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Jaguars like water and are excellent swimmers.

# Inside

**FREE  
PULLOUT  
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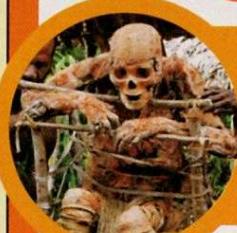
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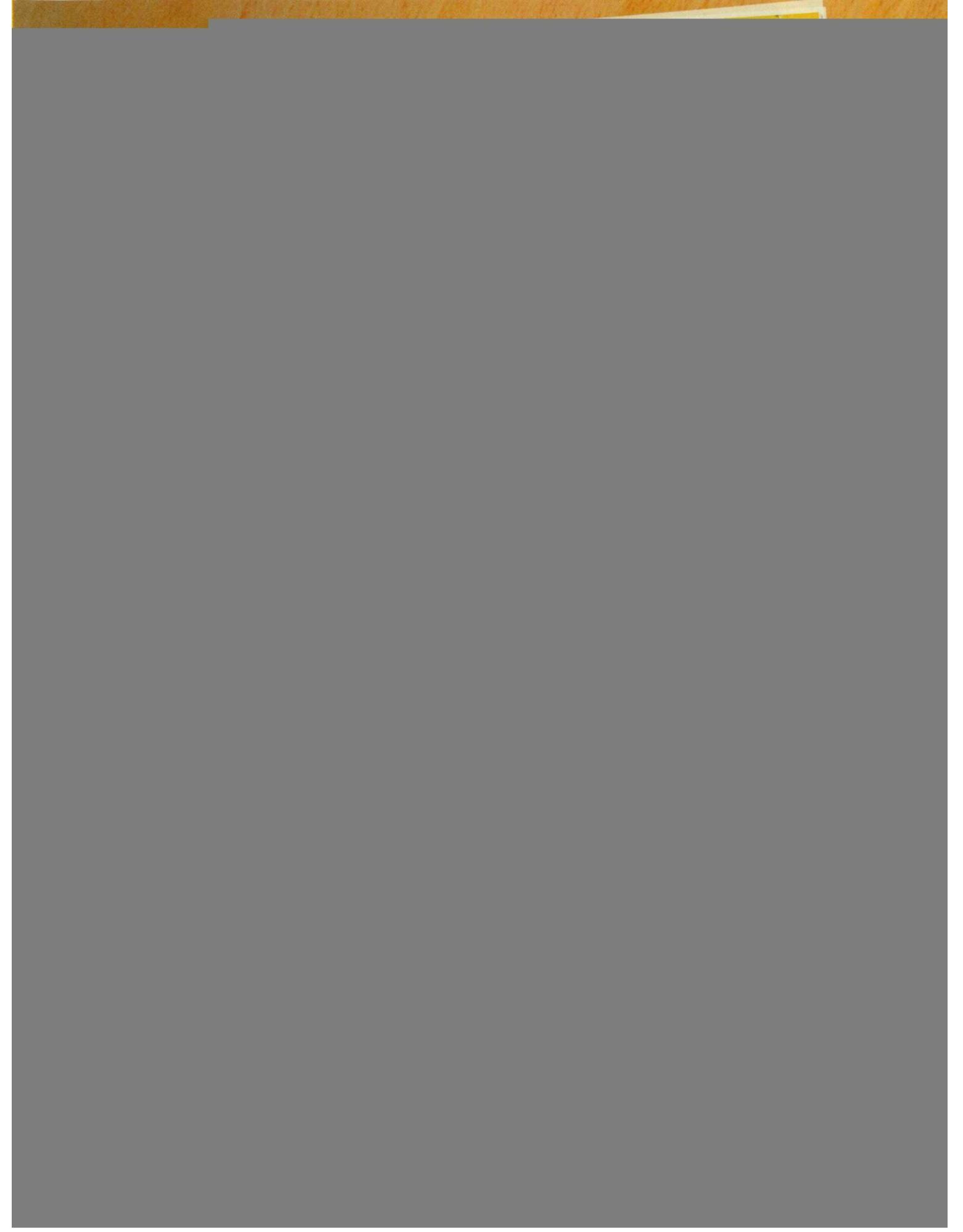
## On the Cover

A black jaguar's dark coat actually has spotted markings.

