

Alaska Ecosystem Program

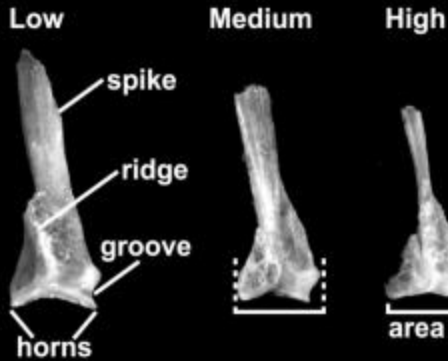
NOAA Fisheries

National Marine Mammal Laboratory

Seattle, WA

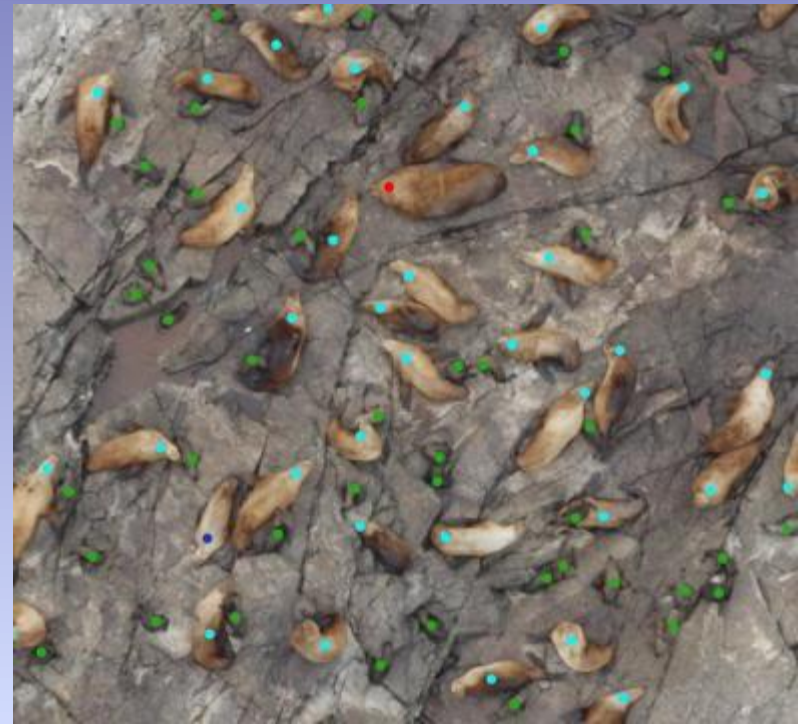


Degree of digestion:



Abundance Trends to 2011

- Pup / Non-Pup Counts and Regional Trends including graphs By sub region/ RCA through 2011 in wDPS



- These data/results will be published in a Tech Memo hopefully in print by Fall 2012

- Russian counts from Vladimir Burkanov

Survival rates through age 11 in the PWS-EAI region based on brand sightings

- Age-sex-region specific survival rates for EAI, CGOA and EGOA for the years 2000-2011
 - Comparison with EGOA results (Chiswells & PWS)
- Time series of survivorship changes in the CGOA 1975-2011
 - 1975-76 -Life table Holmes et al. modeling, Calkins & Pitcher,
 - 1980s & 1990s (Pendleton)
 - 2000-11 (Underway – will include data from Cohorts marked since 2000)



Age-sex composition in wDPS and comparisons with SE AK

- **Pup/Adult female ratios by region**
- **Adult female/bull ratios by region (provides an estimate of current density of rookery; the higher this ratio, the denser the rookery since bulls occupy/maintain consistent area)**
- **Adult female and pup proportion on haulouts and rookeries by region**



Aleutian Island Food habits: 1999 - 2009

- A continuation of the 1990 – 1998 results presented in Sinclair and Zeppelin, 2002
- Displayed by sub region and RCA
- Manuscript is intended to be available for citation in EIS



Recent satellite telemetry work

1. Summary of information from single adult female captured in Central Aleutians in Nov. 2011
2. Summary of information from three adult females captured in SE Alaska in Nov. 2010
3. Summary of results from 16 juveniles in the Central Aleutians 2005*

**(Diving Behaviors and Movements of Juvenile Steller Sea Lions (*Eumetopias jubatus*) Captured in the Central Aleutian Islands, April 2005. 2011 NOAA Tech Memo NMFS-AFSC-218)*



What Else?

