



EMERALD KEEPERS

Make Coronado Emerald Green, Ocean Blue

A MESSAGE FROM EMERALD KEEPERS

Emerald Keepers is pleased to partner with the Eagle Journal to share this educational page with you. Last week we introduced a few marine animals. We are excited to receive photographs of your marine animal creations made from recycled and repurposed items.

This week we are focusing on some marine animals off our coast on the Endangered and Threatened List. The International Union for Conservation of Nature’s Red List (IUCN) is the most widely respected list when comes to endangered and threatened species as it is used to inform conservation decisions. There are currently 116,000 species on the IUNC Red List with 31,000 threatened with extinction. Human impact is at the root of declining biodiversity. This is why is it so important for each of us to be Emerald Keepers.

FAMILY PROJECT: Become an Expert on your Favorite Sea Creature

Ever wonder how the green sea turtle got its name or why hammerhead sharks have a unique shaped head? From sea turtles and sharks to octopus and corals, you can dive deep in to life under our oceans with Oceana’s Marine Life Encyclopedia (<https://oceana.org/marine-life>) and learn fun facts about hundreds of marine animals and ecosystems. Create a flip book of your favorites. Fun for the whole family. Don’t forget to include a picture.



EMERALD KEEPERS 50TH ANNIVERSARY EARTH DAY CORONADO CHALLENGE



Earn a hand-crafted repurposed Emerald Keepers sign by: 1) signing the Emerald Keepers pledge, and 2) committing

to 30 of the 50 best practices to be more sustainable, both found on our website EmeraldKeepers.org. To receive your yard sign or door/window hanging, email EmeraldKeepers@gmail.com with your name, phone number, and street address.

ENDANGERED SPECIES WHO AM I?



Blue Whale



California Least Tern



Green Sea Turtle



Western Snowy Plover



Loggerhead Sea Turtle



Fin Whale

- 1 My classification is Reptile.
- I have a large head, and a powerful jaw.
 - I need to breath air, and can hold my breath underwater for several hours.
 - I live between 30 to 50 years and can weigh up to 250 pounds.
 - When my eggs hatch, the babies are called hatchlings.
 - My biggest threats are getting entangled in fishing nets and lines, marine debris, and boat strikes.

- 2 I live along the coast and nest on open beaches by the water.
- I’m small and I have a distinctive black head.
 - My nest has 1 to 4 eggs and hatch after 3 weeks.
 - To feed, I fly over the water, hover, and plunge to get my meal of small fish and shrimp.
 - In the 19th and early 20th century, my feathers were used for women’s hats.
 - In 1970, I was placed on the endangered species list because my habitat was destroyed by beach and recreational development.
 - I am the largest animal known to have ever existed.
 - I can be up to 98 feet long and weigh up to 190 tons.

- 3 My tongue can weigh as much as an elephant, and my heart can weigh as much as a car.
- I can live up to 80 to 90 years old in the wild.
 - Each day I like to mainly eat up to 4 tons of krill, which are tiny shrimp-like animals.
 - San Diego is one of the best places in the world to watch me in my natural habitat.

- 4 I raise my young on unraked beaches in Coronado, Silver Strand and Imperial Beach.
- Open, bare ground is where I make my nest.
 - I use almost anything I find on the beach to make my nest, such as kelp, shells, rocks, and even human footprints.
 - The size of a sparrow, I am pale in color.
 - My natural predators are falcons, coyotes, raccoons, and owls.
 - Crustaceans, mollusks and marine worms are what I love to eat. Yum!

- 5 My name is not for the color of my shell, but for the greenish color of my skin.
- I am a large, weighty animal (up to 700 pounds) and am one of the largest of my species in the world.
 - San Diego is one of my favorite places, and I can sometimes be found in the Bay near the Coronado Cays.
 - My diet as an adult is “herbivorous,” meaning I like to eat grasses and algae.
 - I can live up to 80 years in the wild.
 - I am endangered because of human activity such as being hunted for food and losing my natural habitat to development.

- 5 I am the world’ssecond largest animal, growing in length from 70 to 90 feet.
- My body is long and slender and brownish-gray in color.
 - My flippers are smaller in size than others of my species.
 - I am a fast mover and can swim up to 25 mph.
 - I am a solitary mammal that usually prefers to travel alone or in small pods.
 - “Filter feeding” is how I eat my diet of krill, crustaceans, squid and fish.

ENDANGERED & THREATENED SPECIES WORD SCRAMBLE

Study the cartoon. Unscramble each set of blocks to discover the name of seven endangered marine animals. For CIRCLED letters only: on a separate piece of paper group the letters by the number that appears below each letter [all 1’s together, all 2’s together, etc]. Unscramble each group of letters. Enter the unscrambled words from Step 4 into the appropriate circles at the bottom and read your special message!

HTIRG WHALE
2 1

IYARF PRMISH
3 1

UPHM CKAB
2 3

COAR
3 1

NTER
1 3

SURPRISE ANSWER
1 1 1 1 1 1 1

RSMEP LHWEA
3 1

WYNOS EVOLRP
3 1 2

2 2 2 3 3 3 3 3 3



WHO AM I ANSWERS: 1. Blue Whale, 2. California Least Tern, 3. Green Sea Turtle, 4. Western Snowy Plover, 5. Loggerhead Sea Turtle, 6. Fin Whale
WORD SCRAMBLE ANSWERS: Right Whale, Orca, Sperm Whale, Fairy Shrimp, Tern, Snowy Plover, Hump-Back Whale
SURPRISE ANSWER: Protect Our Oceans!

For more information visit EMERALDKEEPERS.ORG