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# COOL inventions

BY CATHY LU



## DOG DAYS

It's Monday morning, and you're already missing your pup, wondering what kind of mischief he's getting into at home. Is he snoozing, barking at the cat, or digging holes? With Puppy Tweets, your pooch can fill you in on what he's been up to. Just attach a special motion- and sound-sensing tag to his collar, then plug a wireless receiver into your home computer. Whenever your puppy moves or barks, the tag notes how intense the action is and sends that info to the computer. Based on the level of activity, an appropriate tweet is chosen and posted to your pup's Twitter page. For example, his tweet might say, "Finally caught that tail I've been chasing! Phew, what a workout!"



## ROBOT DELIVERY

In 20 years, you might be able to walk back from the mall without carrying a bunch of bags, or go to the airport without lugging suitcases. The Cargonaut—just a concept for now—is a human-size robot that flies around picking up and delivering personal items.

Containers called skyboxes would be available at Cargonaut locations in malls, airports, and hotels. To ship something, you find a station, place your stuff inside a skybox, and punch in the Cargonaut location closest to your destination.

That's where you pick up your package. The Cargonaut flies above the tops of buildings carrying your cargo. Meanwhile, your hands are free for more important tasks—like texting your friends about where you're off to next.



## FLOATING HOME

Pools and playgrounds are so passé. At the Citadel, the fun is right outside your window. A Dutch concept, the Citadel is a floating apartment complex. It's not only a neat place to live, it's also an environmentally sensible one. During wet weather, the lake surrounding the Citadel absorbs excess rainfall, which prevents flooding. The apartments rise and fall with the changing water level. The Citadel consumes 25 percent less energy than regular apartment buildings thanks to solar panels, heat from nearby greenhouses, and the lake itself, which helps warm and cool the floors. A bridge lets you walk or bike to land—but why bother with roads when you can swim over to a friend's house or sail to baseball practice?



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THIS HALLOWEEN, WHY BE A PIRATE OR A VAMPIRE WHEN YOU CAN DOUBLE THE TERROR...



Just when you thought it was  
safe to go back into the ocean...

"TOTALLY ORIGINAL....

I wish I'd had this idea."

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gecko

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★ WHICH POKÉMON WILL YOU TAKE ON YOUR ADVENTURE? ★





# Amazing Animals



## FOX STEALS SHOES

### Föhren, Germany

Who'd want someone else's stinky shoes? That's what residents of one town wondered when their shoes started vanishing from their doorsteps. Suspects included neighbors, dogs—even their own kids. Then a forest worker discovered close to 250 shoes scattered near a fox den. A fox had outfoxed the town!

Why would a four-legged furball want a pair of shoes? Like dogs, foxes enjoy chewing and playing. John Hadidian, director of urban wildlife programs for the Humane Society of the United States, thinks the fox was probably just having fun. But that doesn't mean all foxes are shoe thieves. "This is probably one fox out of millions," he says. "She has in her head that she likes shoes."

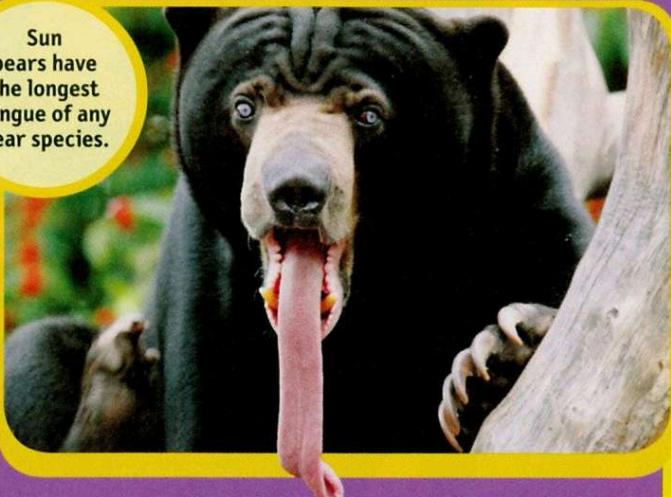
The recovered shoes were displayed in town so residents could reclaim their footwear. As for the fox, she's moved on to new territory—but the townspeople now know better than to leave their shoes outside.

