

READI	How long have some of the coral reefs been growing?  **The coral reefs been growing?**  **The coral reefs been growing.**  **The coral reefs been growing.**	nts?
Are polyps organisms?	NATIONAL GEOGRAPHIC Coral reefs  Coral organisms, called polyps, can live on their own, but are primarily associated with the spectacularly	11 What percentage of marine creatures are supported by coral?
What is the name given to the limestone skeleton?	diverse limestone communities, or reefs, they construct.  Polyps, Colonies, and Reefs Coral polyps are tiny, soft-bodied organisms related to sea anemones and jellyfish. At their base is a hard, protective limestone skeleton called a calicle, which forms the structure of coral reefs. Reefs begin when a polyp attaches itself to a rock on the sea floor, then divides, or buds, into thousands of clones. The polyp calicles connect to one another, creating a colony that acts as a single organism.  As colonies grow over hundreds and thousands of years, they join with other colonies and become reefs. Some of the coral reefs on the planet today began growing over 50 million years ago.	12 Identify three human factors which threaten coral reefs.
What do the polys attatch themselves to?	Color and Bleaching Coral polyps are actually translucent animals. Reefs get their wild hues from the billions of colorful zooxanthellae (ZOH-oh-ZAN-thell-ee) algae they host. When stressed by such things as temperature change or pollution, corals will evict their boarders, causing coral bleaching that can kill the colony if the stress is not mitigated.  Feeding Corals live in tropical waters throughout the world, generally close to the surface where the sun's rays can reach the algae. While corals get most of their nutrients from the byproducts of the algae's	
When do colonies become reefs?	photosynthesis, they also have barbed, venomous tentacles they can stick out, usually at night, to grab zooplankton and even small fish.  Threats to Survival Coral reefs teem with life, covering less than one percent of the ocean floor, but supporting about 25 percent of all marine creatures. However, threats to their existence abound, and scientists estimate that human factors—such as pollution, global warming, and sedimentation—are threatening large swaths of the world's reefs.	<b>9</b> Why do corals live close to the surface?
	7 What does the word mitigated mean? 8 Where do corals live?	