

consisting of species accounts of North American birds in loose-leaf fascicle form. Peter Stettenheim was appointed Editor. It is anticipated that 50 accounts will be prepared in the next two years, each by an author with extensive field experience with the species described. A Special Committee on Humane Handling of Birds in the Field, including representation from the Cooper and Wilson Ornithological Societies, will produce guidelines for the humane care of birds during field research. Council merged the Herbert and Betty Carnes Committee and the Research Awards Committee and established guidelines for making research and travel awards. Student Membership Awards will be discontinued.

#### ATTENDANCE

Registration at the meeting totaled 317 (including 193 members, 105 students, and 39 spouses and guests) from 40 states, the District of Columbia, Puerto Rico, 3 provinces of Canada, Brazil, the Peoples Republic of China, Israel, Japan, Peru, and Venezuela. The largest representations were from Mississippi (38), Florida (20), Louisiana (20), California (16), and Texas (16).

#### SPECIAL EVENTS

On the evening of 19 August Fellows and Council Members had dinner at the University Inn. During the meeting, tours were offered to various local points of interest including the M.S.U. Dairy Science Laboratory, School of Veterinary Medicine, A. B. McKay Food and Enology Laboratory, and the Cobb Institute of Archaeology. In cooperation with the Department of Art, a special exhibit had been arranged featuring the birds of Walter Inglis Anderson. An informal reception was held on the evening of 19 August and the Annual Banquet was held in the Mississippi State Union Ballroom on the evening of 21 August.

#### FIELD TRIPS

Early morning birding trips were organized by Malcolm Hodges and Danny Ingold. On 22 August, members enjoyed a canoe trip led by Jerome Jackson down the Tombigbee River, including passage through the lock and dam at Columbus, Mississippi. On August 22–23, members participated in a trip to the Mississippi Gulf coast and Horn Island, a part of Gulf Islands National Seashore. The trip was organized by Ted Simons and Jerome Jackson and ended with dinner at the home of Dr. and Mrs. C. D. Taylor of Pass Christian. Transportation to Horn Island was provided by the U.S. National Park Service.

#### PUBLIC SESSIONS

General paper sessions were held in the Student Union on the campus of Mississippi State University. At the opening session on the morning of 19 August, President Donald W. Zacharias of Mississippi State University welcomed the A.O.U. and President Frances C. James responded for the Union. Secretary Russell reported on actions taken at the several business meetings and Jerome A. Jackson, Co-chair of the Committee on Local Arrangements, made brief comments as did Robert M. Zink, Chair of the Scientific Program Committee. Symposia were held on the evolutionary significance of geographic variation and on migratory birds in the tropics. There was a workshop on the analysis and interpretation of avian growth data. A plenary lecture on "Current status of waterfowl populations and current needs" was given by Dr. Laurence R. Jahn, Wildlife Management Institute, Washington, D.C. The complete scientific program appears on the following pages.

### TUESDAY MORNING, 19 AUGUST

#### IA. SYMPOSIUM MIGRATORY BIRDS IN THE TROPICS

John H. Rappole, Convenor

Opening remarks. JOHN H. RAPPOLE

Habitat segregation between Hooded Warbler sexes is innate. EUGENE S. MORTON, Natl. Zool. Park, Washington, DC.

A conservation strategy for Nearctic-Neotropical migrants: the Western Hemisphere Shorebird Reserve Network. J. P. MYERS, R. I. G. MORRISON, P. Z. ANTAS, T. E. LOVEJOY, M. SALLABERRY, S. E. SENNER, and A. TARAK, Acad. Nat. Sci., Philadelphia, PA.

Non-breeding behaviors as they relate to the affinities of the thrush genus *Hylocichla*. KEVIN WINKER, Univ. Minnesota, Bell Mus. Nat. Hist., Minneapolis, and JOHN H. RAPPOLE, Texas A&I Univ., Caesar Kleberg Wildl. Res. Inst., Kingsville.

