

Steller Sea Lions at Fort Ross

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Prepared for Fort Ross Conservancy
Marine Mammal Monitoring Program



Evolution in North Pacific

Enaliarctos

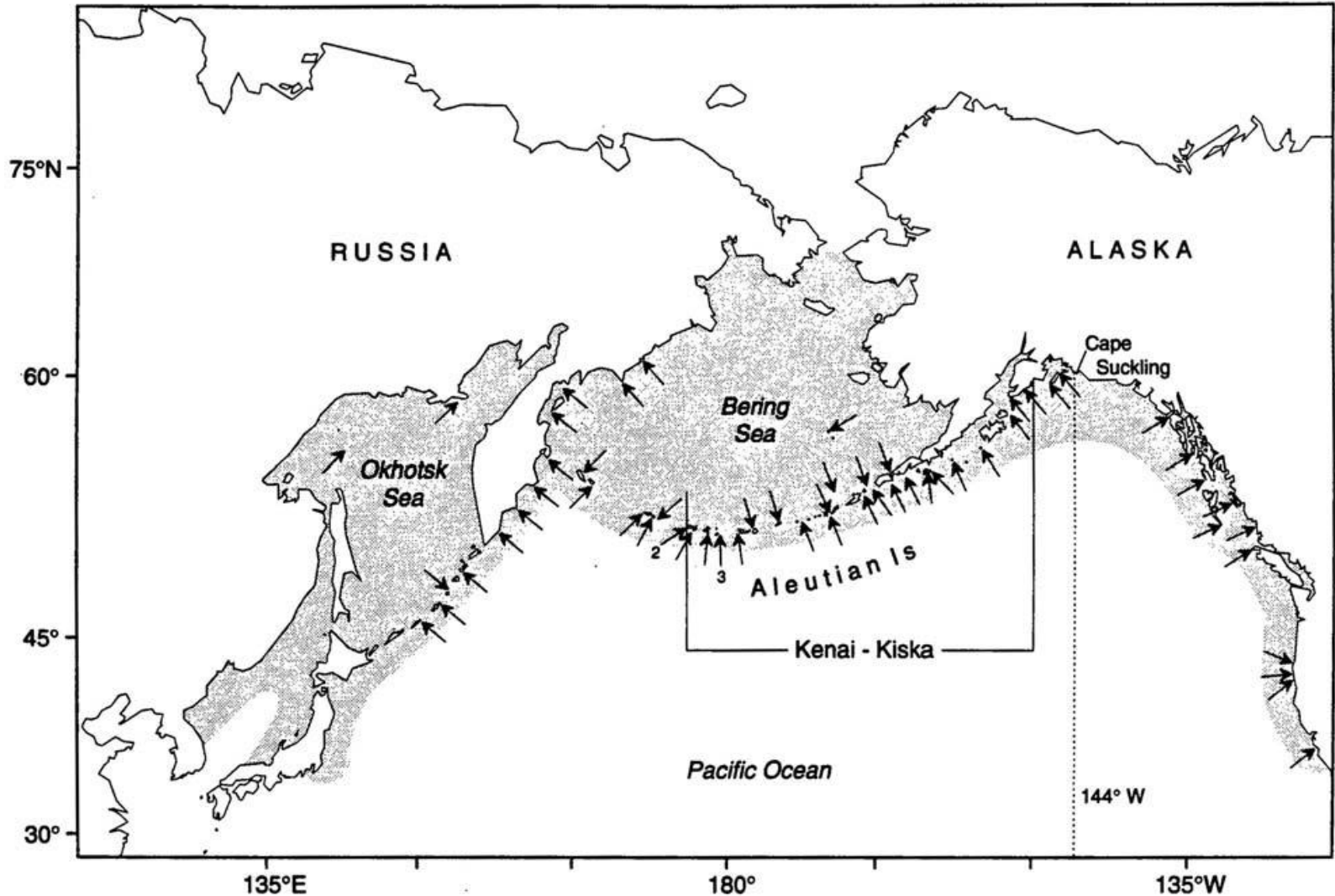


From
*Mammal
Evolution an
