



DIVE!

Explore Coral Reefs Around the World

Sue Battel and Kelley Williams

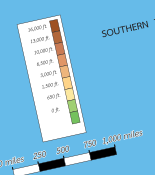


THE GOOD AND THE BEAUTIFUL LIBRARY

PHILIPPINES



SOUTH SEA



2

SOUTHERN TAGALOG

SULU SEA



Hi! Welcome to the Reef Explorers Club!

My name is Pacifico, and I'm from the Philippines. I am thrilled that you have joined the group. Every time I explore a new coral reef, you will receive a letter and animal identification cards from me. I will be traveling to different coral reefs around the world to discover new animals and scenery and share what I learn with you!

Your friend,
Pacifico



REEF EXPLORERS CLUB MEMBER
CLUB MEMBER P.O. BOX #1
REGISTERED CLUB MEMBER RESIDENCE



PACIFICO'S DIVE TALES

1

ALL ABOUT CORALS

There is one thing every coral reef around the world has in common: corals. Coral reefs are actually millions of single polyps that connect and form calicles—limestone skeletons that make up the base of these marine communities. Thousands of ocean animals call these reefs their home.

CORAL NOTES

- Animal type: invertebrate
- Diet: zooplankton, fish, and algae
- Size: from one polyp to communities covering a large surface area



STONY CORAL



SHORT POLYP
STONY CORAL (SPS)



MONTIPORA

Reef-building corals; produce calcium carbonate skeleton



Blue SPS Coral

SOFT CORAL

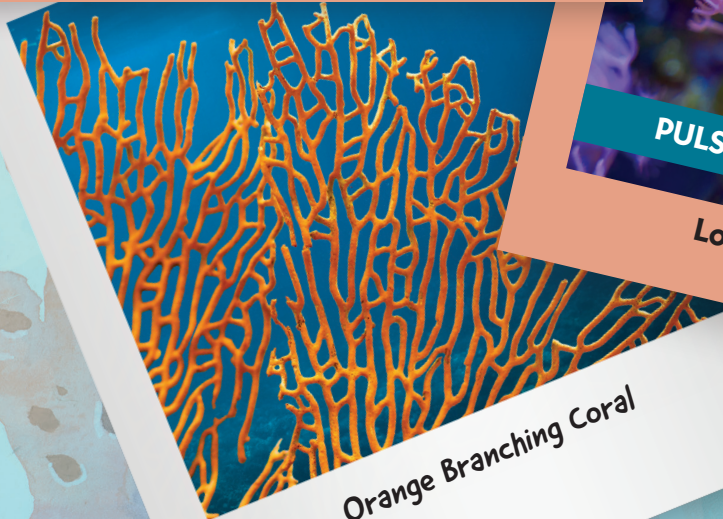


PULSING XENIA



BRANCHING CORAL

Look like colorful tree branches; do not produce as much skeleton



Orange Branching Coral

Greetings from the
GREAT BARRIER REEF

Queensland, Australia
Coral Sea



I just finished a snorkeling expedition
in the largest coral reef in the world—
the Great Barrier Reef—off the coast
of Australia. The Great Barrier Reef is
so extensive it can be seen from space!
Check out what we found when we dove
into the warm, blue waters of the
Coral Sea!

Your friend,
Pacifico



REEF EXPLORERS CLUB MEMBER
CLUB MEMBER P.O. BOX #
REGISTERED CLUB MEMBER



AUSTRALIA



PACIFICO'S DIVE TALES

3

HAWKSBILL TURTLE

I couldn't take my eyes off this majestic hawksbill sea turtle. It is named for its narrow, pointed beak and can live to be 50 years old.

HAWKSBILL TURTLE NOTES

- Animal type: reptile
- Diet: sponges, anemones, and jellyfish
- Size: 1.1 meters (3.61 feet) long and weighs 68 kilograms (150 pounds)
- Critically endangered because they've been hunted for their beautiful shells



Hawksbill Turtle

HAWKSBILL TURTLE



Endangered species hunted for its shell;
named for its narrow, pointed beak

PACIFICO'S DIVE TALES

5

Fossilized
Shark Teeth**BLACK-TIPPED REEF SHARK**

I almost swallowed my snorkel when a black-tipped reef shark swam near me! Luckily, these sharks are timid and rarely hurt humans. They can swim 50–97 kilometers (30–60 miles) per hour and can actually leap out of the water to jump over shallow reefs!

BLACK-TIPPED REEF SHARK NOTES

- Animal type: cartilaginous fish
- Diet: small fish, crustaceans, and cephalopods
- Size: up to 1.8 meters (6 feet) long
- Females are pregnant for 12 months and have litters of 2–4 pups

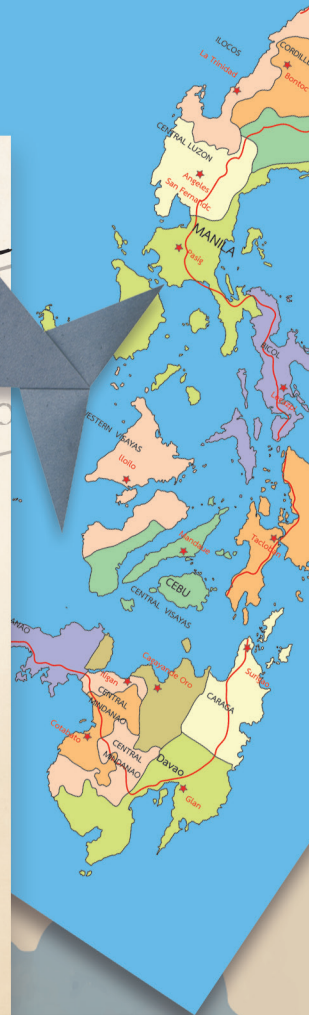
BLACK-TIPPED REEF SHARK

Timid, rarely hurts humans; swims at 50–97 kilometers (30–60 miles) per hour



Have you ever wished you could snorkel with a shark? What if you could read about what it's like to brush against a stinging fire coral? Pacifico, an avid ocean explorer, wants you to join him on his adventures to some of the most magnificent coral reefs in the world. Earn your Reef Explorers Club patch as you read Pacifico's letters and collect the stunning photos he sends the club about his encounters with the incredible wildlife found swimming amongst the corals.

Fig. 1



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