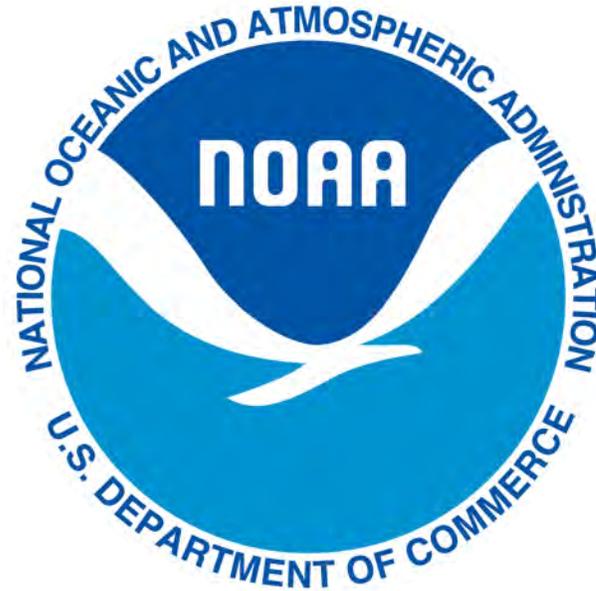




NATIONAL MARINE
SANCTUARIES

Our organization



Treasures of the Blue

- Olympic Coast
- Thunder Bay
- Wisconsin-Lake Michigan
- Lake Ontario
- Stellwagen Bank
- Mallows Bay-Potomac River
- Monitor
- Gray's Reef
- Flower Garden Banks
- Florida Keys
- Greater Farallones
- Cordell Bank
- Monterey Bay
- Channel Islands
- Papahānaumokuākea
- Hawaiian Islands Humpback Whale

- American Samoa (U.S.)
- Rose Atoll



- National Marine Sanctuary
- Marine National Monument
- Proposed National Marine Sanctuary



Bathymetric Tints (Depths are in corrected meters below mean sea level)
Image reproduced from the GEBCO world map, <http://www.gebco.net/>
Customized by NOAA's Office of National Marine Sanctuaries