Illustrated
Guide*

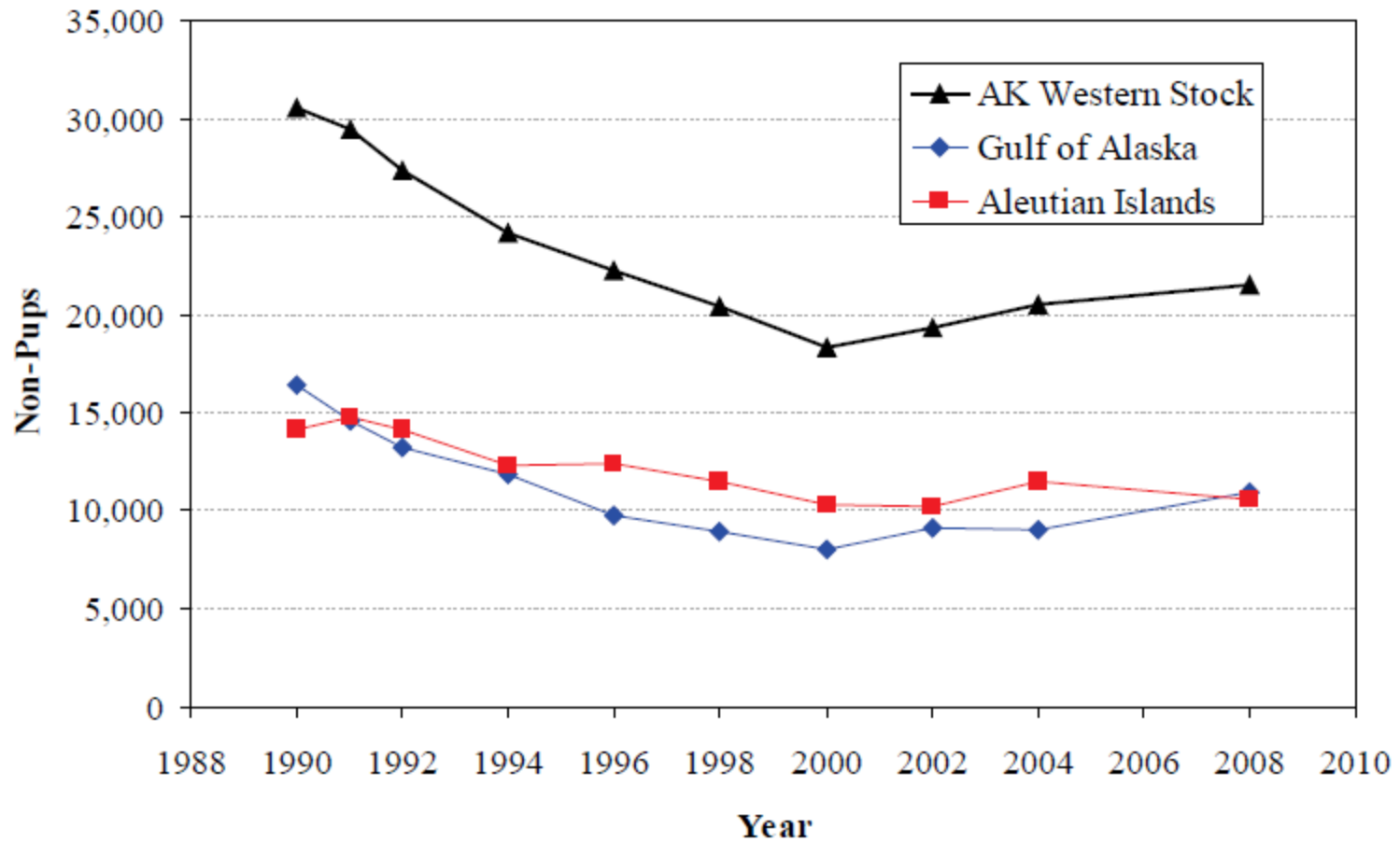
Prehistoric Trends



Present Steller Sea Lion Sites

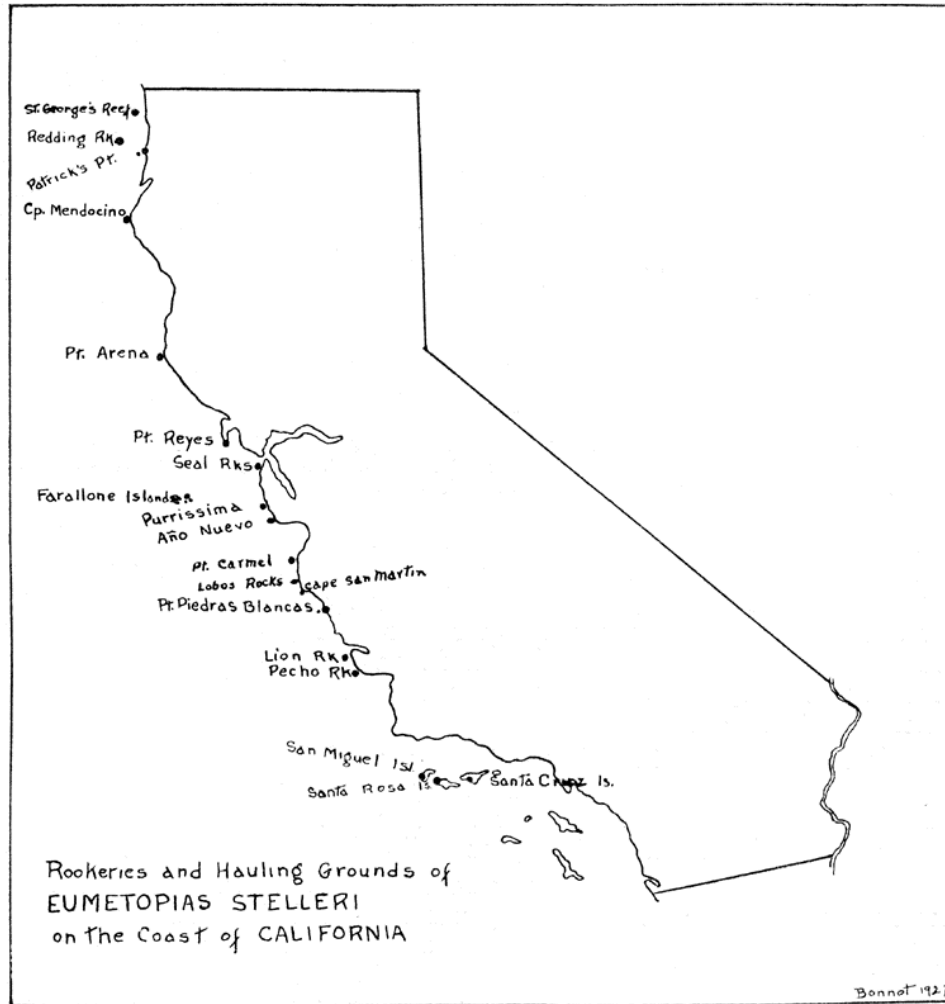


Western Steller Sea Lion Stocks



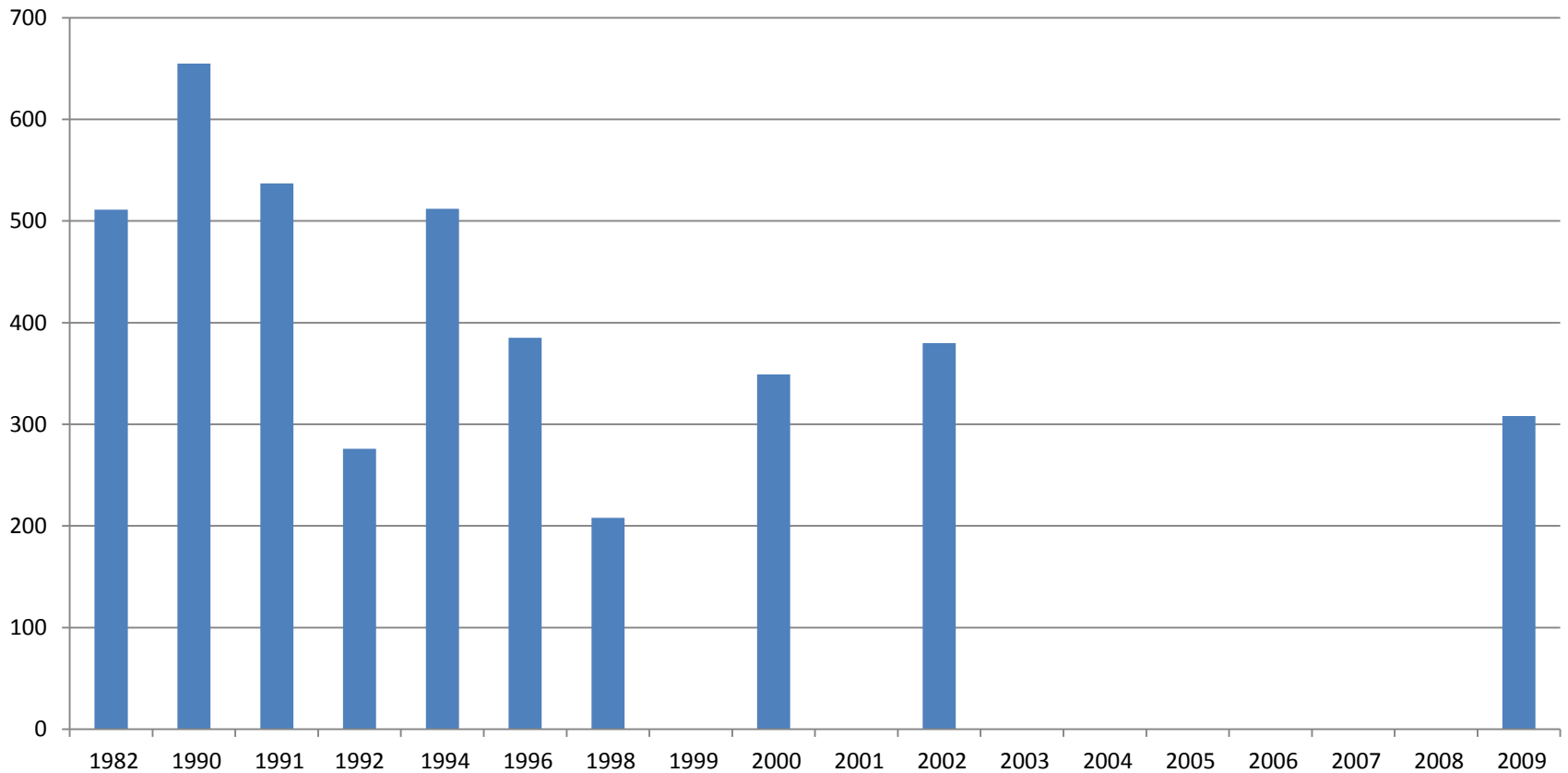
Historical Trends in California for STSL

