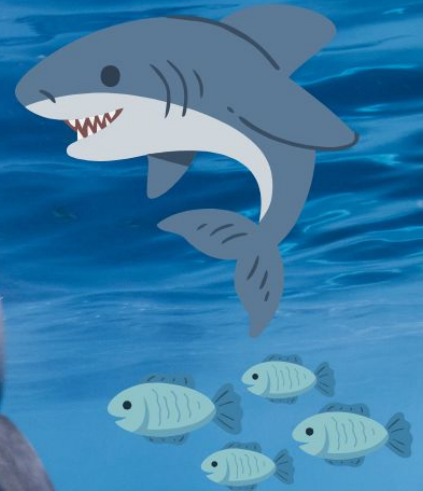


Why Sharks Matter



Learn, Respect, Conserve

with One Ocean Diving



**Sharks help keep the ocean in
balance by controlling populations,
acting like nature's own
superheroes.**



Lets Dive In

- Biology of Sharks
- Shark Behaviors
- The importance of Sharks
- Shark Conservation

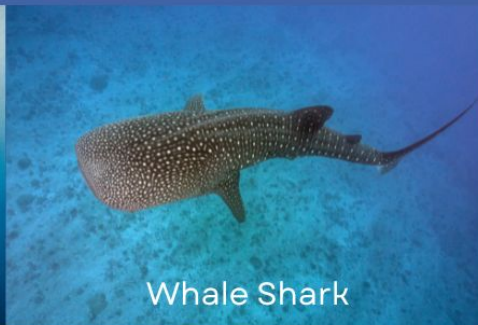


Different Types of Sharks

Just a few of MANY...



Great White Shark



Whale Shark



Hammerhead Shark



Tiger Shark



Oceanic Whitetip Shark



Galapagos Shark



Sandbar Shark



Leopard Shark



Blacktip Shark

A large, grey shark is swimming towards the viewer in a deep blue ocean. Several smaller, similar sharks are following it from behind. The scene is dimly lit, with some seaweed visible at the bottom.

Biology Time!

How Do Sharks See?

- Sharks see in **Monochromatic Vision**, they are only able to see a little color.
- Some “colors” are attractive to them like **Yellow** and White.
- Sharks have a **Nictitating Membrane** that helps protect their eyes when they eat.
- Their **Tapetum Lucidum** helps them see in low light conditions.



How Do Sharks Smell?

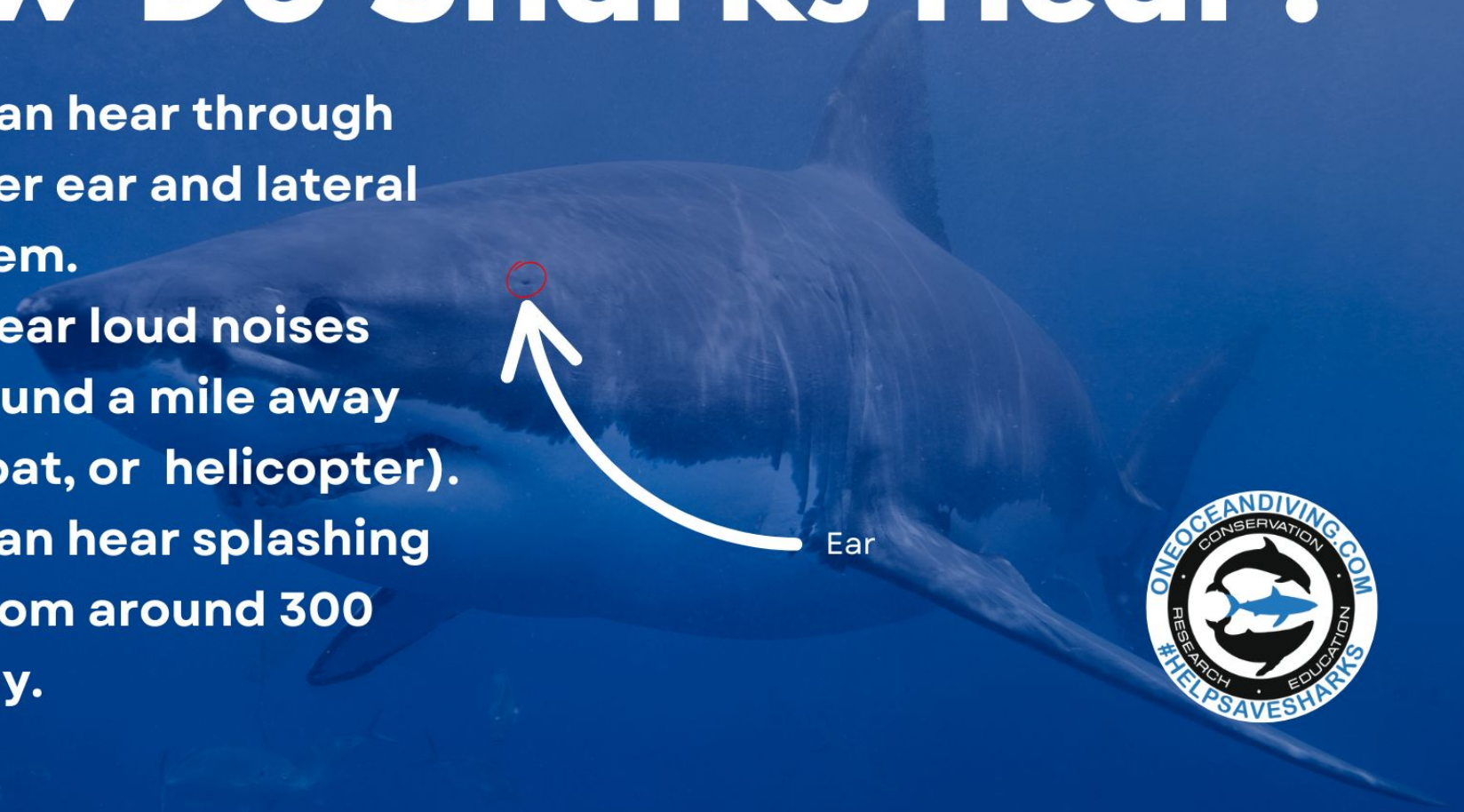
- Sharks have “swimming noses.”
- Their nostrils, called **nares**, aren’t connected to their mouths or throats and can detect tiny traces of substances like blood.
- Sharks can smell us... but don’t worry they’re not interested in us.

