



**Fall and Rise  
of the**

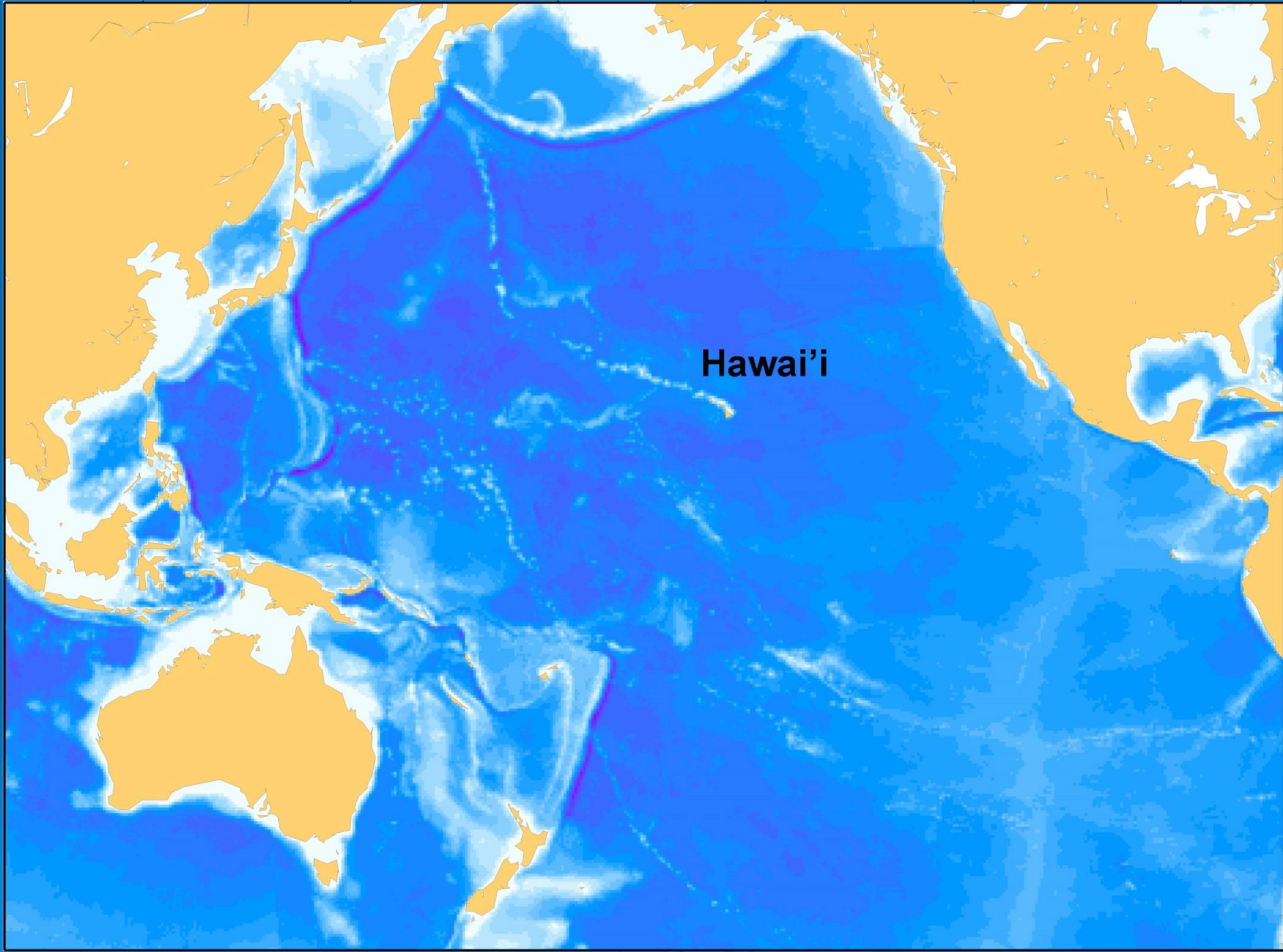
**Hawaiian Honu**

鳳凰

# **A 50-year Witness**



**To Cultural and Conservation Change**



**Hawai'i**



**WANTED!**



FOR  
STEAKS, SOUPS  
PURSES,  
SHOES  
ETC.  
ETC.



