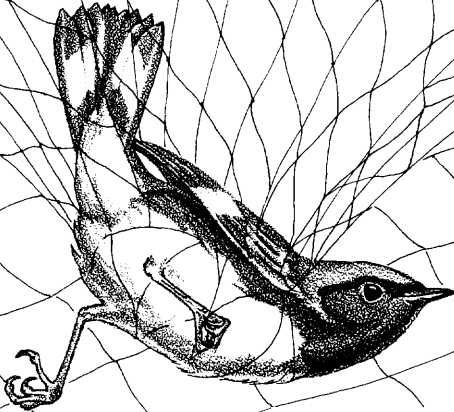


**AFO**

# MIST NETS



- Highest quality nets
- Durable nylon mesh
- Fast, dependable service

Pricing/orders: (508) 224-6521 M-Fri  
FAX (508) 224-9220 24 HR

AFO Mist Net Sales  
Manomet Bird Observatory  
P.O. Box 936  
Manomet, MA USA 02345

Signature

# New Books in Birding

## The Petrels

Their Ecology and Breeding Systems

John Warham

This well-illustrated general introduction to the Petrels forms an accessible and invaluable reference to both the scientific and lay ornithologist.

March 1991, 448 pp., \$59.95/ISBN: 0-12-735420-4

## A Complete Checklist of the Birds of the World

SECOND EDITION

Richard Howard and Alick Moore

### Key Features

- The most up-to-date list of the world's birds
- Covers their distribution using traditional taxonomy
- The only single-volume reference to include subspecies
- Lists approximately 9,200 species and their subspecies
- Thoroughly revised and updated

May 1991, 656 pp., \$49.50/ISBN: 0-12-356910-9

## The Magpies

The Ecology and Behaviour of Black-Billed and Yellow-Billed Magpies

T.R. Birkhead

**The Magpies** covers all aspects of their lives, including their marital relationships, food hoarding behavior, longevity and survival, nesting behavior, breeding success, and their controversial relationship with man. Coverage of both United States species is included.

May 1991, 272 pp., \$39.95/Order Code: 784667

## Birds of the Strait of Gibraltar

Clive Finlayson

The Strait of Gibraltar is famous as a major point of passage for Palaearctic birds migrating between their European breeding grounds and their winter quarters in Africa. Clive Finlayson, a native of the Rock and a trained ornithologist, presents a fascinating account of the region and its resident and transitory bird life.

September 1991, c. 300 pp., \$52.00 (tentative)  
Order Code: 784666

## The Status of Seabirds in Britain and Ireland

Clare S. Lloyd, Mark Tasker, and Kenneth E. Partridge

This book presents the most up-to-date information available on these seabird populations, their numbers and distribution, and their changing fortunes in recent years. This book will interest all who study seabirds and conservations, as well as professionals and amateurs who explore coastal habitats.

May 1991, 384 pp., \$41.00/Order Code: 784661

## The Herons of Europe

Claire Voisin

### Key Features

- Full coverage of all European Heron species
- General chapters on basic Heron biology
- Four color plates showing all species
- Numerous line drawings, diagrams, and maps

December 1991, c. 320 pp., \$35.00 (tentative)  
Order Code: 784663

## The Ruff

Johan van Rhijn

*Illustrated by*

Ian Willis

In this book, the author explores the complex and intricate breeding behavior of the Ruff and provides a means for exploring the wider variety of wader breeding systems. Specialists and bird-watchers alike will have much to learn from the insights provided.

May 1991, 224 pp., \$39.95/Order Code: 784662

*Please write for a free brochure of all Academic Press and T & AD Poyser titles.*

*Order from your local bookseller or directly from*



**ACADEMIC PRESS**

*Harcourt Brace Jovanovich, Publishers*

Book Marketing Department #07101

1250 Sixth Avenue, San Diego, CA 92101

CALL TOLL FREE **1-800-321-5068**

FAX: **1-800-235-0256**

Quote this reference number for *free postage and handling* on your prepaid order ➔ **07101**

Prices subject to change without notice. ©1991 by Academic Press, Inc.  
All Rights Reserved. KR/SS—07101.

