

# The Important Book of the Ocean

By Linda Palomino

Oceans cover about 70% of the Earth's surface.

The Earth's oceans are all connected to one another.

Until the year 2000 there were four recognized oceans: the Pacific, Atlantic, Indian, and Arctic.

In the spring of 2000, scientists named a new ocean, the Southern Ocean.

Great white sharks live in the ocean.

They live under the water and use their gills to breathe.

Young great white sharks eat fish, rays and other sharks.

Adult great white sharks eat sea lions, seals, otters, sea turtles, and small whales.

Great white sharks swim by moving their tail left and right.

Orcas, or killer whales, live in the ocean.

Orcas are mammals. They breathe through the blowhole on the top of their head.

They eat fish, squid, sharks, birds, seals, sea turtles, octopi, and even other whales.

Orcas live in small groups called pods.

They swim by moving their fluke up and down.

Puffins live near the ocean.

Puffins are sea birds that can fly, swim, and dig burrows.

They have a colorful yellow, orange, and black-blue striped beak.

Puffins are carnivores that dive in the sea for food. They eat mostly small fish.

Puffins dig a burrow and the female lays one egg inside.

Crabs live in the ocean.

Crabs are 10-legged animals that walk sideways.

Crabs are invertebrates; they have no backbone.

They have an exoskeleton called a carapace to protect them from their enemies and to provide support.

Marine crabs breathe underwater using gills.

Sea turtles live in the ocean.

Sea turtles are reptiles. They are cold-blooded and lay eggs.

Sea turtles have four flipper-like legs and a shell that is attached to their backbone.

They are carnivores. They eat crustaceans like crabs, lobster, and shrimp. They also eat jellyfish and other small fish.

Octopi live in the ocean.

An octopus has a soft body and eight arms. Each arm has two rows of suction cups.

Octopi have an eye on each side of their head and have very good eyesight.

Octopi can't hear.

They eat small crabs, scallops, snails, fish, turtles, shrimp, and other octopi.

Sea horses live in the ocean.

Sea horses are small fish that have armored plates all over their body.

There are about 50 different species of sea horses around the world.

They live in seaweed beds in warm water.

The female sea horse produces eggs, but they are held inside the male's pouch until they hatch.

Sea otters live in the ocean.

Sea otters are marine mammals.

They have webbed hind feet, which they use to swim.

Sea otters are kept warm in their ocean by the thick fur.

Sea otters are carnivores. They eat crustaceans, bivalves (clams mussels, and abalone), octopi, squid, and fish.

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