



Ecology
ISSN 0012-9658 Monthly



[current issue](#)

[available issues](#)

[preprints](#)

Mission Statement: *Ecology* publishes articles that report on the basic elements of ecological research. Emphasis is placed on concise, clear articles documenting important ecological phenomena. The journal publishes a broad array of research that includes a rapidly expanding envelope of subject matter, techniques, approaches, and concepts: paleoecology through present-day phenomena; evolutionary, population, physiological, community, and ecosystem ecology, as well as biogeochemistry; inclusive of descriptive, comparative, experimental, mathematical, statistical, and interdisciplinary approaches.

Established in 1920, *Ecology* publishes research and synthesis papers on all aspects of ecology, with particular emphasis on papers that develop new concepts in ecology, that test ecological theory, or that lead to an increased appreciation for the diversity of ecological phenomena. Theoretical, analytical, experimental, empirical, historical, and descriptive approaches are all appropriate, though preference is given to research and synthesis that leads to generalizations potentially applicable to other species, populations, communities, or ecosystems. Included within the journal are papers on physiological responses of individual organisms to their biotic and abiotic environments, ecological genetics and evolution, the structure and dynamics of populations, interactions among individuals of the same or different species, the behavior of individuals and groups of organisms, the organization of biological communities, landscape ecology, and ecosystems processes. Papers reporting ecological research on all kinds of organisms and ecosystems are welcome. New methodologies with a potential for broad use in ecology are also of interest. Papers that are well grounded in ecological theory and have broad implications for environmental policy or resource management may be well suited for publication in *Ecological Applications*, but are also welcome in *Ecology* if they meet the general criteria described above.

Ecology is publishing more concise papers than has been the tradition for this journal. Concise publications yield increased interest, allow a greater number of papers and topics to appear in the journal, and provide greater content per page printed. The number and average length of Articles published in *Ecology* is decreasing, and the number of [Reports](#) is increasing. Many publications conceived in the past as Articles will hence forth be cast as Reports, with an average length of 5-6 printed pages (one printed page equals roughly 3.5 manuscript pages, inclusive of tables and figures). Our goal is to publish Reports within one year of submission. Articles and Concepts and Synthesis papers will continue to be published in *Ecology*, but these will be shorter than the average Article of the past. Authors will designate portions of their manuscript as digital supplements to appear in the *Ecological Archives* and be directly linked to the publication in the on-line version of the journal.

Papers must be original and not be work previously published in the primary literature. This does not mean that reanalysis, interpretation, or assessment of published data is in any way excluded from our journals. Some forms of prior gray literature publication are acceptable, and the decision rests with the judgment of the Subject-matter editors. We will consider for review manuscripts that concisely describe interesting science, and we do not discriminate against dissertation or thesis research. However, we do not republish dissertations per se, and most

dissertation/thesis chapters require considerable editing and pruning before they are appropriate for our journals. In nearly all cases, dissertations are readily available, and the raw data, methods, and other detail can form a basis for citation. The Subject matter editor makes the judgment about issues of novelty in manuscripts.

Editor-in-Chief

Donald R. Strong

Section of Evolution & Ecology
University of California
Davis, CA 95616
Phone: 530 752-7886
Email: eicesa@ucdavis.edu