Map Drawn by Bonnet 1920



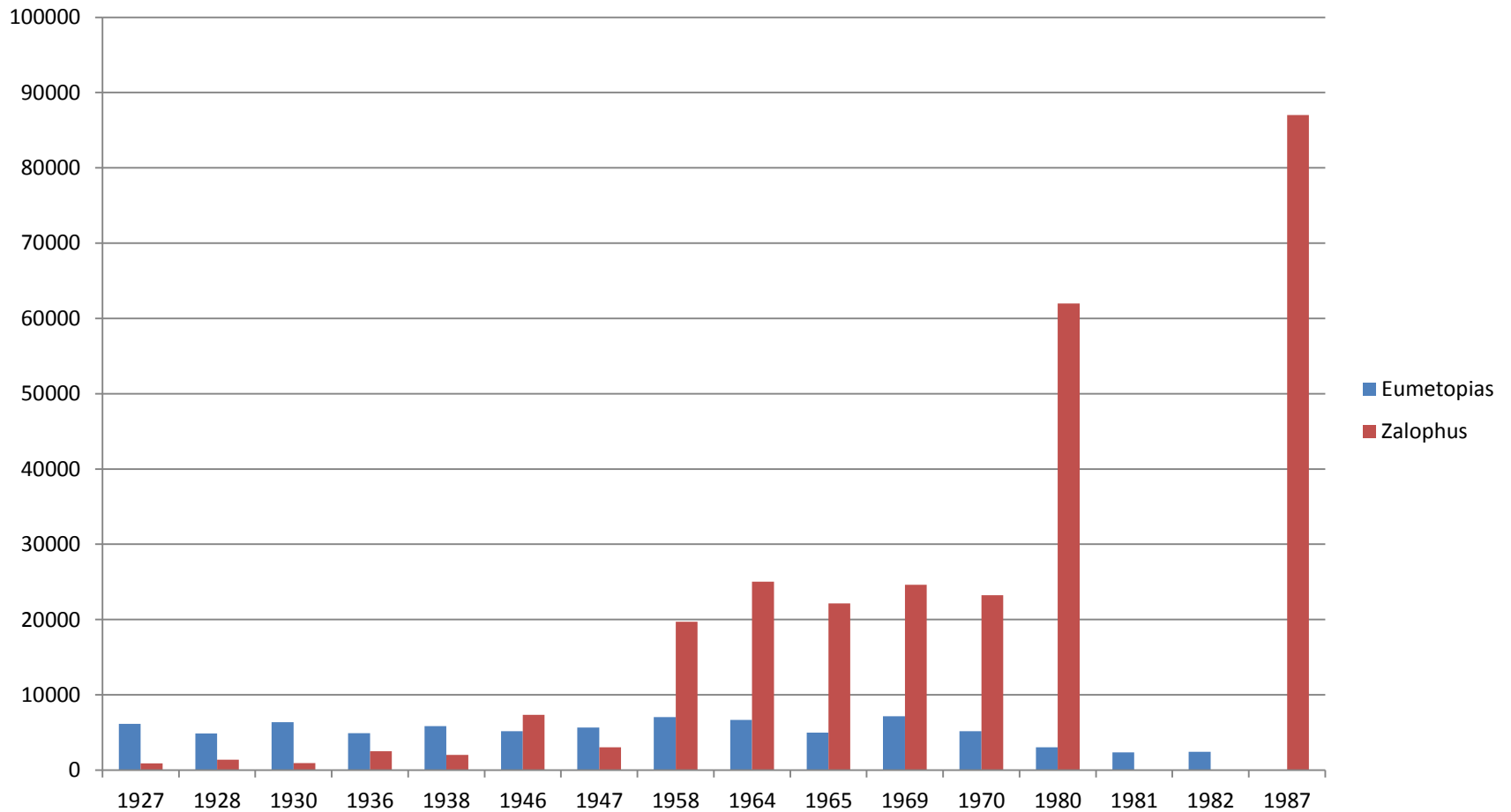
Central California STSL 1982-2009

Ano Nuevo and the Farallones

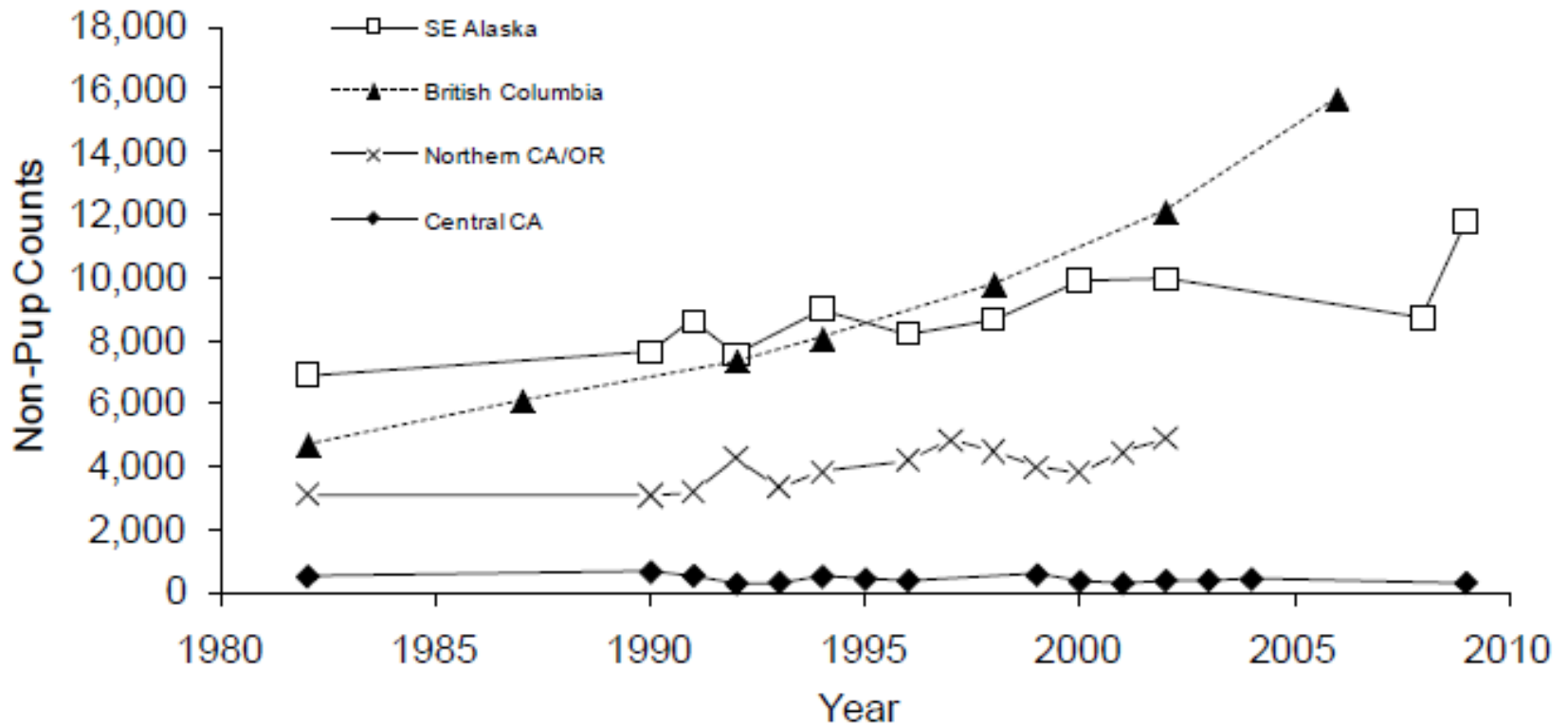


Stellers and California Sea Lions

