

## THE RAPTOR RESEARCH FOUNDATION, INC.

### OFFICERS

**President** Dr. Richard R. Olendorff, Division of Resources (C-932), B.L.M., 2800 Cottage Way, Sacramento, California 95825

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

**Secretary** Dr. Donald R. Johnson, Department of Biological Sciences, University of Idaho, Moscow ID 83843

**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 Foundation publications.

### BOARD OF DIRECTORS

**Eastern** Dr. James A. Mosher, University of Maryland, Appalachian Environmental Laboratory, Frostburg State College Campus, Gunter Hall, Frostburg, Maryland 21532

**Central** Dr. James Grier, Department of Zoology, North Dakota State University, Fargo, North Dakota 58102

**Pacific and Mountain** Dr. Joseph R. Murphy, Department of Zoology, 167 WIDB, Brigham Young University, Provo, Utah 84602

**Canadian** Eastern: David Bird, Macdonald Raptor Research Center, Macdonald College, Quebec, HOA1CO, Canada  
Western: Dr. Wayne Nelson, 620 Harris Place Northwest, Calgary, Alberta, T3B ZV4, Canada

**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. Stanley Temple, Department of Wildlife Ecology, Russell Laboratory, University of Wisconsin, Madison, Wisconsin 53706

**At Large** Dr. Thomas Dunstan, 3500 Morris Hill Road, Boise, Idaho 83704

**CONTENTS**

*SCIENTIFIC PAPERS*

External Sex Characters of Harris' Hawks  
in Winter—Frederick and Frances Hamerstrom .....1

Nest Site Selection by the Broad-winged Hawk  
in North Central Minnesota and Wisconsin—  
Doug Keran .....15

*Protocalliphora avium* (Diptera) Myiasis in  
Great Horned Owls, Red-tailed Hawks, and  
Swainson's Hawks in North Dakota—Peter  
B. Tirrell .....21

Studies on the Karyotype of the Red-tailed  
Hawk (*Buteo jamaicensis*)—Kathryn L. Pape  
and F. X. Ogasawara .....28

Recent Breeding Success of Richardson's Merlin  
in Saskatchewan—L. W. Oliphant and W. J. P.  
Thompson .....35

A Car Survey of Raptors in Southeastern Idaho  
1974-1976—Timothy H. Craig .....40

Peregrine-Prairie Falcon Interaction—Brian  
James Walton .....46

Book Reviews .....48