Oman’s Outstanding Ophiolites, Canyons and Dunes

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22 | FROM FARM TO FILTER:
Restored Wetlands Remediate Nitrogen Pollution

The early 20th-century invention of a nitrogen-fixation process revolutionized agriculture and made it possible to feed the planet’s growing population. But nitrogen runoff is polluting our waterways and suffocating aquatic life. Now, researchers looking for ways to reverse that trend are turning farmland into wetlands to filter nitrogen from streams and rivers. | Nia Hurst

28 | SLUMGULLION:
Colorado’s Natural “Lab” Offers Insights Into Landslides Worldwide

In southwestern Colorado, a centuries-old landslide (first identified as such in 1883 by an infamous prospector and purported cannibal) is offering geologists an ideal laboratory to study slow-moving slides. | Jane Palmer

38 | TRAVELS IN GEOLOGY:
Northern Oman: Stunning Canyons, Towering Dunes and the World’s Largest Ophiolite

The small, politically stable sultanate of Oman hosts the world’s biggest and most intact ophiolite — a rare slice of oceanic crust emplaced on land — as well as stunning canyons, turquoise swimming holes, lush palm oases, Bronze Age tombs, endangered sea turtles and endless fields of sand dunes. | Lon Abbott and Terri Cook

64 | GEOLOGIC COLUMN:
A WORLD WITHOUT MEASURE

The treaty establishing a global, uniform system of measurement was signed on May 20, 1875. Today, we honor that achievement by celebrating World Metrology Day on May 20. | John Copeland

ON THE COVER: Oman’s stunning sand dunes. Credit: Lon Abbott and Terri Cook
NEWS

10 DOUBLE-DIP LA NIÑA BLAMED FOR COLORADO’S DRY WINTER
11 WORLD’S LONGEST UNDERWATER CAVE FOUND IN MEXICO
12 WHATEVER HAPPENED TO THAGOMIZERS AND OTHER TAIL WEAPONS?
13 UNPRECEDEDNTED EXPLORATION OF UNDERSEA VOLCANO YIELDS SURPRISING RESULTS
14 BATTERY RECYCLING UNDERLIES ELEVATED LEAD IN AFRICAN SOILS
15 HOT TROPICS DROVE OUT ANCIENT REPTILES, BUT THEY CAME BACK
16 RADIIUM LEVELS SUGGEST ARCTIC OCEAN CHEMISTRY IS CHANGING
17 ORIGINS OF PLANT PHOTOSYNTHESIS ILLUMINATED
18 RISING WATERS SINK SEAFLOORS
19 LIDAR PRESERVES RECORD OF DESTROYED THEROPOD TRACKS
19 FLIGHTLESS DINO HAD BRIGHT, RAINBOW-COLORED FEATHERS
20 HOW BORNEO GOT ITS ELEPHANTS
20 NEW MAP OF TITAN SHOWS MOON’S HIDDEN SURFACE
21 ICE (RE)CAP

DEPARTMENTS

4 FROM THE EDITOR
6 PERSPECTIVES
48 GEOMEDIA: BOOKS: Solar Eclipses Past, Present and Future
50 WHERE ON EARTH?
51 CROSS-SECTION: A Puzzle
52 DOWN TO EARTH: With National Park Service Senior Paleontologist Vincent Santucci
56 BENCHMARKS: MAY 3, 2003: New Hampshire’s Old Man of the Mountain Falls
60 CLASSIFIEDS: Career Opportunities

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