Nose or
“Nares”



How Do Sharks Hear?

- Sharks can hear through their inner ear and lateral line system.
- Sharks hear loud noises from around a mile away (like a boat, or helicopter).
- Sharks can hear splashing noises from around 300 feet away.



Sharks Have a WHAT?



“Ampullae of Lorenzini”

- Sharks have special sensors called ampullae of Lorenzini.
- They're on their head and snout and help sharks feel tiny electrical signals.
- They can sense stuff like: cameras, boat motors, heartbeats, and even movement in the water.



Shark Teeth!

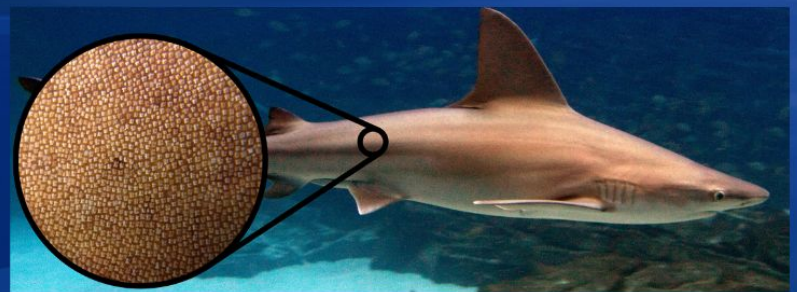
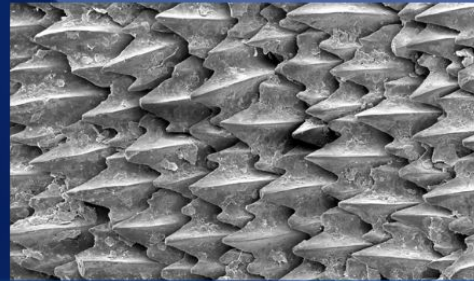
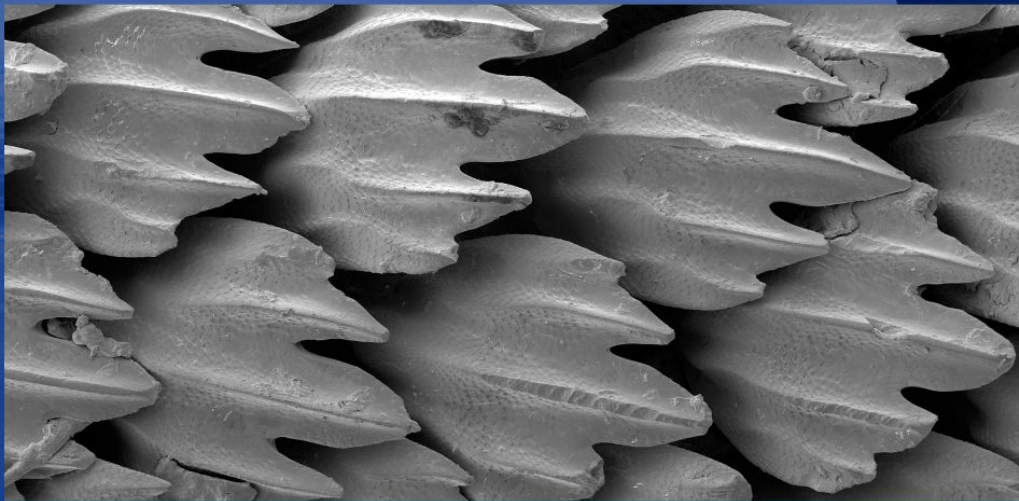


- Sharks have rows of teeth that are constantly being replaced.
- How many teeth do you think a shark can lose in his lifetime?
- Many different types of teeth for different types of prey.