Olympic Coast National Marine Sanctuary

Pacific Northwest





Olympic Coast National Marine Sanctuary

Greater Farallones National Marine Sanctuary

San Francisco Bay area





Greater Farallones National Marine Sanctuary

Cordell Bank National Marine Sanctuary

Point Reyes, California



Cordell Bank National Marine Sanctuary



Monterey Bay National Marine Sanctuary

Monterey, California





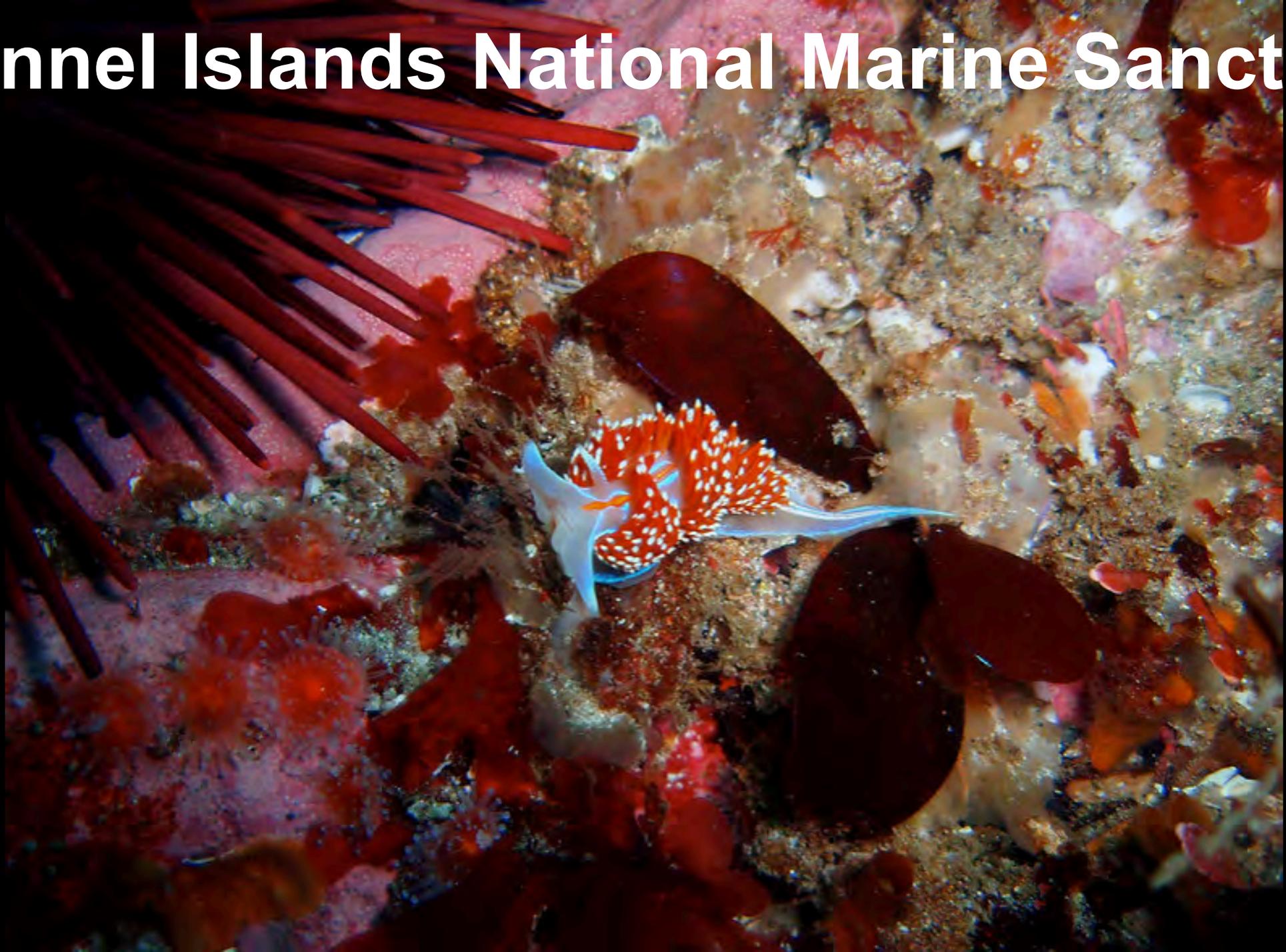
Monterey Bay National Marine Sanctuary

Channel Islands National Marine Sanctuary

Santa Barbara and Ventura, California



