

Group structure, habitat structure, and reproductive success of Grey-crowned Babblers: a multivariate analysis. TIMOTHY G. O'BRIEN, Dep. Wildl. & Range Sci., Univ. Florida, Gainesville, SCOTT R. WINTERSTEIN, Dep. Exp. Stats., Louisiana State Univ., Baton Rouge, and JERAM L. BROWN, Dep. Biol., SUNY at Albany, Albany.

Inheritance of muscle shape in Eastern Kingbirds (*Tyrannus tyrannus*). MARY C. MCKITRICK, Mus. Zool., Univ. Michigan, Ann Arbor, and GEORGE F. BARROWCLOUGH, Dep. Ornithol., Am. Mus. Nat. Hist., New York, NY.

WEDNESDAY AFTERNOON, 20 AUGUST

IVA. BEHAVIORAL ECOLOGY

Joseph M. Wunderle, Chr.

Dominance, food supply, and territory abandonment in the cooperatively breeding Acorn Woodpecker. SUSAN HANNON, RON MUMME, and WALTER KOENIG, Hastings Nat. Hist. Reservation, Univ. California, Berkeley.

Habitat selection in a tropical folivorous bird: the Hoatzin. BEATRIZ TORRES, Zool. Dep., Ohio State Univ., Columbus.

Comparative foraging behavior of male and female American Kestrels (*Falco sparverius*) in central Kentucky. CHRIS KELLNER, Dep. Zool., Univ. Arkansas, Fayetteville.

Food habits and season- and sex-related mortality of Barred Owls. JEROME A. JACKSON, Dep. Biol. Sci., Mississippi State Univ., Mississippi State.

*Red-cockaded Woodpecker helpers at the nest: increasing clan fitness by stabilizing reproductive success. J. MICHAEL REED, Dep. Zool., North Carolina State Univ., Raleigh.

*The ontogeny of foraging in Ospreys. THOMAS C. EDWARDS, JR., Dep. Wildl. & Range Sci., Univ. Florida, Gainesville.

Philopatry in the Eastern Phoebe. CALVIN L. CINK, Biol. Dep., Baker Univ., Baldwin City, KS. The role of food abundance in egret siblicide. TIMOTHY C. LAMEY, DOUGLAS W. MOCK, and BONNIE J. PLOGER, Dep. Zool., Univ. Oklahoma, Norman.

Hatching asynchrony in the Pied-billed Grebe: evidence for the brood-reduction hypothesis. MARK R.L. FORBES, Dep. Zool., Univ. Western Ontario, London, ON, Canada.

Brood reduction for fun and profit. DOUGLAS W. MOCK, Dep. Zool., Univ. Oklahoma, Norman, and GEOFFREY A. PARKER, Dep. Zool., Univ. Liverpool, Brownlow Hill, England.

Bill color and foraging behavior of North American songbirds: an adaptation to reduce reflectance. EDWARD H. BURTT, JR., Dep. Biol. Sci., Ohio Wesleyan Univ., Delaware, OH.

IVB. PHYSIOLOGY/MIGRATION

Frank R. Moore, Chr.

Molt chronology of Northern Pintails wintering on the Southern High Plains of Texas. DOUGLAS G. SHEELEY and LOREN M. SMITH, Dep. Range & Wildlife Manage., Texas Tech Univ., Lubbock.

Aggressive females and domestic males: hormonal correlates of "sex-role reversal." LEWIS W. ORING and ALBERT J. FIVIZZANI, Dep. Biol., Univ. North Dakota, Grand Forks.

Annual molt cycles of central Amazonian forest understory birds. RICHARD O. BIERREGAARD, JR. and RANDALL H. LeB. DOWNER, World Wildl. Fund-U.S., Washington, DC.

The sulphur amino-acid requirements and metabolism in the Dark-eyed Junco (*Junco hyemalis*). JEFFREY MERRITT and ELDEN W. MARTIN, Dep. Biol. Sci., Bowling Green State Univ., Bowling Green, OH.

Nutrient reserves and reproduction in White-winged Scoters. G. R. DOBUSH, Dep. Zool., Univ. Guelph, Guelph, ON, Canada.

Atmospheric influences on olfactory navigation in birds. JERRY A. WALDVOGEL, Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA.

Nutrient preferences of migratory (*Junco hyemalis*) vs. non-migratory (*Passer domesticus*) bird species exposed to long vs. short photoperiods. JANE A. FITZGERALD, Dep. Zool., Univ. Arkansas, Fayetteville.

Expansion of the wintering range of the Eared Grebe into southeastern United States. RICHARD C. BANKS and ROGER B. CLAPP, Biol. Surv. Section, U.S. Fish & Wildl. Serv., Natl. Mus. Nat. Hist., Washington, DC.