Shark Skin

- Shark skin is called “dermal denticles”
- Dermal - skin, denticle - teeth, “Skin teeth”
- Instead of scales like fish, sharks have dermal denticles to help them swim really fast



An underwater photograph of three sharks swimming in clear blue water. The sharks are seen from below, with their dorsal fins and tails visible. The water is bright blue with some ripples on the surface. The title 'Shark Behaviors' is overlaid in white text in the center of the image.

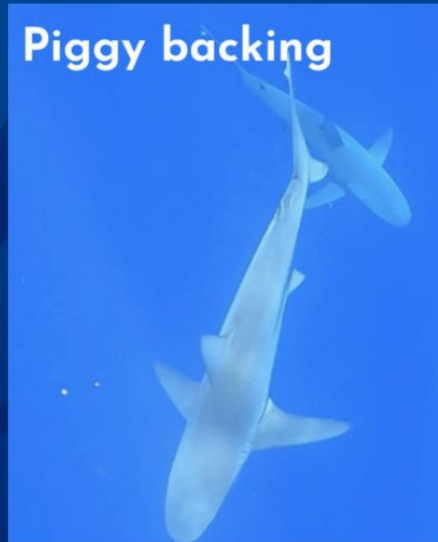
Shark Behaviors

Noticeable Behaviors

Body Language



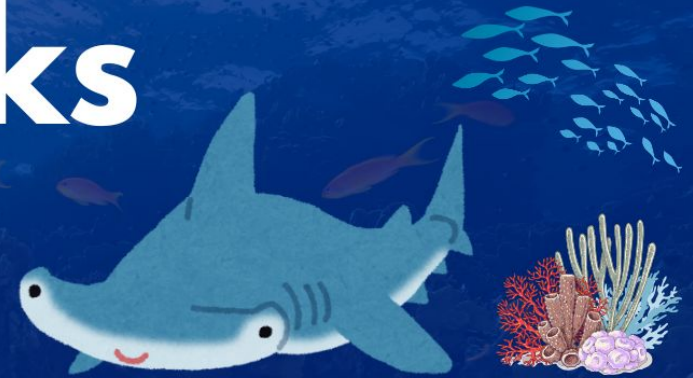
Piggy backing



Parallel swimming



Why Are Sharks Important?



- Across the world's oceans, there are over **500 species** of shark!
- Sharks have inhabited our oceans for over **400 million years**.
- Some are **top predators**, others are the **clean-up crew** of the ocean.
- Their diverse roles are part of a balance needed for **healthy oceans**.

More Reasons Why Sharks Are Important



'Aumākua

- Sharks - Manō
- 'Aumākua-a dead ancestors spirit reincarnated into a living entity.
- An 'Aumākua could be a shark, dolphin, whale, turtle, owl, the list goes on.
- Sharks that are 'Aumākua will protect and give wisdom as long as they are respected.



A vibrant underwater scene featuring a variety of marine life. In the upper left, a large shark swims towards the right. Below it, a sea turtle is seen swimming. The bottom of the frame is filled with a diverse coral reef, including various types of coral and numerous small, colorful fish. A stingray is visible in the middle right area. The overall lighting is bright, suggesting a sunny day at the surface.

Conservation Time!

About One Ocean

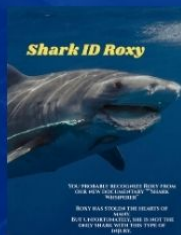
One Ocean Diving educates people about shark biology, behavior and conservation efforts, while showing them how beautiful these misunderstood apex predators really are.



More Divisions of One Ocean

@ONEOCEANSHARKS

Marine conservation and education organization rooted in shark research, respectful shark encounters, and community engagement.



@ONEOCEANRESEARCH

Highlights marine research around the globe, sharing fascinating science & facts that support conservation & community.



@ONEOCEANDIVING

Shark tours guided by shark safety specialists & biologists.



@ONEOCEANCONSERVATION

A group focused on protecting sharks and the ocean. They educate the public, run campaigns, and work to create rules that keep oceans safe.



@SAVETHESEATURTLESINTERNATIONAL

A group that protects sea turtles and other ocean animals. They remove trash and fishing gear from beaches, host monthly beach cleanups, care for turtle habitats, and teach people how to help keep the ocean safe.