Channel Islands National Marine Sanctuary



Papahānaumokuākea Marine National Monument

Northwest Hawaiian Islands



Papahānaumokuākea Marine National Monument



Hawaiian Islands Humpback Whale National Marine Sanctuary

Hawaiian Islands



Hawaiian Islands Humpback Whale National Marine Sanctuary



National Marine Sanctuary of American Samoa

American Samoa

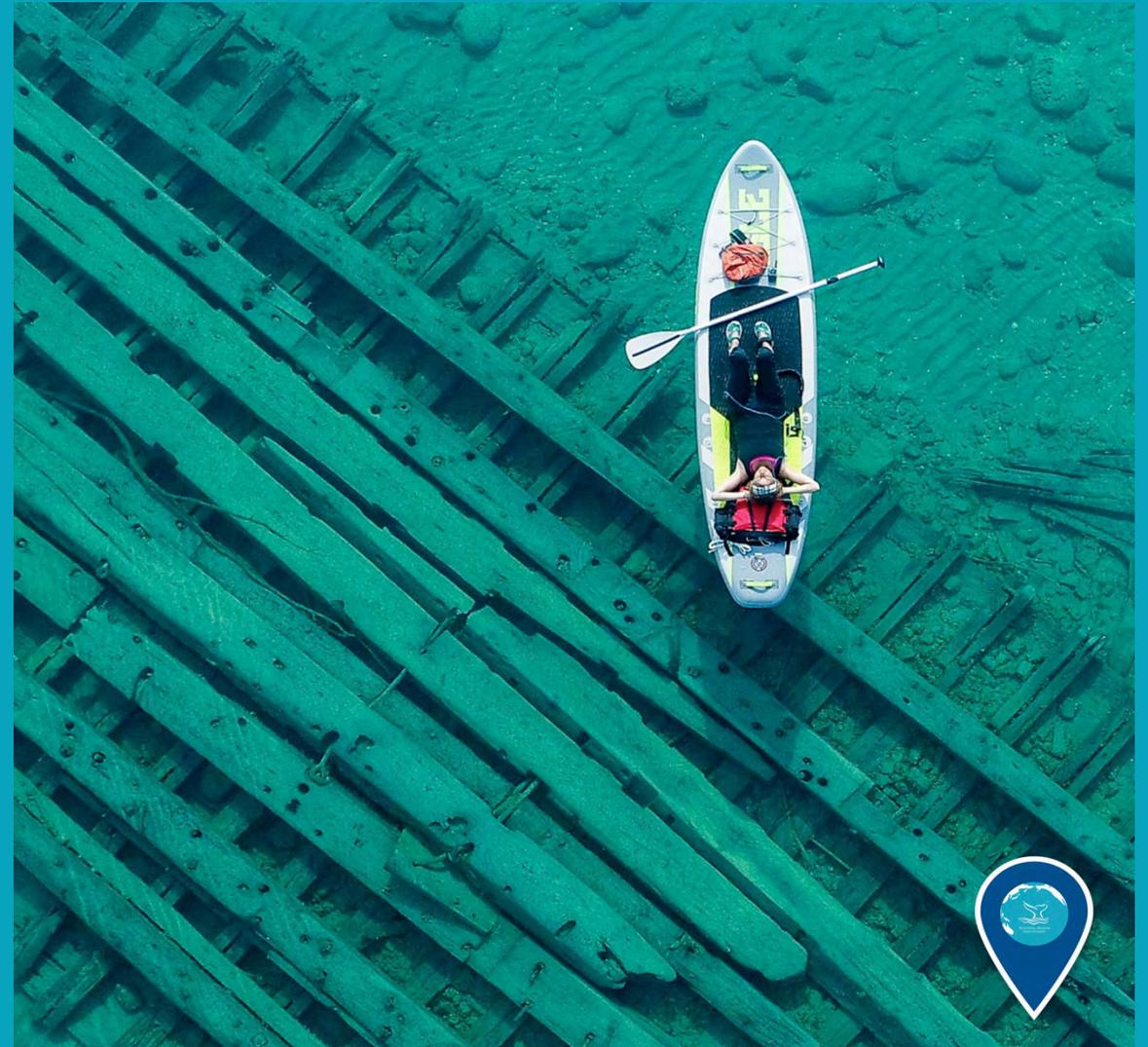


National Marine Sanctuary of American Samoa



Thunder Bay National Marine Sanctuary

Alpena, Michigan



