



Humboldt
Redwood™



Northern Spotted Owl
Conservation Updates:
Humboldt and Mendocino
Redwood Companies

- *Sal Chinnici*, Director of Forest Sciences,
Humboldt and Mendocino Redwood Companies

Overview

- Intro to the Humboldt and Mendocino Redwood Companies
- Humboldt Redwood Company
 - NSO Habitat Conservation Plan
- Mendocino Redwood Company
 - NSO Take avoidance on THP-by-THP basis
- Will attempt to answer submitted questions within presentation

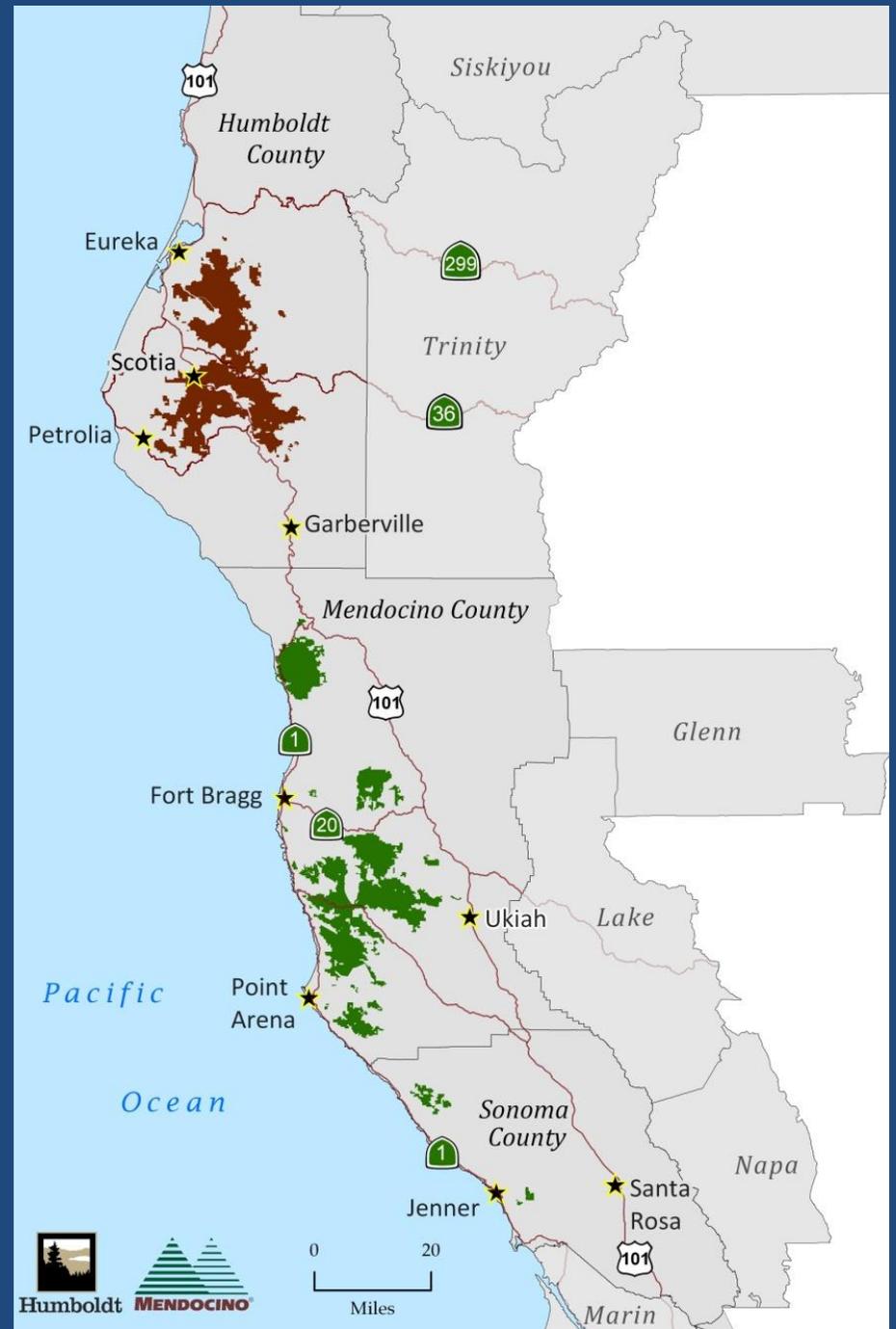


Our Forestlands

- 440,000 acres of Forest Stewardship Council® (FSC®) certified forestlands

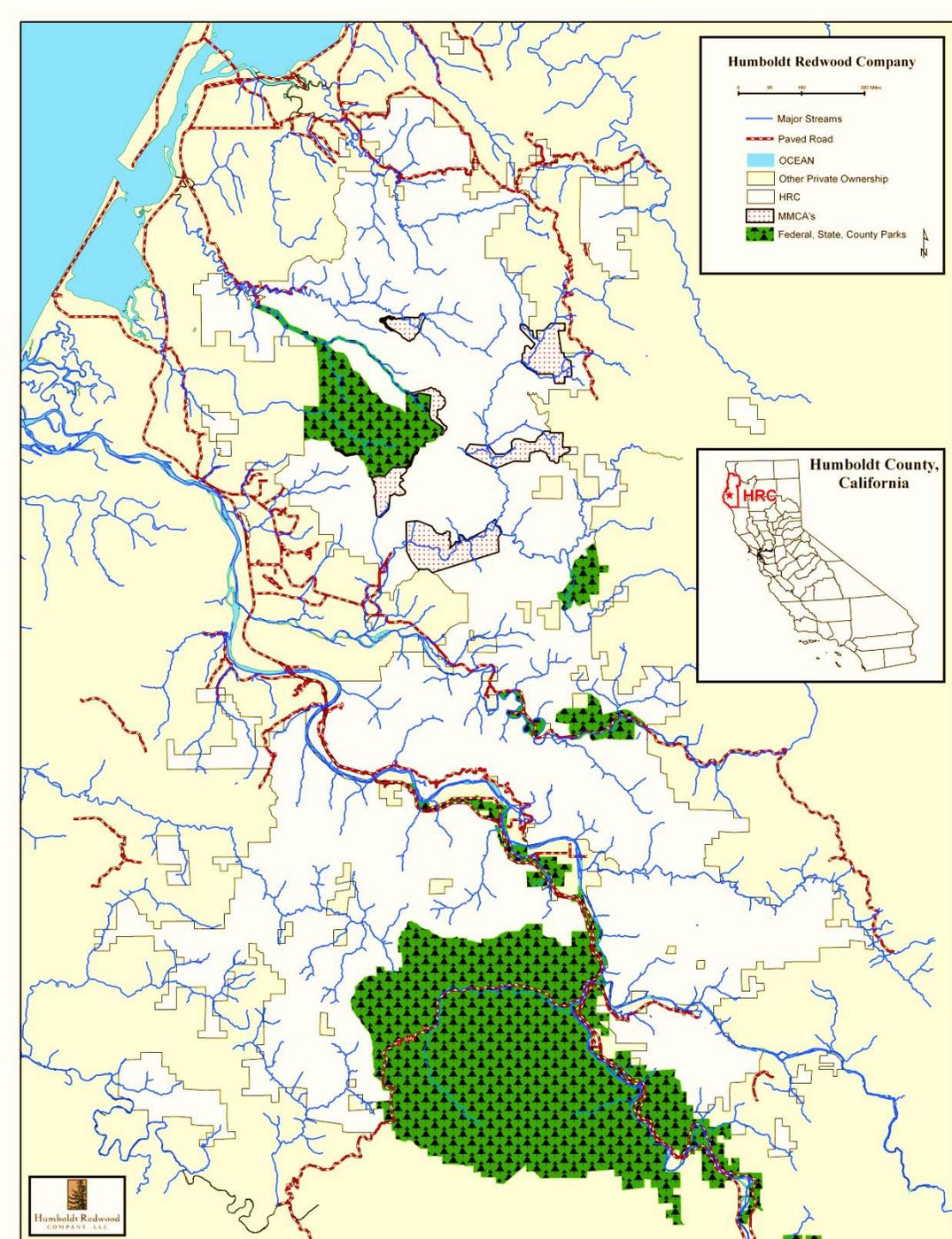


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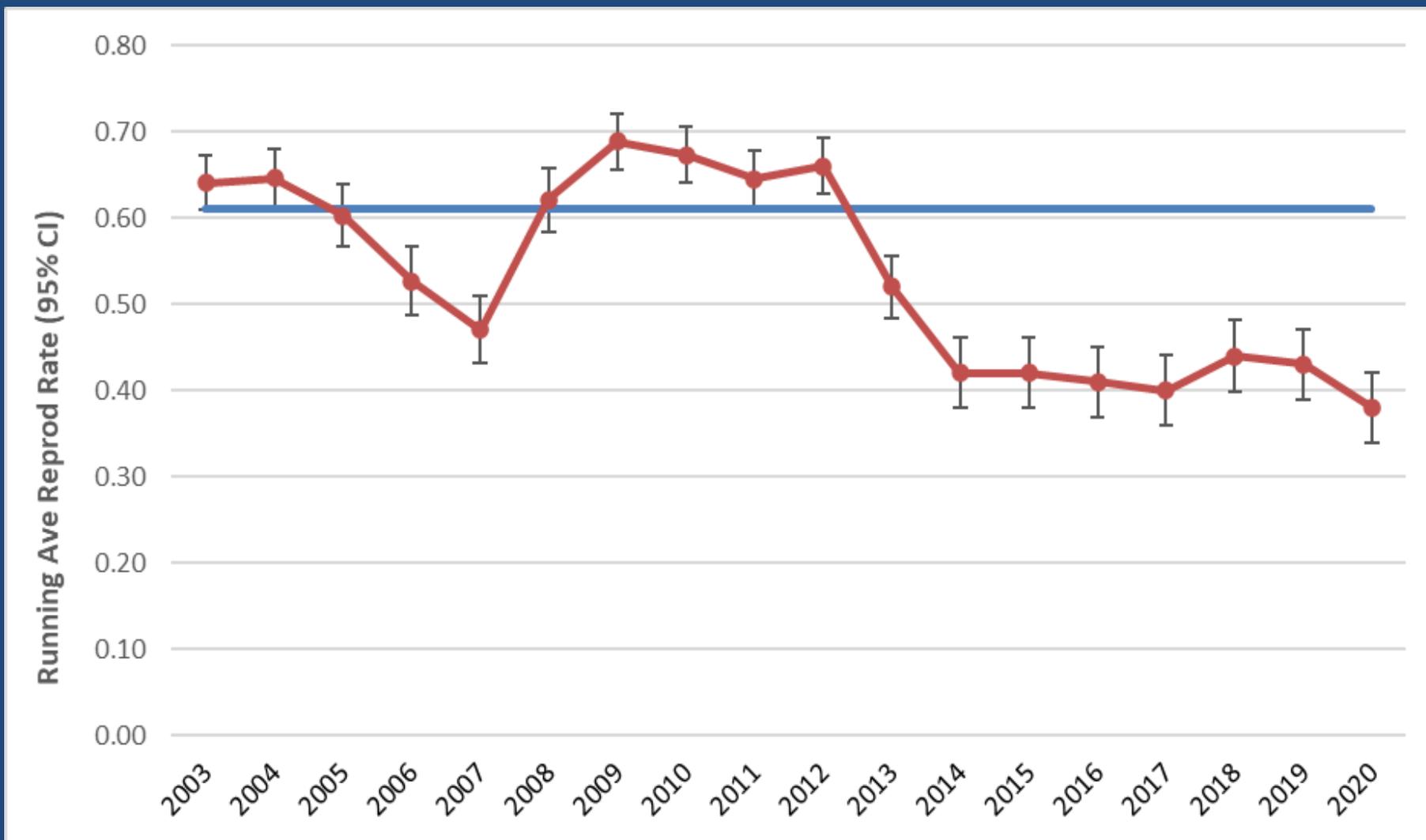