REPRODUCTION OF THE ORIGINAL DRAWING BY THE ARTIST

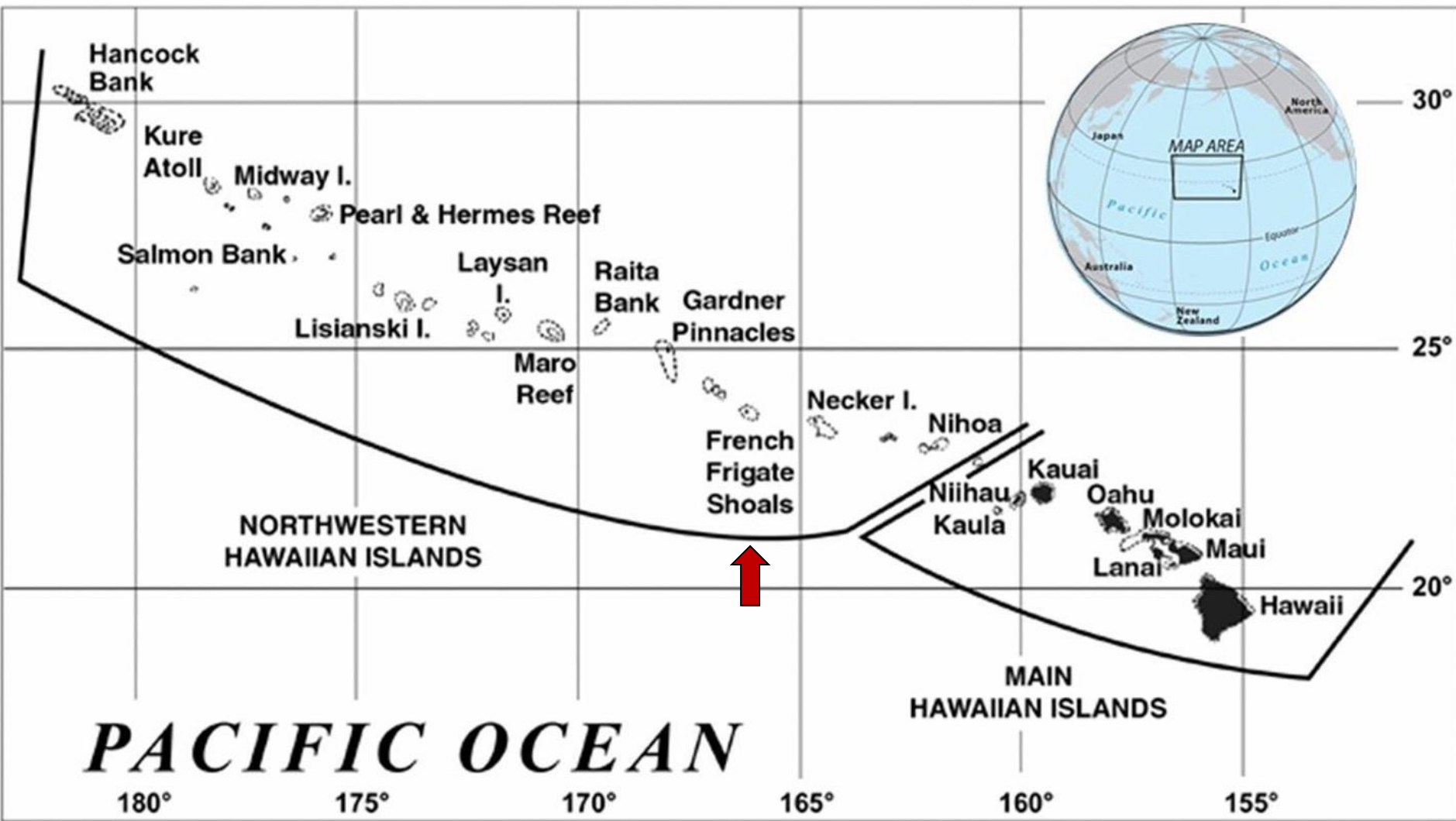
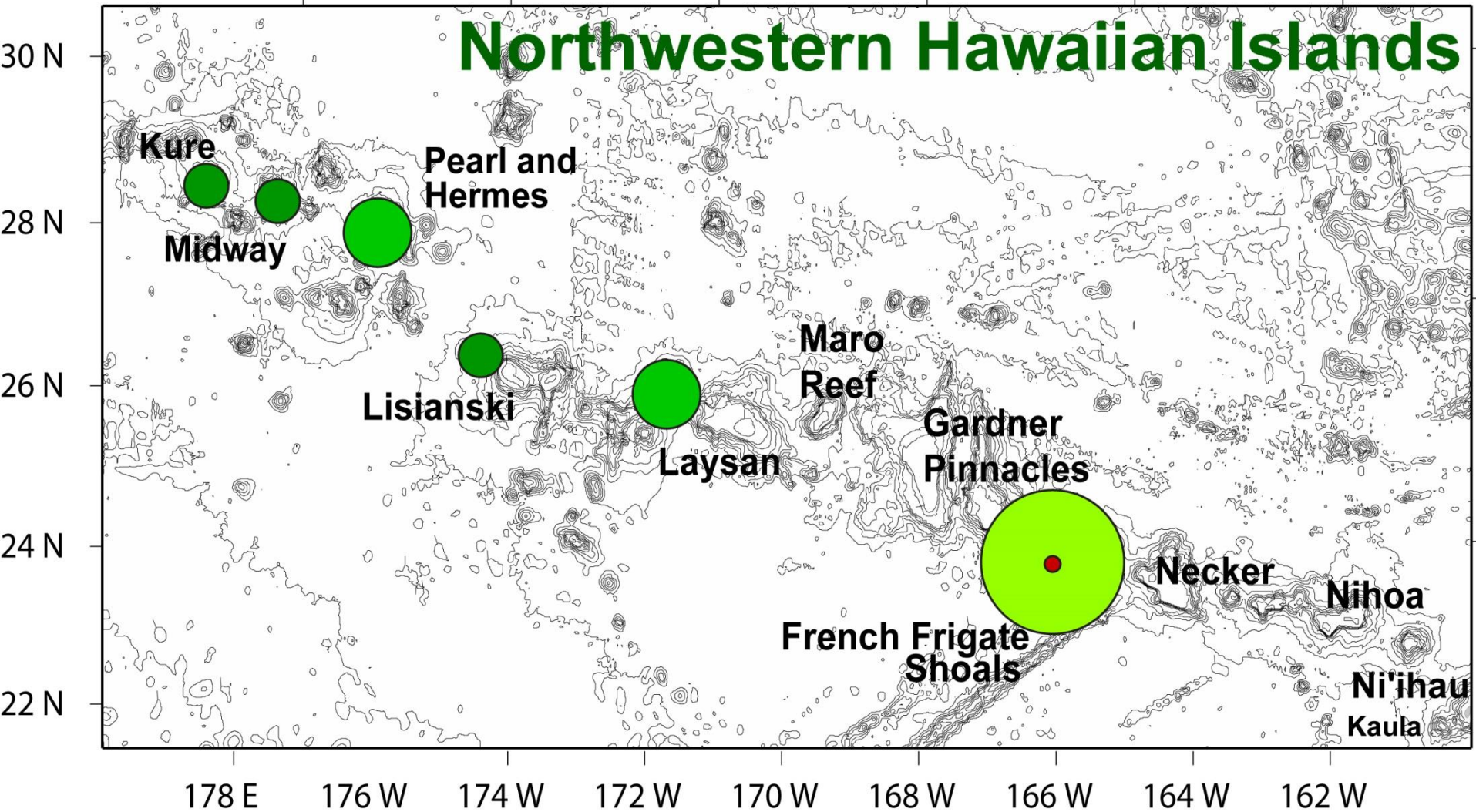


