

# ORNITOLOGIA NEOTROPICAL



An International Journal of Neotropical Ornithology  
published by  
THE NEOTROPICAL ORNITHOLOGICAL SOCIETY

---

Volume 14

2003

No. 2

---

## CONTENTS

### ARTICLES

- DISTRIBUTION, NATURAL HISTORY AND CONSERVATION OF THE BLACK-AND-WHITE MONJITA (*HETEROXOLMIS DOMINICANA*) IN ARGENTINA, A SPECIES VULNERABLE TO EXTINCTION. *Rosendo M. Fraga*. ..... 145
- BIOGEOGRAPHY AND TAXONOMY OF *LAFRESNAYA* (TROCHILIDAE), WITH A NEW SUBSPECIES FROM COLOMBIA. *K.-L. Schuchmann, A.-A. Weller & E. Wulfmeyer*. .. 157
- THE FEEDING ECOLOGY AND DIGESTIVE TRACT MORPHOMETRY OF TWO SYMPATRIC TINAMOUS OF THE HIGH PLATEAU OF THE BOLIVIAN ANDES: THE ORNATE TINAMOU (*NOTHOPROCTA ORNATA*) AND THE DARWIN'S NOTHURA (*NOTHURA DARWINII*). *Álvaro Garitano-Zavala, Jacint Nadal & Pamela Ávila*. .... 173
- CHANGES IN ABUNDANCE OF CRESTED GUAN (*PENELOPE PURPURASCENS*) AND BLACK GUAN (*CHAMAEPETES UNICOLOR*) ALONG AN ALTITUDINAL GRADIENT IN COSTA RICA. *Joel Chaves-Campos*. ..... 195
- USO ESTACIONAL DE DOS ÁREAS, MARINA Y DULCEACUÍCOLA, POR AVES PLAYERAS EN FUNCIÓN AL NIVEL DE MAREA, EN BAJA CALIFORNIA SUR, MÉXICO. *Roberto Carmona, Armando Álvarez, Andrea Cuéllar-Brito & Margarita Zamora-Orozco*. ... 201
- COMPOSICIÓN Y ABUNDANCIA DE LAS AVES EN TRES FORMACIONES VEGETALES DE LA ALTIPLANICIE DE NIPE, HOLGUÍN, CUBA. *B. Sánchez, N. Navarro, R. Oviedo, C. Peña, A. Hernández, E. Reyes, P. Blanco, R. Sánchez & A. Herrera*. ..... 215
- BIRDS OF A NEOTROPICAL WOODLOT AFTER FIRE. *Edwin O. Willis*. ..... 233

Continued on outside back cover

THE NEOTROPICAL ORNITHOLOGICAL SOCIETY (*Founded 4 December 1987*)

President: François Vuilleumier, Department of Ornithology, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024-5192, USA. (*E-mail: vuill@amnh.org*).

Vice-President: Roberto Cavalcanti, Departamento de Zoologia, Instituto de Ciências Biológicas, Universidade de Brasília, Brasília, DF 70910-900, Brazil. (*Email: rbc@tba.com.br*).

Editor: Raymond McNeil, Département de Sciences biologiques, Université de Montréal, C.P. 6128, Succ. "Centre-ville", Montréal, Québec, Canada H3C 3J7. (*E-mail: Raymond.McNeil@umontreal.ca*).

Treasurer: J. Michael Meyers, USGS Patuxent Wildlife Research Center, Warnell School of Forest Resources, The University of Georgia, Athens, GA 30602-2152, USA. (*E-mail: jmeyers@smokey.forestry.uga.edu*); subscriptions, advertising, orders, back issues, changes of address and queries about missing issues, exchanges.

Secretary: Ross M. Lein, Department of Biology, University of Calgary, 2500 University Dr. N.W., Calgary, Alberta T2N 1N4, Canada (*E-mail: mrlein@ucalgary.ca*).

Elected Council Members: Mary Victoria McDonald (USA), Eugene S. Morton (USA), Edwin O. Willis (Brazil).

