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#### DEPARTMENTS

#### **FEATURES**

#### VISIONS

#### **EXPLORE**

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

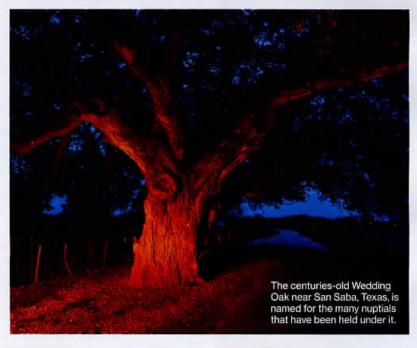
#### STARTALK

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



## 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 Jenshei



#### 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.

#### 30 | NEW VISIONS OF THE VIKINGS

How Scandinavian farmers became Europe's scourge, By Heather Pringle Photographs by Robert Clark and David Guttenfelder

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Politics and exploitation put a great fishery at risk. By Rachael Bale Photographs by Adam Dean

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The world's megacities are a swirl of 21st-century energy and humanity. Story and Photographs by Martin Roemers

#### ELSEWHERE

#### TELEVISION

### TAKE A JOURNEY THROU

Humanity has progressed than including the discovery of fire, first stirrings of war. National G into these and other advances

#### **TELEVISION**

#### THE LANDMARK SERIES

Long a popular documentary storytelling, celebrity guests, Bacon. Mondays at 10/9c on I

#### STOP-MOTION VIDEO

#### JOIN THE VOYAGES OF

In a video adventure rooted in of handmade paper art, a Vikir pilots it on raids to take loot ar



#### 360-DEGREE VIDEO

#### **EXPERIENCE A BATTLE**

Armed with swords and axes in Wolin, Poland, launch an of be part of it. Find our immers

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