Figure 1. Hawaiian Archipelago

# Northwestern Hawaiian Islands

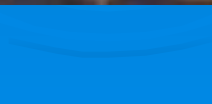
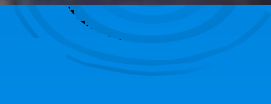






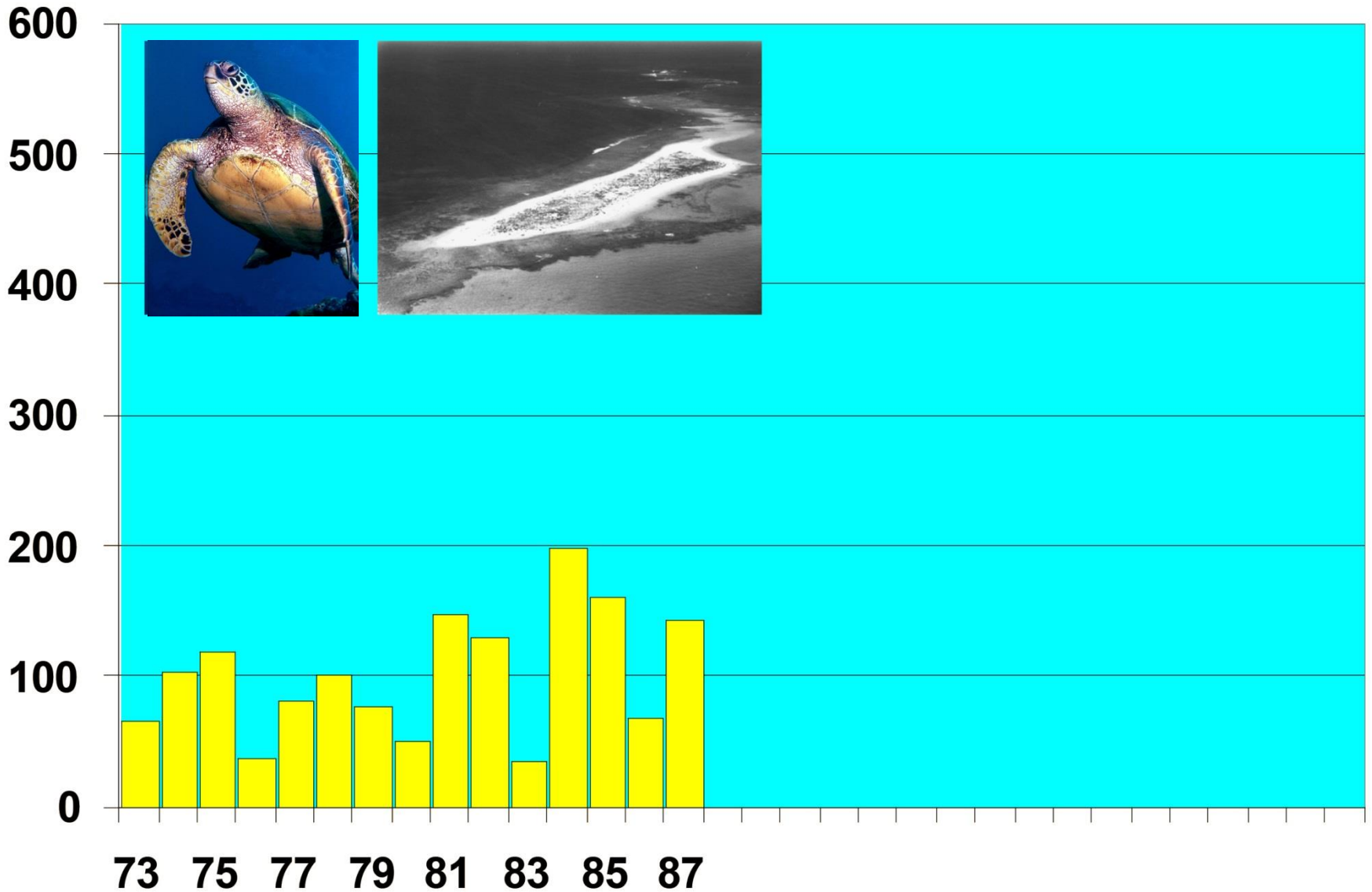




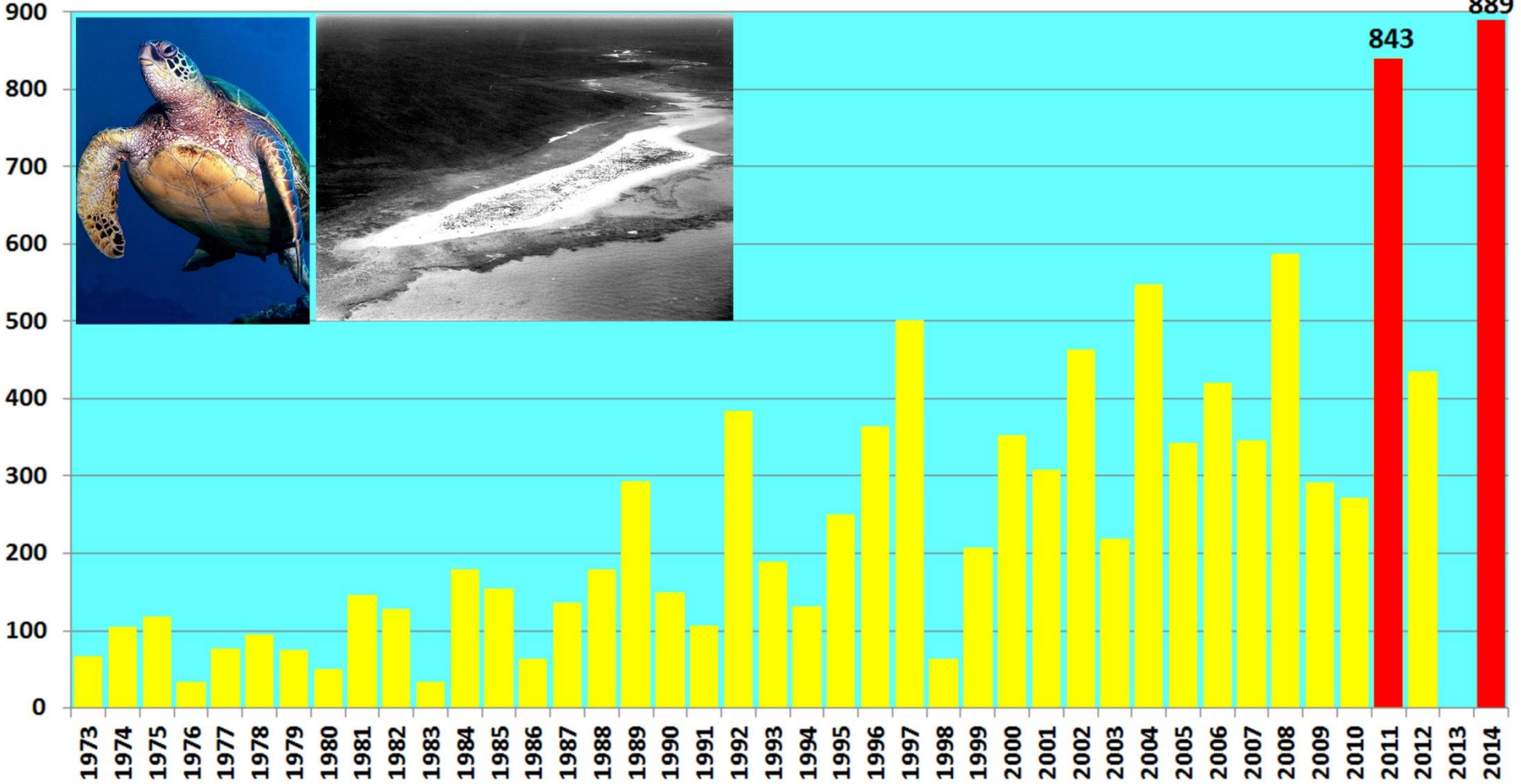




# GREEN TURTLES NESTING AT EAST ISLAND

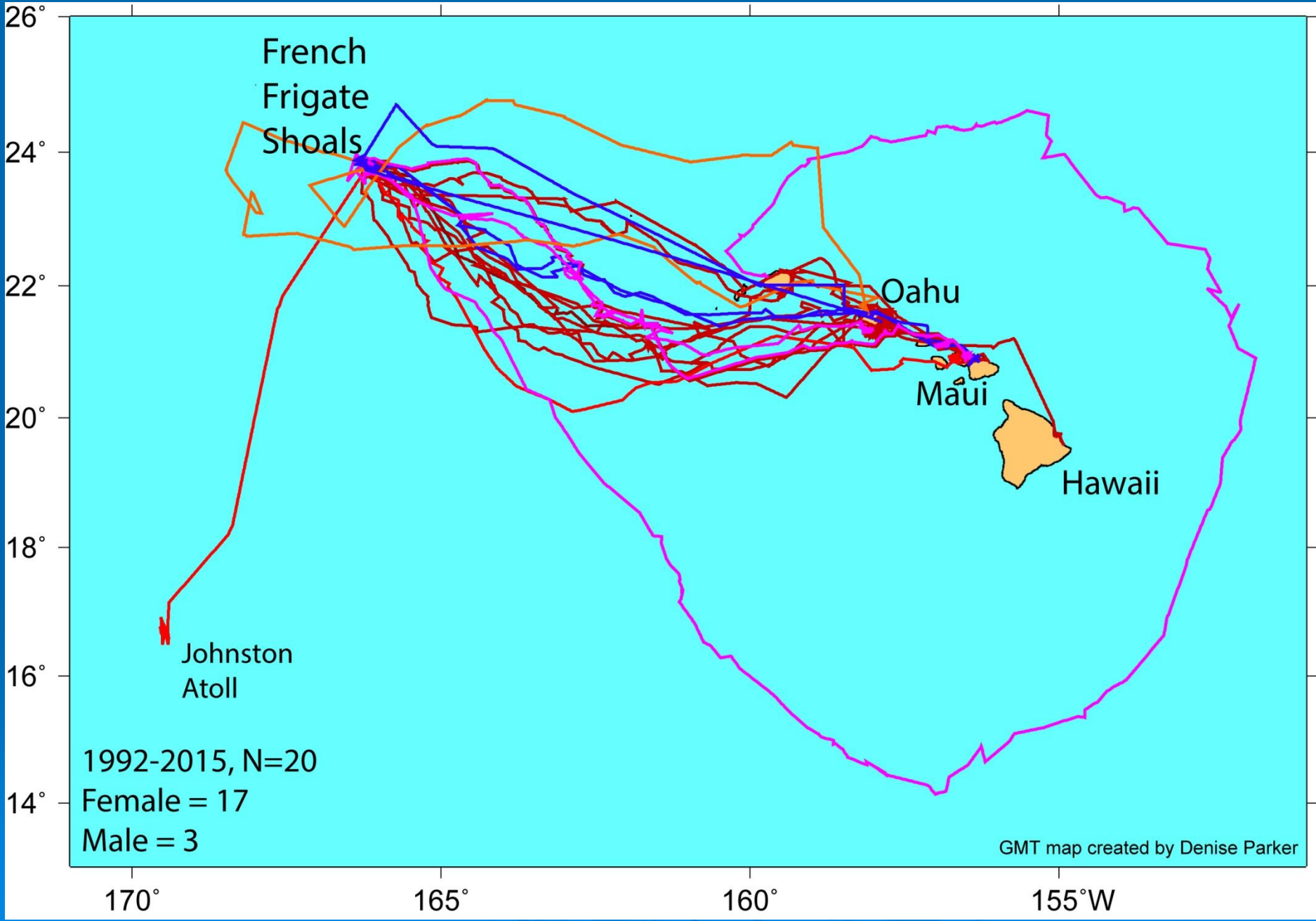


