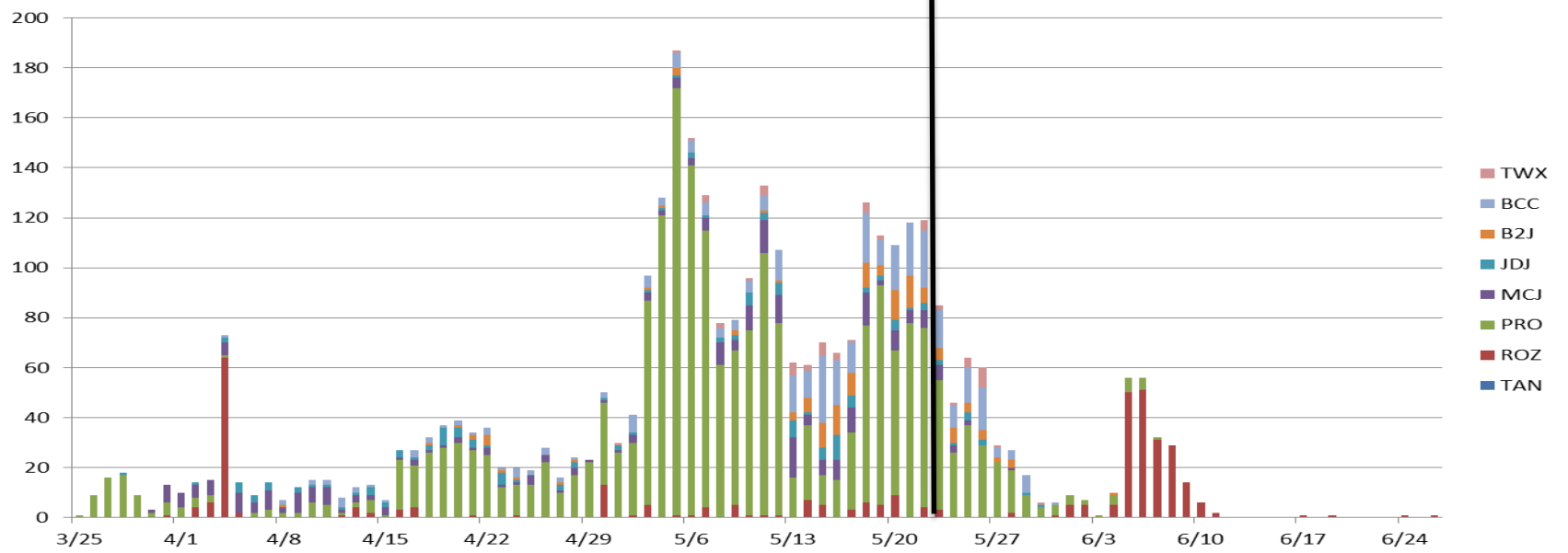
Figure 3.f. 2006-2015 Coho Tagging-to-McNary Survival from Taneum for Stock released in 2015