Associate Editors-in-Chief

[Aaron M. Ellison](#) - Harvard Forest

[Joseph B. Yavitt](#) - Cornell University

Ecological Archives Editor

[William K. Michener](#) - University of New Mexico

Book Review Editor

[Janet Lanza](#) - University of Arkansas, Little Rock

Subject Matter Editors

Lynn S. Adler	University of Massachusetts - Amherst
Peter Alpert	University of Massachusetts - Amherst
Michael F. Antolin	Colorado State University
John P. Y. Arnould	Deakin University
Richard B. Aronson	Florida Institute of Technology
John Battles	University of California - Berkeley
Steven R. Beissinger	University of California - Berkeley
Elizabeth T. Borer	University of Minnesota
Anne M. Bronikowski	Iowa State University
Emilio Bruna	University of Florida
John F. Bruno	University of North Carolina - Chapel Hill
Bradley J. Cardinale	University of California - Santa Barbara
Mark Carr	University of California - Santa Cruz
Walter P. Carson	University of Pittsburgh
Brenda Casper	University of Pennsylvania
Jeannine M. Cavender-Bares	University of Minnesota
Evan Cooch	Cornell University
Richard T. Corlett	National University of Singapore
Kathryn Cottingham	Dartmouth College
Elizabeth Crone	University of Montana
James T. Cronin	Louisiana State University
Randy A. Dahlgren	University of California - Davis
Todd E. Dawson	University of California - Berkeley
Andr M. de Roos	University of Amsterdam
M. Denise Dearing	University of Utah
Daniel F. Doak	University of Wyoming
F. Stephen Dobson	Auburn University
Lisa Donovan	University of Georgia

Martin W. Doyle	University of North Carolina
Jane Elith	University of Melbourne
R. David Evans	Washington State University
Marco Festa-Bianchet	University of Sherbrooke
Stuart Findlay	Institute of Ecosystem Studies
Alexander S. Flecker	Cornell University
Marie-Jose Fortin	University of Toronto
Janet Franklin	Arizona State University
Serita D. Frey	University of New Hampshire
Gregory S. Gilbert	University of California - Santa Cruz
Nicholas J. Gotelli	University of Vermont
Laura Gough	University of Texas - Arlington
Michael H. Graham	Moss Landing Marine Laboratories
Russell S. Greenberg	Smithsonian Migratory Bird Center
Edwin D. Grosholz	University of California - Davis
Fangliang He	University of Alberta
Hugh Henry	University of Western Ontario
Carlos M. Herrera	Consejo Superior de Investigaciones Cientificas (CSIC)
Helmut Hillebrand	Carl-von-Ossietzky University Oldenburg
Mark A. Hixon	Oregon State University
J. Nathaniel Holland	Rice University
David A. Holway	University of California - San Diego
Feng Sheng Hu	University of Illinois
Jef Huisman	University of Amsterdam
Brian D. Inouye	Florida State University
Rebecca E. Irwin	Dartmouth College
Julia Jones	Oregon State University
Bruce Kendall	University of California - Santa Barbara
John N. Klironomos	University of British Columbia - Okanagan
Walter D. Koenig	Cornell University
Peter M. Kotanen	University of Toronto
Burt P. Kotler	Ben-Gurion University of the Negev
Conrad C. Labandeira	Smithsonian Institution
Kevin Lafferty	USGS/University of California - Santa Barbara
Michael Lavine	University of Massachusetts - Amherst
Sharon P. Lawler	University of California - Davis
Peter R. Leavitt	University of Regina
Martin J. Lechowicz	McGill University
Jonathan M. Levine	University of California - Santa Barbara
Andrea Lloyd	Middlebury College
L. Philip Lounibos	Florida Medical Entomology Lab
Robert J. Marquis	University of Missouri - St. Louis
Frederick C. Meinzer	USDA Forest Service
Randall J. Mitchell	University of Akron
Steven G. Morgan	Bodega Marine Laboratory
Douglas W. Morris	Lakehead University