Humboldt Redwood Company Lands

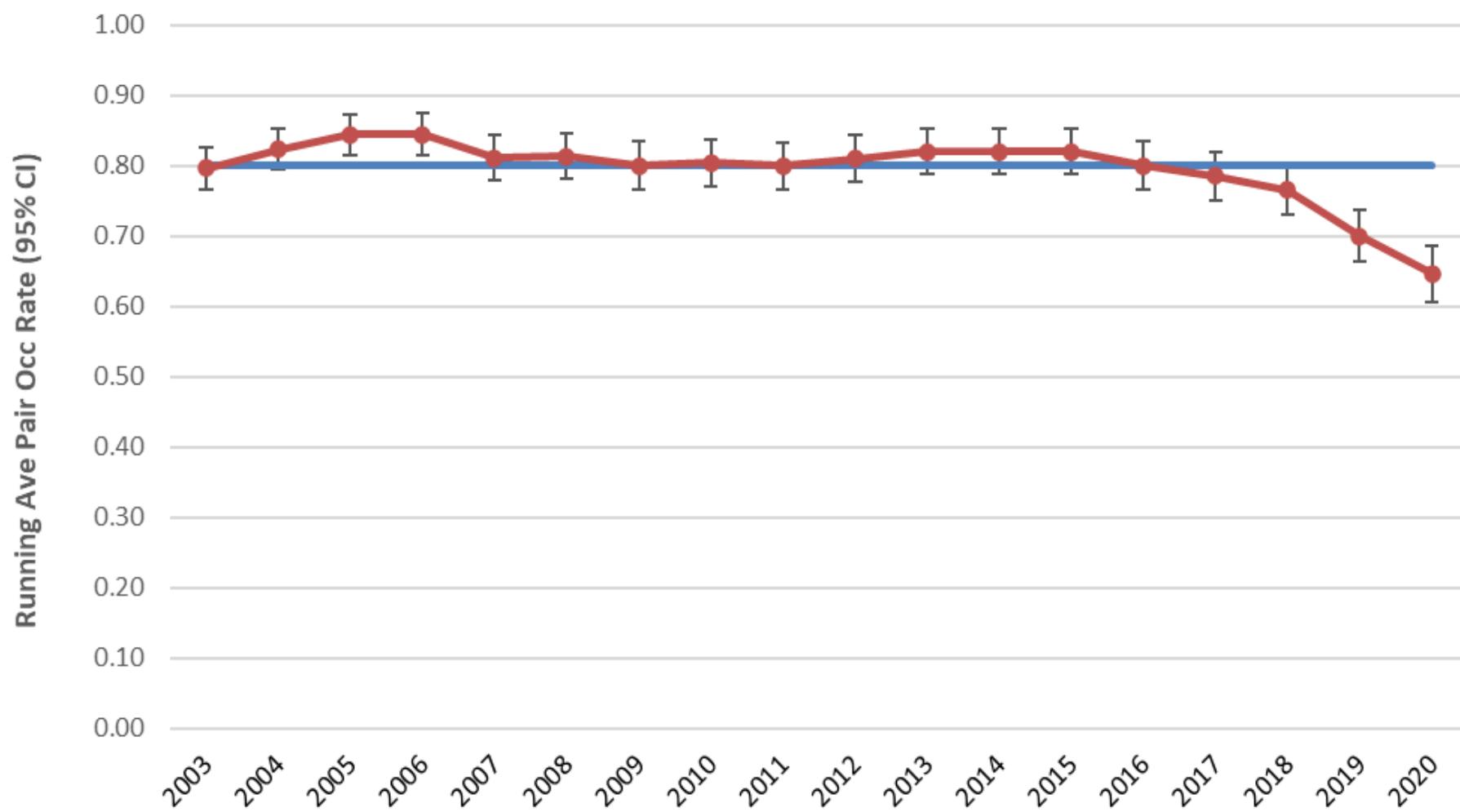
- Over 30 years of NSO surveys
- 232 total activity sites, 110 currently occupied
- Managed under a Federal and State HCP
- Track reproductive rate and pair occupancy over time



