

RESEARCH MATERIAL

go to <http://www.elephantseal.org/fordocents.htm>

Check the Newsletter archive link or the Research Articles link to locate the topics listed below

TOPIC	PUBLICATION DATE	LOCATION
Apnea 1	2014 May	Diving Deep
Apnea 2	2014 June	Diving Deep
Archaeology & E.Seal Bones	2013 December	General Item
Beaked Whales	2014 November	Diving Deep
Birth – Head or Tail First	2014 January	Fun Fact
Birthing Chaos	2014 February	Phil's Column
Births 1	2014 December	Phil's Column
Births 2	2015 January	Phil's Column
Boardwalks on the Bluff A History	2013 August	General Item
Brain Size	2013 July	General Item
Buoyancy	2015 January	Diving Deep
Buoyancy	2013 December	Fun Fact
Catastrophic Molt	2013 May	Fun Fact
Cookie Cutter Shark	2015 April	Diving Deep
Countercurrent Heat Exchange - 1	2014 September	Diving Deep
Countercurrent Heat Exchange - 2	2015 May	Phil's Column
Countershading	2014 December	Diving Deep
Delayed Implantation	2013 November	Fun Fact
Dive Types 1	2014 July	Diving Deep
Dive Types 2	2014 August	Diving Deep
Diving - The Bends	2014 November	Fun Fact
Docent – A Welcome	2014 November	Phil's Column
Docent – Being a Docent	2014 June	Phil's Column
E.Seal and Whale Feeding	2014 June	Diving Deep
Elephant Seal Intelligence	2013 June	General Item
Estrus & Nursing	2015 March	Fun Fact
Fall Haul Out	2014 August	Phil's Column
Fall Haul-Out	2013 September	Phil's Column
Fasting Metabolism	2013 September	Fun Fact
Food Input – 10% of body Mass	2013 November	General Item
Genetic Bottleneck	2015 January	Fun Fact
Gray Whale Sightings	2014 April	Diving Deep
Haul Out Exceptions	2014 September	Phil's Column
Hearing	2014 October	Fun Fact
Juvenile Haul Out and Bone Density	2014 February	General Item
Learning to Swim	2015 March	Phil's Column
Male Arrivals	2013 December	Phil's Column
Male Molt	2013 July	Phil's Column
Manatee	2015 May	Diving Deep
Mating & the Female Response	2014 February	Fun Fact
Mating Season	2014 March	Phil's Column
Mating Season	2015 February	Phil's Column
Mesopelagic–Deep Ocean	2015 June	Diving Deep
Migration – Male & Female	2014 October	Phil's Column
Milk	2013 October	Fun Fact
Molt - Discarded Hair	2014 July	Phil's Column
Molt – Mass Losses	2013 March	Fun Fact
Molting	2014 May	Phil's Column

Mothering	2014 January	Phil's Column
Multiple Matings- Female E.Seal	2014 April	Fun Fact
Muscles – "Lazy"	2013 August	Phil's Column
Nasal Turbinates	2014 October	Diving Deep
Nursing	2015 February	Fun Fact
Pelicans	2013 October	Phil's Column
Percentage of Alphas	2014 February	Diving Deep
Populations Northern & Southern E.Seals	2014 July	Fun Fact
Scabby Molt	2013 September	General Item
Shark Bites on E.Seals	2014 November	General Item
Shark Buoy	2013 November	General Item
Size of the Elephant Seal (Sequoia)	2014 August	Fun Fact
Sleep Pattern – The Falling Leaf Theory	2014 March	General Item
Steller's Sea Cow	2015 February	Diving Deep
Streamlining	2014 September	Fun Fact
Surface Time	2013 December	Diving Deep
Swim Speeds of Marine Mammals	2014 March	Diving Deep
Travel Distances	2013 August	Fun Fact
Turbinates & Water Consumption	2013 June	Fun Fact
Twinning	2013 May	General Item
Vocal Recognition	2014 January	Diving Deep
Weaner and Yearling Size	2013 May	Did You Know
Weaners in the Water	2015 March	Diving Deep
Weaners Preparation for Sea	2014 April	Phil's Column
Weaning Success	2014 March	Did You Know
Who's On the Beach	2013 September	General Item

Go to <http://www.elephantseal.org/fordocents.htm> Click the **Research link** for these topics:

TOPIC	LOCATION
Adaptations for a Marine & Land Existence	Research Article
Adaptions to a Marine Environment	Research Article
Age at 1st Birth & Alternate mating Strategies	Research Article
Año Nuevo Interpretive Guide for Docents	Research Article
Año Nuevo Reports	Research Article
Año Nuevo State Park Seabird Conservation & Habitat	Research Article
Apnea, Ashore, and at Sea	Research Article
Blainesville's Beaked Whales & Northern E-Seals	Research Article
Effects of Reduced Genetic Variation in E-Seals	Research Article
Elephant Seal Vision	Research Article
Elephant Seal Vocalizations	Research Article
Falling Leaf Theory	Research Article
Foraging Behavior of the Female Northern E-Seal	Research Article
How Important is Bone Density in NES?	Research Article
Nasal Turbinate	Research Article
NES Colonization at Año Nuevo	Research Article
Northern Elephant Seal Survival	Research Article
Reproduction in Northern Elephant Seals	Research Article
Scabby Molt of Not?	Research Article
Twinning in Elephant Seals	Research Article
Vocalizations – Año Nuevo Docent Newsletter	Research Article
Where Were the NES in Prehistoric Times?	Research Article

RESEARCH MATERIAL continued

To view the AMONG FRIENDS articles, go to:

<http://www.elephantseal.org>

Click on ***Among Friends Publications*** for these topics

TOPIC	LOCATION
A Harrowing Life	Spring 2013
A Perilous Life	Winter 2014-15
A Rest for the Young	Fall 2013
Are E-Seals Affected by Global Warming	Winter 2014-15
Battle for Dominance	Winter 2012
Birthing and Nursing	Winter 2012
Coastal Upwelling	Spring 2015
Diving - How Do They Do It	Spring 2015
E-Seal Vocalizations	Summer 2014
E.Seal Births & How to Spot Them	Winter 2012
E.Seal Migration	Summer 2012
Fasting – Nor Any Drop to Drink	Spring 2013
Foraging	Spring 2015
It's in the Blood	Fall 2013
Migration – The Maiden Voyage	Spring 2013
Molting - Off With the Old	Spring 2013
Piedras Blancas State & National Monument Initiative	Winter 2014-15