Paul P. Mou	Beijing Normal University
Rose-Marie Muzika	University of Missouri
Ken Brian Newman	US Fish and Wildlife Service
Madan K. Oli	University of Florida
Debra P. C. Peters	USDA Agricultural Research Service
Kenneth F. Raffa	University of Wisconsin - Madison
Robert A. Raguso	Cornell University
Peter T. Raimondi	University of California - Santa Cruz
John D. Reeve	Southern Illinois University
Matthias C. Rillig	Freie Universitt Berlin
Jay R. Rooker	Texas A&M University
Barbara A. Roy	University of Oregon
Roger W. Ruess	University of Alaska
Nathan J. Sanders	University of Tennessee
Orlando Sarnelle	Michigan State University
John R. Sauer	USGS
Daniel E. Schindler	University of Washington
Sebastian Schreiber	University of California - Davis
Alan L. Shanks	University of Oregon
Stephen J. Simpson	University of Sydney
Felisa A. Smith	University of New Mexico
William E. Snyder	Washington State University
William V. Sobczak	Holy Cross College
Douglas C. Speirs	University of Strathclyde
Diane S. Srivastava	University of British Columbia
John J. Stachowicz	University of California - Davis
Peter Steinberg	University of New South Wales
Thomas J. Stohlgren	USGS
Lewi Stone	Tel Aviv University
Daniel Tompkins	Landcare Research
Nora Underwood	Florida State University
Mark C. Urban	University of Connecticut
Thomas J. Valone	St. Louis University
Geerat Vermeij	University of California - Davis
Helene Wagner	University of Toronto
David Wardle	Swedish University of Agricultural Sciences
Jacob Weiner	Royal Veterinary and Agricultural University
David G. Williams	University of Wyoming
Tony D. Williams	Simon Fraser University
Michael C. Wimberly	South Dakota State University
Kirk O. Winemiller	Texas A&M University
Heiko U. Wittmer	Victoria University of Wellington
Lorne M. Wolfe	Georgia Southern University
Kerry Woods	Bennington College
Truman P. Young	University of California - Davis
Richard K. Zimmer	University of California - Los Angeles

ESA Staff Directory

1990 M Street NW, Suite 700, Washington, DC 20036 (see map)

general inquires: (202) 833-8773, (202) 833-8775

- Executive Director: Katherine S. McCarter (ext. 206)
- Chief Financial Officer: Elizabeth Biggs (ext. 203)
- Associate Director, Information Systems: Thet K. Oo (ext. 204)
- Administrative Assistant/Governance: Monica Kanojia (ext. 201)
- Finance & Accounting Associate: Win May Kyaw (ext. 208)
- Meetings Planner: Michelle Horton (ext. 219)
- Meetings Assistant: Tricia Crocker (ext. 226)
- Membership/Database Manager: Lilly Schwartz (ext. 216)
- Marketing and Advertising Manager: Eric Gordon (ext. 229)
- Development Intern: Isida Tushe (ext. 238)
- Webmaster: Zaw Aung (ext. 210)

Public Affairs Office

- Director: Nadine Lymn (ext. 205)
- Science Policy Analyst: Terence Houston (ext. 224)
- Communications Officer: Katherine Kline (ext. 211)

Science Office

- Director: Dr. Clifford Duke (ext. 202)
- Science Programs Manager: Jill Petraglia Parsons (ext. 209)
- Science Programs Coordinator: Jennifer Riem (ext. 218)

Education and Diversity Programs Office

- Director: Teresa Mourad (ext. 234)
- Diversity Programs Manager: Melissa Armstrong
- Diversity Programs Coordinator: Charlee Glenn (ext. 235)
- Urban Education Programs Coordinator : Lina Oliveros (ext. 236)
- Education Intern: Meghan McAvoy (ext. 240)
- Education SEEDS Intern: Torreka Jordan (ext. 239)

Frontiers in Ecology and the Environment

- Editor in Chief: Sue Silver (ext. 233)
- Assistant Editor: Ken Ferguson (ext. 215)
- Assistant Editor: Peter Mooreside (ext. 217)
- Advertising and Marketing Manager: Eric T. Gordon (ext. 229)
- Frontiers intern: Sharon Bowen (ext. 207)

Publications Office

127 West State St., Suite 301, Ithaca, NY 14850-5427

general inquires: (607) 255-3221 (607) 273-3294

- Managing Editor: J. David Baldwin

- Associate Data Editor: Jane L. Bain
- Associate Technical Editor: Gail Blake
- Office Assistant: Heather Carlo
- Associate Managing Editor/Ecosphere: Ellen Cottern/a
- Office Assistant Timothy Froehlich
- Associate Managing Editor: David Gooding
- Copy Editor: Dooley Kiefer
- Copy Editor: Rachel Lodder
- Editor Emeritus: Lee Miller
- Graphics/Production Editor: Regina Przygocki
- Office Manager: Jane Shaw
- Technical Editor: Margaret Shepard
- Copy Editor: Nancy Sorrells
- Editorial Assistant: Linda Stoddard
- Publications Coordinator: Anne Marie Whelan