

The American Naturalist

Mark A. McPeck, Editor-in-Chief, Dartmouth College

Donald L. DeAngelis, Editor, U.S. Geological Survey and University of Miami

Ruth G. Shaw, Editor, University of Minnesota

Craig W. Benkman, Natural History Editor, University of Wyoming

EDITORIAL BOARD

David D. Ackerly, *University of California, Berkeley*
Elizabeth Adkins-Regan, *Cornell University*
Frederick R. Adler, *University of Utah*
Priyanga Amarasekare, *University of California, Los Angeles*
Maydianne C. B. Andrade, *University of Toronto Scarborough*
Göran Arnqvist, *University of Uppsala*
Tia-Lynn Ashman, *University of Pittsburgh*
Charles F. Baer, *University of Florida*
Uta Berger, *Dresden University of Technology*
Benjamin Bolker, *University of Florida*
Daniel I. Bolnick, *University of Texas at Austin*
Janette W. Boughman, *University of Wisconsin, Madison*
Edmund D. Brodie III, *University of Virginia*
Judith L. Bronstein, *University of Arizona*
Armando Caballero, *Universidad de Vigo*
Steven L. Chown, *University of Stellenbosch*
Andrew Clarke, *British Antarctic Survey, Cambridge*
Blaine J. Cole, *University of Houston*
Tim Coulson, *Imperial College, Silwood Park*
Ross H. Crozier, *James Cook University*
Gregory E. Demas, *Indiana University*
Claire de Mazancourt, *Imperial College, Silwood Park*
Kathleen Donohue, *Harvard University*
Robert Dudley, *University of California, Berkeley*
Greg Dwyer, *University of Chicago*
Christopher G. Eckert, *Queen's University*
Santiago F. Elena, *Consejo Superior de Investigaciones Científicas*
Elizabeth Elle, *Simon Fraser University*
James D. Fry, *University of Rochester*
Greg Gibson, *North Carolina State University*
George W. Gilchrist, *College of William and Mary*
Volker Grimm, *UFZ Centre for Environmental Research Leipzig-Halle*
Stephen B. Heard, *University of New Brunswick*
Michael E. Hellberg, *Louisiana State University*
Carol C. Horvitz, *University of Miami*
Lynne D. Houck, *Oregon State University*

Patricia L. Morse, *Managing Editor*

The American Naturalist (ISSN 0003-0147) is published monthly by The University of Chicago Press, 1427 E. 60th Street, Chicago, Illinois 60637. Manuscripts and editorial correspondence should be addressed to the Managing Editor, *The American Naturalist*, University of Chicago Press, 1427 E. 60th Street, Chicago, Illinois 60637. Additional information may be obtained at:
<http://www.journals.uchicago.edu/AN/home.html>.

Subscriptions to *The American Naturalist* may be ordered from, and remittance should be made payable to, *The American Naturalist*. Subscription rates for 2009 are \$602 for institutions (print + electronic) and \$40 for individuals (electronic-only, concurrent with membership in the American Society of Naturalists; print edition available to U.S. members for an additional \$40 per year and to non-U.S. members for \$70 per year). For additional rates, including single-copy rates, reduced rates for students and retirees, and rates for print-only and electronic-only subscriptions, please visit www.journals.uchicago.edu/AN/. Free or deeply discounted access is available to readers in most developing nations through the Chicago Emerging Nations Initiative (www.journals.uchicago.edu/ceni/).

Please direct subscription inquiries, back-issue requests, and address changes to The University of Chicago Press, Journals Division, P.O. Box 37005, Chicago, IL 60637. Telephone: (773) 753-3347 or toll-free in the United States and Canada (877) 705-1878. Fax: (773) 753-0811 or toll-free (877) 705-1879. E-mail: subscriptions@press.uchicago.edu.

Jukka Jokela, *EAWAG/ETH-Zürich*
Susan Kalisz, *University of Pittsburgh*
Matt J. Keeling, *University of Warwick*
Ellen D. Ketterson, *Indiana University*
Christopher A. Klausmeier, *Michigan State University*
Martin J. Lechowicz, *McGill University*
Mathew A. Leibold, *University of Texas at Austin*
Marc Mangel, *University of California, Santa Cruz*
John L. Maron, *University of Montana*
Justin Marshall, *University of Queensland*
Yannis Michalakis, *CNRS-IRD, Montpellier*
Wolf M. Mooij, *Netherlands Institute of Ecology*
Allen J. Moore, *University of Exeter, Cornwall*
Peter J. Morin, *Rutgers—The State University*
Michael G. Neubert, *Woods Hole Oceanographic Institution*
Nipam H. Patel, *University of California, Berkeley*
Tommaso Pizzari, *University of Oxford*
Anna Qvarnström, *University of Uppsala*
Susanne S. Renner, *University of Missouri—St. Louis*
David N. Reznick, *University of California, Riverside*
Sean H. Rice, *Texas Tech University*
Daniel L. Roelke, *Texas A&M University*
Pej Rohani, *University of Georgia*
Axel G. Rossberg, *International Institute for Applied Systems Analysis*
Locke Rowe, *University of Toronto*
Ben Sheldon, *University of Oxford*
Thomas N. Sherratt, *Carleton University*
Andrew Solow, *Woods Hole Oceanographic Institution*
Diane S. Srivastava, *University of British Columbia*
Scott J. Steppan, *Florida State University*
Erik Svensson, *Lund University*
Peter D. Taylor, *Queen's University*
Egbert H. van Nes, *Wageningen University*
David Waxman, *University of Sussex*
Franz J. Weissing, *University of Groningen*
Stuart West, *Edinburgh University*
John J. Wiens, *Stony Brook University*

Rob C. Blixt and Philip Banning, *Editorial Assistants*

Periodicals postage paid at Chicago, Illinois, and at additional mailing office.

POSTMASTER: Send address changes to *The American Naturalist*, The University of Chicago Press, Journals Division, P.O. Box 37005, Chicago, Illinois 60637.

Permissions: Articles may be copied or otherwise reused without permission only to the extent permitted by Sections 107 and 108 of the U.S. Copyright Law. Permission to copy articles for personal, internal, classroom, or library use may be obtained from the Copyright Clearance Center (www.copyright.com). For all other uses, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale, please contact Permissions Coordinator, Journals Division, The University of Chicago Press, 1427 E. 60th Street, Chicago, Illinois 60637, USA; fax: (773) 834-3489. E-mail: journalpermissions@press.uchicago.edu. Articles in the public domain may be used without permission, but it is customary to contact the author.

The paper used in this publication meets the minimum requirements of American National Standard for Information Sciences—Permanence of Paper for Printed Library Materials. ANSI Z39.48-1984. ©™

The American Naturalist is printed on cover stock containing 100% post-consumer waste and text stock containing 10% postconsumer waste.

© 2009 by The University of Chicago. All rights reserved.