Thunder Bay National Marine Sanctuary

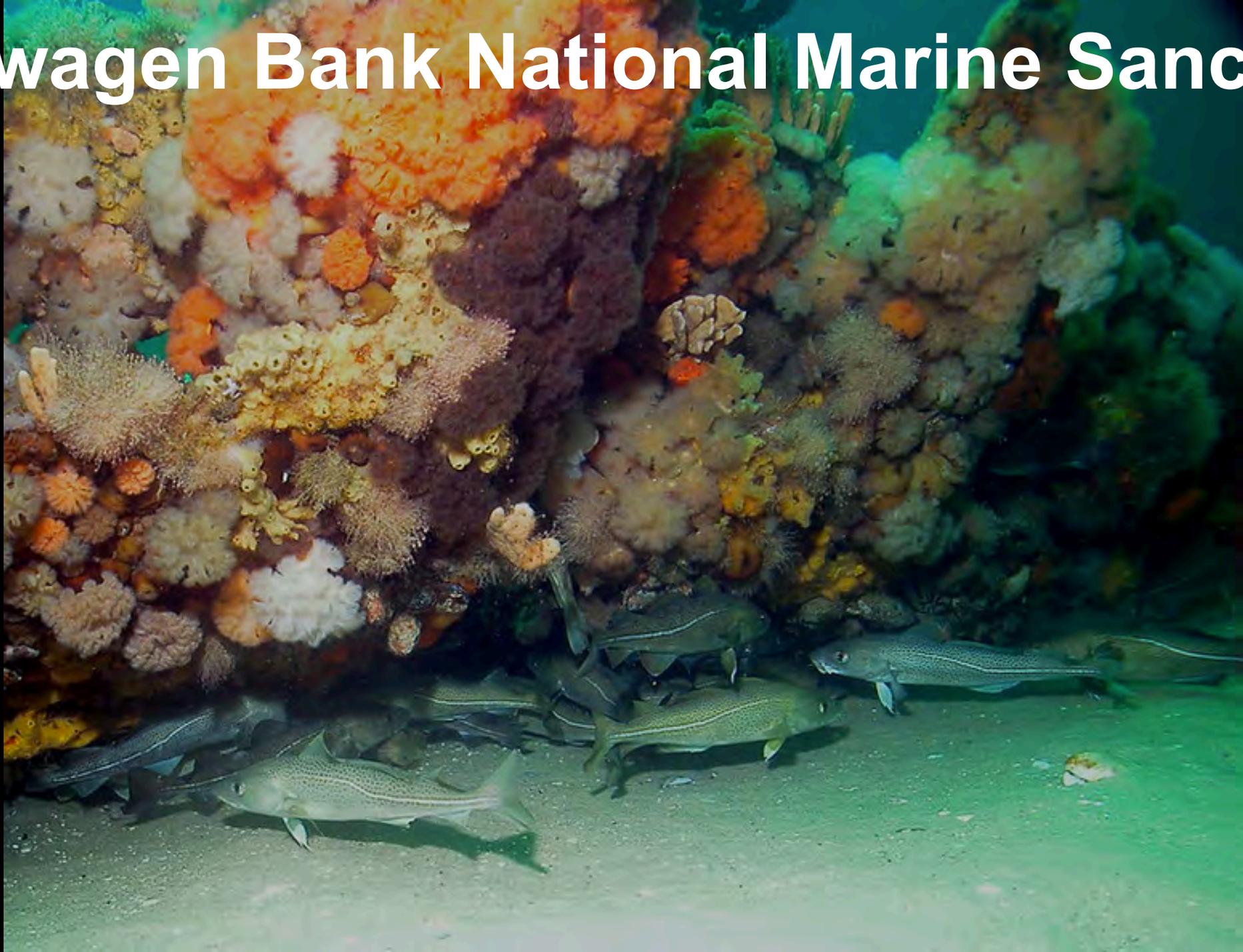


Stellwagen Bank National Marine Sanctuary

Massachusetts



Stellwagen Bank National Marine Sanctuary



Mallows Bay-Potomac River National Marine Sanctuary

Maryland





Mallows Bay-Potomac River National Marine Sanctuary

Monitor National Marine Sanctuary

North Carolina

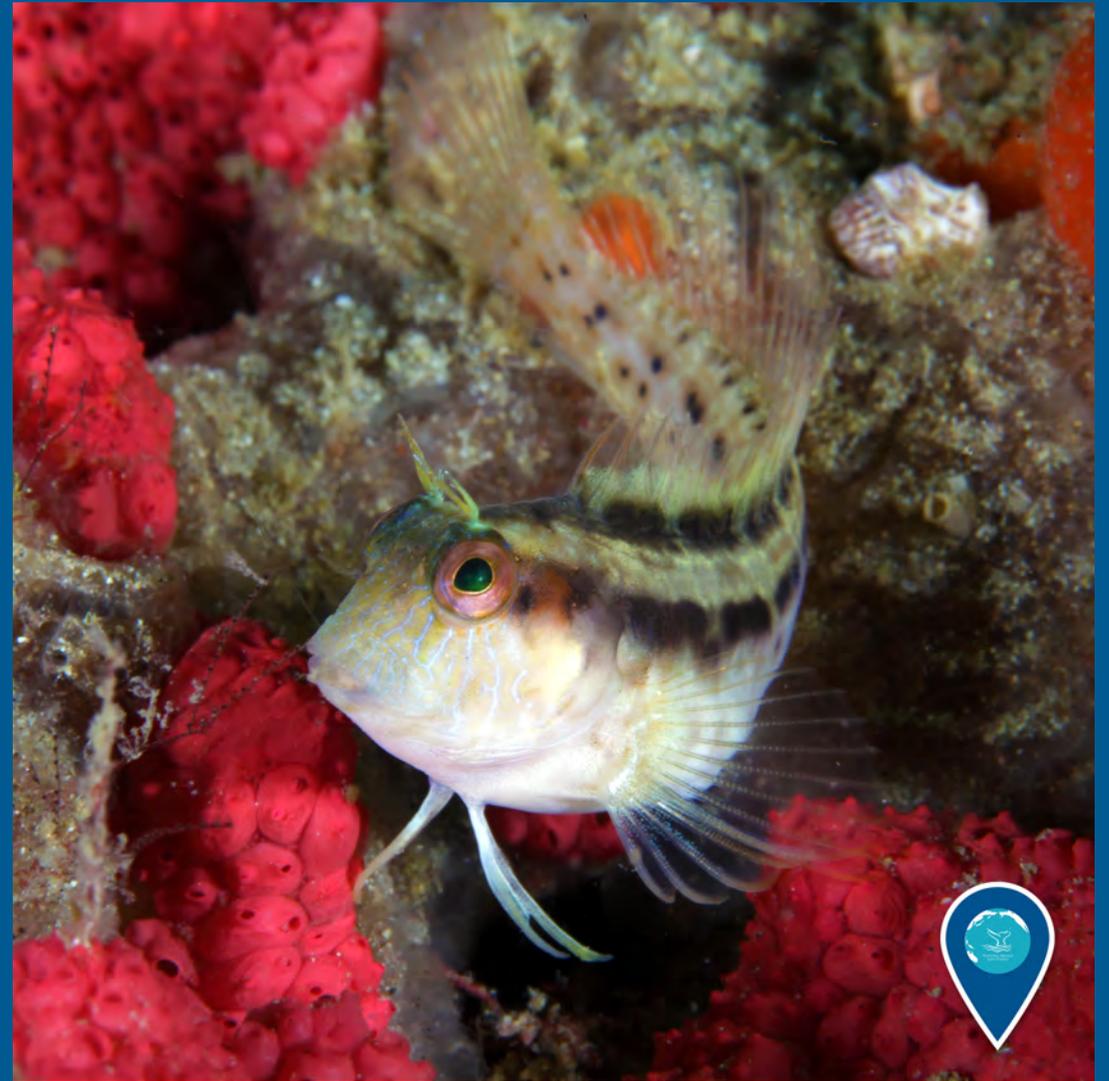


Monitor National Marine Sanctuary



Gray's Reef National Marine Sanctuary

Savannah, Georgia



Gray's Reef National Marine Sanctuary



Florida Keys National Marine Sanctuary