# JOURNAL OF FIELD ORNITHOLOGY

## INDICE

Vol. 62, No. 3

VERANO 1991

ACTIVIDAD DE RITMO CIRCADIANO EN <i>PYGOSCELIS ANTARCTICA</i> , EN ISLA MEDIA LUNA, ARGENTINA Por <i>Diego A. Golombek, Javier Calcagno y Carlos M. Luquet</i> . . . . .	293
SELECCIÓN DE CAJAS PARA ANIDAR POR PARTE DE <i>PROTONOTARIA CITREA</i> Por <i>Charles R. Blem y Leann B. Blem</i> . . . . .	299
IDENTIFICACIÓN MORFOMÉTRICA DEL PAPAMOSCAS DE TRAILL, UNA EVALUACIÓN DE LA ECUACIÓN DE STEIN Por <i>Gilles Seutin</i> . . . . .	308
LA PÉRDIDA DE MASA POSTERIOR A LA CAPTURA EN AVES PLAYERAS ES DEPENDIENTE DE LA TEMPERATURA Por <i>Gonzalo Castro, Bruce A. Wunder y Fritz L. Knopf</i> . . . . .	314
COMPARACIÓN DE LA DIETA DE <i>CATHARTES AURA</i> EN TRES REGIONES DEL NORTE DE MÉXICO Por <i>Fernando Hiraldo, Miguel Delibes y Jose A. Donazar</i> . . . . .	319
DIETA DE INDIVIDUOS DE <i>AYTHYA AFFINIS</i> QUE SE ESTÁN REPRODUCIENDO Por <i>Alan D. Afton y Ross H. Hier</i> . . . . .	325
NUEVO DISEÑO DE ARNÉS PARA ATAR TRANSMISORES A PASSERIFORMES PEQUEÑOS Por <i>John H. Rappole y Alan R. Tipton</i> . . . . .	335
FIDELIDAD A LOCALIDADES Y REANIDAMIENTO EN HEMBRAS DE <i>ANTHUS RUBESCENS</i> Por <i>Paul Hendricks</i> . . . . .	338
EL EFECTO DE <i>RATTUS RATTUS</i> INTRODUCIDAS EN CAYOS DE LAS ANTILLAS, EN LA DIVERSIDAD DE AVES Por <i>Earl W. Campbell</i> . . . . .	343
UNA EVALUACIÓN DEL MÉTODO PARA ESTIMAR LA CANTIDAD DE GRASA EN AVES, MEDIANTE LA CUANTIFICACIÓN DE LA GRASA SUBCUTÁNEA VISIBLE Por <i>Christopher M. Rogers</i> . . . . .	349
ESTIMANDO LA PROPORCIÓN DE SEXOS MEDIANTE EL USO DE UN ANÁLISIS DE FUNCIÓN DISCRIMINANTE: LA INFLUENCIA DE PUNTOS DIVISORIOS DE PROBABILIDADES Y TAMAÑO DE LA MUESTRA Por <i>Leonard A. Brennan, Joseph B. Buchanan, Charles T. Schick y Steven G. Herman</i> . . . . .	357
UN SISTEMA MEJORADO DE RADAR MARINO PARA ESTUDIAR LA MIGRACIÓN DE AVES Por <i>Brian A. Cooper, Robert H. Day, Robert J. Ritchie y Clayton L. Cranor</i> . . . . .	367
TRAMPAS DE TÚNELES PARA LA CAPTURA DE <i>TYMPANUCHUS CUPIDO</i> EN LEKS Por <i>Michael A. Schroeder y Clait E. Braun</i> . . . . .	378
ESTUDIO COMPARATIVO DE LA CONDUCTA DE BAÑARSE POR ALGUNAS AVES AUSTRALIANAS Por <i>N. A. M. Verbeek</i> . . . . .	386
FIDELIDAD AL ÁREA DE REPRODUCCIÓN Y FILOPATRÍA NATAL EN <i>PHALAROPUS FULICARIA</i> Y <i>P. LOBATUS</i> Por <i>Douglas Schamel y Diane M. Tracy</i> . . . . .	390
UTILIZACIÓN DE LA TÉCNICA DE MOVIMIENTO DE LA LENGUA POR INDIVIDUOS DE <i>EGRETTA THULA</i> Por <i>Terry L. Master</i> . . . . .	399
DESCRIPCIÓN DEL PATRÓN DE CORTEJO Y CÓPULA EN <i>GERANOSPIZA CAERULESCENS</i> Por <i>Henri Ouellet</i> . . . . .	403
LITERATURA RECIENTE . . . . .	407
NOTAS Y NOTICIAS . . . . .	298, 307, 366, 398, 406