—Elisabeth Deffner



RESIDENTS SEARCH THE RECOVERED STOLEN GOODS FOR THEIR MISSING SHOES.

Sun bears have the longest tongue of any bear species.



## BEAR HAS GIANT TONGUE

### St. Louis, Missouri

Rimba the Malayan sun bear reveals a shocking secret when he opens his mouth at the St. Louis Zoo. It's not bad breath—it's a foot-long tongue.

Rimba darts his tongue into logs to search for food. "We drill holes in tree logs and hide things like peanut butter and raisins," says mammal curator Steve Bircher. Rimba may look a little unusual, but in the wild sun bears need their long tongues to survive. Unlike other bears, who spend most of their time on the ground, sun bears hang out in trees. They cling to branches with their paws, and they use their tongues to lap up insects and honey.

You'd think such a long tongue might trip up Rimba, but he's actually quite graceful. "He likes to sit on a high branch and tie rope around himself," Bircher says. At least Rimba isn't tongue-tied! —Madaline Donnelly

Malayan sun bears live in the rain forests of Southeast Asia.



## DOG SURVIVES CLIFF FALL

### East Sussex, England

Poppy the English springer spaniel was just doing what she loved when she chased a seagull at a seaside park. But when the gull flapped away, Poppy kept chasing it—right over a 300-foot cliff!

Her horrified dog walkers rushed to the edge and looked down. Poppy had fallen straight into the English Channel. She was alive but helpless in the chilly waves.

As the humans called for help, the clever canine paddled to a tiny beach about 30 feet away. For ten minutes she huddled there until a rescue boat from the Royal National Lifeboat Institution reached the soaked-but-safe dog.

Spaniels are great swimmers, says Ginnie Klein of the Golden Gate English Springer Spaniel Association. But surviving such an ordeal is "pure dumb luck," she says. Poppy may wish she could fly as well as swim!

—Elisabeth Deffner



WATCH OUT, BIRD. YOU MAY HAVE LED ME OFF A CLIFF ONCE, BUT I'LL CATCH YOU NEXT TIME.

