



Dr. John Nosalot

A marine biologist who lives in Florida and researches the ocean wildlife. He studies why animals have certain traits that help them survive.

All animals have characteristics they depend on to survive. These traits can be adapted by the environment so animals can survive as best as they can.



Some Animals Live in Groups

Whales are social, air breathing mammals, they feed their babies with their own milk, and they take extraordinarily good care of their young and teach them life skills. Whales are broadly divided into two groups, depending on whether they have teeth (odontocetes) or baleen (mysticetes). Some whales have teeth while others have baleen plates. Toothed whales help them eat larger fish, squid, and other marine mammals. Baleen plated whales help them eat krill, shrimp, and small fish.



Some Animals Live Alone

Octopi are sea animals famous for their rounded bodies, bulging eyes, and eight long arms. Octopi stay along the ocean's floor, live near the water's surface, or live in deep, dark waters. Octopi typically drop down on their prey from above and, using powerful suction cups that line their arms, pull the animal into their mouth. If threatened, octopi shoot an inky fluid that darkens the water, confusing the aggressor. The Octopus can also change to gray, brown, pink, blue, or green to blend in with its surroundings. Octopi may also change color as a way to communicate with other octopi.



Some Animals Fly

Marine birds are birds that spend most of their lives at sea. For this reason they have developed a range of characteristics adapted to the marine environment. Seabirds are able to swim, dive, fish, and fly in and over the ocean. These species are top-level consumers of marine invertebrates such as mussels, clams, snails, limpets, and forage fish. Because of these characteristics, marine birds are good indicators of change in the marine ecosystem.



Dr. Lyes Allott

An avid National Geographic watcher who believes he is too smart and educated to share his knowledge with others.



All Animals Live Alone

Animals don't like each other and don't want to share their prized possessions, like food, water, and clothing. As soon as baby is born in the wild, it is on its own. Mothers often even kill their babies because they wish they were young once again. Animals must all find their own watering holes so there are lots of fights to the death when one hippo barges in on a crocodile's home. It can be vicious living in the wild, especially when Black Friday rolls around and the penguins have to battle both each other and the elephant seals for the polar bear coats. After all, it is a chicken eat dog world out there.



All Animals Swim

Animals are constantly swimming, even when they are not in the water. Obviously fish, swim in the H₂O that we drink every day. On the other hand, land animals are swimming through the air, YES YOU HEARD THAT RIGHT! Just like dolphins that get lost in the water, bump into things, and keep on swimming forever; camels also get lost in air, bump into things, and keep on walking forever. There are times you can see air and water, and other times you cannot see air and water. I am telling you, these are the same thing with animals swimming through both. We humans are also swimming through air. It has become so instinctive that we do not have to stop and think about it, just like breathing.