

11.2018

MARS SEASON TWO PREMIERES NOVEMBER 12 AT 9/8C ON NATIONAL GEOGRAPHIC

NATIONAL
GEOGRAPHIC

The Battle for the
American
West

IN THE
WIDE OPEN
PROTECTED
SPACES
OF THE
WEST, THE
QUESTION
ENDURES:
WHOSE
LAND IS IT
ANYWAY?

*"It is a diverse,
iconic, some say
spiritual landscape."*

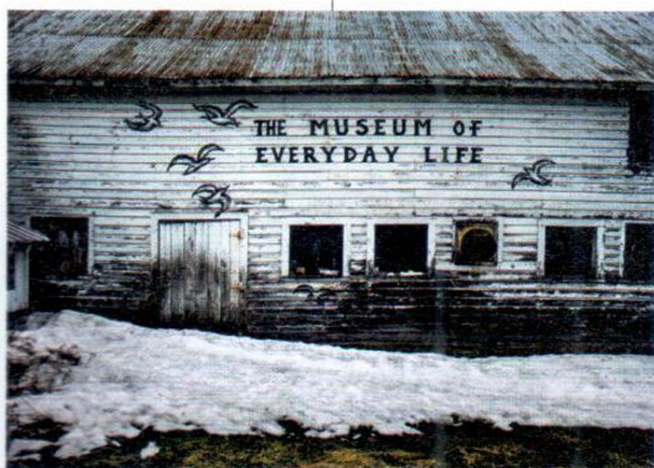
MATT REDD
RANCHER

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On the Cover

The Nature Conservancy bought Dugout Ranch, the largest private landholding within Utah's Bears Ears National Monument, to keep it from developers. Matt Redd, who directs a Conservancy research center, also tends the ranch's cattle. AARON HUEY

PROOF



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Uncommon Kingdom
A Vermonter describes the state's northeast corner as a realm apart, a kingdom whose subjects are independent and eccentric.

BY ARCHER MAYOR
PHOTOGRAPHS BY
STÉPHANE LAVOUÉ

EMBARK

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THE BIG IDEA

A Sun-Powered Sail Into Space

A solar-sail spacecraft, set for a fall launch, is the stuff of astronomers' dreams—and a glimpse of the future.

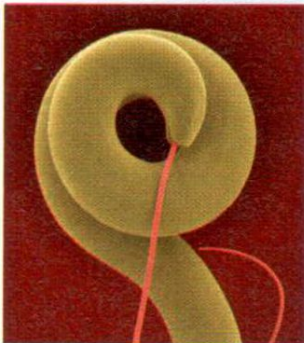
BY BILL NYE

CAPTURED

As the Worm Turns

An intestinal parasite can actually be beneficial.

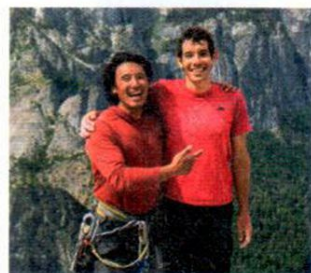
BY LORI CUTHBERT



ALSO

Crow Funeral Rites
Flu Virus Genetics

EXPLORE



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THROUGH THE LENS

When a Friend Defies Death

A photographer documents his buddy's ropeless climb of Yosemite's El Capitan.

BY PETER GWIN

DECODER

Taking Mars's Pulse

Late this month, the Mars lander InSight is set to start gathering data on the red planet.

BY JASON TREAT

MARS

The second season of the National Geographic series premieres at 9/8c on November 12.



FEATURES

Battle for the American West

Who gets to choose how the land is used?

BY HANNAH NORDHAUS
PHOTOGRAPHS BY AARON HUEY

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Saving the Sage Grouse

It's a symbol in debates about land use versus conservation. It's also a bird species in decline.

BY HANNAH NORDHAUS
PHOTOGRAPHS BY CHARLIE HAMILTON JAMES

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Menu of the Future

Coming to your table: dishes featuring grass, insects, and algae.

BY TRACIE McMILLAN
PHOTOGRAPHS BY GRANT CORNETT

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DISPATCHES

Caught in Chaos

As thousands of migrants flee Venezuela for Brazil, they take their woes with them.

BY PAULA RAMÓN
PHOTOGRAPHS BY FEDERICO RIOS

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Flooding History

A controversial dam in Turkey will destroy an ancient settlement.

BY SUZY HANSEN
PHOTOGRAPHS BY MATHIAS DEPARDON

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A Crack in the World

Life at the Antarctic Peninsula needs sea ice and krill to survive. What if they go away?

BY CRAIG WELCH
PHOTOS BY PAUL NICKLEN, CRISTINA MITTERMEIER, AND KEITH LADZINSKI

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