# JOURNAL OF FIELD ORNITHOLOGY

## CONTENTS

Vol. 62, No. 3

SUMMER 1991

CIRCADIAN ACTIVITY RHYTHM OF THE CHINSTRAP PENGUIN OF ISLA MEDIA LUNA, SOUTH SHETLAND ISLANDS, ANTÁRCTICA ARGENTINA By <i>Diego A. Golombek, Javier Calcagno, and Carlos M. Luquet</i> . . . . .	293
NEST-BOX SELECTION BY PROTHONOTARY WARBLERS By <i>Charles R. Blem and Leann B. Blem</i> . . . . .	299
MORPHOMETRIC IDENTIFICATION OF TRAILL'S FLYCATCHERS: AN ASSESSMENT OF STEIN'S FORMULA By <i>Gilles Seutin</i> . . . . .	308
TEMPERATURE-DEPENDENT LOSS OF MASS BY SHOREBIRDS FOLLOWING CAPTURE By <i>Gonzalo Castro, Bruce A. Wunder, and Fritz L. Knopf</i> . . . . .	314
COMPARISON OF DIETS OF TURKEY VULTURES IN THREE REGIONS OF NORTHERN MEXICO By <i>Fernando Hiraldo, Miguel Delibes, and Jose A. Donazar</i> . . . . .	319
DIETS OF LESSER SCAUP BREEDING IN MANITOBA By <i>Alan D. Afton and Ross H. Hier</i> . . . . .	325
NEW HARNESS DESIGN FOR ATTACHMENT OF RADIO TRANSMITTERS TO SMALL PASSERINES By <i>John H. Rappole and Alan R. Tipton</i> . . . . .	335
SITE FIDELITY AND RENESTING OF FEMALE AMERICAN PIPITS By <i>Paul Hendricks</i> . . . . .	338
THE EFFECT OF INTRODUCED ROOF RATS ON BIRD DIVERSITY OF ANTILLEAN CAYS By <i>Earl W. Campbell</i> . . . . .	343
AN EVALUATION OF THE METHOD OF ESTIMATING BODY FAT IN BIRDS BY QUANTIFYING VISIBLE SUBCUTANEOUS FAT By <i>Christopher M. Rogers</i> . . . . .	349
ESTIMATING SEX RATIOS WITH DISCRIMINANT FUNCTION ANALYSIS: THE INFLUENCE OF PROBABILITY CUTPOINTS AND SAMPLE SIZE By <i>Leonard A. Brennan, Joseph B. Buchanan, Charles T. Schick, and Steven G. Herman</i> . . . . .	357
AN IMPROVED MARINE RADAR SYSTEM FOR STUDIES OF BIRD MIGRATION By <i>Brian A. Cooper, Robert H. Day, Robert J. Ritchie, and Clayton L. Cranor</i> . . . . .	367
WALK-IN TRAPS FOR CAPTURING GREATER PRAIRIE-CHICKENS ON LEKS By <i>Michael A. Schroeder and Clait E. Braun</i> . . . . .	378
COMPARATIVE BATHING BEHAVIOR IN SOME AUSTRALIAN BIRDS By <i>N. A. M. Verbeek</i> . . . . .	386
BREEDING SITE FIDELITY AND NATAL PHILOPATRY IN THE SEX ROLE-REVERSED RED AND RED-NECKED PHALAROPES By <i>Douglas Schamel and Diane M. Tracy</i> . . . . .	390
USE OF TONGUE-FLICKING BEHAVIOR BY THE SNOWY EGRET By <i>Terry L. Master</i> . . . . .	399
DESCRIPTION OF THE COURTSHIP AND COPULATION BEHAVIOR OF THE CRANE-HAWK By <i>Henri Ouellet</i> . . . . .	403
RECENT LITERATURE . . . . .	407
NOTES AND NEWS . . . . .	298, 307, 366, 398, 406