Ecological Restoration

Volume 18 Number 2 Summer 2000

Formerly
Restoration &
Management
Notes

Published for the University of Wisconsin– Madison Arboretum



Teaching Environmental Restoration

Ecological Restoration in Wilderness
Beavers in Riparian Restoration
Silvopastoral Agroforestry
Rainfall Catchments for Restoration in Mojave Desert
Environmental Art and Restoration

EDITORIAL ADVISORY BOARD

Peter Bowler

Department of Ecology and Evolutionary Biology University of California-Irvine

Tom Chase

Long Point Wildlife Refuge Oak Bluffs, MA

J. Ronald Engel

Department of Social Ethics Meadville/Lombard Theological Seminary Chicago, IL

Donald Field

School of Natural Resources University of Wisconsin-Madison

Marylee Guinon

Sycamore Associates, Lafayette, CA

Karen Rodriguez

U.S. Environmental Protection Agency Chicago, IL

Jim MacMahon

College of Sciente Utah State University, Logan, UT

Leo Marx

Program in Science, Technology and Society Massachusetts Institute of Technology Cambridge, MA

Darrel Morrison

School of Environmental Design University of Georgia, Athens, GA

Steve Packard

Chicago Wilderness Program Northbrook, IL

Leslie Sauer

Andropogon Associates, Philadelphia, PA

Kevin Short

Inzai-machi, Chiba-Ken, Japan

Ecological Restoration (ISSN 1522-4740) is published quarterly by the University of Wisconsin Press, 2537 Daniels St., Madison, WI 53718-6772. Periodicals postage pending at Madison, WI and at additional mailing offices.

Subscriptions: \$35 individuals (please pre-pay); \$100 institutions. Foreign subscribers please add \$8; \$11 if air-mail delivery is desired. All correspondence regarding subscriptions, advertising, and related matters should be sent to: Journal Division, 2537 Daniels St., Madison, WI 53718, U.S.A.

Members of the Society for Ecological

Members of the Society for Ecological Restoration receive *Ecological Restoration* as a privilege of membership. Membership rates are \$60 (individual); \$40 (student); \$100 (business): and \$130 (library/government).

POSTMASTER: Send address changes to Ecological Restoration, 2537 Daniels St., Madison, WI 53718-6772.

Nature rejoices in nature, nature subdues nature, nature rules over nature.

Democritus, cited in *The Psychology of Rebirth*, C.G. Jung

Senior Editor: William R. Jordan III

Editor: David Egan

Editorial Assistant: Mary Ann Pels

Proofreader: Julie Hayward

Arboretum Director: Gregory D. Armstrong

Chair, Society of Ecological Restoration: Elizabeth Read

Graphic Arts: Kevin Ducey

Ecological Restoration is published quarterly by the University of Wisconsin Press. © by the Board of Regents of the University of Wisconsin System. No part of this publication may be reproduced without the written consent of the Editor. Requests for reprints of an article or illustration should be made directly to the Journal Division, UW Press.

Contributions are welcome and should be sent the Editor, UW Arboretum, 1207 Seminole Highway, Madison, WI 53711 (608) 262-9591, e-mail: ecorest@mhub. facstaff.wisc.edu. Instructions to contributors are printed at the back of each issue.

Authorization to photocopy items for personal use, or the internal or personal use of specific clients, is granted by the Board of Regents of the University of Wisconsin System for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of \$1.50 per copy is paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923. *Ecological Restoration* is indexed in AGRICOLA.

Ecological Restoration serves the Society for Ecological Restoration, an international organization of restorationists. They can be contacted at 1955 W. Grant Road #150, Tucson, AZ 85745, U.S.A., phone (520) 622-5485, fax (520) 622-5491, e-mail: info@ser.org.

Advertising: Call (608) 224-3884 for current rates.

Note: The editors of *Ecological Restoration* would like to alert readers that while many of our nursery advertisers sell only seeds and plants native to their region, some others may sell non-native species or native species from outside their region. While we try to be selective about our advertisers and want to promote the use of local native plants, we cannot guarantee the authenticity of propagules from any nursery. Therefore, we recommend that you talk with nursery operators if you have any questions about the source of seeds or plants for your restoration project. Similarly, references to products by brandname or trademark does not imply an endorsement by the editors or publishers of this journal.

Cover Photo: Students in a course offered by the Waterways Restoration Institute in partnership with the University of California-Berkeley and UC-Davis at work on a planting site where a culvert was recently converted to a stream channel. The attempt to get students out into the field for hands-on experience with practitioners was appreciated by students and led to some insights into the challenge of bridging the gap between academia and restoration practice. For an account of the project, see the article by Ann Riley and Mark Spencer beginning on page 104. Photo courtesy Ann Riley