

The Northern Elephant Seal

Mirounga angustirostris









Recovery from near extinction

JOURNAL OF MAMMALOGY

Published Quarterly by the American Society of Mammalogists

VOL. 5

AUGUST, 1924

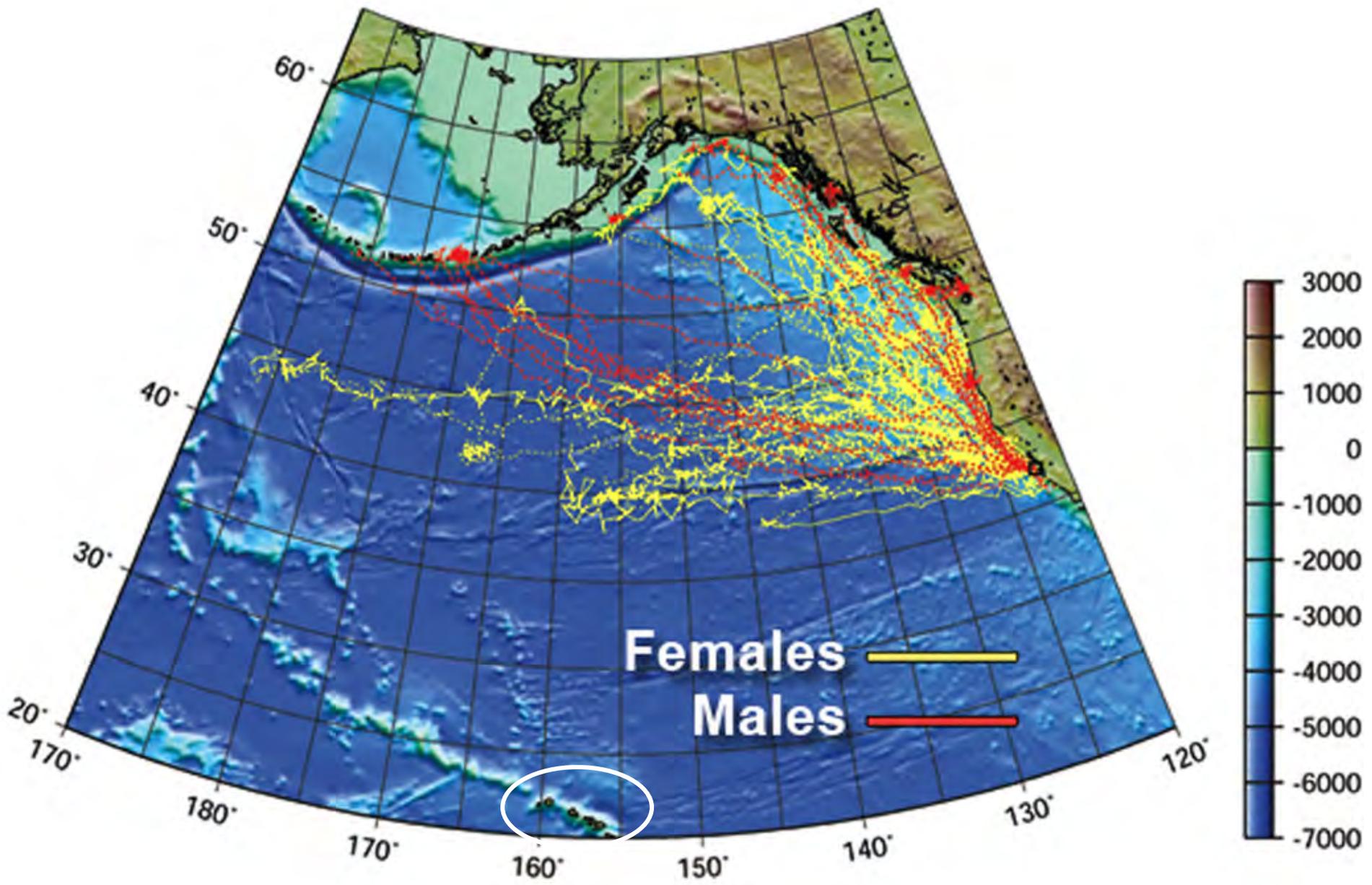
No. 3

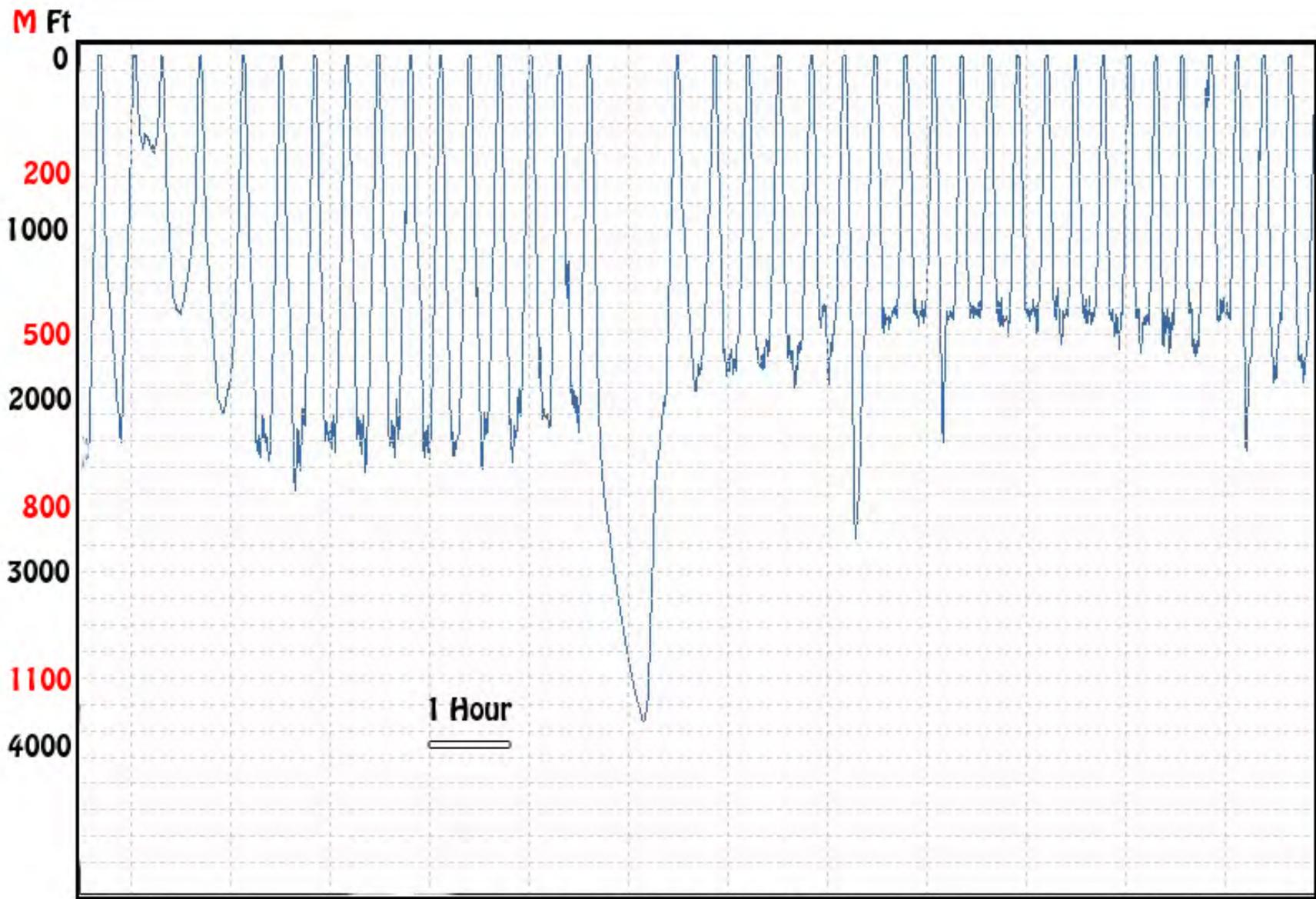
NOTES ON THE PRESENT STATUS OF THE NORTHERN
ELEPHANT SEAL, *MIROUNGA ANGUSTIROSTRIS*