Past President: Mario A. Ramos, Washington, D.C., USA.

Past Editor (1987–1997): Karl-L. Schuchmann, Bonn, Germany.

Patron: Robert G. Goelet, New York City, USA.

Books for review: François Vuilleumier, Department of Ornithology, American Museum of Natural History, Central Park West at 79th St., New York, NY 10024-5192, USA.

Obituaries: James W. Wiley, Maryland Cooperative Fish & Wildlife Research Unit, University of Maryland Eastern Shore, 1120 Trigg Hall, Princess Anne, MD 21853, USA.

Editorial Board

Luiz dos Anjos, Brazil	Fabián M. Jaksic, Chile	Grace P. Servat, Peru
Carlos Bosque, Venezuela	Yumi Miyaki, Brazil	Gary Stiles, Colombia
Roberto Cavalcanti, Brazil	Diego Montalti, Argentina	Jean-Marc Thiollay, France
Ernesto Enkerlin, México	Manuel Nores, Argentina	François Vuilleumier, USA
Patricia Escalante, México	Brigitte Poulin, France	James W. Wiley, USA
Jon Fjeldså, Denmark	W. Douglas Robinson, USA	Edwin O. Willis, Brazil
Jürgen Haffer, Germany	Karl Schuchmann, Germany	Kevin Winker, USA

Membership

Any person interested in ornithology may become a member of the Neotropical Ornithological Society upon payment of dues. Members of all classes receive ORNITOLOGIA NEOTROPICAL. Membership dues per calendar year are: Students (with verification of student status): US \$ 15.00; subscribers from Latin American countries: US \$ 25.00; subscribers from all other countries: US \$ 35.00; libraries: US \$ 60.00. ORNITOLOGIA NEOTROPICAL of the current year is sent by third class mail. If air mail delivery is required, please add US \$ 20.00 to subscription above. All payments must be to the Treasurer in US currency, either by credit card (VISA, MasterCard), or by check or international money order drawn on a US bank.

Art for the cover page representing the Thorn-tailed Rayadito (*Aphrastura spinicauda*) is by François Vuilleumier.

## NOTICE TO CONTRIBUTORS

ORNITOLOGIA NEOTROPICAL (ISSN 1075-4377) is a refereed journal published quarterly. Manuscripts can be submitted in Spanish, Portuguese, or English on any aspect of avian biology in the Neotropical Region. All papers submitted shall reflect the results of original research. Authors are not required to pay page charges for papers of 15 printed pages or less, although contribution to page costs will be appreciated. However, authors are required to pay page charges for pages in excess of 15 printed pages.

All persons interested in publishing in ORNITOLOGIA NEOTROPICAL are welcome to submit their manuscripts to Raymond McNeil, Editor, Département de Sciences biologiques, Université de Montréal, C.P. 6128, Succ. "Centre-ville", Montréal, Québec, Canada H3C 3J7. Fax: 1-514-343-2293; **E-mail: Raymond.McNeil@umontreal.ca.**

### MANUSCRIPTS

**Potential authors are invited to obtain additional detailed instructions, in English, Portuguese or Spanish, from the editor by e-mail or from the web page <<http://www.neotropicalornithology.org>>.** Manuscripts should be submitted in triplicate. Type all parts of the manuscript double-spaced on one side of letter size (216 x 279 mm or similar), good quality bond paper with at least 25 mm margins. Avoid footnotes. Provide a concise title, and an abridged title for a running head. Avoid using tables as much as possible, using text or illustrations where possible. Put each table on a separate unnumbered page. Legends for all figures should be typed on a separate unnumbered page. Material in the tables or graphs should not be repeated in the text. Write mathematical formulas on one line, where possible.

All major papers should have an abstract in English and another one in Spanish or Portuguese, designed to acquaint readers with the essential points in the text. It should contain no more than 300 words and should be suitable for the use of abstracting services. In addition, no more than 10 key words should be provided at the end of the abstract. Manuscripts intended to be "Short Communications" should be 6 typed pages or less, not including figures and tables. They require key words but no abstract; otherwise they are organized the same as major articles. Use the metric system in text, figures and tables. Designate clock time in the 24-h system and write it as 06:30 or 20:00. Use the European system of calendar notation (e.g., 4 December 1987).