# Green turtles nesting at East Island, French Frigate Shoals, 1973-2014



## ANNUAL TREND FOR 42 SEASONS

Pacific Islands Fisheries Science Center  
National Marine Fisheries Service





**KAUAI**

Lihue

To Toronto (Can)...4750 m

**OAHU**

Honolulu

**MOLOKAI**

Lahaina

**MAUI**

Kahului

**LANAI**

To Los Angeles (U.S.A)...2560 m

**KAHOOLAWE**

To Sydney (Aus)...5310 m

**HAWAII**

Hilo

Kona

**HAWAIIAN ISLANDS**







# Changing Behaviors



10 5 '99





# Cleaning Behavior





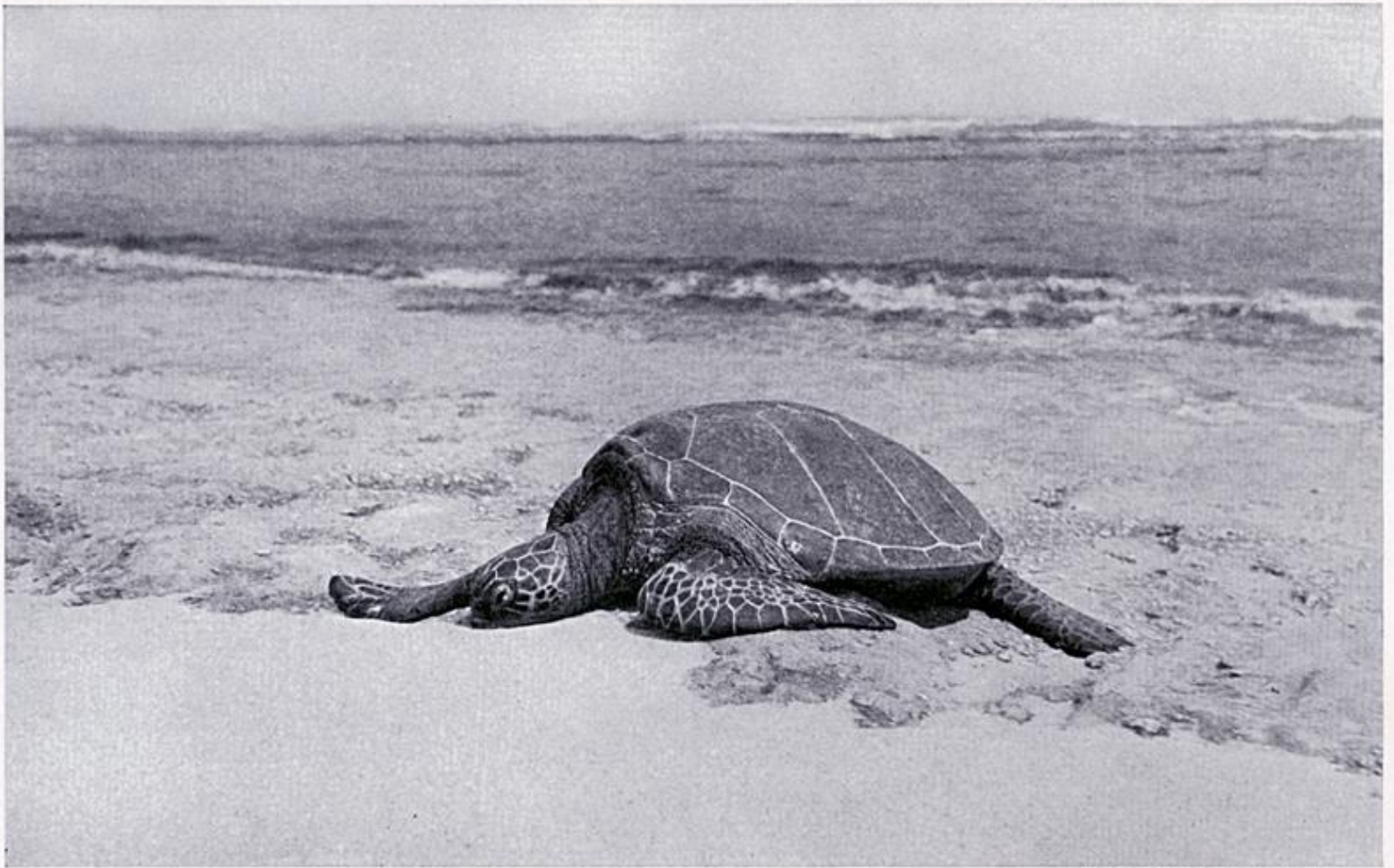
**Beauty Rest**











Photograph by Alexander Wetmore

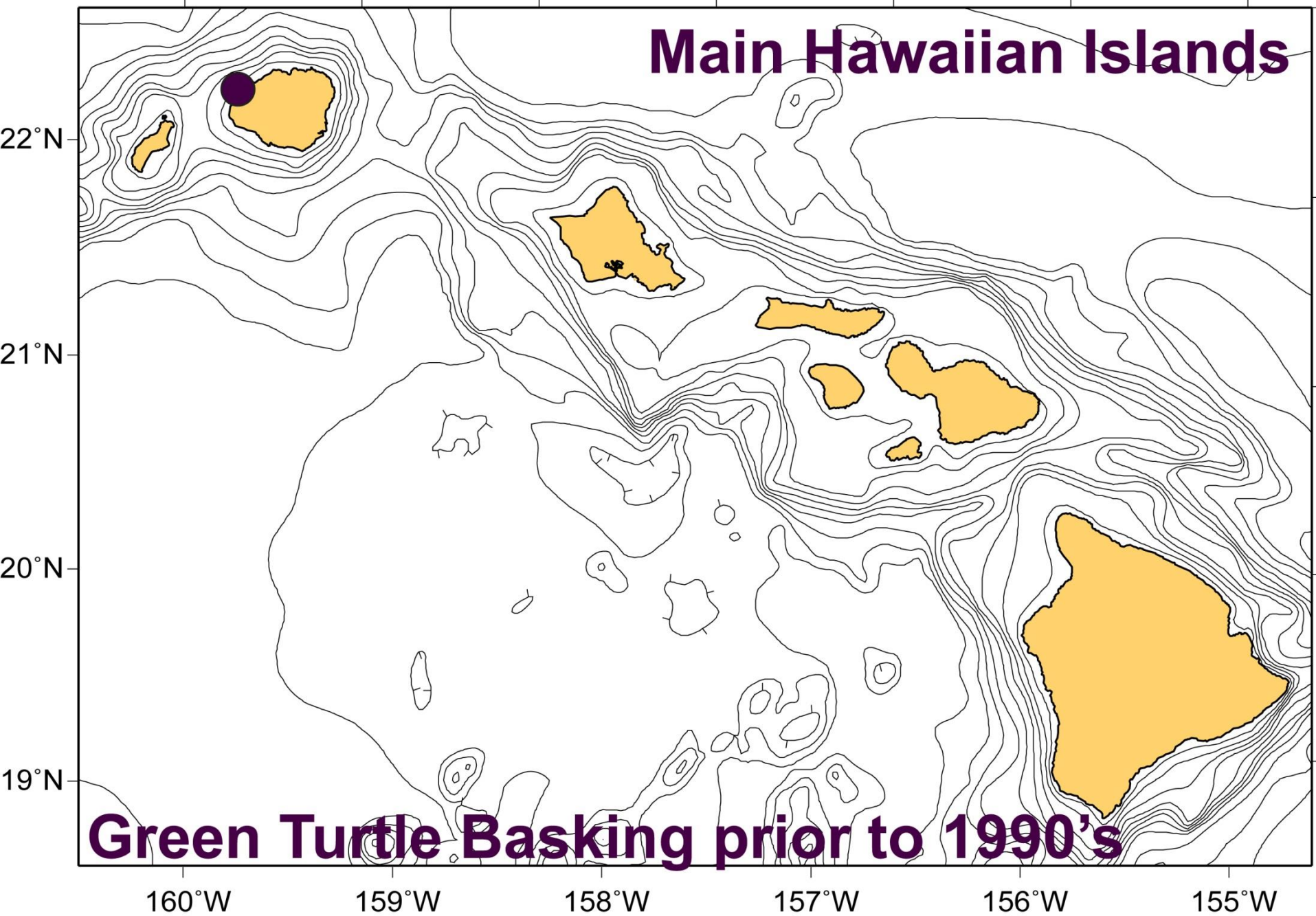
#### A GREEN TURTLE ASLEEP ON A SANDY BEACH: LISIANSKY ISLAND

These grotesque creatures browse in submarine fields of algae until hunger is satisfied, and then crawl heavily out to sprawl in the sand, safe from enemies in the sea. On one occasion, the author, while walking 300 yards along the beach on Lisiansky Island, counted 80 of these creatures from fifteen inches to four feet in length. Others, feeding a few yards offshore, were hidden by ripples on the water and so escaped this casual census. Their only enemies seem to be sharks.





