

Editorial

- 1 **IPBES: Opportunities and Challenges for SCB and Other Learned Societies**
Guy Pe'er, Jeffrey A. McNeely, Martin Dieterich, Bengt-Gunnar Jonsson, Nuria Selva,
John M. Fitzgerald, and Carsten Nesshöver

Conservation Practice and Policy

- 4 **Accelerating Adaptation of Natural Resource Management to Address Climate Change**
Molly S. Cross, Patrick D. McCarthy, Gregg Garfin, David Gori, and Carolyn A. F. Enquist
- 14 **Enhancing Conservation, Ecosystem Services, and Local Livelihoods through a Wildlife Premium Mechanism**
Eric Dinerstein, Keshav Varma, Eric Wikramanayake, George Powell, Susan Lumpkin, Robin Naidoo,
Mike Korchinsky, Christian Del Valle, Shubash Lohani, John Seidensticker, Dirk Joldersma,
Thomas Lovejoy, and Andrey Kushlin
- 24 **Graduate Student's Guide to Necessary Skills for Nonacademic Conservation Careers**
Jessica L. Blickley, Kristy Deiner, Kelly Garbach, Iara Lacher, Mariah H. Meek, Lauren M. Porensky,
Marit L. Wilkerson, Eric M. Winford, and Mark W. Schwartz

Review

- 35 **Scale Mismatches, Conservation Planning, and the Value of Social-Network Analyses**
Angela M. Guerrero, Ryan R. J. McAllister, Jonathan Corcoran, and Kerrie A. Wilson

Essays

- 45 **Integrating Paleobiology, Archeology, and History to Inform Biological Conservation**
Torben C. Rick and Rowan Lockwood
- 55 **Alternative Perspectives on the Sustainability of Alaska's Commercial Fisheries**
Philip A. Loring

Contributed Papers

- 64 **Costs and Benefits of Trap-Neuter-Release and Euthanasia for Removal of Urban Cats in Oahu, Hawaii**
Cheryl A. Lohr, Linda J. Cox, and Christopher A. Lepczyk
- 74 **Effects of Spatially Extensive Control of Invasive Rats on Abundance of Native Invertebrates in Mainland New Zealand Forests**
Wendy A. Ruscoe, Peter J. Sweetapple, Mike Perry, and Richard P. Duncan
- 83 **Evaluating Alternative Strategies for Minimizing Unintended Fitness Consequences of Cultured Individuals on Wild Populations**
Marissa L. Baskett and Robin S. Waples
- 95 **Lethal Effects of Water Quality on Threatened California Salamanders but Not on Co-Occurring Hybrid Salamanders**
Maureen E. Ryan, Jarrett R. Johnson, Benjamin M. Fitzpatrick, Linda J. Lowenstine,
Angela M. Picco, and H. Bradley Shaffer
- 103 **Variation with Land Use of Immune Function and Prevalence of Avian Pox in Galapagos Finches**
Maxine Zylberberg, Kelly A. Lee, Kirk C. Klasing, and Martin Wikelski
- 113 **Detecting Insect Pollinator Declines on Regional and Global Scales**
Gretchen Leubhn, Sam Droege, Edward F. Connor, Barbara Gemmill-Herren, Simon G. Potts,
Robert L. Minckley, Terry Griswold, Robert Jean, Emanuel Kula, David W. Roubik, Jim Cane,
Karen W. Wright, Gordon Frankie, and Frank Parker

- 121 **Assessment of Management to Mitigate Anthropogenic Effects on Large Whales**
Julie M. van der Hoop, Michael J. Moore, Susan G. Barco, Timothy V. N. Cole,
Pierre-Yves Daoust, Allison G. Henry, Donald F. McAlpine, William A. McLellan,
Tonya Wimmer, and Andrew R. Solow
- 134 **Incorporating Uncertainty of Management Costs in Sensitivity Analyses of Matrix
Population Models**
Yacov Salomon, Michael A. McCarthy, Peter Taylor, and Brendan A. Wintle
- 145 **Effects of Weighting Schemes on the Identification of Wildlife Corridors Generated with
Least-Cost Methods**
Sean A. Parks, Kevin S. McKelvey, and Michael K. Schwartz
- 155 **Linking Management Effectiveness Indicators to Observed Effects of Protected Areas on Fire
Occurrence in the Amazon Rainforest**
Christoph Nolte and Arun Agrawal
- 166 **Land Development in and around Protected Areas at the Wilderness Frontier**
Shawn J. Leroux and Jeremy T. Kerr
- 177 **Poaching Risks in Community-Based Natural Resource Management**
Jessica S. Kahler, Gary J. Roloff, and Meredith L. Gore
- 187 **Australian and U.S. News Media Portrayal of Sharks and Their Conservation**
Bret A. Muter, Meredith L. Gore, Katie S. Gledhill, Christopher Lamont, and Charlie Huvencers
- 197 **Population Trends in Pacific Oceanic Sharks and the Utility of Regulations on Shark Finning**
Shelley C. Clarke, Shelton J. Harley, Simon D. Hoyle, and Joel S. Rice
- 210 **Effects of Population Size on Singing Behavior of a Rare Duetting Songbird**
Sandra V. Valderrama, Laura E. Molles, and Joseph R. Waas
- 219 **Rapid Increases and Time-Lagged Declines in Amphibian Occupancy after Wildfire**
Blake R. Hossack, Winsor H. Lowe, and Paul Stephen Corn

Research Note

- 229 **Persistent Unequal Sex Ratio in a Population of Grayling (Salmonidae) and Possible Role
of Temperature Increase**
Claus Wedekind, Guillaume Evanno, Tamás Székely Jr., Manuel Pompini, Olivier Darbellay,
and Joachim Guthruf

Book Reviews

- 235 **Conservation Policy Classics, Reissued, Douglas A. Clark ■ Noted with Interest**

Erratum

238