Distribution and relative abundance of migrants in southeastern Peru. JOHN W. FITZPATRICK, Bird Div., Field Mus. Nat. Hist., Chicago, IL, and SCOTT K. ROBINSON, Illinois Nat. Hist. Surv., Urbana.

Closing remarks. JOHN H. RAPPOLE

## IB. SYMPOSIUM

### EVOLUTIONARY SIGNIFICANCE OF GEOGRAPHIC VARIATION

Robert M. Zink and George F. Barrowclough, Convenors

Opening remarks. ROBERT M. ZINK

The relevance of geographic variation to avian speciation: the secrets of allopatry. NED K. JOHNSON, Mus. Vert. Zool. & Dep. Zool., Univ. California, Berkeley.

Geographic variation in birds: selection, environmental induction or epigenetics? ALLAN J. BAKER, Dep. Ornithol., Royal Ontario Mus., Toronto, ON, Canada.

Geographic variation in birds: issues and directions. ROBERT M. ZINK, Mus. Zool., Louisiana State Univ., Baton Rouge.

Population structure and intraspecific phylogenies. JOHN C. AVISE, Dep. Genet., Univ. Georgia, Athens.

Geographic variation in the Spotted Owl, *Strix occidentalis*. GEORGE F. BARROWCLOUGH, Dep. Ornithol., Am. Mus. Nat. Hist., New York, NY.

Closing remarks. FRANCES C. JAMES

## TUESDAY AFTERNOON, 19 AUGUST

### IIA. MATING & PARENTAL INVESTMENT

Martin L. Stephens, Chr.

\*Sexual selection in the Pinyon Jay (*Gymnorhinus cyanocephalus*). KRISTINE JOHNSON, Dep. Biol., Univ. New Mexico, Albuquerque.

\*Sex differences in defense of eggs and nestlings by Northern Mockingbirds (*Mimus polyglottos*). RANDALL BREITWISCH, Dep. Biol., Univ. Miami, Coral Gables, FL.

Seasonal changes in bill length in White-crowned Sparrows. MARTIN L. MORTON, Dep. Biol., Occidental Col., Los Angeles, CA.

Distribution of offspring defense among families by polyandrous female Northern Jacanas (*Jacana spinosa*). MARTIN L. STEPHENS, Humane Soc. of U.S., Washington, DC.

Vocal responses of Tree Swallows (*Iridoprocne bicolor*) to models of nest predators. BRADLEY M. GOTTFRIED, Dep. Biol., Armstrong State Col., Savannah, GA.

Secondary sex ratios of nestling Golden Eagles (*Aquila chrysaetos*). MICHAEL W. COLLOPY and THOMAS C. EDWARDS, JR., Dep. Wildl. & Range Sci., Univ. Florida, Gainesville, and MICHAEL N. KOCHERT and KAREN STEENHOF, Boise District, Bur. Land Manage., Boise, ID.

The adaptive significance of creching behavior in the White-winged Scoter. F. P. KEHOE, Dep. Zool., Univ. Guelph, Guelph, ON, Canada.

Nesting phenology and competition among Red-headed and Red-bellied woodpeckers and European Starlings for nest sites in east-central Mississippi. DANNY J. INGOLD, Dep. Biol. Sci., Mississippi State Univ., Mississippi State.

The role of male aggression and female location in determining spatial organization and mating success of male Sharp-tailed Grouse (*Tympanuchus phasianellus*) in southeastern Montana. HANS LANDEL, Dep. Biol. Sci., Purdue Univ., W. Lafayette, IN.

Nest site selection in Acorn Woodpeckers. MARK T. STANBACK, PHILIP N. HOOGE, and WALTER D. KOENIG, Hastings Nat. Resource Reservation, Carmel Valley, CA.

Extra-pair copulations in the Indigo Bunting: who gets them and how? DAVID F. WESTNEAT, Dep. Biol., Univ. North Carolina, Chapel Hill.

\* Student eligible for a Student Presentation Award.