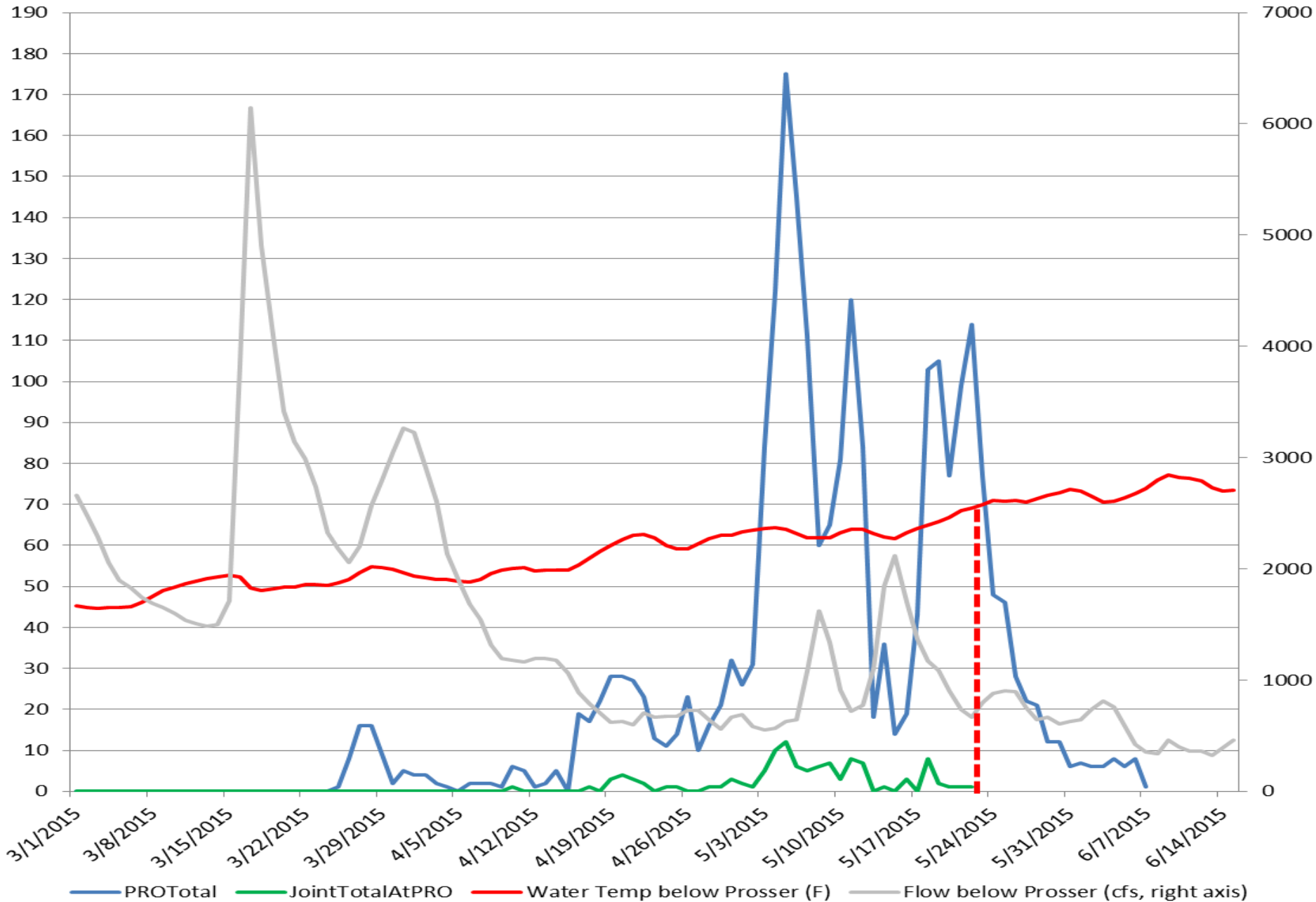
2015 Detections of 2014 Coho Parr Releases