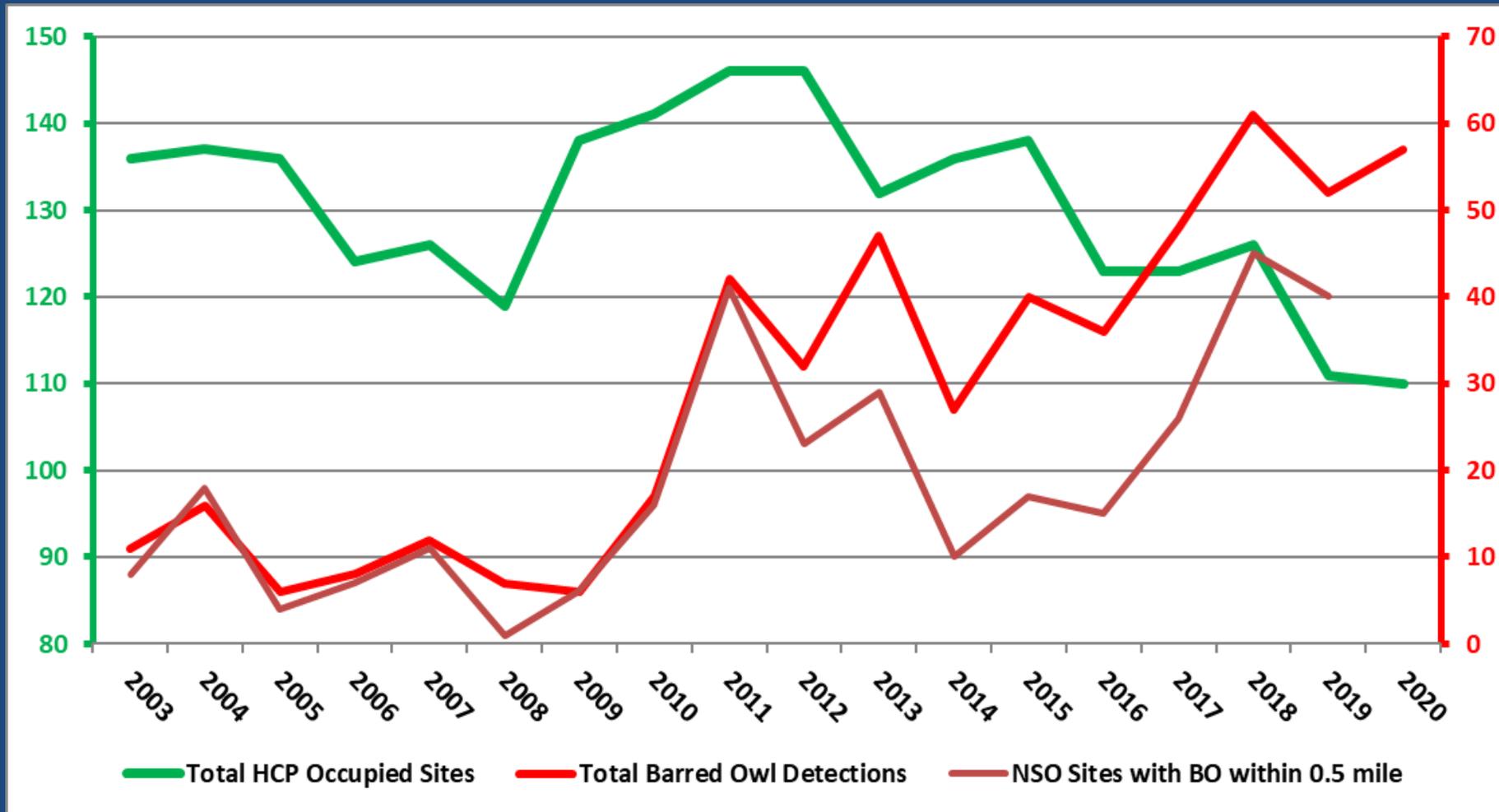
Monitoring Results for Spotted Owl HCP Objectives: 5-Year Running Average Reproductive Rate



Monitoring Results for Spotted Owl HCP Objectives: 5-Year Running Average Pair Occupancy Rate



