CONTENTS

		Page
Life	Science	2
	A Living Dragon	6
	When the Bears Turned Green	8
	How Smart Are Animals?	10
	The Lungfish	12
	Hide and Seek	14
	Orcas	16
	Ants That Look for Leaves	18
	A Strange World Under the Sea	20
	Think Before You Eat	22
	Your Teeth and You	24
	Black and White All Over	26
	Meet the Cactus	28
	Sugar Snap Peas	30
	The Ginkgo Tree	32
Ear	th-Space Science	34
	Spinning Winds	
	A Black Graveyard for Animals	40
	Moon Secrets	42
	A Nosy Neighbor	44
	Hurricane Watch	46
	Meteorites	48
	Mountains of Ice	50
	The Alvin	52
	What Did Dinosaure Do?	54

Page		
Physical Science		
Hang Gliding60		
Hot-Air Balloon62		
Lasers in Medicine64		
What Do You Think?66		
How a Battery Works68		
Dangerous Rays70		
Maglev: The Flying Train72		
The Uses of Petroleum74		
Environmental Science 76		
The Bald Eagle Is Soaring80		
Solar Heat82		
Fuel for Tomorrow84		
Acid Rain86		
We Need a Pollution Solution88		
Helping Mother Nature90		
Charged-up Cars92		
Bottle Bills Reduce Waste94		
Mountain Gorillas and Dian Fossey96		
Bibliography		
Record Keeping		
Metric Tables		

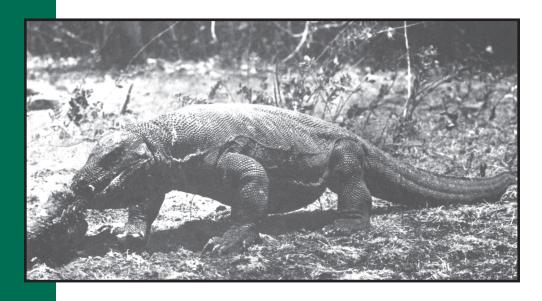
A Living Dragon

Are there really living dragons?

It is morning on the island of *Komodo* (kə mō' dō) in the Indian Ocean. Out of a cave comes a giant animal. It sticks out a long forked tongue. Inside its red mouth are rows of teeth. Is this a dream? No! There is such an animal. It is called the Komodo dragon.

The Komodo dragon is a *monitor lizard* (mŏn'ĭ tər lĭz'ərd), the largest of all known lizards. It can grow as long as eleven feet and weigh as much as two people. The Komodo looks for food by smelling with its tongue. This giant lizard can eat pigs, deer, goats, and monkeys.

For hundreds of years, people have talked about dragons as make-believe. Then, in 1912, people heard about the Komodo dragon. They thought it too was make-believe. But first four Komodo skins and then photographs were brought back from the island. Then people knew that the Komodo dragon was real.



QUESTIONS

- 1. The monitor lizard is
 - a. a small lizard with many rows of teeth.
 - b. a make-believe lizard.
 - c. the largest known lizard in the world.
- 2. The Komodo dragon uses its tongue to
 - a. catch snakes.
 - b. scare people.
 - c. smell food.
- 3. People may not have believed the Komodo dragon was real because
 - a. they had never seen one themselves.
 - b. the dragon was not alive until 1912.
 - c. the dragon never came out of its cave.
- 4. Which of the following happened *first*?
 - a. People saw photographs of the Komodo.
 - b. Komodo skins were brought back from the island.
 - c. People knew that the Komodo was real.
- 5. According to the story, which of the following statements is *true*?
 - a. All the stories about the Komodo dragon were make-believe.
 - b. Sometimes what we think is make-believe turns out to be real.
 - c. People who saw the Komodo dragon were dreaming.

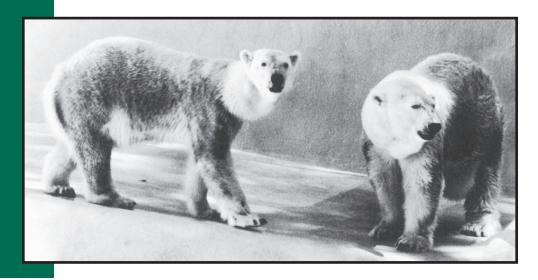
When Bears Turned Green

Read all about the zoo bears that turned green.

Polar bears are supposed to be white. They live in the cold northern parts of the world. Their white fur makes them almost invisible in the snow and ice.

But three bears living in a zoo turned green. That's right! The big white bears turned as green as grass. Scientists wondered why it had happened. They cut away some of the bears' fur and looked at it carefully. There were tiny plants called algae (ăl'jē) inside the bears' fur. Algae are plants that grow mostly in water, and they do not have true leaves or flowers.

Some kinds of algae can be green, and it was this algae that changed the color of the bears' fur. Scientists believe the algae were living in the small pool used by the bears. When the bears went for a swim, the algae moved into the bears' fur. The algae were not hurting the bears. The bears were not hurting the algae. In fact, they lived together happily. But green polar bears were a strange sight!



QUESTIONS

- 1. Algae are
 - a. a kind of bear.
 - b. tiny plants.
 - c. plants with flowers.
- 2. Algae live
 - a. in the water.
 - b. in dry places.
 - c. only in zoos.
- 3. The bears turned green because
 - a. they were sick.
 - b. they went swimming too often.
 - c. there were plants in their fur.
- **4.** Polar bears can live safely in ice and snow because
 - a. their white color makes it hard for hunters to see them.
 - b. they can see hunters coming from far away.
 - c. people do not hunt where there is ice and snow.
- **5.** In this story, where were the algae before they got into the bears' fur?
 - a. in the snow
 - b. in the flowers
 - c. in the pool