NATIONAL GEOGRAPHIC

CONTENIDO

VOLUME 221 No. 1, JANUARY 2012

38 A Thing or Two About Twins.

Twins could unlock the secret to how genes and the environment interact to make us who we are.

Peter Miller.

Photographs by Jodi Cobb and Martin Schoeller.

66 Panama's Big Dig.

At an ancient cemetery, gold is surfacing so fast the archaeologist is tempted to yell, Stop, stop!

A. R. Williams

Photographs by David Convetry.

The Cold Patrol.

It's 25° below zero. The dogs are unruly. Polar bears lurk. Pay is low. Yet Danes proudly serve.

Michael Finkel.

Photographs by Fritz Hoffmann.

The Healing Fields.

"One less land mine, one less child without a leg". Cambodia recovers from the scourge of mines.

Mark Jenkins.

Photographs by Lynn Johnson.

116 Hyperactive Zone.

Africa's Afar depression has swallowed camels, spit up a lava lake, and created precious salt.

Virginia Morell.

Photographs by George Steinmetz.

Hanging On in the Hi-Line.

Hype brought a flood of Montana homesteaders. Their descendants still struggle with tough terrain.

David Quammen.

Photographs by William Albert Allard.

DEPARTMENTS

- **Editor's Note.**
- 6 Letters.
- 8 National Geographic on TV.
- 9 Explorers Journal.
- 12 VISIONS
- 18 Field Test.
- 20 Your Shot.
- 24 NOW

A Mole's Sixth Digit.

The mammal's pseudothumb is a boon for burrowing.

Tsunami Debris.

It's floating to North America.

Unshrunken Head.

For the first time, features have been reconstructed.

Goat Mowers.

Got weeds? Call in a herd.

Paging Dr. Panda.

Caregivers at a Chinese reserve don panda suits.

33 NEXT

Drilling Deep.

Scientists aim to unearth green rock that could tell how the planet formed.

Shaved Ice.

A robotic submarine measures the melting of Antarctic glacier bottoms.

Bacteria Save Murals.

There's no sun, no rain, no soli. What's the secret to space station farming?

Mimicking Sharkskin.

Medical devices and paint take a lesson from the overlapping scales.

- NG Connect.
- 152 The Moment.

Flashback.

ON THE COVER

Identical twins Katie (at left) and Sarah parks, age ten, have their differences. Sarah the more talkative of the two, was diagnosed with type 1 diabetes at age three. Quieter Katie does not have the disease, which has a genetic component as well as environmental triggers. Photo by *Martin Shoeller*.