

Pacific Science

A Quarterly Devoted to the Biological and Physical Sciences of the Pacific Region

Volume 69 • Number 4 • October 2015

CONTENTS

- The Contemporary Scale and Context of Wildfire in Hawai'i
*Clay Trauernicht, Elizabeth Pickett, Christian P. Giardina, Creighton M. Litton,
Susan Cordell, and Andrew Beavers* 427
- Higher Soil Water Availability after Removal of a Dominant, Nonnative Tree
(*Casuarina equisetifolia* Forst.) from a Subtropical Forest
K. Hata, K. Kawakami, and N. Kachi 445
- Influence of Central Pacific Oceanographic Conditions on the Potential Vertical
Habitat of Four Tropical Tuna Species
*Alison L. Deary, Skye Moret-Ferguson, Mary Engels, Erik Zettler,
Gary Jaroslow, and Gorka Sancho* 461
- New Zealand Blue Whales: Residency, Morphology, and Feeding Behavior
of a Little-Known Population
*Paula A. Olson, Paul Ensor, Carlos Olavarria, Nadine Bott, Rochelle Constantine,
Jody Weir, Simon Childerhouse, Miranda van der Linde, Natalie Schmitt,
Brian S. Miller, and Michael C. Double* 477
- Spongivory in the Wakatobi Marine National Park, Southeast Sulawesi, Indonesia
Abigail Powell, Timothy Jones, David J. Smith, Jamaluddin Jompa, and James J. Bell 487
- Grapsoid and Gall Crabs (Crustacea: Brachyura: Grapsoidea and Cryptochiroidea)
of Easter Island
Christopher B. Boyko and Alyssa Liguori 509
-

(continued on following page)

CONTENTS (*continued*)

First Records of Striped Boarfish <i>Evistias acutirostris</i> and Ornate Butterflyfish <i>Chaetodon ornatissimus</i> from Easter Island <i>Sebastián Hernández, Michel García, Carlos F. Gaymer, and Alan M. Friedlander</i>	525
Reptile Remains from Tiga (Tokanod), Loyalty Islands, New Caledonia <i>Juan D. Daza, Aaron M. Bauer, Christophe Sand, Ian Lilley, Thomas A. Wake, and Frédérique Valentin</i>	531
Has the Small Indian Mongoose Become Established on Kaua‘i Island, Hawai‘i? <i>David C. Duffy, Daniela Dutra Elliott, Georgia M. Hart, Keren Gundersen, Joseph Aguon-Kona, Randy Bartlett, Jean Fujikawa, Patrick Gmelin, Cleve Javier, Larry Kanebolani, Tiffani Keanini, Joseph Kona, Julia Parish, Jay F. Penniman, and Aaron Works</i>	559
Index to Volume 69	567
Association Affairs	573