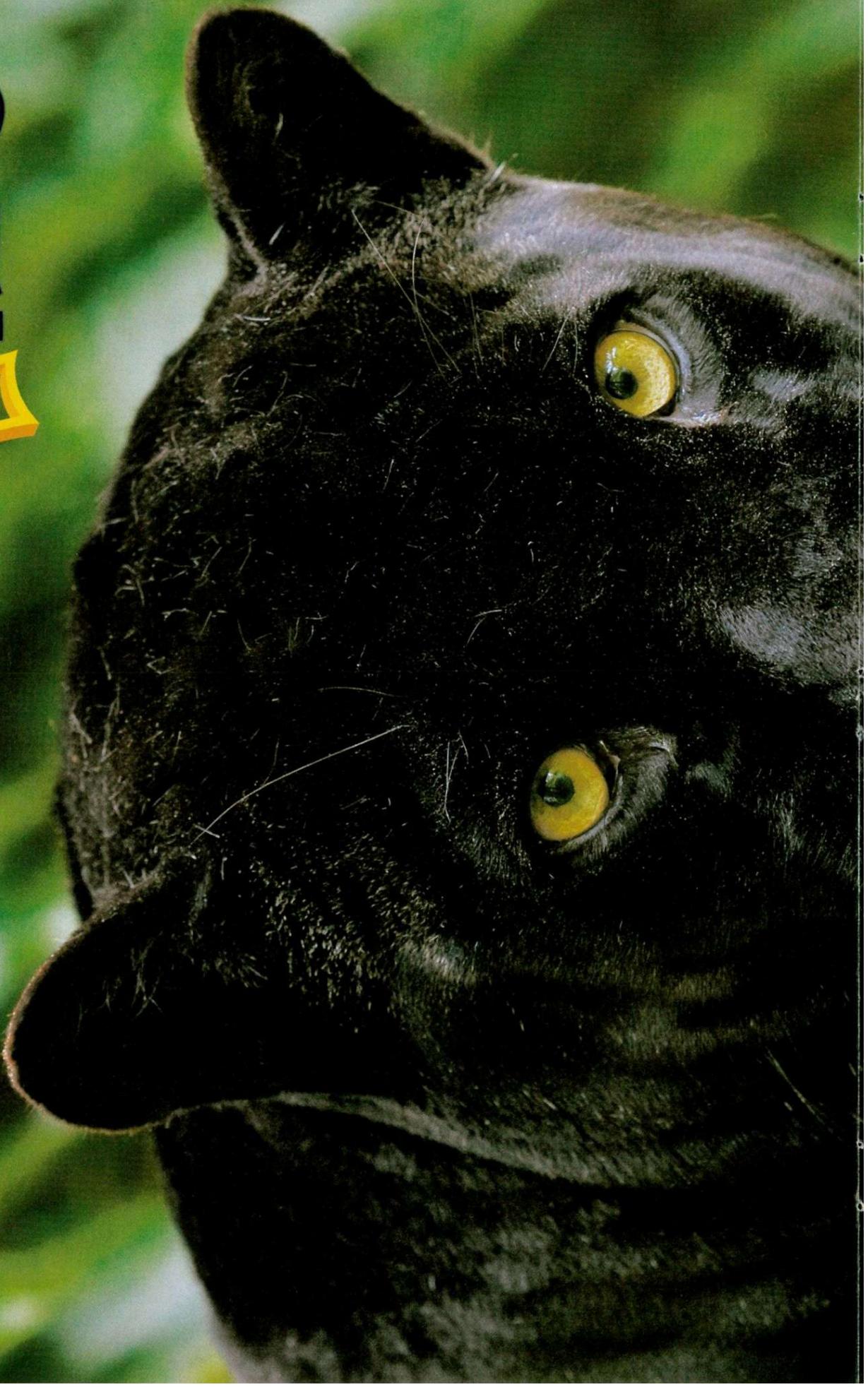
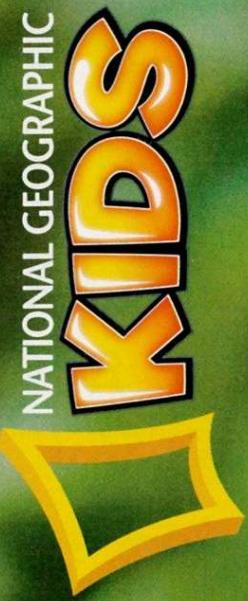






SUPERSTITION









# HOW TO MAKE AN ANGA MUMMY

- 1 Construct a ceremonial smoking hut of palm leaves and bamboo during a three- to five-day mourning period.
- 2 In the smoking hut, scrape the corpse's skin and hair with a plant bristle brush and bamboo.
- 3 Gently squeeze fluids through the skin to help dry the body.
- 4 Place the body in a chair made from branches and keep a smoky fire going for about 30 days. Keep brushing and squeezing out fluids.
- 5 Put red ochre clay on the body. This helps draw out more fluids.
- 6 Dress the mummy in a grass skirt and cap, and place it on a breezy cliff ledge.

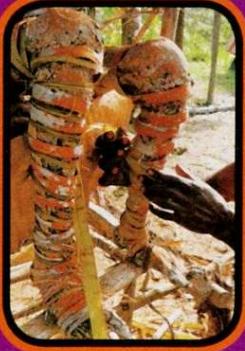
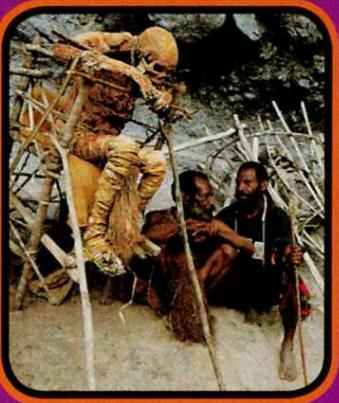
Chief Moimango's mummy was falling apart. Like other Anga mummies, he sat outside for decades. His fingers and toes were overgrown with plant life and starting to fall off. Wasps had nested in his head. But no one in the Anga tribe knew how to fix him. So Gematsu asked American mummy expert Ronald Beckett to teach his people how to put this treasured mummy back together again.