Decline in NSO Occupied Sites on HRC Lands Coincides with BO Increase



NSO Scientific Review Panel

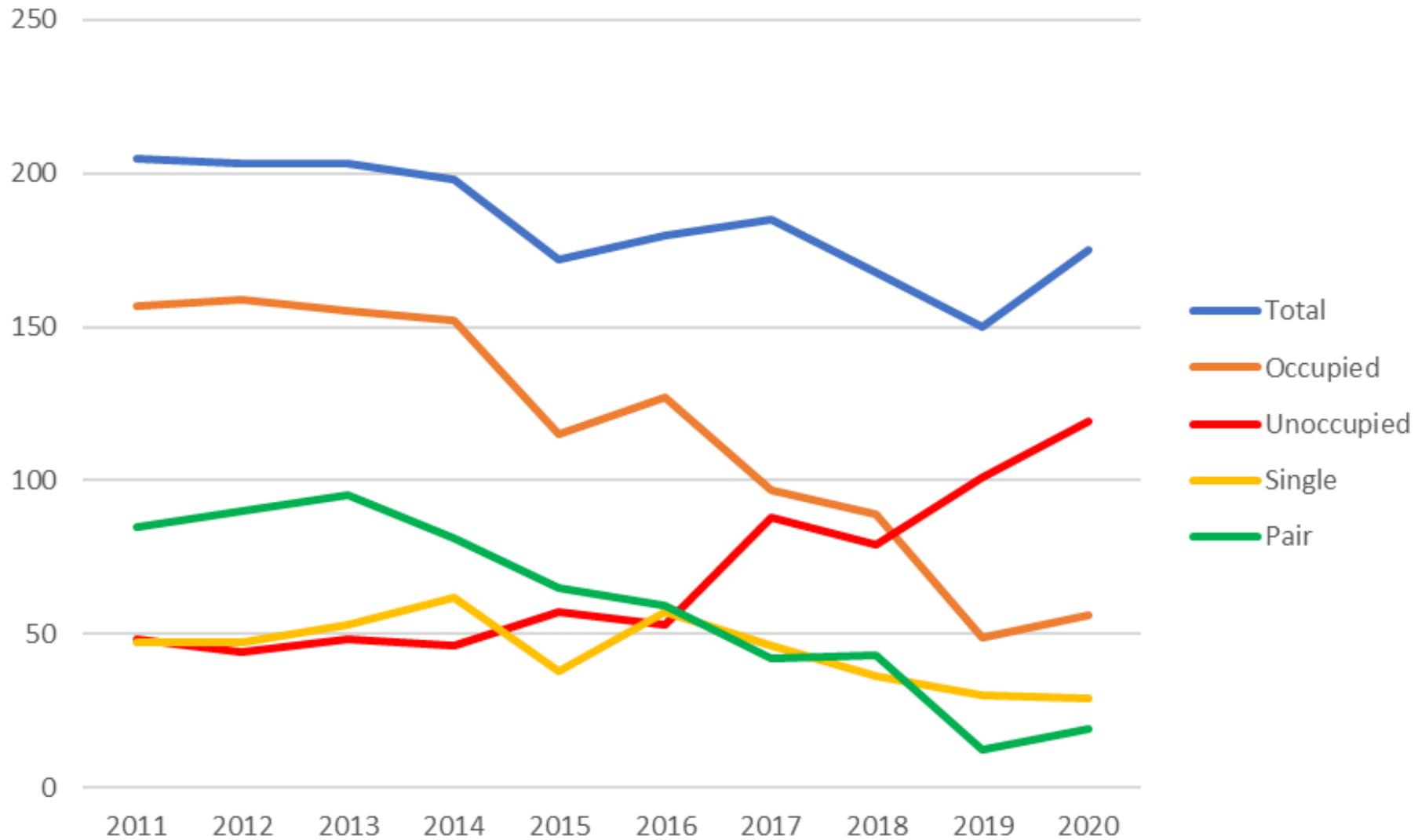
- Per HCP adaptive management, convened NSOSRP
 - R.J. Gutiérrez, A.B. Franklin, M.Z. Peery, and J.D. Wiens
- Panel concluded likely cause of lower population performance is competition with invasive Barred Owl, but other factors could be contributing to decline
- Panel recommendations:
 - Experimental BO removal program
 - Retrospective analyses to assess the effects of BO and other factors

