

NEWS AND NOTES

At the annual meeting of the Cooper Ornithological Society in San Francisco, in April, the following members were elected to the Board of Directors for three-year terms: Eugene Eisenmann, James R. King, and Edgar N. Stone. Retiring members of the Board are Dean Amadon, Vernon Barrett, and W. I. Follett. At a subsequent meeting of the Board the following principal officers were elected: Thomas R. Howell, President; Robert T. Orr, First Vice-President; Herbert Friedmann, Second Vice-President; Kenneth E. Stager, Secretary; John W. Hardy, Treasurer; Norman R. French, Acting Business Manager; James R. King, Editor. Members of the investment committee are Thomas R. Howell, Robert T. Orr, and Kenneth E. Stager.

Awards won for the best papers presented by persons not holding a doctoral degree in biology were as follows: A. Brazier Howell Award, Fernando Nottebohm for his paper on "The role of sensory feedback in the development of bird vocalization"; Frances F. Roberts Award, Alan A. Gubanich for his paper on "Avian utilization of desert waterholes."

At the scientific sessions the following papers were presented:

A Chile-California prospect for the study of ecological equivalence, by Frank A. Pitelka.

Zoogeographic position of the Sharp-tailed Sparrow, *Ammospiza caudacuta*, by Miklos Udvardy.

Manx and Audubon's shearwaters in the northwestern Atlantic, by Peter W. Post.

The occurrence and significance of migrant land birds on the Farallon Islands, by Richard A. Tenaza.

Recent history and ecological observations on the endemic Laysan Finch, *Psittirostra cantans*, by Richard E. Warner.

Is tracheal length a variable in oscine vocalization? by Betsy D. Cutler.

Tuning mechanisms in avian vocalization, by George L. Hersh.

The role of sensory feedback in the development of bird vocalization, by Fernando Nottebohm.

An analysis of vocalizations of the Rufous-

sided Towhee, *Pipilo erythrophthalmus* (Bell), by Joan D. Beltz.

Differential responses of separate populations of White-crowned Sparrows to recorded songs of their own and other populations, by Marilyn Milligan and Jared Verner.

The puzzling vocal repertoire of a South American jay, *Cyanolyca viridicyana*, by John W. Hardy.

The winter range of the Elf Owl, by J. David Ligon.

Circadian patterns of feeding and locomotor activity in the English Sparrow, by James R. King and Gary V. Heller.

Nocturnal hypothermia in the Inca Dove, by Richard E. MacMillen and Charles H. Trost.

A review of the vernal fat deposition picture in overland migrant birds, by David W. Johnston.

Avian utilization of desert waterholes, by Alan A. Gubanich.

The convergent flight mechanism of swifts and hummingbirds, by Jean W. Cohn.

Predation releasers, by Jack T. Tomlinson.

The Tule White-fronted Goose: a summary of our present knowledge, by Sanford R. Wilbur.

Comments on the life history of Baird's Sparrow, by Richard C. Banks.

Breeding biology of the Rufous-winged Sparrow, *Aimophila carpalis*, by Robert D. Ohmart.

Ecological aspects of nest building in Redwing Blackbirds, by Larry C. Holcomb and Gilbert Twiest.

The breeding biology of the Red-faced Warbler, *Cardellina rubrifrons*, by Walter Bulmer, Jr.

The taxonomic status of the Glaucous-winged Gull, *Larus glaucescens*, by Francis S. L. Williamson.

Notes on color variation in downy Caspian Terns, by George E. Chaniot, Jr.

Some aspects of the nesting ecology in auklets, by Jean Bédard.

The social system of the Buff-breasted Sandpiper, by Frank A. Pitelka.

Shore birds—the outcasts of progress? by Eileen S. Mair.