## ALL PATCHED UP

Beckett showed Moimango's son and other tribe members how to repair the body using materials from the surrounding jungle. They used bamboo brushes to clean the mummy, tree sap (left) to glue the skin to the skull, and a material made from tree bark to patch holes and stabilize the head. The finishing touch? A layer of orange mud to give the mummy a protective coating.



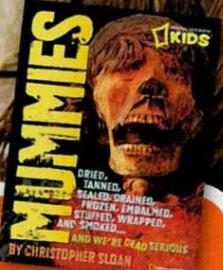
**IT'S A WRAP** An Anga villager wraps rope made from tree bark around Moimango's legs to help hold his fragile body together.



## LOOKING GOOD

Now a spruced-up mummy, Moimango took his old place in a rock shelter on a cliff. Gematsu and his son sit nearby. One day the younger man will have the honor of preserving his father as a mummy.

Check out other kinds of mummies in the National Geographic book *Mummies: Dried, Tanned, Sealed, Drained, Frozen, Embalmed, Stuffed, Wrapped, and Smoked...and We're Dead Serious*, by Christopher Sloan.



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BY RUTH A. MUSGRAVE





advertisement



# What in the World?

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## BLACK-AND-WHITE

These photographs show close-up and faraway views of black-and-white things. Unscramble the letters to identify each picture. Stuck in a gray area?

