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HUNGER  
AND HOPE IN  
AMERICA

GLASS FROGS:  
CRYSTAL CLEAR  
BEAUTIES

# NATIONAL GEOGRAPHIC MAGAZINE



## KILLING THE KALAHARI

LIFE IN THE AFRICAN ECOSYSTEM HANGS IN BALANCE AS  
CLIMATE CHANGE WREAKS HAVOC

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## On the Cover

Rising heat could have an adverse impact on the survival of the meerkat in Kalahari.

THOMAS P. PESCHAK

## PROOF



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### A Summer Trip to the Shore

In landlocked Hungary, an ersatz seashore vacation—to Lake Balaton, central Europe's largest lake—is a tradition for many families.

PHOTOGRAPHS BY ZSÓFIA PÁLYI

## EXPLORE

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### THE BIG IDEA

### The Dog (et al.) Days

If we love holidays and we love animals, it's no surprise that we'd love animal-themed holidays.

BY OLIVER WHANG

### INNOVATOR

### The 'Gardening' Tapir

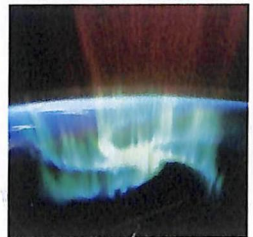
This animal is key to reviving Brazil's wetlands after wildfires, says conservation ecologist Patricia Medici.

BY ANNIE ROTH



### ALSO

Parrot, Macaw Mummies



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### DECODER

### Space Hurricane

A vortex of plasma spins up to 31,000 miles above Earth.

BY ROBIN GEORGE ANDREWS AND JASON TREAT; ILLUSTRATION BY MARK GARLICK

### TOOL KIT

### Tidal Technique

With simple tools, he sculpts elaborate towers on shifting sands.

BY CATHERINE ZUCKERMAN  
PHOTOGRAPH BY REBECCA HALE

### ALSO

Japanese Washi Paper  
A Photographer's Youth

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Sikkim University



FEATURES

**Perfectly Clear**

New findings tell scientists more about the translucent amphibians known as glass frogs.

BY ANGELA  
POSADA-SWAFFORD  
PHOTOGRAPHS BY  
JAIME CULEBRAS

..... P. 30

**Hunger in America**

In 2020, 1 in 7 people in the U.S. didn't get sufficient food.

BY CASSANDRA SPRTLING  
..... P. 44



**The Edge of Survival**

The delicate balance of life in the Kalahari is at risk from increases in heat and droughts.

BY LEONIE JOUBERT  
PHOTOGRAPHS BY  
THOMAS P. PESCHAK

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**ABOVE:** Desert dwellers in the Kalahari collaborate to stay alive. Among meerkats (shown), some of lesser rank provide care for the pups of the high-ranking female, while others stand guard to warn of predators.