

Editorial

- 895 **The “New Conservation”**
Michael Soulé

Letters

- 898 **The Anthropebo Effect**
Jennifer Jacquet
- 899 **Implications of Ash Dieback for Associated Epiphytes**
Christopher J. Ellis, Brian J. Coppins, Sally Eaton, and Janet Simkin

Reviews

- 902 **Contribution of Systematic Reviews to Management Decisions**
Carly N. Cook, Hugh P. Possingham, and Richard A. Fuller
- 916 **Reassessment of the Use of Fire as a Management Tool in Deciduous Forests of Eastern North America**
Glenn R. Matlack
- 927 **Shifting Baselines and The Extinction of The Caribbean Monk Seal**
Julio A. Baisre

Essays

- 936 **Use of Multicriteria Decision Analysis to Address Conservation Conflicts**
A. L. Davies, R. Bryce, and S. M. Redpath
- 945 **Application of the Anthropogenic Allee Effect Model to Trophy Hunting as a Conservation Tool**
Richard B. Harris, Rosie Cooney, and Nigel Leader-Williams
- 952 **Ecological Sustainability as the Fourth Landmark in the Development of Conservation Ethics**
Peter S. White and Julie P. Tuttle
- 958 **Practical Recommendations to Help Students Bridge the Research–Implementation Gap and Promote Conservation**
Diana M. Pietri, Georgina G. Gurney, Nancy Benitez-Vina, Audrey Kuklok, Sara M. Maxwell, Libby Whiting, Michael A. Vina, and Lekelia D. Jenkins

Contributed Papers

- 968 **Ability of Matrix Models to Explain the Past and Predict the Future of Plant Populations**
Elizabeth E. Crone, Martha M. Ellis, William F. Morris, Amanda Stanley, Timothy Bell, Paulette Bierzychudek, Johan Ehrlén, Thomas N. Kaye, Tiffany M. Knight, Peter Lesica, Gerard Oostermeijer, Pedro F. Quintana-Ascencio, Tamara Ticktin, Teresa Valverde, Jennifer L. Williams, Daniel F. Doak, Rengaiyan Ganesan, Kathryn McEachern, Andrea S. Thorpe, and Eric S. Menges
- 979 **Use of Large-Scale Acoustic Monitoring to Assess Anthropogenic Pressures on Orthoptera Communities**
Caterina Penone, Isabelle Le Viol, Vincent Pellissier, Jean-François Julien, Yves Bas, and Christian Kerbiriou
- 988 **Accounting for Complementarity to Maximize Monitoring Power for Species Management**
Ayesha I. T. Tulloch, Iadine Chadès, and Hugh P. Possingham

- 1000 **Effects of Errors and Gaps in Spatial Data Sets on Assessment of Conservation Progress**
P. Visconti, M. Di Marco, J. G. Álvarez-Romero, S. R. Januchowski-Hartley, R. L. Pressey,
R. Weeks, and C. Rondinini
- 1011 **Effects of Artificial Sand Fixing on Community Characteristics of a Rare Desert Shrub**
Huiliang Liu, Ye Tao, Dong Qiu, Daoyuan Zhang, and Yongkuan Zhang
- 1020 **Lichen Conservation in Heavily Managed Boreal Forests**
Richard Troy McMullin, Ian D. Thompson, and Steven G. Newmaster
- 1031 **Effects of Coffee Management on Deforestation Rates and Forest Integrity**
Kristoffer Hylander, Sileshi Nemomissa, Josefien Delrue, and Woldeyohannes Enkosa
- 1041 **Regional Ontogeny of New England Salt Marsh Die-Off**
Tyler C. Coverdale, Mark D. Bertness, and Andrew H. Altieri
- 1049 **Effects of an Invasive Plant on Population Dynamics in Toads**
Daniel A. Greenberg and David M. Green
- 1058 **Chytridiomycosis and Seasonal Mortality of Tropical Stream-Associated Frogs 15 Years
after Introduction of *Batrachochytrium dendrobatidis***
Andrea D. Phillott, Laura F. Grogan, Scott D. Cashins, Keith R. McDonald, Lee Berger, and
Lee F. Skerratt
- 1069 **Effects of Exurban Development and Temperature on Bird Species in the Southern
Appalachians**
Heather A. Lumpkin and Scott M. Pearson
- 1079 **Trophic Flexibility and the Persistence of Understory Birds in Intensively Logged Rainforest**
David P. Edwards, Paul Woodcock, Rob J. Newton, Felicity A. Edwards,
David J. R. Andrews, Teegan D. S. Docherty, Simon L. Mitchell, Takahiro Ota,
Suzan Benedick, Simon H. Bottrell, and Keith C. Hamer
- 1087 **Relation between Occupancy and Abundance for a Territorial Species, the California
Spotted Owl**
Douglas J. Tempel and R. J. Gutiérrez
- 1096 **Response of Neotropical Bat Assemblages to Human Land Use**
Rodrigo García-Morales, Ernesto I. Badano, and Claudia E. Moreno
- 1107 **Indirect Effects of Pandemic Deer Overabundance Inferred from Caterpillar-Host Relations**
Laura Wheatall, Tim Nuttle, and Ellen Yerger

Research Note

- 1117 **Providing Habitat for Native Mammals through Understory Enhancement in Forestry
Plantations**
Javier A. Simonetti, Audrey A. Grez, and Cristián F. Estades

Diversity

- 1122 **Roads as a Threat to the Serengeti Ecosystem**
R. Fyumagwa, E. Gereta, S. Hassan, J. R. Kideghesho, E. M. Kohi, J. Keyyu, F. Magige,
I. M. Mfunda, A. Mwakatobe, J. Ntalwila, J. W. Nyahongo, V. Runyoro, and E. Røskaft
- 1126 **How Good Science and Stories Can Go Hand-In-Hand**
Heather M. Leslie, Erica Goldman, Karen L. McLeod, Leila Sievanen,
Hari Balasubramanian, Richard Cudney-Bueno, Amanda Feuerstein, Nancy Knowlton,
Kai Lee, Richard Pollnac, and Jameal F. Samhour

Book Reviews

- 1130 **Methods for Indigenous Land-Use and Occupancy Mapping**, Amanda H. Lynch ■ Noted
with Interest