

# Natural Resources of the NORTHWESTERN HAWAIIAN ISLANDS



## Relative Biogeographic Comparison

Data Classified as Quantiles, Five-Bank and Working, 2005



Between 1996 and 2005, 294 metric tons of marine debris was removed from Pearl and Hermes Atoll, more than half of all nets and other large debris removed from NWHI reef.



Over 14 million seabirds nest in the NWHI and many forage in the waters surrounding the breeding colonies. Laysan Island has the greatest diversity of bird species in the NWHI.



During World War II, Midway served as an important naval air station and submarine refit base. The atoll was attacked twice, first on December 7th 1941 and again during the pivotal battle of Midway, June 4th-6th 1942. This Corral is one of the remnants of military presence during WWII.



Pearl and Hermes Atoll has the highest percentage of endemic fish species of any atoll in the Hawaiian Archipelago, over half of all fish recorded here are only found in Hawaii. The masked angelfish, *Gerrhonotus personatus* is one of these endemic species.



With approximately 290 individuals, French Frigate Shoals has the largest monk seal colony in the NWHI.



Over 90% of all green sea turtles in the Hawaiian Archipelago nest at French Frigate Shoals.



A large number of archaeological features on the islands of Nihoa and Necker attest to early Native Hawaiian presence in the region. Both islands are on the National Register of Historic Places.

United States and Japanese ships sunk during the Battle of Midway, June 4-7, 1942.



Pearl & Hermes Atoll

Laysan Island

French Frigate Shoals

Necker Island

Nihoa Island

Kauai

## Legend

### Protected Species

- Dolphin Resting Area
- Largest Nesting Sites for Seabirds of Highest Concern
- Hawaiian Monk Seal Colony
- Green Sea Turtle Nesting Site

### Bathymetry

- 0 to 100 Fathoms
- 100 to 1,000 Fathoms
- 1,000 to 2,000 Fathoms
- 2,000+ Fathoms

### Bottomfish Harvest (1996-2002)

- 0 to 30,000 lbs.
- 30,000 lbs. to 60,000 lbs.
- 60,000 lbs. to 90,000 lbs.
- 90,000 lbs. to 120,000 lbs.

### Foraging Ranges

- Hawaiian Monk Seal
- Masked Booby
- Red Footed Booby