All illustrative material should be arranged in the form of figures, each with an arabic number. Line drawings, e.g., graphs, maps, drawings, should be designed for reduction by at least one-half. Include a key to symbols in the illustration unless the symbols can be described in the legend. Photographs must be sharp and of good contrast showing details in important areas. Prints from monochrome (black-and-white) film are preferred. Photographs and paintings can be published in colour at authors' costs; ask the Editor for details.

Make sure that all citations in the text are listed at the end of the paper, and that all papers listed have been cited. In-text citations of publications by three or more authors should be in the form "Buckley *et al.*" Consult a recent issue of ORNITOLOGIA NEOTROPICAL for details of citations.

Proofs corrections will be made without charge but author revision of proofs, not due to printer's errors, will be charged to the author at US \$ 5.00 per revision line. Return proofs and typescript to the Editor within one week after receipt. Order reprints when returning proofs. ORNITOLOGIA NEOTROPICAL is printed on acid-free paper.

---

POSTMASTER: Send address changes to the Treasurer, address below. Printed quarterly at Cap-Saint-Ignace, Quebec, Canada by AGMV Marquis and published by the Neotropical Ornithological Society, c/o Dr. J. Michael Meyers, Treasurer, USGS Patuxent Wildlife Research Center, Warnell School of Forest Resources, The University of Georgia, Athens, GA 30602-2152, USA. ORNITOLOGÍA NEOTROPICAL is mailed at periodicals postage rates (permit no. 0019841) at Athens, Georgia.

AVIFAUNA OF THE NORTHERN PARAGUAYAN CHACO. <i>Kristof Zyskowski, Mark B. Robbins, A. Townsend Peterson, Kimberly S. Bostwick, Robert P. Clay, &amp; Luis A. Amarilla.</i> .....	247
SHORT COMMUNICATIONS	
NIDIFICACIÓN DEL GALLITO DE LA ROCA ( <i>RUPICOLA PERUVIANA</i> ) EN ELVALLE DE SAN ONOFRE, COCHABAMBA, BOLIVIA. <i>Oswaldo Maillard Z. &amp; Eduardo Caballero.</i> .....	263
FIRST REPORT OF THE NEST OF THE BARRED HAWK ( <i>LEUCOPTERNIS PRINCEPS</i> ) IN PANAMA. <i>Angel Muela &amp; Ursula Valdez.</i> .....	267
A SURVEY OF PERUVIAN TORRENT DUCKS ( <i>MERGANETTA ARMATA LEUCOGENIS</i> ) ON TWO RIVERS IN PERU. <i>Nancy L. Staus &amp; Eugene F. West.</i> .....	269
NOTES ON THE DISTRIBUTION, HABITAT AND CONSERVATION OF THE CLOUD-FOREST PIGMY-OWL ( <i>GLAUCIDIUM NUBICOLA</i> ) IN ECUADOR. <i>Juan F. Freile, Jaime A. Chaves, Gabriel Iturralde &amp; Esteban Guevara.</i> .....	275
ROOSTING AND NESTING OF THE BURNISHED-BUFF TANAGER ( <i>TANGARA CAYANA</i> ) IN SOUTHEASTERN BRAZIL. <i>Edwin O. Willis &amp; Yoshika Oniki.</i> .....	279
POLYDESMIDAN MILLIPEDE USED IN SELF-ANOINTING BY A STRONG-BILLED WOODCREEPER ( <i>XIPHOCOLAPTES PROMEROPHIRHYNCUS</i> ) FROM BELIZE. <i>Kenneth C. Parke, Paul J. Weldon, &amp; Richard L. Hoffman.</i> .....	285
NEWS .....	287

*Covered by Biological Abstracts, Zoological Record, BIOSIS*

Printed in Canada

26 May 2003