# Main Hawaiian Islands



# Main Hawaiian Islands

22°N

21°N

20°N

19°N

160°W

159°W

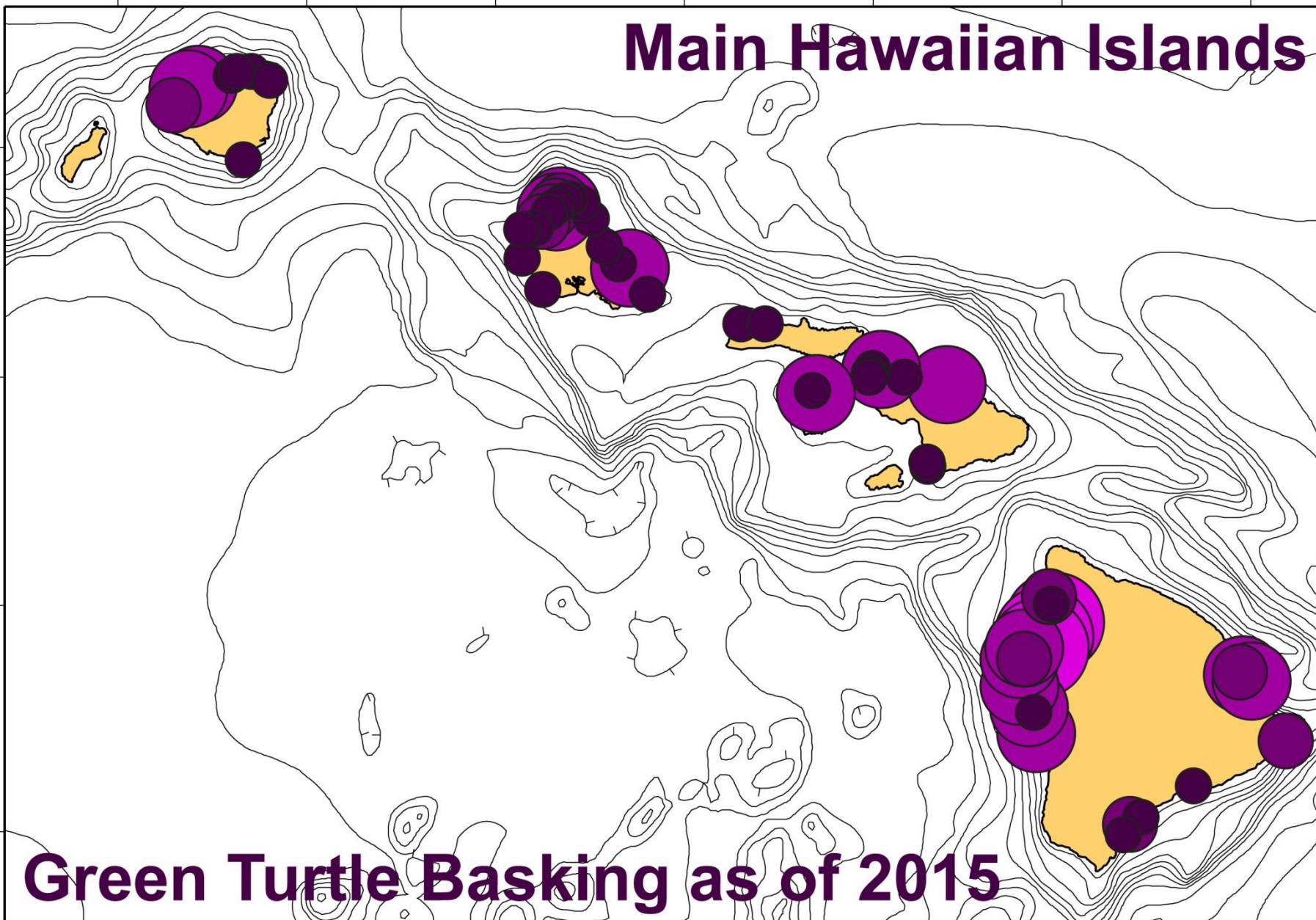
158°W

157°W

156°W

155°W

## Green Turtle Basking as of 2015





# Main Hawaiian Islands

22°N

21°N

20°N

19°N

# Green Turtle Nesting 1965-1980's

160°W

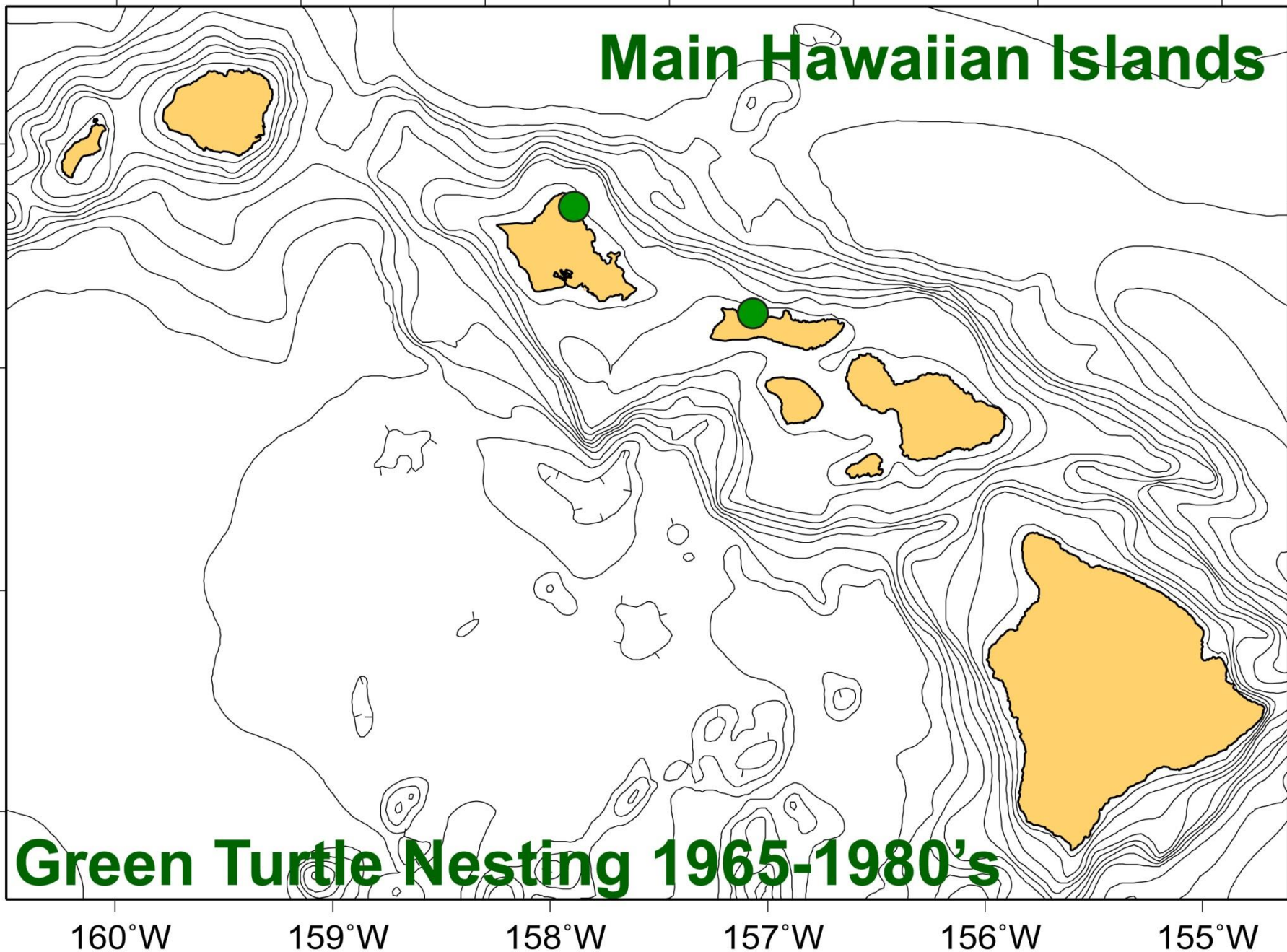
159°W

158°W

157°W

156°W

155°W



# Main Hawaiian Islands

22°N

21°N

20°N

19°N

# Green Turtle Nesting 1990-2015

160°W

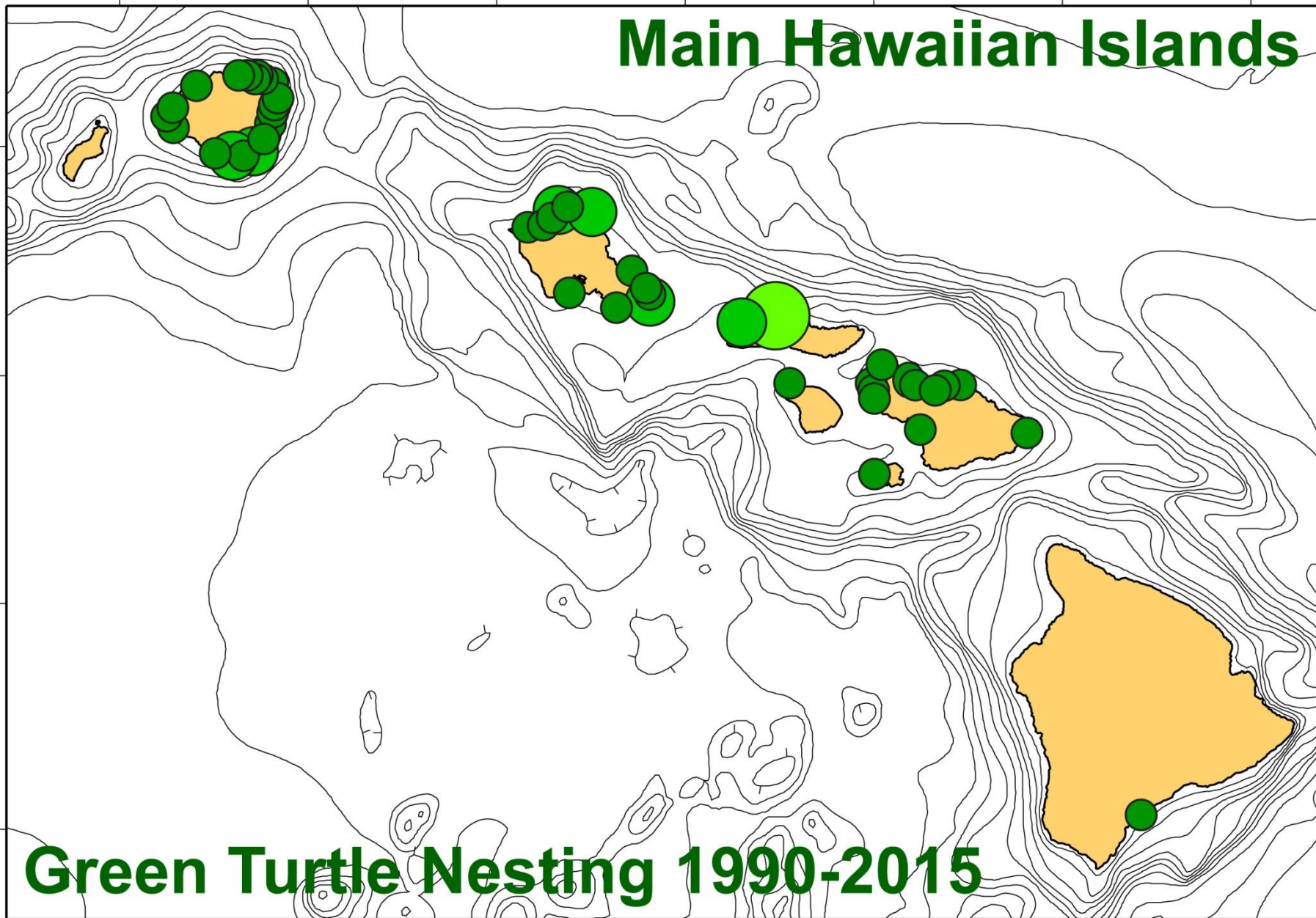
159°W

158°W

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156°W

155°W





