

CURRICULUM VITAE

PETER ALDRICH BOWLER

Faculty Web Page: <http://ecoevo.bio.uci.edu/Faculty/Bowler/Bowler.html>

EDUCATION: 1970 B.A., Bard College
1974 Ph.D. in Biological Sciences, University of California, Irvine

ACADEMIC POSITION AT UCI:

Senior Lecturer, Department of Ecology and Evolutionary Biology UCI
(Twenty eight years of teaching experience at UCI after graduate teaching)

1997 Outstanding Professor in Biological Sciences (for 1997; awarded by the Associated Students of UCI)
1998 Most Outstanding Professor in the School of Biological Sciences, awarded by the Dean of Undergraduate Studies
2001 Outstanding Professor in Biological Sciences (for 2001; awarded by the Associated Students of UCI)
2003 Outstanding Professor in Biological Sciences (for 2003; awarded by the Associated Students of UCI)
2003 Excellence in Teaching Award
2004 Professor of the Month Teaching Award
2005 Outstanding Professor in Biological Sciences (for 2005; awarded by the Associated Students of UCI)

Examples of Courses Taught at UCI

School of Biological Sciences

Desert Ecosystems
Western Water Problems
Senior Seminar in Global Sustainability
Horticultural Science
Field Ecology
Environmental Ethics
Applied Conservation Biology
Restoration Ecology
Limnology and Freshwater Biology
Mediterranean Ecosystems
Senior Seminar/ Global Sustainability
Horticultural Science
Biodiversity and Conservation
Conservation, Ecology and Evolutionary Biology
Global Conservation Biology

School of Social Ecology

Natural Disasters
Introduction to Environmental Analysis
Peoples, Cultures and Environmental Sustainability
Environmental Ethics & the American Lands
Topics in Applied Ecology
Environmental Ethics
Field Study
Environmental Analysis
Directed Study
Special Study

AREAS OF CURRENT RESEARCH INTERESTS:

Open space conservation and management; mitigation and habitat restoration especially of coastal sage scrub and freshwater wetlands; the freshwater molluscan fauna of the Middle Snake River; chemical ecology of lichens; environmental ethics.

SELECTED RECENT PUBLICATIONS:

Bowler, P.A. 1999. Non-native and Native Vascular Plant Congeners: Sympatric without a (Natural) Cause. *Crossosoma* 25(2): 73-82.

Bowler, P.A. 2000. Preserving the Higher Aims of Restoration: Toward Transpersonal Restorations. Pp.287-288. *in* Keeley, Jon E., M. Baer-Keeley, and C.J. Fotheringham (eds). 2nd Interface Between Ecology and Land Development in California. U.S. Geological survey Open - File Report 00-62. Sacramento, California.

Bowler, P.A. 2000. Ecological Restoration of Coastal Sage Scrub and Its Potential Role in Habitat Conservation Plans. *Environmental Management* 26: S85-S96.

Bowler, P.A. and C.H. Hager. 2000. The ethics of plant and animal salvage in ecological restoration. *Ecological Restoration* 18(4): 262-263.

Hartig, T., F.G. Kaiser, and P.A. Bowler. 2001. Psychological restoration in nature as a positive motivation for ecological behavior. *Environment and Behavior* 33(4): 590-607.

Bowler, P.A. and D. Bramlet. 2002. Vascular plants of the University of California, Irvine Ecological Preserve. *Crossosoma* 28(2): 27-49.

Riefner, R.E., Jr., C. Wishner, P.A. Bowler and T.W. Mulroy. 2003. Rock-inhabiting lichens and biological crusts enhance recruitment success of rare *Dudleya* species (Crassulaceae) in Southern California. *Crossosoma* 29: 1-34.

Bowler, P.A. and M.E. Elvin. 2003. The vascular plant checklist for the University of California Natural Reserve System's San Joaquin Freshwater Marsh Reserve. *Crossosoma* 29(2): 45-66.

Bowler, P.A. and J. Marsh. 2004. *Niebla*. Pp. 368 – 380. *In*: Nash, T.W. III, B.D. Ryan, P. Diederich, and F. Bungartz. Lichen Flora of the Greater Sonoran Desert Region. Volume II. Lichens Unlimited, Arizona State University, Tempe, Arizona.

Talluto, M.V., K. N. Suding, and P.A. Bowler. 2005. Factors affecting understory establishment in coastal sage scrub restoration. *Madrono* 53(1): 55-59.

