

NOTES AND NEWS

The **Frank M. Chapman Memorial Fund** of the American Museum of Natural History is administered by a committee that meets twice annually to review applications for grants and fellowships. While there is no restriction on who may apply, the Committee particularly welcomes applications from graduate students; management projects and projects by senior investigators are seldom funded. Applications should be submitted not later than **15 February** and **15 September**. Application forms may be obtained from the **Frank M. Chapman Memorial Fund Committee, The American Museum of Natural History, Central Park West at 79th St., New York, N.Y. 10024**.

Dr. Malcolm Coulter was appointed a Chapman Fellow for the period May 1978 through April 1979. He will study the importance of behavior for breeding success in terns and intraspecific variability structure in seabird communities.

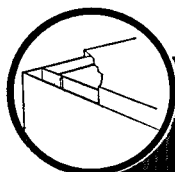
Dr. Glen Woolfenden was appointed a Chapman Fellow for the period March–August 1979 for his work on demographic studies of the Florida Scrub Jay.

Chapman grants during 1978, totalling \$44,754 with a mean of \$492, were awarded to: George R. Angehr, role of interference competition in the organization of a guild of tropical hummingbirds; Martha Hatch Balph, relationship of plumage variability to social behavior in Pine Siskins; Ellen R. Becker, breeding biology and ecology of the Black Guillemot, *Cepphus grylle*, in Maine with special reference to the influence of territory size and habitat; Joan Bird, behavioral and ecological comparisons of Lesser Antillean Bullfinches: a study of the evolution of sexual dimorphism and monomorphism; Erik Joshua Bitterbaum, comparative ethology of the Purple and Gray-breasted martins; John G. Blake, avian species diversity in desert and semi-desert areas: 1. response to habitat complexity, 2. effect of habitat islands; Peter J. Blancher, importance of food supply in the distribution of two sympatric species of kingbirds (genus *Tyrannus*); Godfrey Roderick Bourne, reproductive costs in Barn and Cliff Swallows; Michael Braun, character convergence or hybridization: biochemical genetics of the Mexican Red-eyed Towhees; Deborah P. Buitron, social behavior and reproductive strategies of the Black-billed Magpie; Jeffrey T. Burns, mate-switching in House Wrens; R. Wayne Campbell, birds of British Columbia; Penn Richard Chu, geographic variation in song of island-mainland populations of the Carolina Wren, *Thryothorus ludovicianus*; C. Dwight Cooley, foraging efficiency and time-energy budget of the Loggerhead Shrike; Joel Cracraft, adaptive radiation and systematics of the moas (Dinornithidae); Robert J. Craig, comparative ecology of Louisiana and Northern waterthrushes; Timothy M. Crowe, systematics of francolins and bustards and distribution and status of birds rare and endangered in South Africa; Paul R. Cutright and Michael J. Brodhead, Elliot Coues: naturalist and pioneer historian; Margarete Dohmann, variation of the rectrices' coloration in different subspecies of the Grey Shrike species in regard to a possible ethological signification; J. William Eley, review of the *Penelope purpurascens* and *Penelope jacquacu* superspecies groups, with emphasis on the taxonomy of *Penelope albipennis*; John T. Emlen, density distribution of Mississippi bottomland forest birds; Gary A. Falxa, Devora J. Ukrain, and David F. Whitacre, status and ecology of the Bat Falcon in southeastern Mexico; Elmer J. Finck, social organization of the Lark Bunting (*Calamospiza melanocorys*); Mary Kathleen Fite, vocal and territorial behavior of the American Dipper (*Cinclus mexicanus*); Darrel Blaine Ford, natal nest site characteristics and habitat compared to adult nest site selection in the Herring Gull, *Larus argentatus*; Paul S. Fromer, feeding ecology of the Northern Jacana, *Jacana spinosa*; Gary N. Fugle, dynamics of winter social organization in the White-crowned Sparrow (*Zonotrichia leucophrys gambelii*); Kimball Lewis Garrett, behavioral ecology of the White-headed Woodpecker, *Picoides albolarvatus*; Patricia A. Gowaty, evolution of mating system variability in Eastern Bluebirds (*Sialia sialis*); Judy Anne Gradwohl, ecology and spacing systems of birds in Antwren flocks; Peter W. Greig-Smith, effects of habitat modification on bird communities in the Seychelles; Judith Latta Hand, alignment of nests and territories by Western Gulls (*Larus occidentalis livens*): possible relation to thermal stress in the Gulf of California; Donna L. Hansen, comparison of breeding season behaviors of *Cinclus pallasi* and *Cinclus mexicanus*; Ross E. Harris, breeding biology and ecology of the Short-billed Dowitcher (*Limnodromus griseus*), and comparisons with sympatric shorebird species; Jeremy J. Hatch, territorial behavior of *Vestiaria coccinea*; Sarah Francis Heath, feeding ecology of limicoline bird species in the salt-pans of the Camarque, France; David Paul Hendricks, breeding biology of the Brown-capped Rosy Finch; Willard W. Hennemann III, role of the spread-winged posture in the thermoregulation of anhingas and cormorants; David F. Hennesy, regulation of snake mobbing by Scrub Jays and Mockingbirds according to apparent threat: form of behavior, snake species discrimination, seasonal variation, and inter- and intraspecific variation; David T. Holyoak, birds of south-east Polynesia; Paul A. Johnsgard, shorebirds in the collection of the American Museum of Natural History; Ellen Joan Johnson, nestling ecology of the Gray Catbird; David W. Johnston, an atlas of avian uropygial glands; Ronald L. Kalinoski, polygyny in the Bobolink: female-female aggression, male courtship, and male parental investment; James A. Kushlan, foraging ecology