ANSWERS ON PAGE 36



OCSW



RCSECO LALB



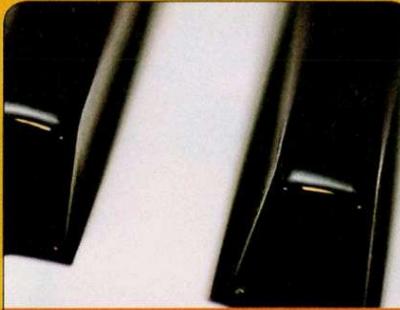
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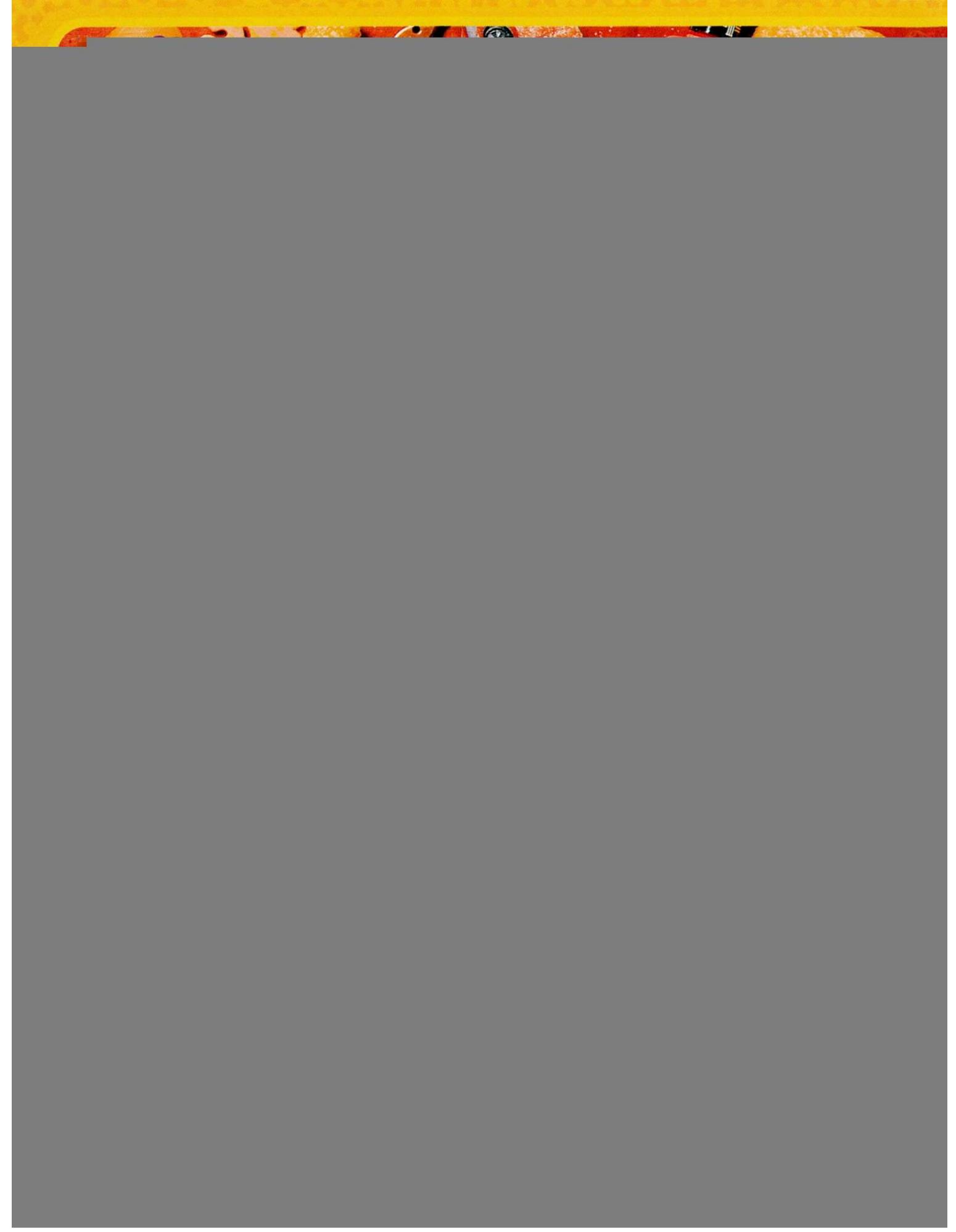
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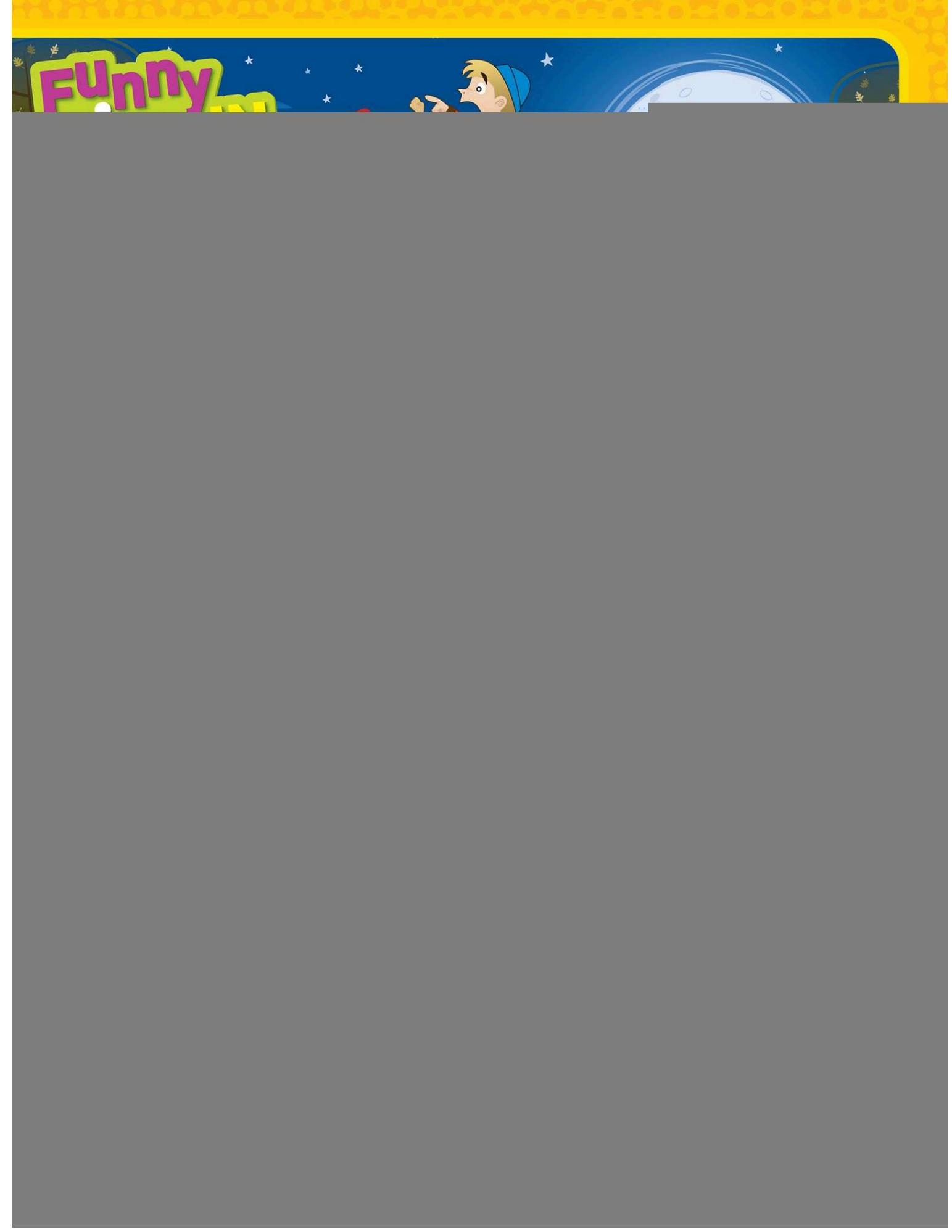