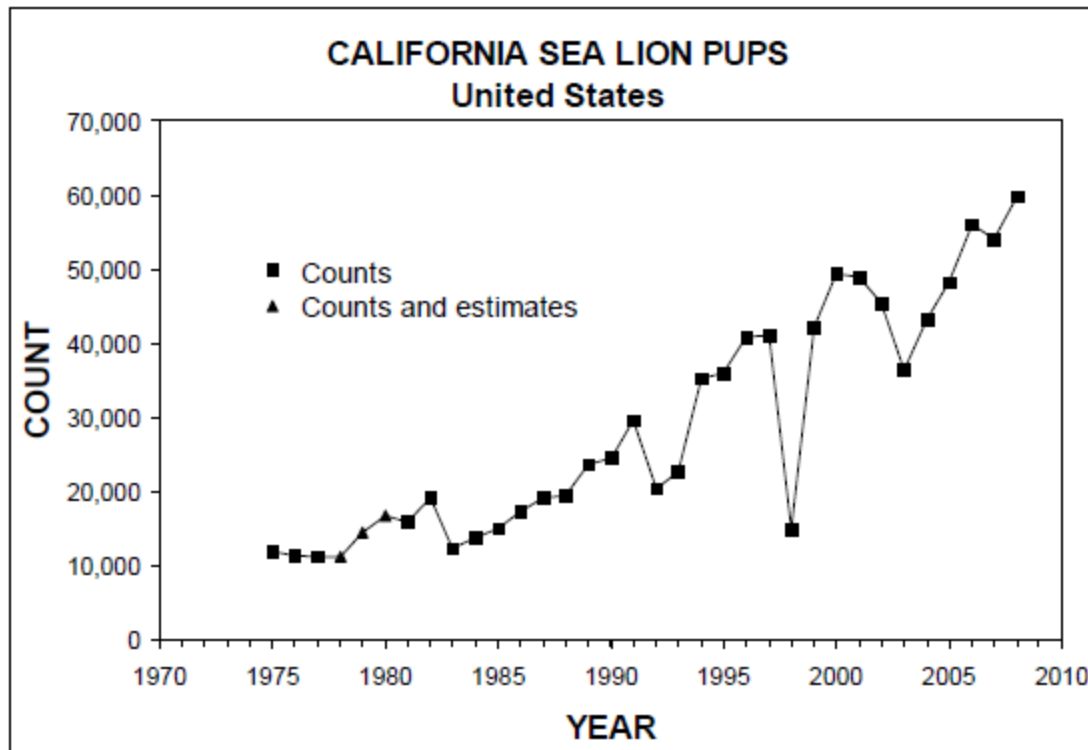
Stellers Down and Californias up



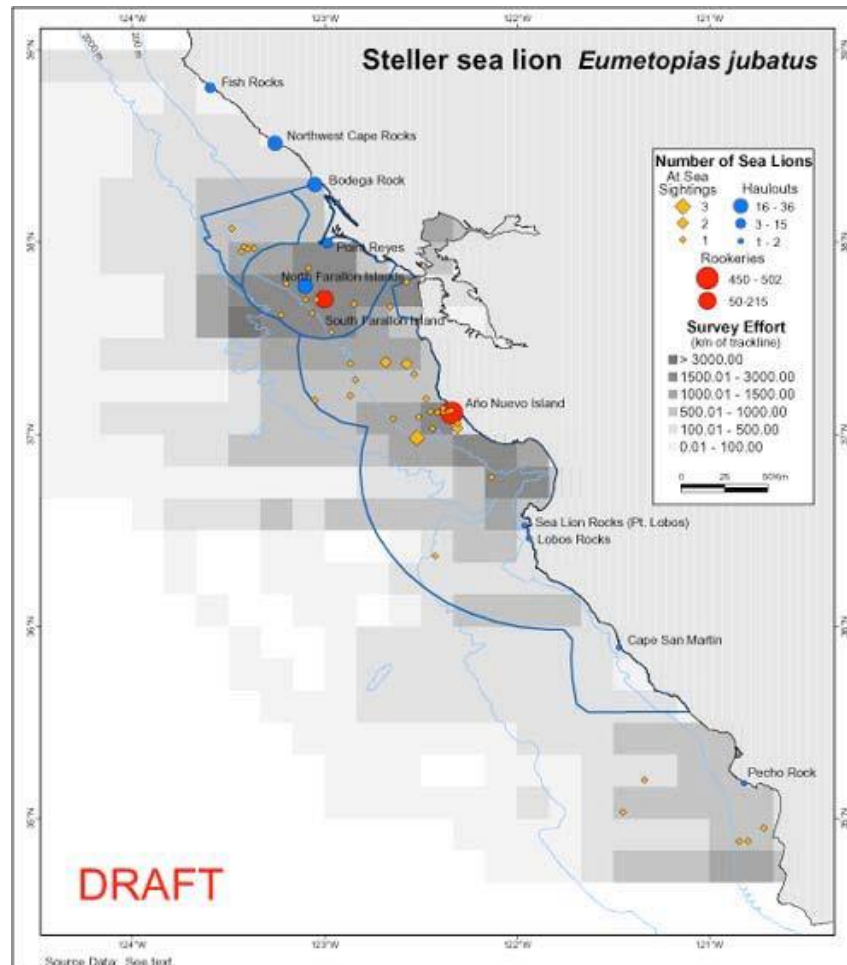
Is Fort Ross In Northern or Central California? Eastern Stock STSL Counts