@ONEOCEANGLOBAL

A marine conservation network that connects global communities to protect ocean health. Through the Global Ambassador Program, it supports local conservation efforts, educational outreach, and policy advocacy worldwide.



Founders of One Ocean

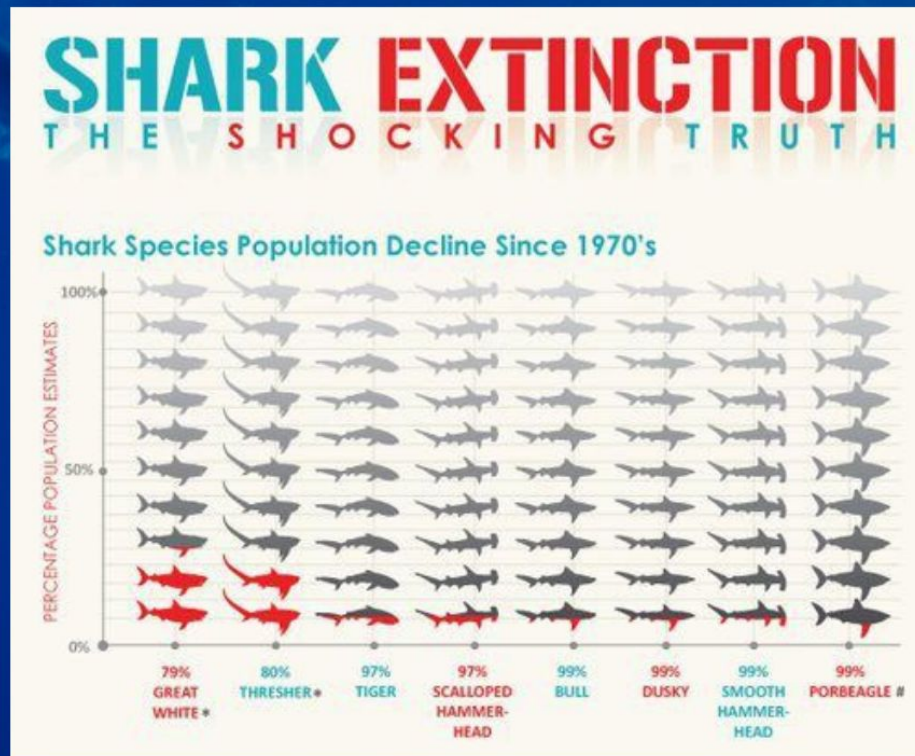
Ocean & Juan created One Ocean to:

- Help teach the world about sharks
- Reverse the stigma around them
- Promote ocean conservation
- Collect data about shark abundance and behavior
- Support the field of shark science
- Offer safe interactions with sharks
- Monitor local populations-saving them from entanglement and fishing line!

Learn more at <https://oceanramsey.org> & <https://juansharks.com>



The Sad Truth...



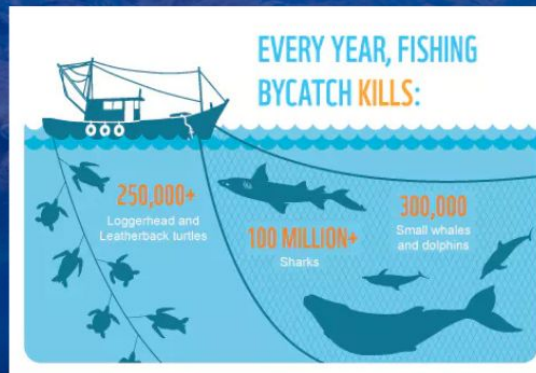
In recent years over **90%** of Shark species populations have declined.

How many sharks are killed each year?



What Kills Sharks?

- Shark Finning
- Bycatch
- Marine Debris
- Shark Culling
- Shark Fishing
- Pharmaceutical
- Souvenir Trade
- Pet Food



How Can We HELP

- Don't eat shark fin soup.
- Don't feed your pets shark meat.
- If you are eating fish, eat locally spearfished fish.
- Reduce your plastic intake.
- Support sustainable tourism
- Support marine protected areas
- Donate or volunteer
- Avoid cosmetics or supplements containing shark-derived ingredients
- Report illegal shark trade
- Sign and share petitions



Get Involved!

- Join One Ocean Conservation and Save the Sea Turtles International every month for a Reef & Beach Cleanup.
- Can't make it? Do your part by picking up trash next time you're at the beach
- Spread the word!



Want to Learn More?



- Visit OneOceanDiving.com and OceanRamsey.org to learn more.
- Take Oceans' Course online or read her books!
- Watch "Shark Whisperer" and "Saving Jaws".

A large, dark blue shark is swimming in the center of the frame, surrounded by a school of smaller fish. The background is a deep blue gradient. The word "Questions?" is written in a large, white, serif font, centered horizontally and slightly below the shark.

Questions?