

10.2020



NATIONAL
GEOGRAPHIC

REIMAGINING
DINOSAURS

From rainbow feathers to river monsters,
prehistoric icons get a modern reboot

CONTENTS

On the Cover

A male *Deinonychus* stands over hatchlings and eggs he's brooding. Recent studies have produced many new insights into dinosaurs' looks and behaviors.

PAINTING BY DAVIDE BONADONNA

PROOF



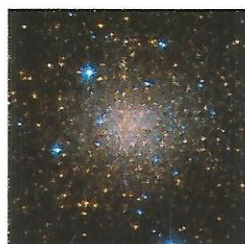
6

Every Mother's Son
African-American mothers pose with the sons they fear losing to violence, in the photography project "Stranger Fruit."

BY LONNAE O'NEAL
PHOTOGRAPHS BY
JON HENRY

EXPLORE

15



THE BIG IDEA

A Map for Aliens in Search of Earth

To replace the aging star map the Voyagers took into space, this pair devised a new one.

BY NADIA DRAKE
AND SCOTT RANSOM

ARTIFACT

A Shark's Perspective

A Crittercam placed on a shark's fin captures photos where humans cannot go.

BY NINA STROCHLIC

ALSO

Sounds to Renew Reefs
Bee Bites Spur Pollen

CORONAVIRUS



28

DECODER

How COVID-19 Affects Animals

In addition to people, the disease has hit lions, tigers, mink, and more.

BY NATASHA DALY

INNOVATOR

Disease Detective

This bioarchaeologist studies the DNA of ancient pathogens.

BY THERESA MACHEMER

THROUGH THE LENS

Sorrow and Resilience

A photographer covers the virus, and catches it.

BY DANNY WILCOX FRAZIER
AND CASSANDRA SPRATLING