ENUGNPI SIHKCC



"Look





# NATIONAL GEOGRAPHIC KIDS ANIMAL JAM

## Picture Perfect

Peck the rabbit has offered to paint Graham the monkey's portrait. But she's having a tough time getting it exactly right. Take a look at each painting Peck has created. Can you spot the perfect one and circle the differences in the others?

ANSWER ON PAGE 36

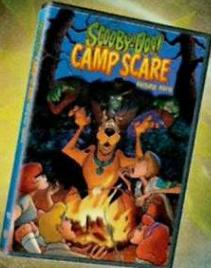
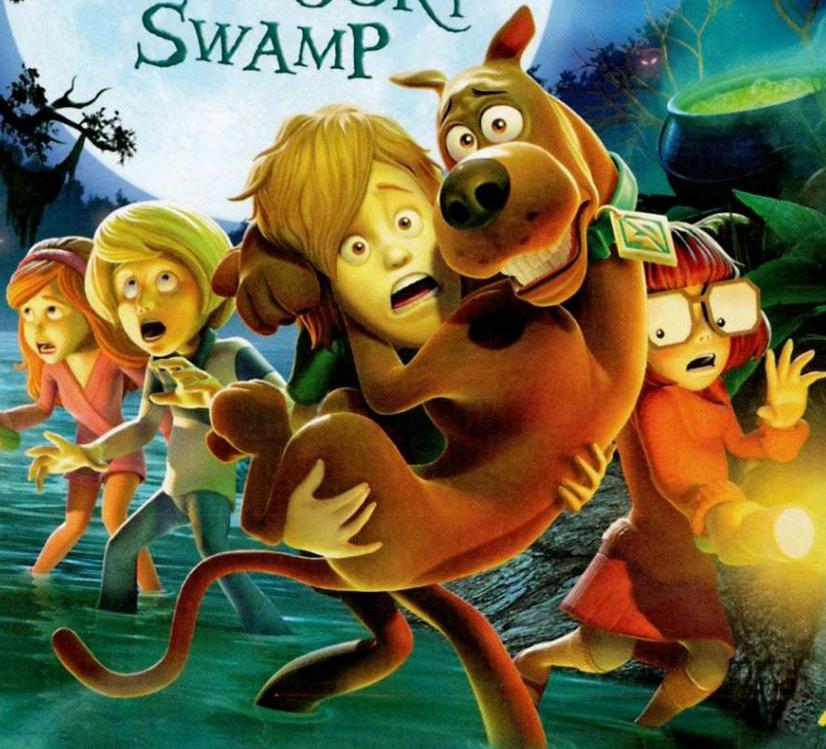


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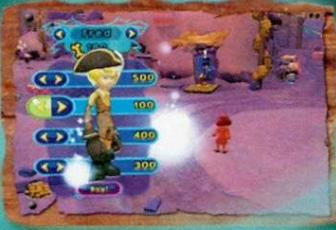
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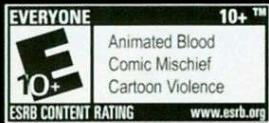
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