Mendocino Redwood Company Lands

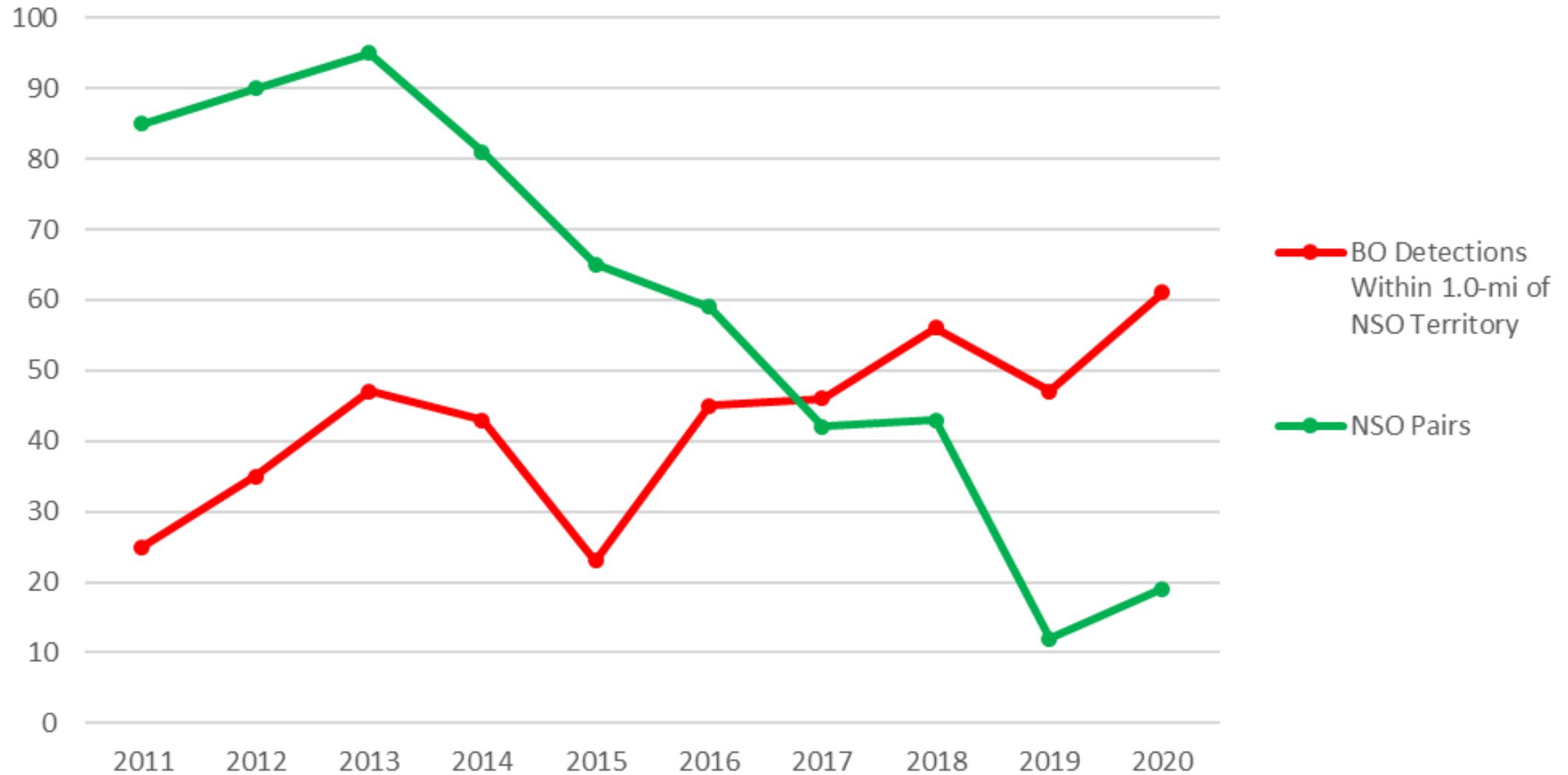
- Over 30 years of survey history
- Total of 175 NSO territories, 56 currently occupied
- Higher density on coast
- Increasing Barred Owl presence and effects