2015 Detections of Coho Smolt Releases



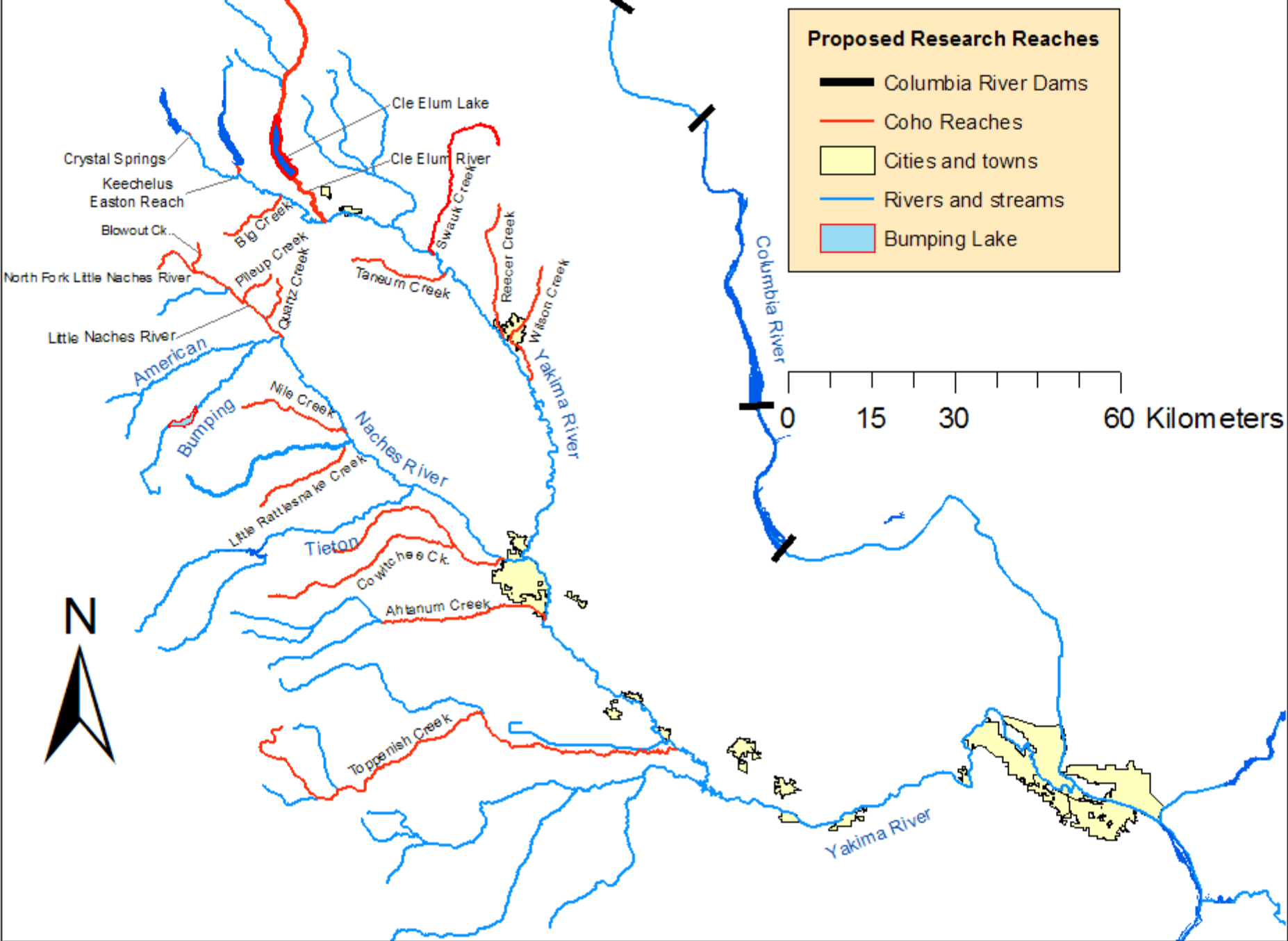
Daily juvenile coho detections at Prosser (blue), and the portion later detected at McNary (green)



