

CONTENTS

JUNE 2017 • VOL. 231 • NO. 6 • OFFICIAL JOURNAL OF THE NATIONAL GEOGRAPHIC SOCIETY

FRONT

VISIONS

EXPLORE

Progress: 3-D paintings, diverse comics, holograms

STARTALK

Neuroscientist and TV star Mayim Bialik on the status of women in STEM fields.



FEATURES

112 | CARVED BY LAVA

Centuries of eruptions have created hidden networks of caves under Hawaii's volcanoes. Below, lava flows out of one of the underground passageways into the sea.
By Joshua Foer, Photographs by Carsten Peter



On the Cover A polygraph allows its operator to compare a person's physiological responses—such as changes in breathing, blood pressure, or pulse—when telling the truth versus lying. Originally introduced in 1921, these instruments may help indicate when people lie, but scientists are still exploring the question of why people lie.
National Geographic photo illustration

Corrections and Clarifications
Go to natgeo.com/corrections.

30 | WHY WE LIE

In the age of social media, separating truth from lies may be harder than ever.

*By Yudhijit Bhattacharjee
Photographs by Dan Winters*

92 | TURNED TO STONE

A Canadian mine yields one of the world's best preserved dinosaurs.

*By Michael Greshko
Photographs by Robert Clark*

52 | LIFE IN THE BALANCE

Climate change threatens animals of the Galápagos.

*By Christopher Solomon
Photographs by Thomas P. Peschak*

106 | A STATE OF GRIEF

Death rituals have become a cathartic part of daily life in the Philippines.

*By Aurora Almendral
Photographs by Adam Dean*

70 | THE PERILS OF PALE

In Tanzania people with albinism are attacked for their body parts.

By Susan Ager, Photographs by Stephanie Sinclair

128 | THE SIDE EFFECT

Entrepreneurs sell medicine on Haiti's streets.

*By Arnaud Robert
Photographs by Paolo Woods and Gabriele Galimberti*

PHOTO: DUUG PERRINE, LAVA OCEAN TOURS