

THE RAPTOR RESEARCH FOUNDATION, INC.

OFFICERS

President Dr. Joseph R. Murphy, Department of Zoology, 167 WIDB,
Brigham Young University, Provo, Utah 84602

Vice-President Richard W. Fyfe, Canadian Wildlife Service, Room 1110,
10025 Jasper Avenue, Edmonton, Alberta T5J 1S6 Canada

Secretary Dr. Richard R. Olendorff, Division of Wildlife (360), Bureau of
Land Management, 18th and C Streets, N.W., Washington, D.C. 20240

Treasurer Dr. Gary E. Duke, Department of Veterinary Biology, College of
Veterinary Medicine, University of Minnesota, St. Paul, Minnesota 55101

Address all matters dealing with membership status, dues, publication sales, or
other financial transactions to the Treasurer.

Send changes of address to the Treasurer.

Address all general inquiries to the Secretary.

See inside front cover for suggestions to contributors of manuscripts for *Raptor
Research*, *Raptor Research Reports*, and special Raptor Research Founda-
tion publications.

BOARD OF DIRECTORS

Eastern Dr. Tom J. Cade, Cornell Laboratory of Ornithology, 159 Sapsucker
Woods Road, Ithaca, New York 14853

Central Dr. Frances Hamerstrom, Plainfield, Wisconsin 54966

Pacific and Mountain Dr. Joseph R. Murphy (address above)

Canadian Richard W. Fyfe (address above)

At-Large Dr. Dean Amadon, Department of Ornithology, American Museum
of Natural History, Central Park West at 79th Street, New York, New
York 10024

At-Large Dr. Byron E. Harrell, Department of Biology, University of South
Dakota, Vermillion, South Dakota 57069

At-Large Dr. Richard R. Olendorff (address above)

CONTENTS

SCIENTIFIC PAPERS

Why are Female Birds of Prey Larger than Males?—
Dean Amadon 1

Ecology and Reproduction of Red-shouldered Hawks in
the Waterloo Region, Southern Ontario—
Craig A. Campbell 12

Adoption of Nestlings by Breeding Bald Eagles—
S. Postupalsky and J. B. Holt, Jr. 18

The Role of Vaccination in the Maintenance of Captive
Birds of Prey—J. E. Cooper 21

A Morphological Comparison of Two Harrier Populations—
W. C. Scharf and F. Hamerstrom 27

NOTE

Harris' Hawk Kills Egret—C. B. Schaughency 11

NEWS ITEMS 20, 26