Florida Keys



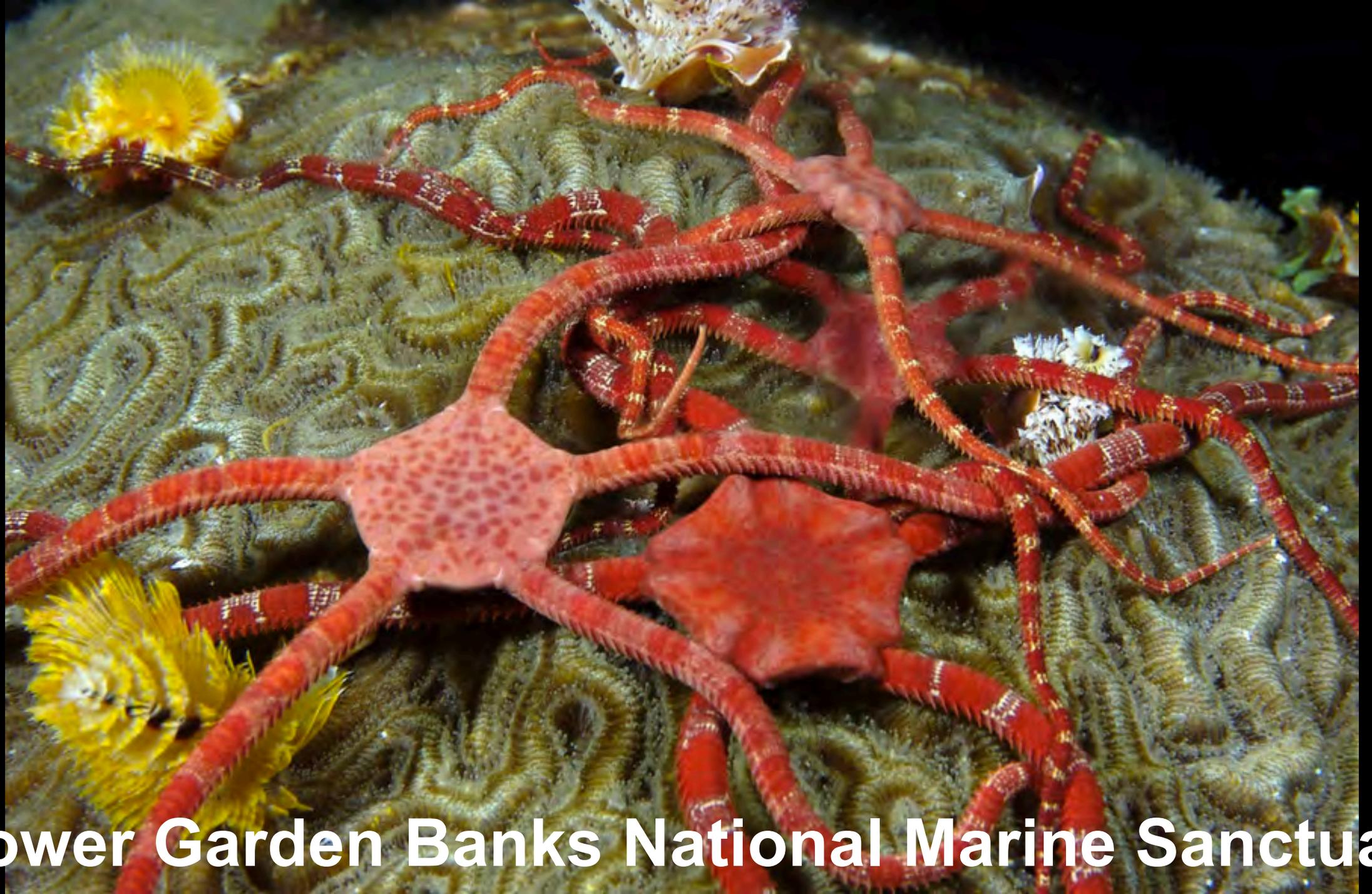
Florida Keys National Marine Sanctuary



Flower Garden Banks National Marine Sanctuary

Texas





Flower Garden Banks National Marine Sanctuary

Treasures of the Blue

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Bathymetric Tints (Depths are in corrected meters below mean sea level)

Image reproduced from the GEBCO world map, <http://www.gebco.net/>
Customized by NOAA's Office of National Marine Sanctuaries





Photo: NOAA under NMFS permit #14245

Heads up! The whale tagging boat in Stellwagen Bank National Marine Sanctuary got a treat when this humpback whale breached right by them. Want to see whale tagging in action? Check out our video.



Photo: David McGuire/Sanktowards.org

Happy #Sharktober! Large numbers of seals and sea lions bring white sharks to Greater Farallones National Marine Sanctuary each year. Highly effective predators, these sharks play a key role in keeping the ecosystem in balance! In the Bay Area and want to learn more about these awesome creatures? Check out Sharktoberfest.



