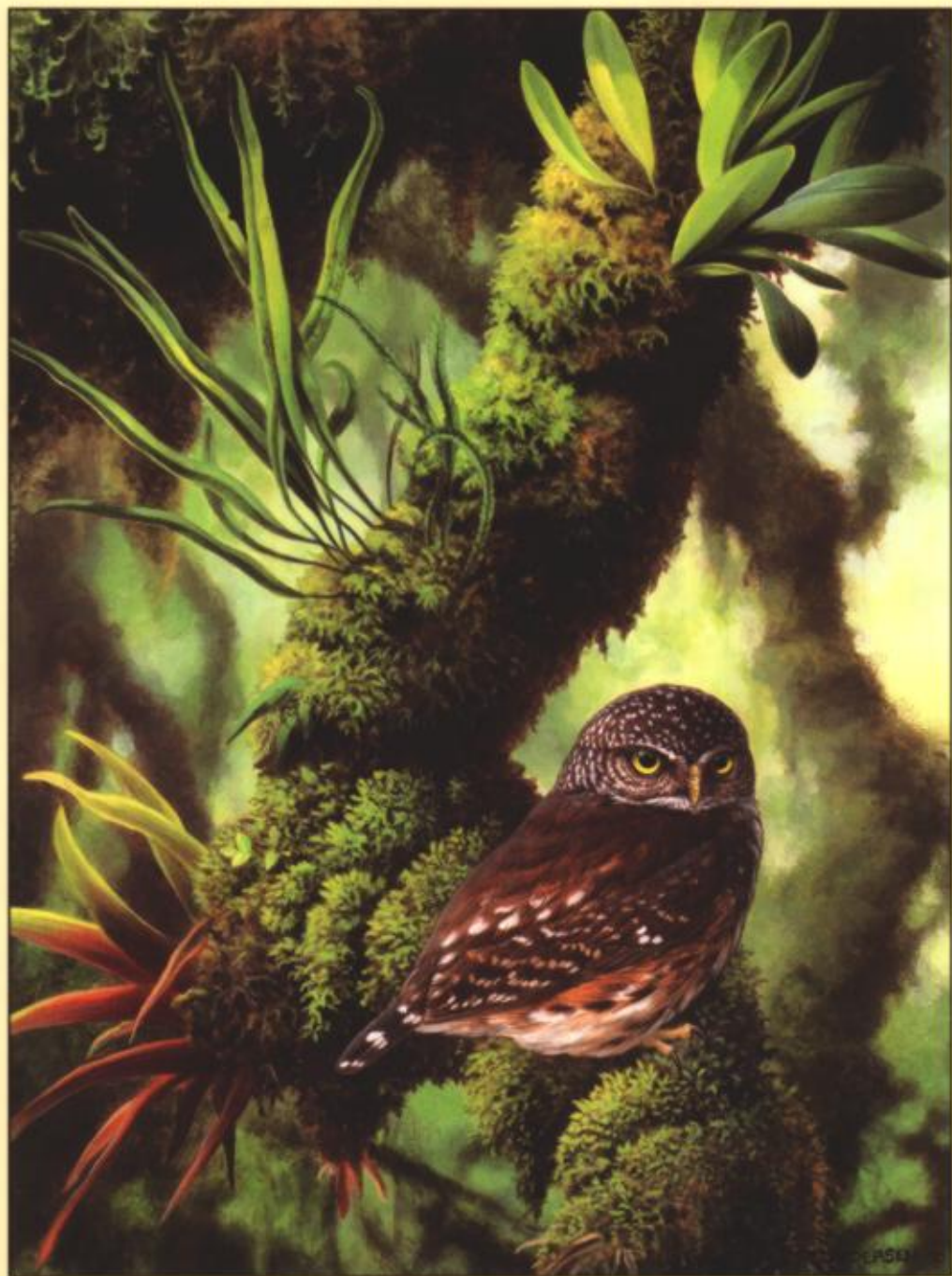


The Auk

Vol. 116 No. 2 April 1999



PUBLISHED BY

THE AMERICAN ORNITHOLOGISTS' UNION



A Quarterly Journal of Ornithology Published by the American Ornithologists' Union

Editor: THOMAS E. MARTIN, *Montana Cooperative Wildlife Research Unit,
University of Montana, Missoula, Montana 59812, USA*