BY A. W. ANTHONY

In 1892 Doctor Townsend and myself were sent to Guadalupe Island by the State Department to secure evidence of the occurrence there of fur seals, and found, to the surprise of all naturalists, nine of the supposed extinct elephant seals. Acting again on the plan of saving them from the oil barrel, we shot seven, only three of which we were able to take from the beach, owing to the heavy surf.

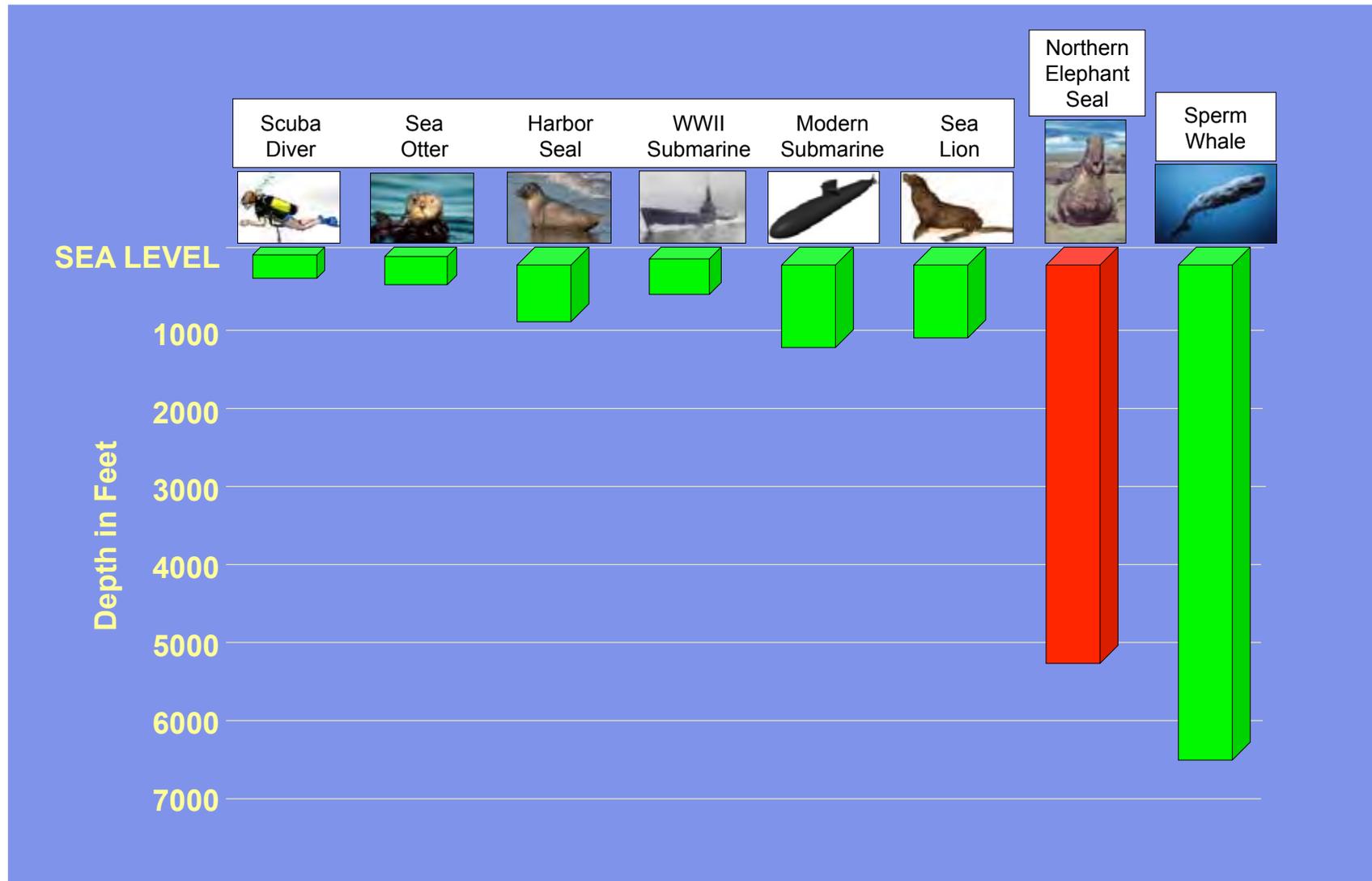






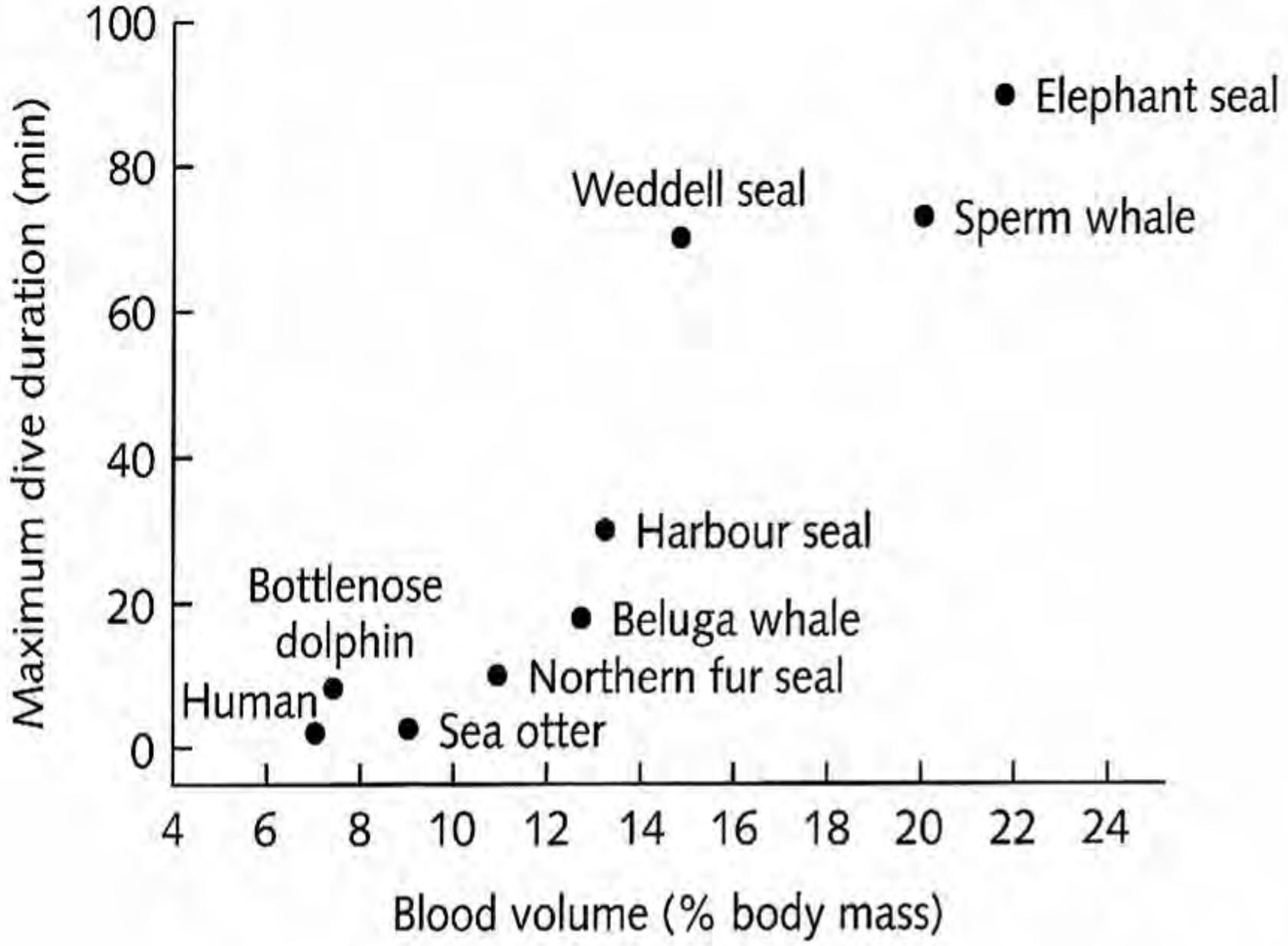
Dive pattern of seal GM778

Comparison of Diving Ability



Adaptations to the Marine Environment

- Shape
- Body Temperature
 - Blubber
 - Countercurrent heat exchange
 - Metabolic rate
 - Blood flow control
- Oxygen
 - Storage
 - Bradycardia
- Salt
- Vision
- Fasting
 - Protein conservation
 - Water conservation