Photo: Claire Fackler/NOAA

What's a nudibranch, anyway? These soft-bodied mollusks are sometimes known as sea slugs. "Nudibranch" means "naked gills" -- those colorful "feathers" on the back of this hermissenda nudibranch actually help it breathe as it explores the rocky reef of Channel Islands National Marine Sanctuary.



Photo: NWFSC

Look out below! Orcas are frequent visitors to Olympic Coast National Marine Sanctuary, where they are known to breach acrobatically like this one. Did you know that a male orca's dorsal fin can reach up to 6 feet in length, making it the longest dorsal fin of any whale? You can learn more about these amazing creatures here.



Photo: James Watt/NOAA

Say hello to the Hawaiian squirrelfish! Known as 'ala'ihī in Hawaiian, these bright fish are endemic to the Hawaiian Islands, meaning they're found nowhere else in the world. The Northwestern Hawaiian Islands of Papahānaumokuākea Marine National Monument have an exceptionally high rate of endemism. In some parts of the monument, over 50% of the population might only be found in this region.

Virtual Diving in National Marine Sanctuaries



sanctuaries.noaa.gov/vr

VIRTUAL DIVE GALLERIES



AMERICAN SAMOA



FLORIDA KEYS



FLOWER GARDEN BANKS





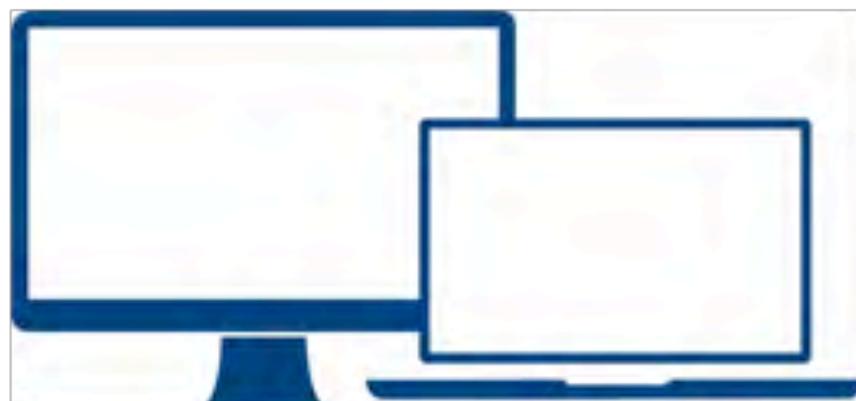
Virtual dive with sea lions in Channel Islands National Marine Sanctuary



NATIONAL MARINE SANCTUARIES

—EXPLORE THE BLUE—

Access this media from anywhere.
All you need is an internet connection!

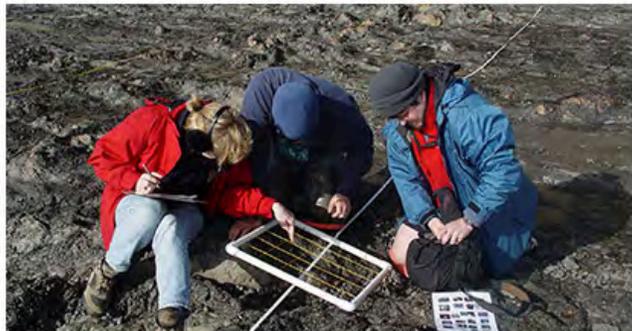


Our virtual media can be viewed on a smartphone, personal computer and virtual reality headset. For an extra- immersive experience, you can pair your phone with any virtual reality goggle of your choice and click the  icon.



[HOME](#) / [EDUCATION](#)

Enhancing public awareness, understanding, and appreciation of the marine environment



FOR TEACHERS

The NOAA Office of National Marine Sanctuaries aims to provide teachers with resources and training to support ocean literacy in America's classrooms.