Managing Editor: JEFFREY S. MARKS

Editorial Assistant: ALISON E. H. PERKINS

Phone: 406-243-6389

FAX: 406-243-6064

E-mail: auk@selway.umt.edu

Editorial Board

- | | |
|--|---|
| TODD W. ARNOLD, <i>Delta Waterfowl Foundation</i> | BETTE A. LOISELLE, <i>University of Missouri</i> |
| ALLAN J. BAKER, <i>Royal Ontario Museum</i> | ROBERT D. MONTGOMERIE, <i>Queen's University</i> |
| KEITH L. BILDSTEIN, <i>Hawk Mountain Sanctuary</i> | FRANK R. MOORE, <i>University of Southern Mississippi</i> |
| CARLOS BOSQUE, <i>Universidad Simon Bolivar</i> | STEPHEN I. ROTHSTEIN, <i>University of California</i> |
| JEFFREY D. BRAWN, <i>Illinois Natural History Survey</i> | JAMES S. SEDINGER, <i>University of Alaska</i> |
| ETIENNE DANCHIN, <i>Universite Pierre et Marie Curie</i> | FREDERICK H. SHELDON, <i>Louisiana State University</i> |
| KENNETH P. DIAL, <i>University of Montana</i> | JEFFREY R. WALTERS, <i>Virginia Tech University</i> |
| MORNÉ DU PLESSIS, <i>Percy Fitzpatrick Institute</i> | WESLEY W. WEATHERS, <i>University of California</i> |
| JAN EKMAN, <i>Uppsala University</i> | JOHN C. WINGFIELD, <i>University of Washington</i> |
| DONALD E. KROODSMA, <i>University of Massachusetts</i> | ROBERT M. ZINK, <i>University of Minnesota</i> |

Book Review Editor

CARL D. MARTI, *Department of Zoology, Weber State University, Ogden, Utah 84408, USA*

Membership, Subscription, and Correspondence

Persons interested in birds are invited to join the American Ornithologists' Union. Dues are \$42 per year; student memberships are \$20. Membership is \$20 for persons in all countries *except* the United States, Canada, Israel, Japan, Australia, New Zealand, and the following Western European countries: Iceland, Norway, Sweden, Finland, Denmark, Germany, The Netherlands, Belgium, Luxembourg, France, the United Kingdom, Ireland, Switzerland, Austria, Italy, Spain, and Portugal. All members receive *The Auk*, and North American members receive a bimonthly *Ornithological Newsletter*. Subscription price to institutions is \$70. A Life Membership is \$1,260, paid in one sum or four annual installments of \$315. Gifts of any amount for the Endowment Fund are welcome and should be sent to the Treasurer (see last page). The following major donation categories are recognized: Sponsor (\$1,000), Patron (\$3,000), Benefactor (\$10,000), and Guarantor (\$25,000). The names of Sponsors, Patrons, Benefactors, and Guarantors are inscribed in perpetuity in the AOU records. Gifts to the AOU are tax deductible to the extent permitted by law.

Send requests for information concerning membership, advertising, and back issues to the Treasurer. Information about, or orders for, *Ornithological Monographs* and other special publications should be sent to: Max C. Thompson, Assistant to the Treasurer, Department of Biology, Southwestern College, Winfield, Kansas 67156. Communications also may be routed through the AOU's permanent address: Division of Ornithology, National Museum of Natural History, Washington, D.C. 20560.

Send change of address, payment of dues, subscription requests, and requests for undelivered issues to: Ornithological Societies of North America (OSNA), P.O. Box 1897, Lawrence, Kansas 66044-8897. *The Auk* (ISSN 0004-8038) is published quarterly (January, April, July, and October) by the American Ornithologists' Union, 810 East 10th Street, Lawrence, Kansas 66044-8897. Periodicals postage is paid at Lawrence, Kansas. POSTMASTER: Send address changes to *The Auk*, P.O. Box 1897, Lawrence, Kansas 66044-8897. Copyright 1999 by The American Ornithologists' Union. All material in this journal may be copied for the noncommercial purpose of educational or scientific advancement without the need to seek permission. **See last page for instructions to contributors.**

Cover: Adult *Glaucidium nubicola* sp. nov., Cloud-forest Pygmy-Owl, from the Pacific slope of the western Andes of Colombia and Ecuador. See Robbins and Stiles, pages 305–315. Painting of the holotype by Tracy D. Pedersen.