California Sea Lion Pups Increase



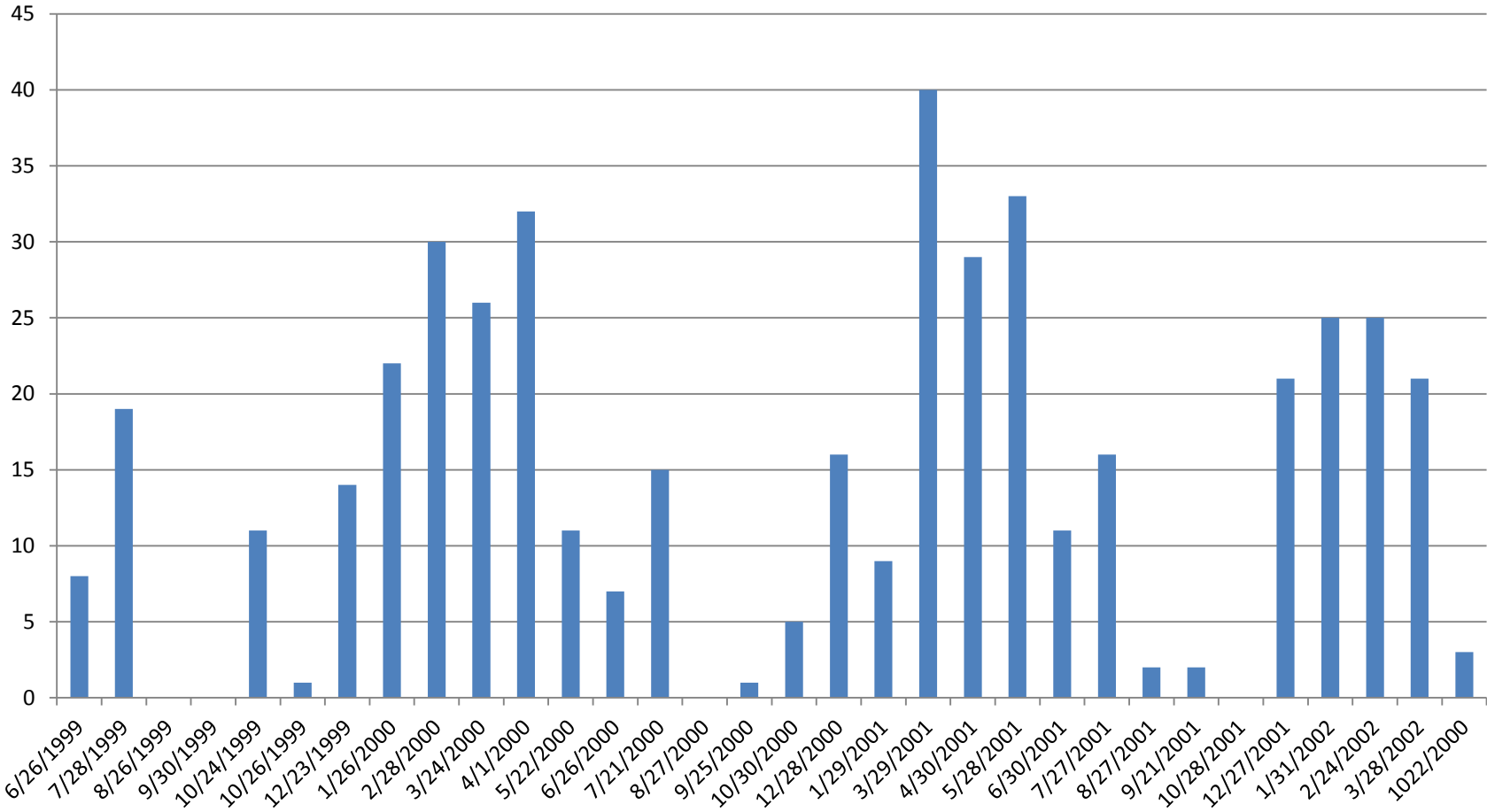
2001 Central California STSL Population at Sea and on Land



