Juno Unveils Jupiter’s Swirling Storms
26 | PIECING TOGETHER THE BIG PICTURE OF CORAL REEF HEALTH

To better understand what’s happening to the world’s reefs, a team of researchers launched the 100 Island Challenge, a plan to survey 100 reefs twice each in five years using traditional methods combined with advanced imaging technology. Learning how reefs grow and change over time will help local populations better manage and conserve the fragile yet vital ecosystems. | Bethany Augliere

38 | JUNO UNVEILS JUPITER’S SECRETS

NASA’s Juno mission launched from Cape Canaveral, Fla., on Aug. 5, 2011, and arrived at Jupiter nearly five years later, having traveled 2.8 billion kilometers. Since then, Juno has made a plethora of new discoveries, upturning much of what we thought we knew about the gas giant. What else could it reveal? | Harvey Leifert

46 | TRAVELS IN GEOLOGY: FINDING FLORIDA’S HIDDEN FRESHWATER GEMS

Florida is renowned for its beaches and seascapes, but the state also has possibly the highest concentration of springs in the world, due to the karst geology and climate. Whether you are a cave-certified scuba diver, are on the hunt for fossils, or you and your family are just looking for a vacation from Florida’s more crowded beaches and theme parks, Florida’s freshwater offers something for everyone. | Bethany Augliere

8 | COMMENT: AFTER A DISASTER, SHOULD YOU GAMBLE ON RETURNING? PARADISE EDITION

Not much remains of Paradise, Calif., after the fast-moving and deadly Camp Fire scorched the area in November 2018. Today, the town is essentially gone, but the inevitable question remains: Should people rebuild in locations prone to such hazards? | John C. Mutter

68 | GEOLOGIC COLUMN: NEWSPEAK FOR KIDS

To make room for words from the brave new digital world, the editors of children’s dictionaries are culling words that describe the natural world. But if kids can’t put names to nature, how will they learn to love it enough to fight for its future? | Ward Chesworth
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