Continuing Coho Work

- Adult Planting
- Parr Planting
- Mobile Acclimation



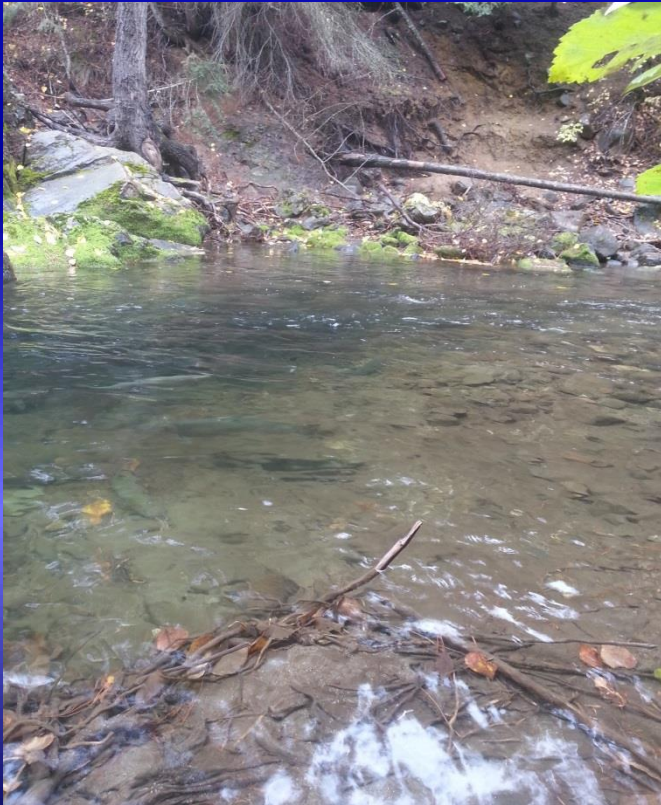


Taneum Creek Coho Reintroduction

YN and WDFW cooperative Project

Coho are planted the last week of October and are now part of a continuing maintenance project to monitor fish populations in Taneum Creek.

- **2013** - (9 females and 11 males)
- **2014** – (360 females and 200 males)
- **2015** – 0



Taneum Creek Adult Coho Salmon out-planting Results

Year	Adult Females	Redds	Number Of coho Pit Tagged	Migration Year	Survival to McNary Dam
2007	150	75	1299	2009	16%
2008	150	50	1868	2010	10%
2009	150	130	4515	2011	13%
2010	150	134	1054	2012	26%
2011	150	100	743	2013	12%
2012	60	54	1941	2014	12%
2013	9	11	231	2015	0%
2014	360	200	752	2016	

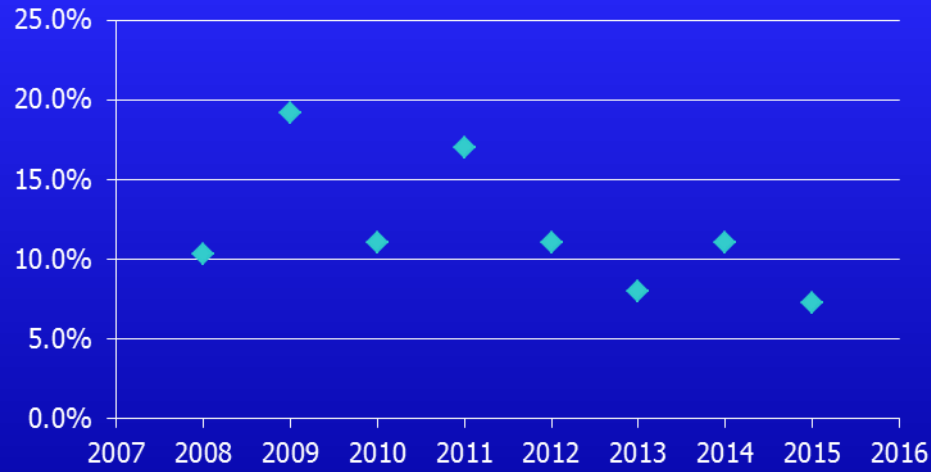
Taneum Creek Adult Returns 2015

- Bonneville- 2
- McNary- 1
- Prosser- 1
- Roza- 0
- Taneum Creek- 0
- Prosser to Prosser Smolt to Adult return really, really low