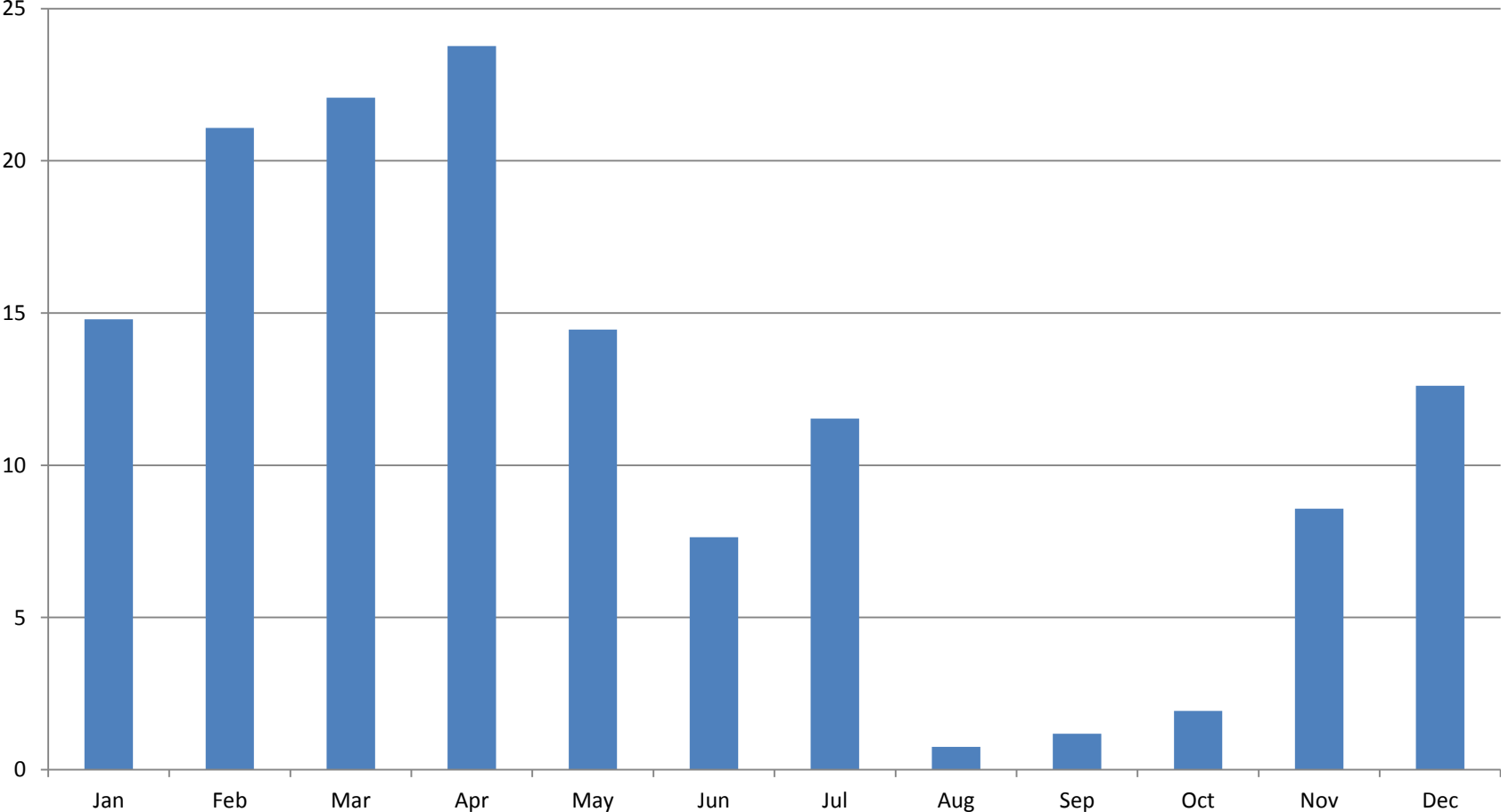
Fort Ross



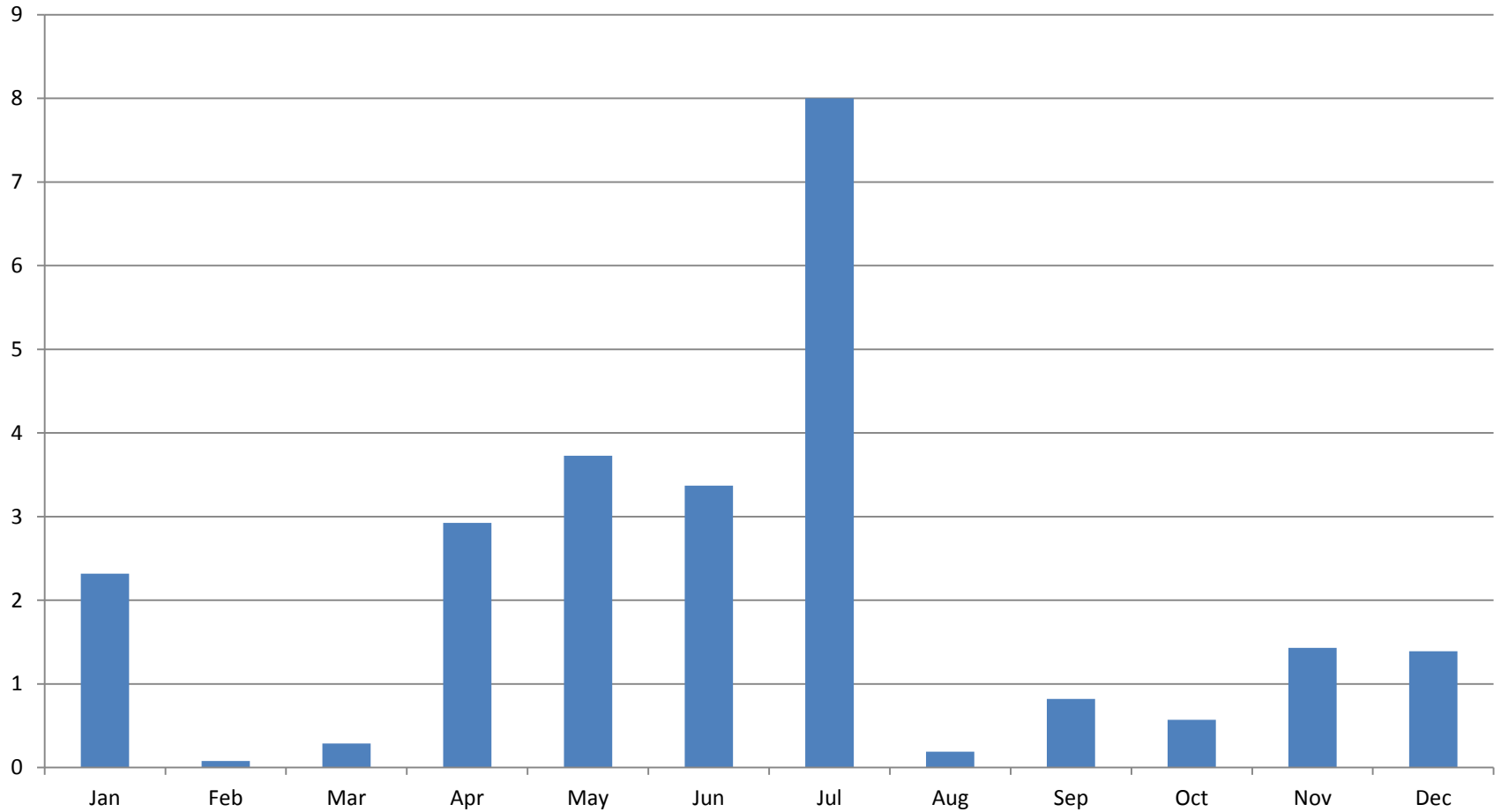
Fort Ross Maximum Steller Sea Lions 1999 2002



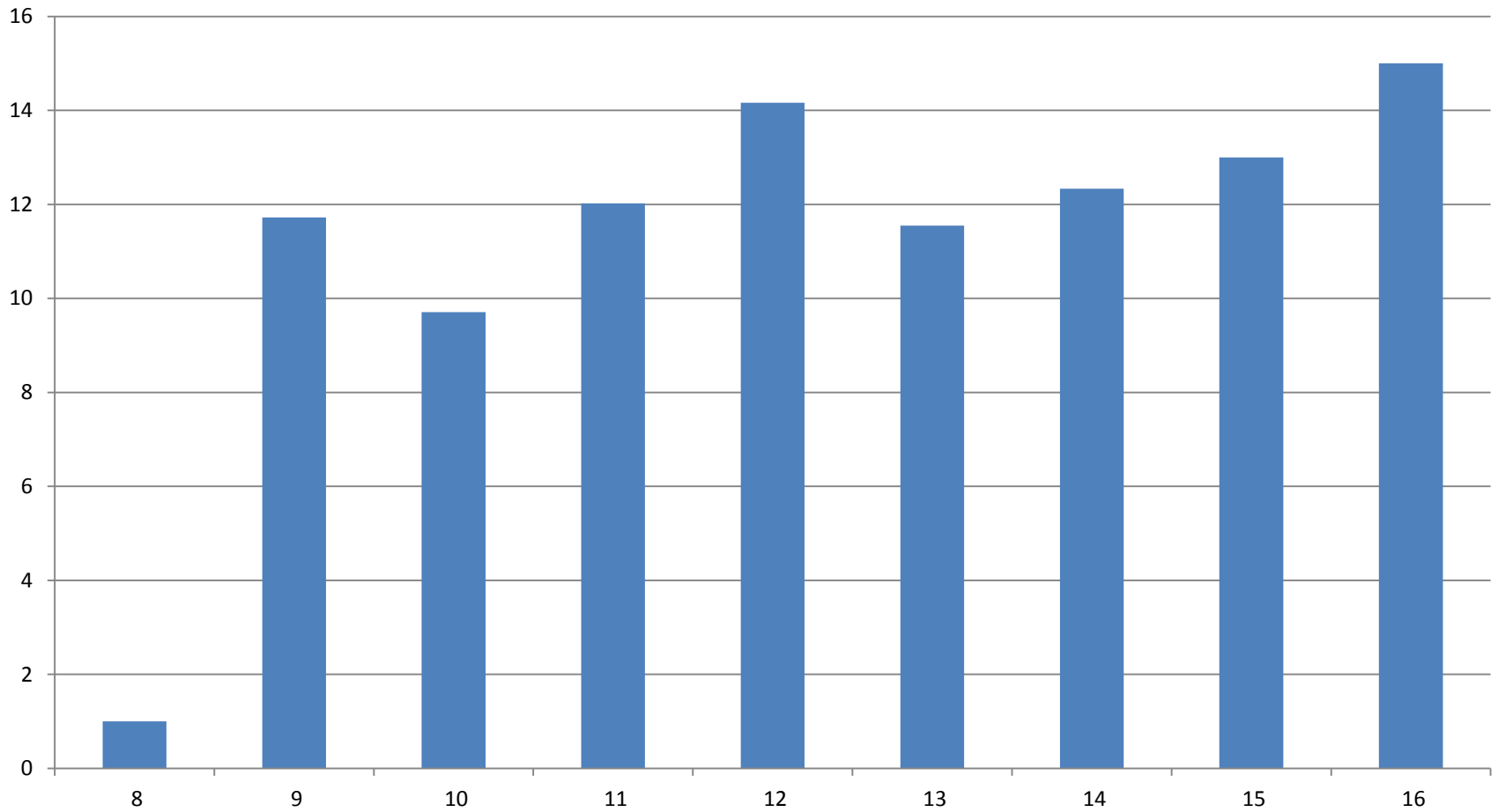
Average Fort Ross Steller Sea Lions Over Months