[Teacher Resources & Opportunities](#)



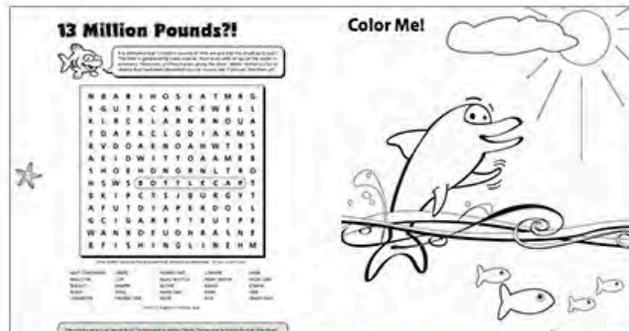
FOR STUDENTS

National marine sanctuaries are living classrooms that can be explored in person or through interactive digital labs and activities.

[Marine Careers & Opportunities](#)



Ocean Guardian programs encourage children to explore their natural surroundings to form a sense of personal connection to the ocean and/or watersheds in which they live.



Ocean Guardian Activity Book

Learn about the ocean and why its important through word searches, games and coloring pages. You can also sign the Ocean Guardian Pledge to protect the ocean and all the creatures that live in it. The activity book is appropriate for children in Grades K-3.



Ocean Guardian Kids Club

The Kids Club offers children a stimulating opportunity to express their insights, observations and understanding of their natural environment through the creation of original stories, poetry and visual art. All K-8 students are eligible and encouraged to join!

Games and Activities



Games, coloring pages, and fun activities to help you learn about the national marine sanctuaries.

Sanctuary Sam & Games



Meet Sanctuary Sam

Sanctuary Sam is a California sea lion. He is four feet seven inches tall and more than seven feet long! Sanctuary Sam weighs 550 pounds. He does a lot of swimming and he eats herring,



Games @ NOAA

This arcade is a portal to games and interactive activities focused on ocean and air themes. It highlights the science and the activities of the National Ocean



Stellwagen Bank Quiz

Learn about the deep boulder reefs and whale populations off the coast of Boston in Stellwagen Bank National Marine Sanctuary.

NOS Education

Building **ocean, coastal, and climate** literacy for students and educators.



NOS Education: Planet Stewards



HOME / MARINE LIFE

Marine Life

Life in the ocean is amazing! Cute and cuddly, creepy crawly, gigantic and microscopic - marine life comes in millions of shapes and size.



[Danger Zone](#)

[Exploration](#)

[Fix the Ocean](#)

[Go Fish](#)

[Marine Life](#)

[Research](#)

[Collections](#)



[Coral Spawning](#)



[Horseshoe Crab Spawning - A Field Report](#)



[Bioluminescent Ocean](#)

The Ocean We Love



Featured Collection - The Ocean We Love



LET'S GET STARTED
WITH SYMONE



CELEBRATE THE OCEAN



KNOW YOUR OCEAN



2019 Deep Dive
Greatest Hits

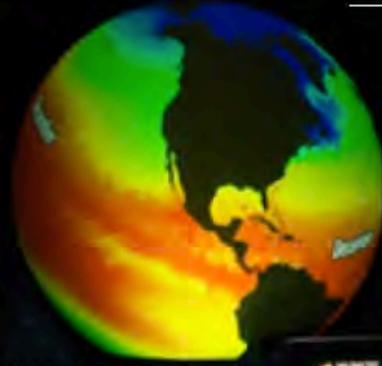
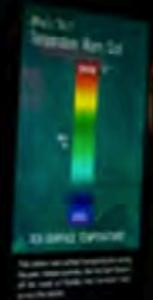


National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

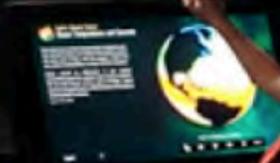
Our Work

Education

Educators, students, and curious people everywhere
— come explore the ocean and atmosphere.



Search NOAA sites



Courtesy of Juan Manuel Garcia Studio/Miami Museum of Science

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APP

Channel Islands Kelp Forest

Anacapa Island - Channel Islands, California, USA



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MY FAV

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FACTS

HIDE OTHER CAMS

POP LIVECAM

POP COMMENTS



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