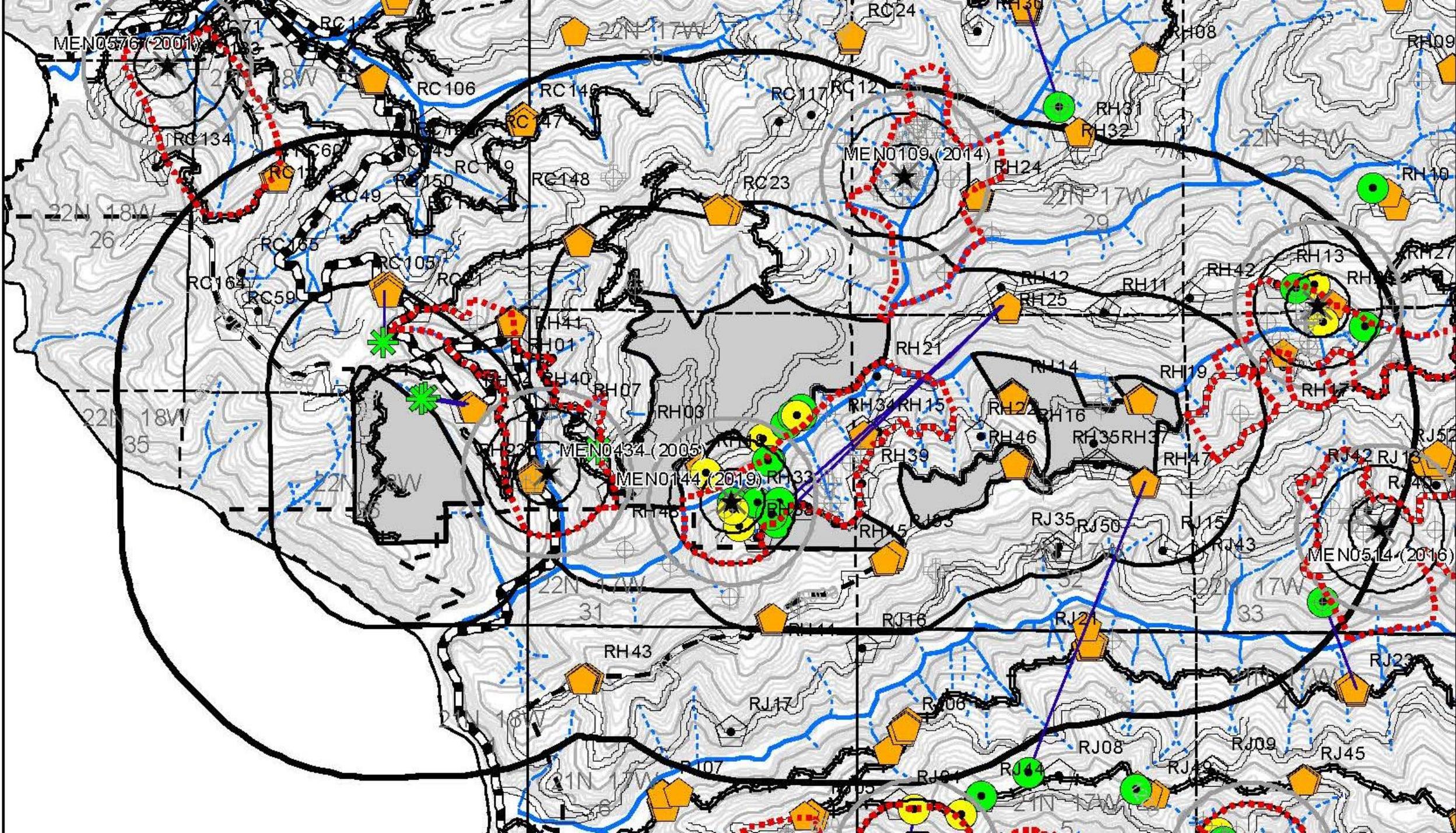


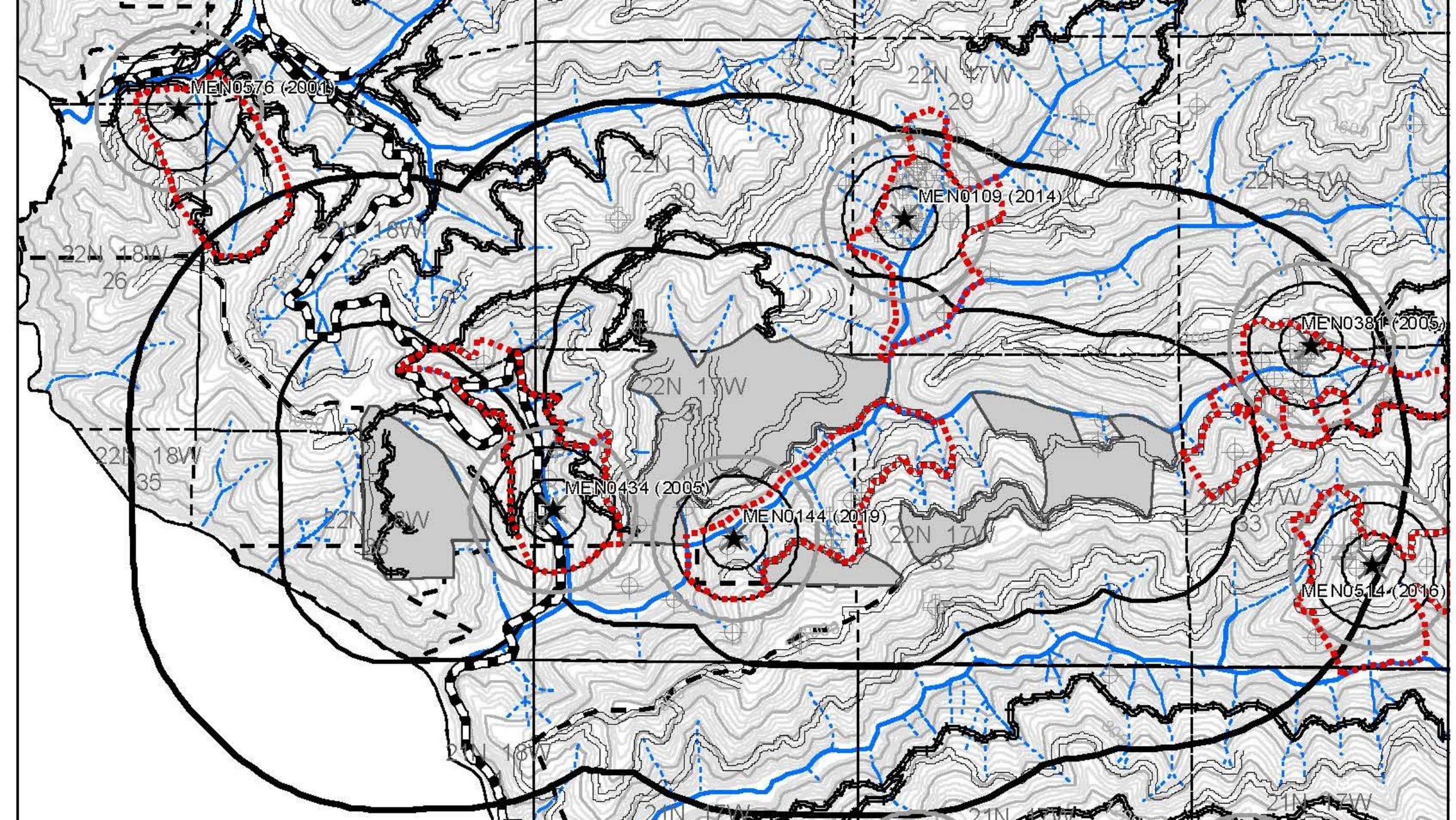
MRC NSO Territory Trends

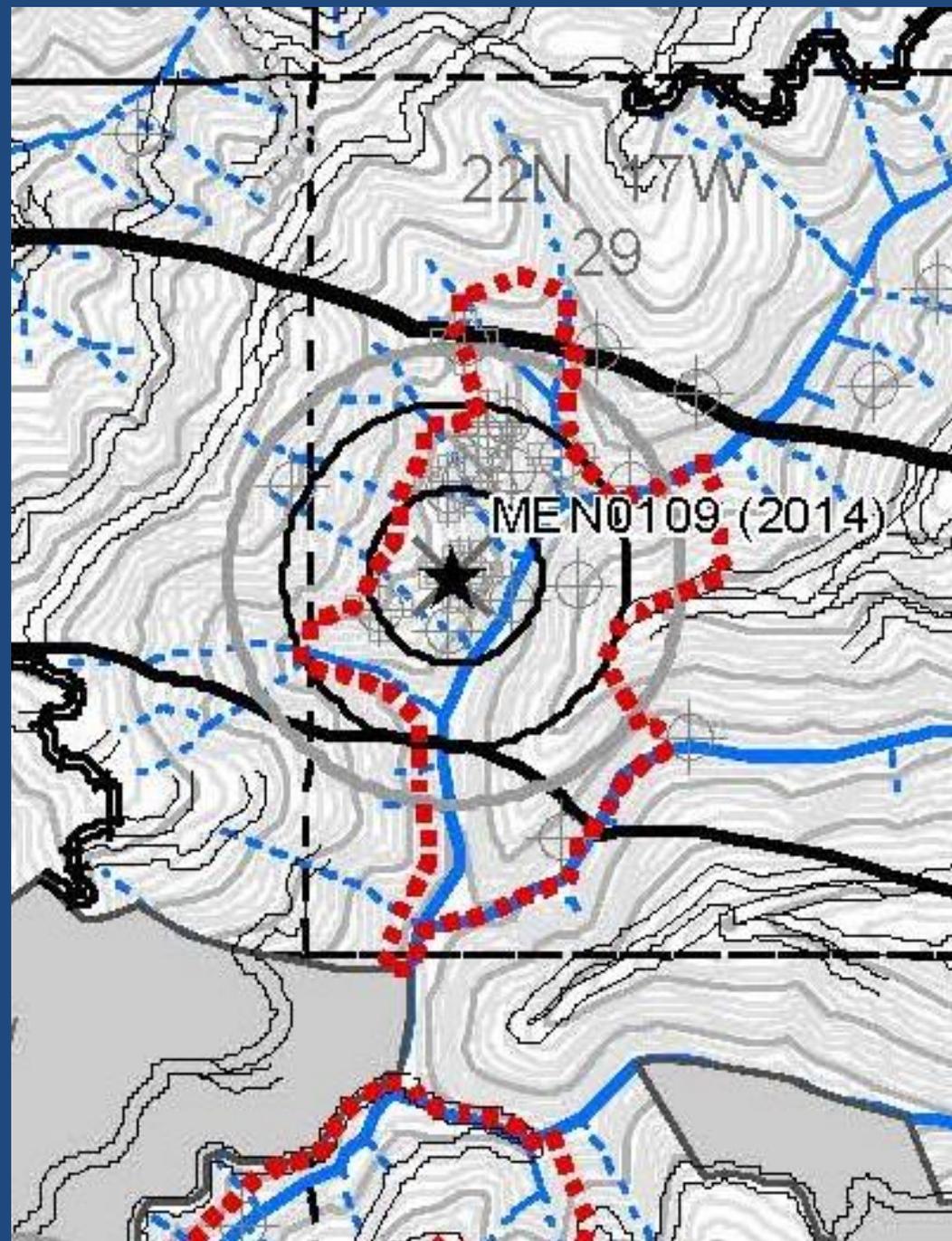


BO Detections and # of NSO Pairs









Summary

- Private timberland ownerships are a significant component of the NSO range
- Although NSO occupancy and reproduction are declining due primarily to the invasive BO, these lands continue to harbor large NSO populations
- Private timberlands may provide critical NSO refugia into the future
- The viability of private timberlands is important to NSO conservation

Thank you!

- Humboldt Redwood Company
 - GetRedwood.com
 - HRCLLC.com
- Mendocino Redwood Company
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