Elephant Seal Diet



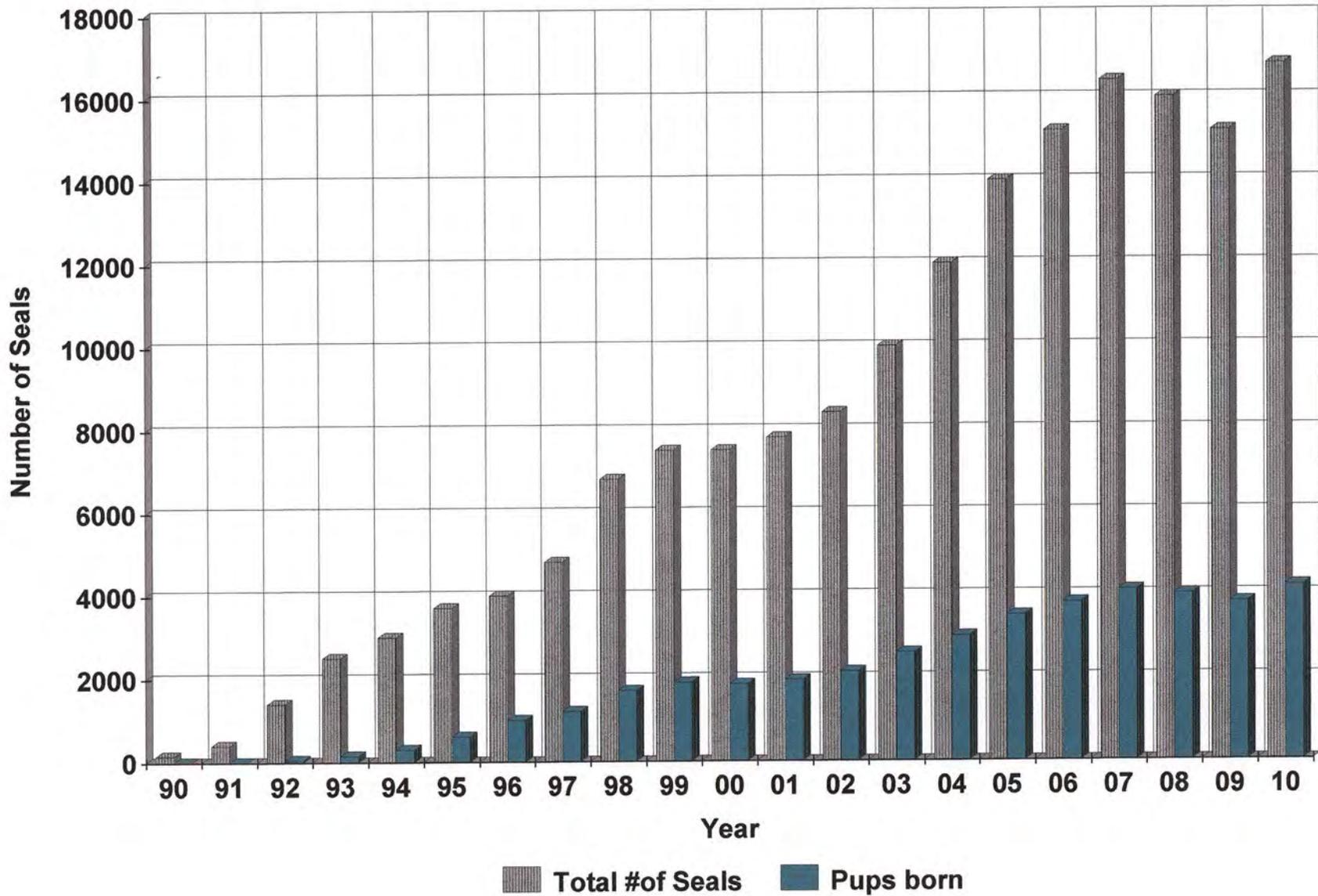




Approximate Ocean Depths Piedras Blancas Rookery

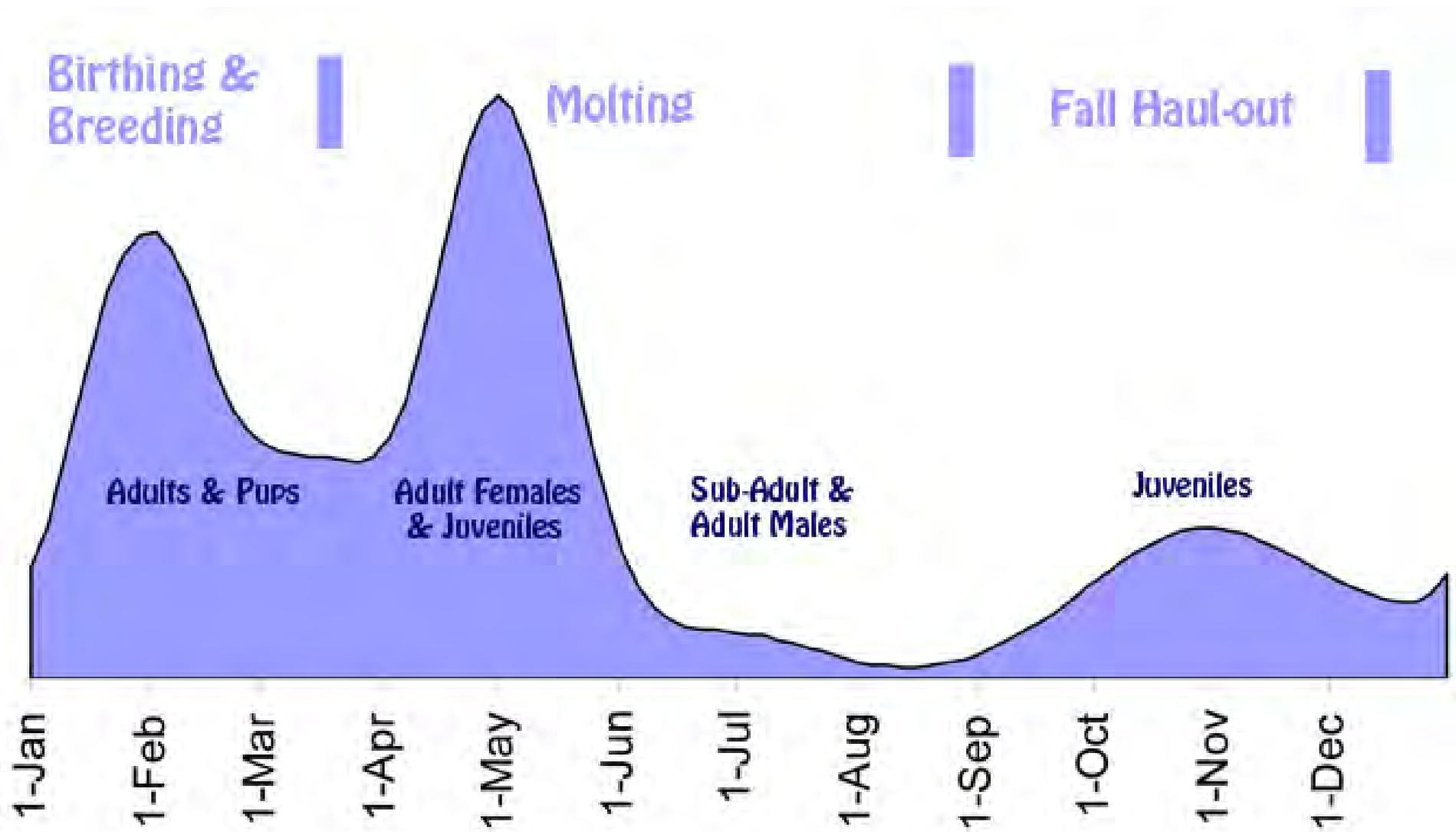


Elephant Seal Population Piedras Blancas Rookery