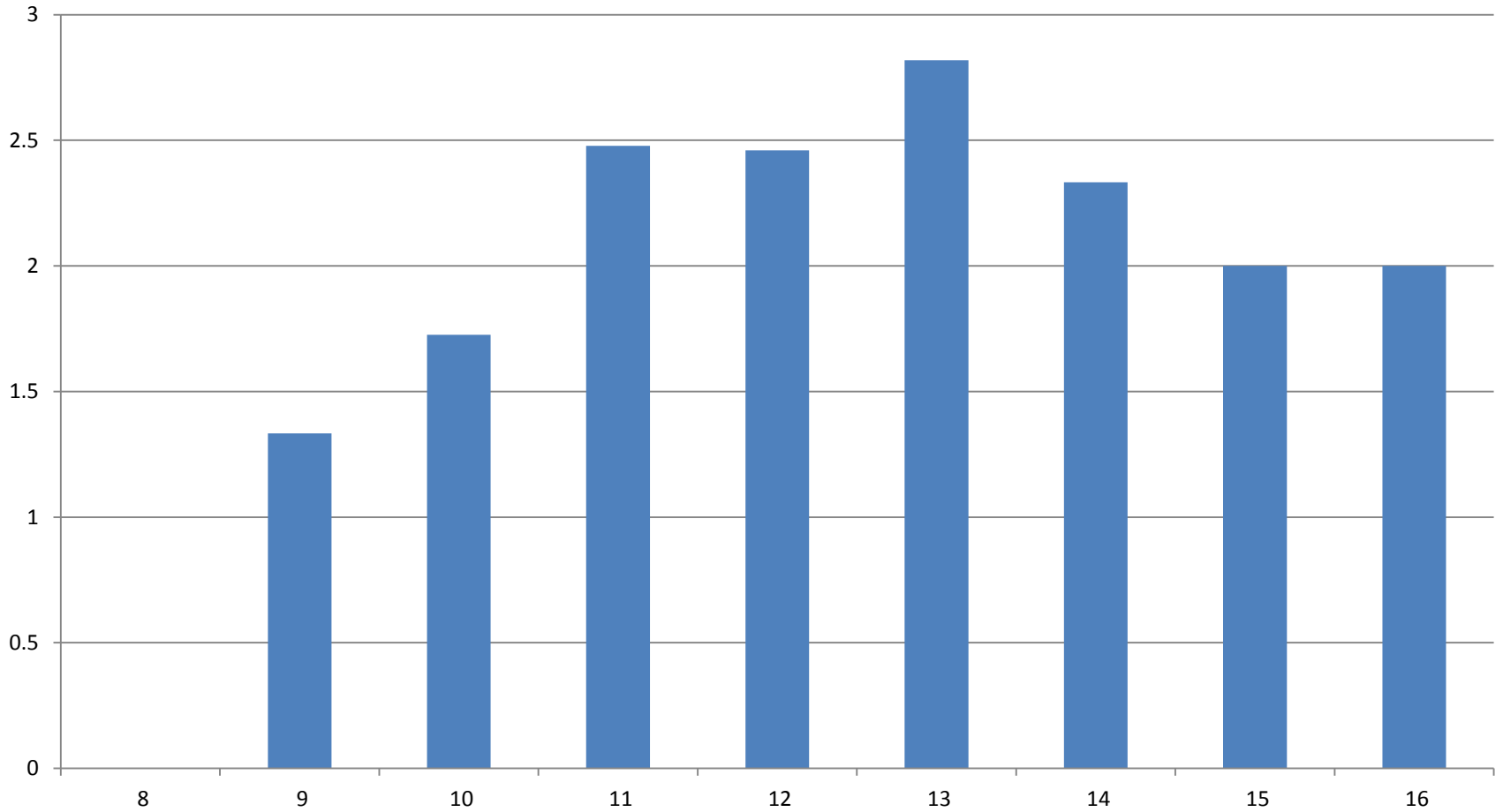
Average Fort Ross Bulls Over Months



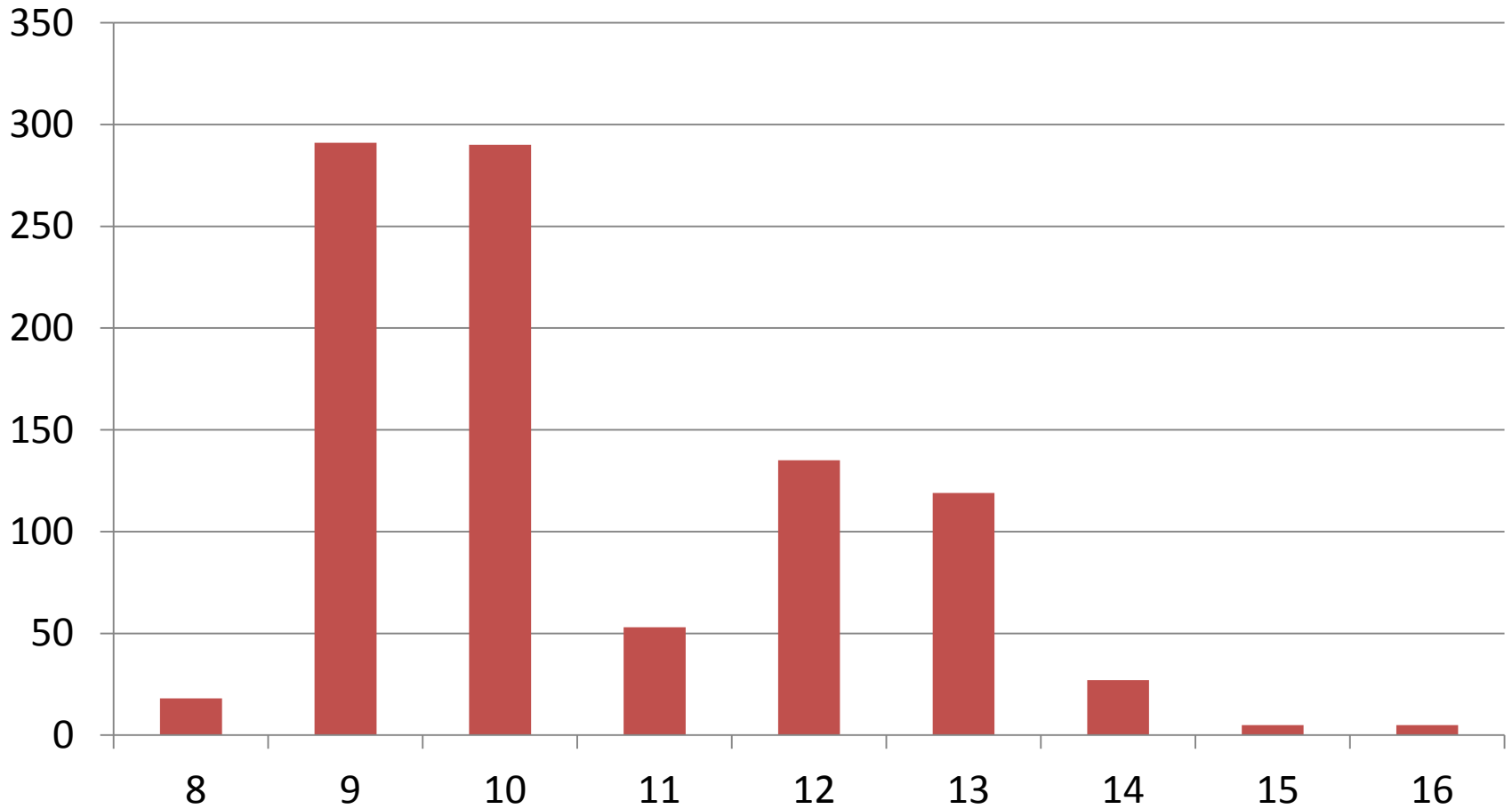
Average Fort Ross Stellers Over Hours



Average Fort Ross Pups Over Hours

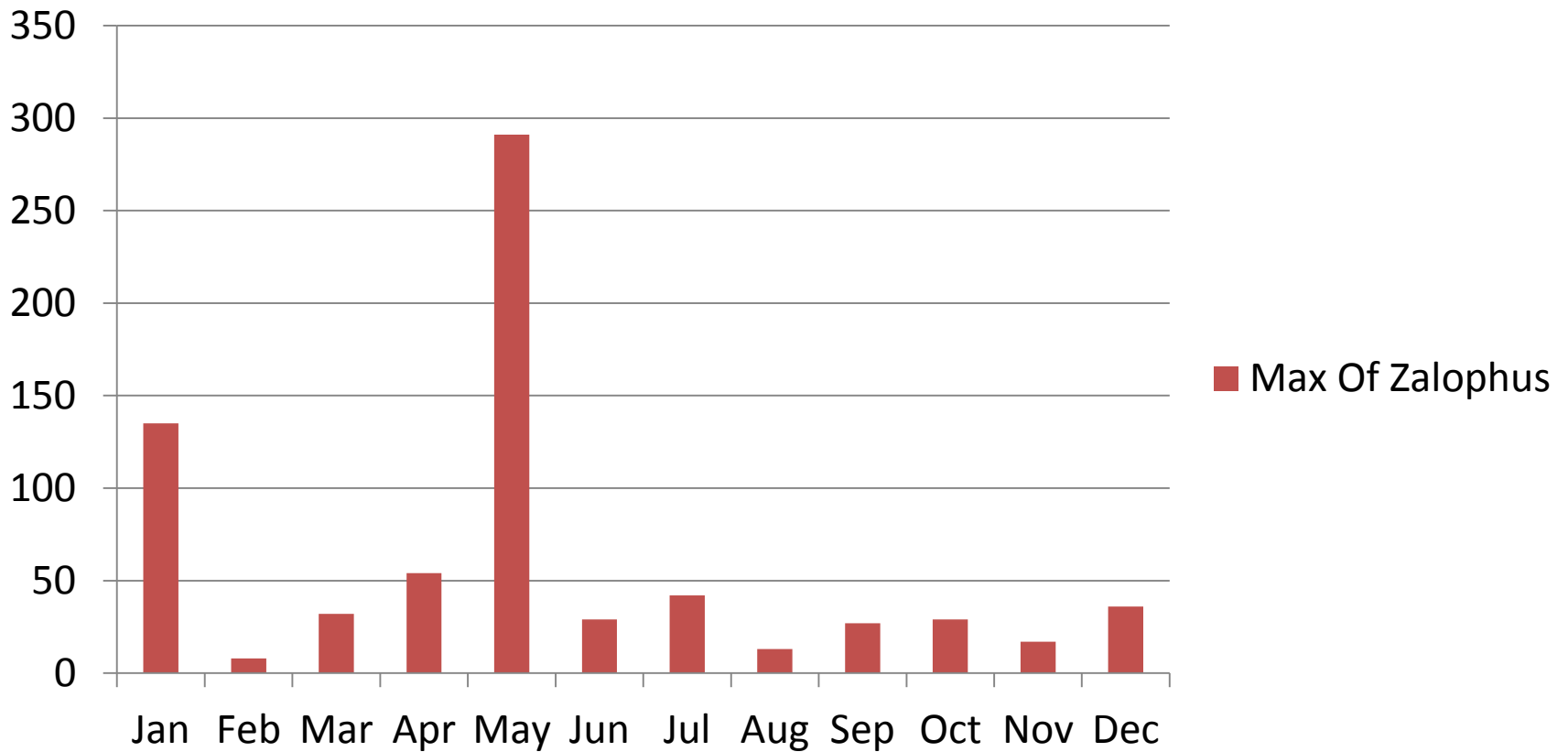


Maximum California Sea Lions Over Hours



Maximum California Sea Lions Over Hours

Max Of Zalophus



Issues

- What is the trend for Fort Ross' Steller numbers?
- What is the relation between Californias and Stellers at Fort Ross? Do they compete for space?
- Is Fort Ross a colony? Are there pups present, and if so, when?
- What will global warming do to the sea lions?

That's All Folks