POLYNESIAN CANOE TOURS

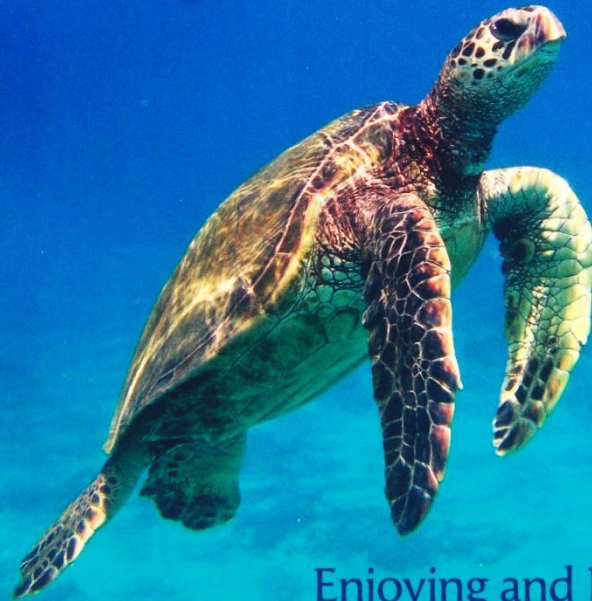




The background of the cover is an underwater photograph. At the top, a person is seen swimming near the surface, their head and arms visible. Below them, a large sea turtle swims towards the right. The water is clear and blue, with light filtering through from above. The overall composition is serene and focuses on marine life.

THE BOOK OF

# HONU



Enjoying and Learning  
about Hawai'i's Sea Turtles

PETER BENNETT AND URSULA KEUPER-BENNETT



# The Shifting Sands of Time

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