

THE JOURNAL OF RAPTOR RESEARCH



VOLUME 28

SEPTEMBER 1994

NUMBER 3

CONTENTS

A SYMPOSIUM ON USING NEST BOXES TO STUDY RAPTORS: DO THE BOXES PROVIDE VIRTUAL REALITY? Frederick R. Gehlbach, Coordinator	125
EFFECT OF NEST-BOX SIZE ON NEST-SITE PREFERENCE AND REPRODUCTION IN AMERICAN KESTRELS. Gary R. Bortolotti	127
VALUE OF NEST BOXES FOR POPULATION STUDIES AND CONSERVATION OF OWLS IN CONIFEROUS FORESTS IN BRITAIN. Steve J. Petty, Geoff Shaw and David I. K. Anderson	134
FACTS AND ARTEFACTS IN NEST-BOX STUDIES: IMPLICATIONS FOR STUDIES OF BIRDS OF PREY. Anders Pape Møller	143
SELECTION AND USE OF NEST SITES BY BARN OWLS IN NORFOLK, ENGLAND. Paul N. Johnson	149
NEST-BOX VERSUS NATURAL-CAVITY NESTS OF THE EASTERN SCREECH-OWL: AN EXPLORATORY STUDY. Frederick R. Gehlbach.....	154
THE POST-FLEDGING DEPENDENCE PERIOD OF THE LESSER KESTREL (<i>Falco naumanni</i>) IN SOUTHWESTERN SPAIN. Javier Bustamante and Juan José Negro	158
HABITAT CHARACTERISTICS OF GREAT HORNED OWLS IN SOUTH CENTRAL PENNSYLVANIA. Thomas E. Morrell and Richard H. Yahner	164
PARENT-OFFSPRING RELATIONS DURING THE POST-FLEDGING DEPENDENCY PERIOD IN THE BLACK KITE (<i>Milvus migrans</i>) IN JAPAN. Kimiya Koga and Satoshi Shiraishi	171
HEMATOLOGY AND OCCURRENCE OF HEMOPARASITES IN MIGRATING SHARP-SHINNED HAWKS (<i>Accipiter striatus</i>) DURING FALL MIGRATION. Lauren V. Powers, Mark Pokras, Kim Rio, Cathy Viverette and Laurie Goodrich	178
A RAPTOR ROADSIDE SURVEY IN WESTERN TURKEY AND EASTERN GREECE. Wade L. Eakle	186
SHORT COMMUNICATIONS	
PREPARATION OF AVIAN MATERIAL RECOVERED FROM PELLETS AND AS PREY REMAINS. Beth Ann Sabo and Roxie C. Laybourne.....	192
USE OF MIST NETS AND A LIVE GREAT HORNED OWL TO CAPTURE BREEDING AMERICAN KESTRELS. Karen Steenhof, George P. Carpenter and James C. Bednarz.....	194
LETTER	197
BOOK REVIEWS Edited by Jeffrey S. Marks	199
IN MEMORIAM: RICHARD R. OLENDORFF, 1943-1994. Robert Lehman	204

The Raptor Research Foundation, Inc. gratefully acknowledges a grant and logistical support provided by Weber State University to assist in the publication of the journal.

Persons interested in predatory birds are invited to join The Raptor Research Foundation, Inc. Send requests for information concerning membership, subscriptions, special publications, or change of address to Jim Fitzpatrick, Treasurer, 14377 117th Street South, Hastings, Minnesota 55033, U.S.A.

The Journal of Raptor Research (ISSN 0892-1016) is published quarterly and available to individuals for \$24.00 per year and to libraries and institutions for \$30.00 per year from The Raptor Research Foundation, Inc., 14377 117th Street South, Hastings, Minnesota 55033, U.S.A. (Add \$3 for destinations outside of the continental United States.) Second class postage paid at Hastings, Minnesota, and additional mailing offices. POSTMASTER: Send address changes to *The Journal of Raptor Research*, 14377 117th Street South, Hastings, Minnesota 55033, U.S.A.

Printed by Allen Press, Inc., Lawrence, Kansas, U.S.A.

Copyright 1994 by The Raptor Research Foundation, Inc. Printed in U.S.A.