Friends of the Elephant Seal







































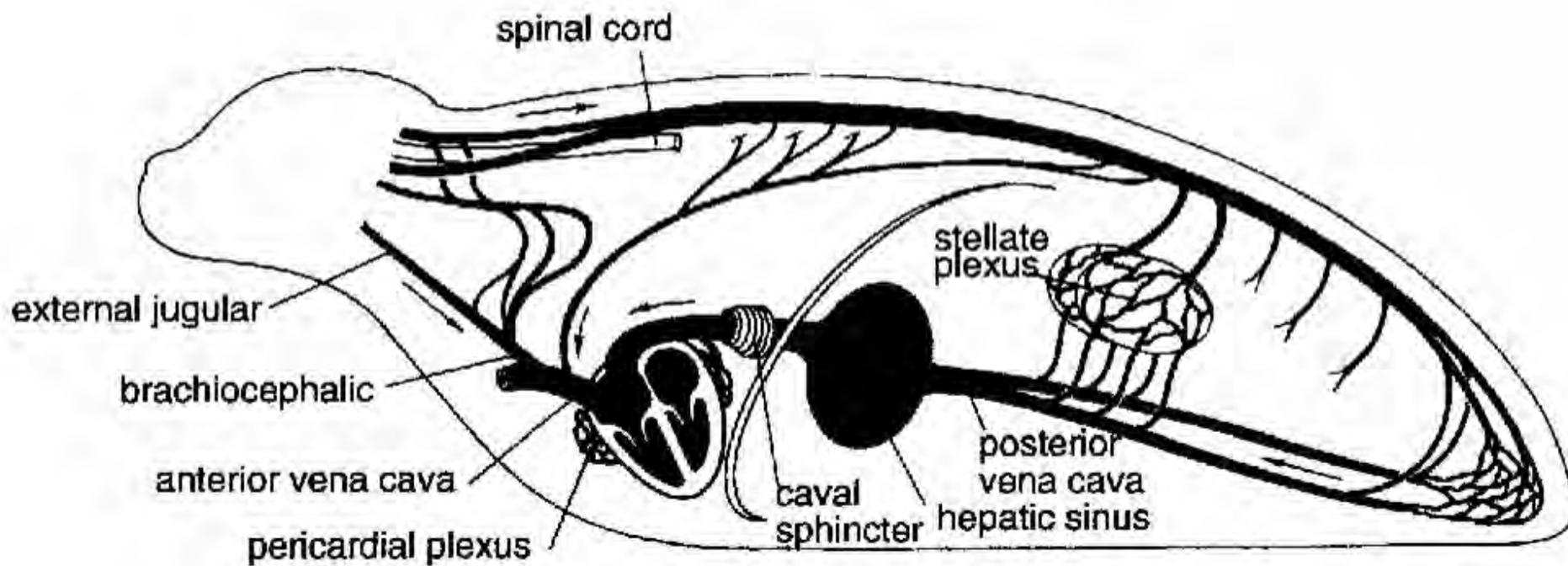




Friends of the Elephant Seal
www.elephantseal.org

Thank You











Friends of the Elephant Seal Activities

- **Protection of seals from harassment.**
- **Public Education**
- **Seal rescue**
- **Identifying and logging tagged seals**

