contents



Editor's Note: Considering the Sea Turtle Umwelt | 3 Meet the Turtles | 4

RESEARCH AND STATUS

Heat-Sensing Drones Open New Frontiers | 6 Minimum Data Standards Perform to the Maximum | 10 A New Coat of Paint for Sea Turtle RMUs | 12 Are Sea Turtles Getting Smaller? | 16

SPECIAL FEATURE

What's Holding Back the Leatherback? | 18 SWOT Feature Maps: Welcome to Planet Leatherback | 25 Map: Leatherback Turtle Satellite Telemetry | 27 Map: Nesting Biogeography of Leatherbacks | 28

POLICY AND ECONOMICS

Decolonizing Sea Turtle Conservation \mid 30

OUTREACH AND ACTION

Fishers and Turtles Navigate the Same Waters | **36** FAQ: How Do Sea Turtles Sense Their Environment? | **38** FAQ: What Are the Natural Predators of Sea Turtles? | **39**

THE SWOT TEAM

Acting Globally: SWOT Small Grants 2022 | 40 Living Legends of Sea Turtle Conservation | 44 SWOT Data Citations | 46 In Memoriam | 54 Authors and Affiliations | 56 Acknowledgments | 57

SWOT REPORT

EDITORIAL TEAM

Roderic B. Mast, *Chief Editor* Brian J. Hutchinson Patricia Elena Villegas Ashleigh Bandimere

DATA AND MAPS

Connie Kot, *Duke University* Andrew DiMatteo, *CheloniData, LLC* Ei Fujioka, *Duke University*

DESIGN

Miya Su Rowe, Rowe Design House

SCIENTIFIC ADVISORY BOARD CHAIR Bryan P. Wallace, Ecolibrium, Inc., and University of Colorado Boulder

SWOT The State of the World's Sea Turtles

To request a copy of the latest issue of *SWOT Report* or to make a tax-deductible contribution to SWOT, contact:

State of the World's Sea Turtles Oceanic Society P.O. Box 844 Ross, CA 94957 U.S.A.

+1-415-256-9604

office@oceanicsociety.org www.SeaTurtleStatus.org

Copyright 2023

FSC Certified 50% Recycled/ 25% Postconsumer Waste

Find Mr. Leatherback! How many times can you spot Mr. Leatherback's distinctive silhouette in this issue of SWOT Report? Check the SWOT website at www.SeaTurtleStatus.org for the correct answer!

THIS PAGE: © Tui De Roy / Roving Tortoise Photos