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MARCH 2017 • VOL. 251 • NO. 3 • OFFICIAL JOURNAL OF THE NATIONAL GEOGRAPHIC SOCIETY

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EXPLORE

Kite-skiing on ice, animal tools, a ship elevator, and a monastery's hidden texts

STARTALK

Jazzmen Herbie Hancock and Wayne Shorter jam with Neil deGrasse Tyson.

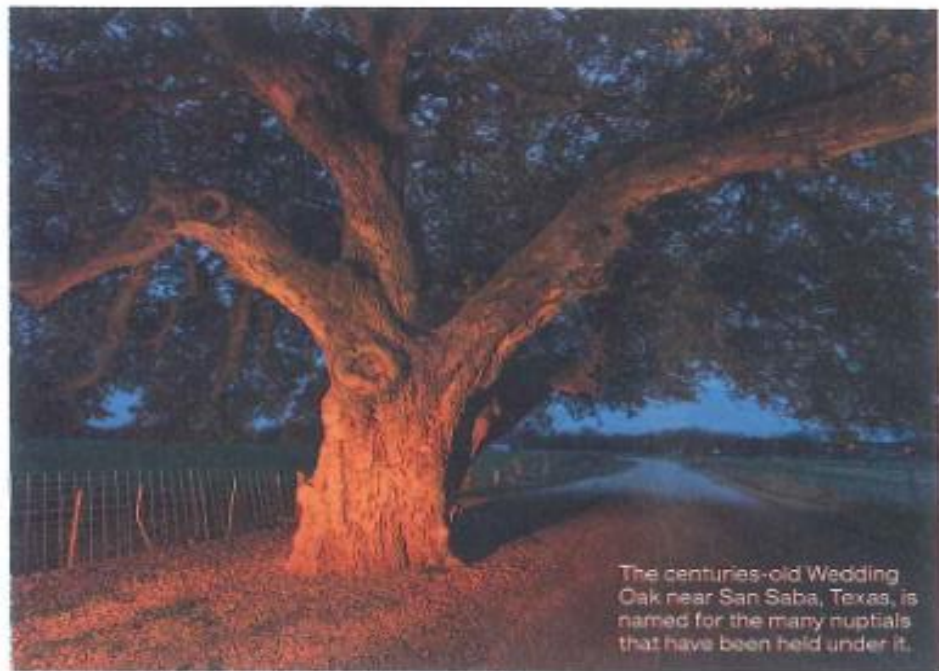


FEATURES

52 | THE WISDOM OF TREES

Every tree tells a story. Some are beyond eloquent: the apple tree that illustrated the law of gravity, the pear tree that survived 9/11, pines that can live more than 5,000 years.

By Cathy Newman Photographs by Diane Cook and Len Jenschel



The centuries-old Wedding Oak near San Saba, Texas, is named for the many nuptials that have been held under it.

SPECIAL POSTER: THE VIKINGS' FAR- FLUNG REALM AND FEARSOME FLEET

On the Cover A Scandinavian warrior chief from the late 10th century is ready for battle. The headgear he wears is based on the only complete Viking metal helmet known to survive.
Art by Fernando G. Baptista

Corrections and Clarifications
Go to natgeo.com/corrections.

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How Scandinavian farmers became Europe's scourge.

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and David Guttenfelder

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Story and Photographs by
Martin Roemers

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Crested black macaques have many enemies.

By Jennifer S. Holland
Photographs by
Stefano Unterthiner

ELSEWHERE

TELEVISION

TAKE A JOURNEY THROUGH HUMANITY'S ORIGINS

Humanity has progressed thanks to a sequence of quantum leaps, including the discovery of fire, the dawn of communication, and the first stirrings of war. National Geographic's new series *ORIGINS* delves into these and other advances Mondays at 9/8c, starting March 6.

TELEVISION

THE LANDMARK SERIES EXPLORER IS BACK

Long a popular documentary series, *Explorer* returns with magazine storytelling, celebrity guests, and conversation, hosted by Richard Bacon, Mondays at 10/9c on National Geographic.

STOP-MOTION VIDEO

JOIN THE VOYAGES OF A VIKING SHIPBUILDER

In a video adventure rooted in Norse mythology and fashioned entirely of handmade paper art, a Viking master builder constructs a ship, then pilots it on raids to take loot and slaves. See it at ngm.com/Mar2017.



360-DEGREE VIDEO

EXPERIENCE A BATTLE WITH VIKING WARRIORS

Armed with swords and axes, armor-clad reenactors at a Viking festival in Wolin, Poland, launch an offensive against the Slavs – and you can be part of it. Find our immersive 360° film at natgeo.com/vikings360.

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TELEVISION

CESAR HITS THE ROAD...

In *Cesar Millan's Dog Nation* the dog behavior expert and his son Andre tour the United States helping owners and pets. The series debuts March 3 at 9/8c on Nat Geo WILD.



BOOKS

...AND OFFERS CANINE 'LESSONS'

In *Cesar Millan's Lessons From the Pack: Stories of the Dogs Who Changed My Life*, the Dog Whisperer shares life lessons he's learned from dogs. Available at shopng.com and wherever books are sold.

NAT GEO WILD YOUTUBE CHANNEL

SEE NEW WILDLIFE VIDEOS

Nat Geo WILD looks at surprising animals found in our own backyards in a new digital series, *Untamed With Filipe DeAndrade*, airing on YouTube March 14.

TELEVISION

THE BIG CATS KEEP ON COMING

Our annual Big Cat Week kicks off February 20 on Nat Geo WILD.

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