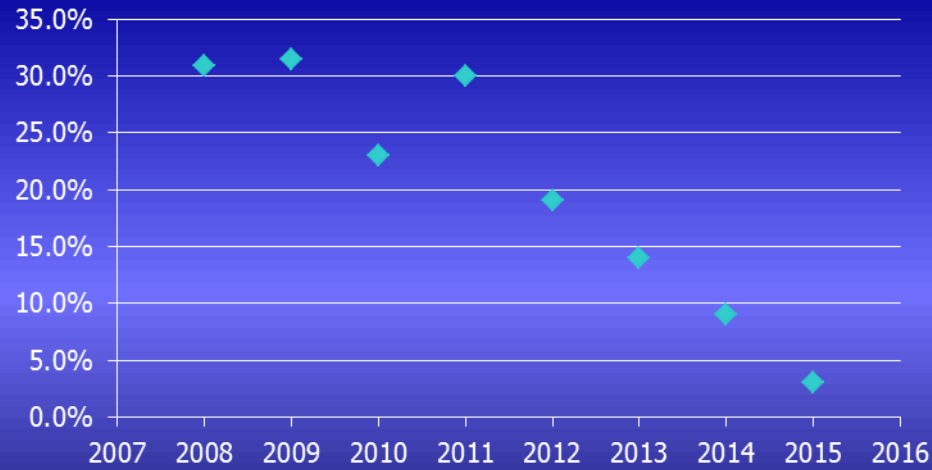
Summer Parr Plants



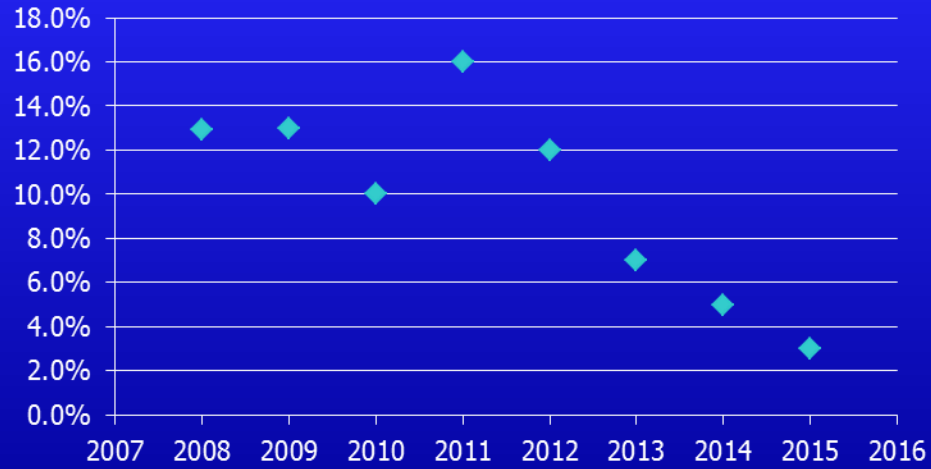
Wilson Creek



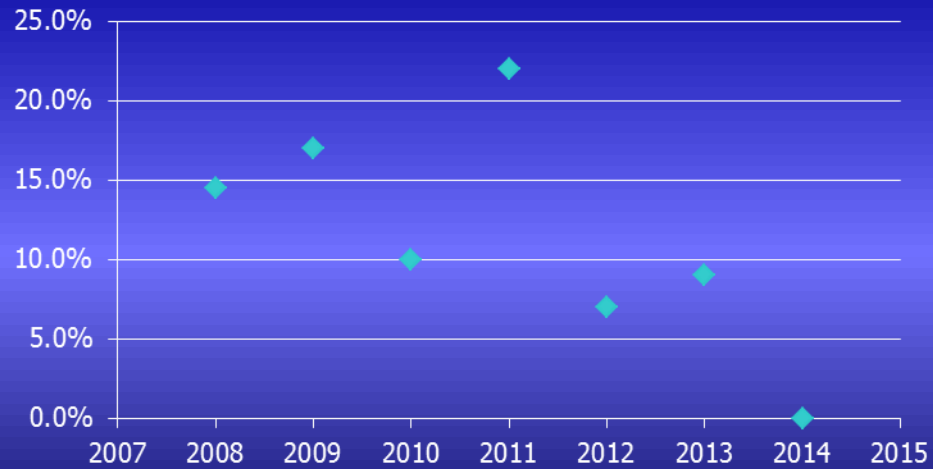
Reecer Creek



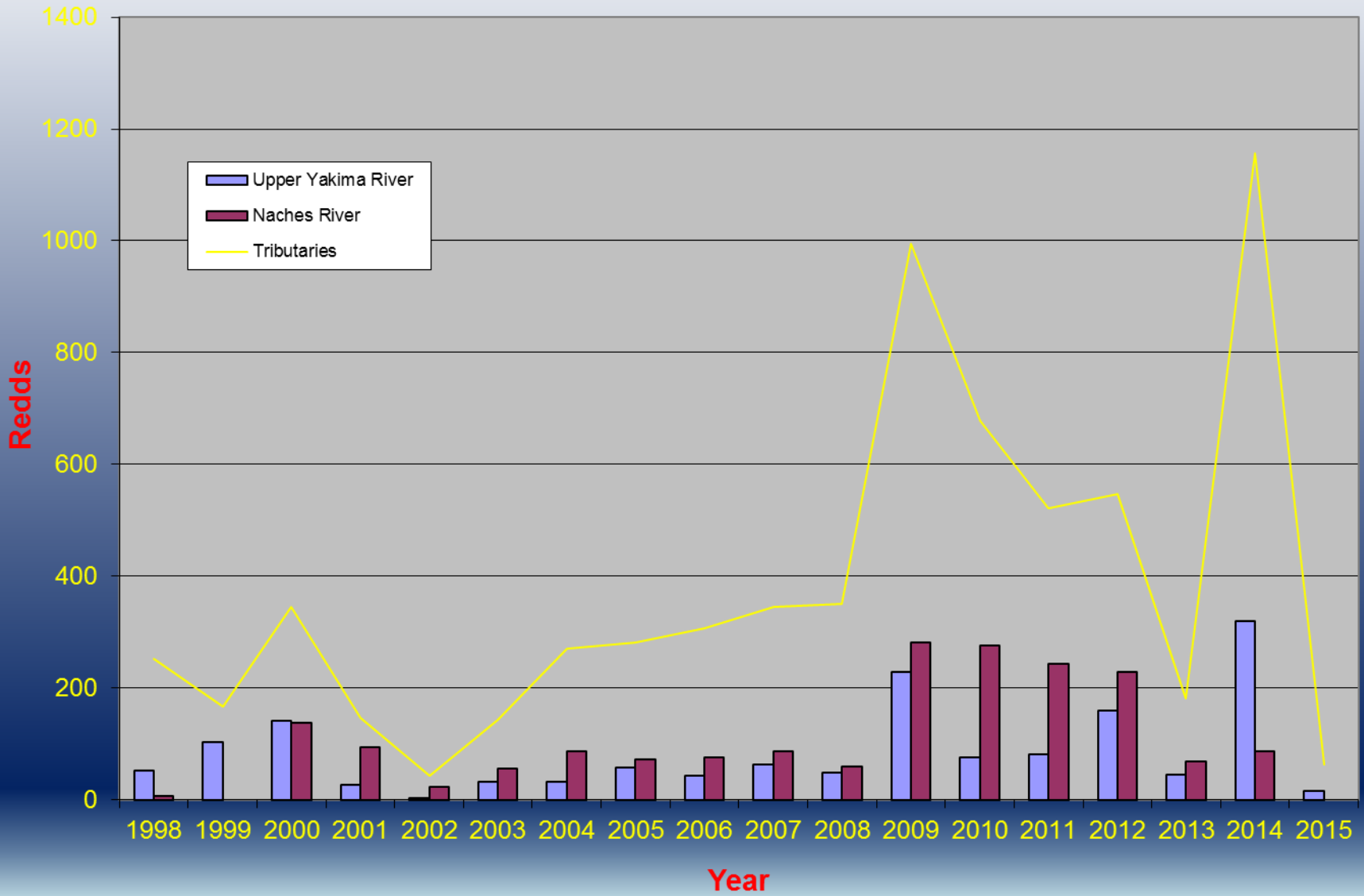
Big Creek



NF Little Naches River



Yakima Basin Redd Counts 1998-2015



Phase III

- Completion of Melvin R Sampson Coho Hatchery.
- Full scale re-introduction begins
- 100% YN Returning Hatchery adults transitioning to Wild X Wild parentage