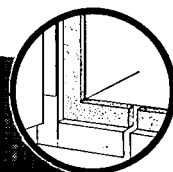
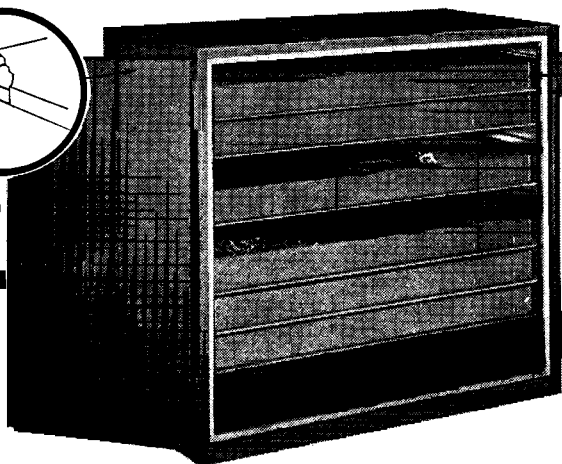
of the Lava Heron; Peter B. Landres, community organization of arboreal birds in oak woodlands; Dirk V. Lanning and Peter W. Lawson, spring behavior of the Maroon-fronted Parrot, *Rhynchopsitta terrisi*, in northeastern Mexico; John Lazarus, breeding behavior of the Harlequin Duck (*Histrionicus histrionicus*) in Iceland; Phillip D. Long, mating structure of the Crested Tinamou (*Eudromia elegans*); Patrick David McArthur, individual recognition, inter-flock recognition, and geographic variations in vocalizations of the Piñon Jay; Elizabeth P. Mallory, changes in foraging behavior in Whimbrels (*Numenius phaeopus*): a comparison among their breeding, migratory, and wintering ranges; Thomas E. Martin, niche plasticity of selected parulid species throughout their annual cycle; Paul Mason, ecology of brood parasitism in two South American molothrine cowbirds; Jacob H. Miller, competitive interactions between two species of laridae in a Minnesota breeding colony; Edward O. Minot, competition in Blue Tits and Great Tits; William Albert Mitchell, effects of resource predictability on a guild structured by discrete resource preferences; Lynn J. Moseley, extent of individual recognition in different vocalizations of Least Terns (*Sterna albifrons*); Diane Petrula, breeding adaptations in pelagic birds; Benedict C. Pinkowski, habitat, foraging, and territorial relations in the avian genus *Sialia*; Alan F. Poole, reproductive recovery in Long Island Sound ospreys; H. Douglas Pratt, ornithological expedition to Micronesia; Yves Prévost, wintering ecology of ospreys in Sénégal and Gambia; Trevor D. Price, natural selection and competition in two species of Darwin's finches; Kerry Paul Reese, influence of social behavior on the fitness of the Black-billed Magpie; James Reichel, hybridization and possible isolating mechanisms between Black- and Gray-crowned rosy finches; James V. Remsen, Jr., geographical variation in bill morphology in neotropical kingfishers; Terrel D. G. Rich, multivariate analysis of geographic variation in the song of Brewer's Sparrow; Douglas Schamel and Diane Tracy, comparative behavioral ecology of breeding Red and Northern phalaropes in arctic Alaska; Dolph Schluter, analysis of ecological separation of *Geospiza fuliginosa* and *G. difficilis*; Christine Sheppard, role of nest feathering in the reproductive success of Tree Swallows; Gary W. Shugart and Mary A. Fitch, polygyny in Herring Gulls (*Larus argentatus*): a new mating system's occurrence in a monogamous species; Helmut Sick, identification of Brazilian birds; Barbara K. Snow, feeding niches of a hummingbird community at temperate levels in the Colombian Andes; Tex A. Sordahl, anti-predator behavior and parental care in the American Avocet and Black-necked Stilt; Christopher Hall Stinson, reproductive ecology of ospreys; Simon Nicolas Stuart, effect of habitat modification upon the distribution and abundance of the forest birds in some Tanzanian mountainous areas; Mary Anne Sydlik, optimal allocation of reproductive effort in the Zebra Finch; Laszlo J. Szijj, dominance hierarchy and territory quality in certain California songbirds; Betsy Trent Thomas, cooperative breeding of the White-bearded Flycatcher (*Conopias inornata*); Thomas Thurow, feeding ecology and reproductive strategies of the Bat Hawk; Kimberly Titus, habitat requirements of breeding woodland raptors in western Maryland; Pepper W. Trail, reproductive success and female choice in the Cocks-of-the-rock (*Rupicola*): a pilot study; Declan Troy, phenetic and karyological study of the systematic relationships of the redpolls; Thomas Webber, postural displays of Florida Scrub Jays (*Aphelocoma coerulescens coerulescens*); Melinda J. Welton, territory size and breeding density in the Song Sparrow (*Melospiza melodia*); Kenneth N. Whetstone, cranial morphology of archosaurs and birds: implications for avian origins and interrelationships; Mary F. Willson, space-use and foraging patterns of understory frugivorous birds in Panama; Scott Richard Winterstein, evolutionary aspects of the social system of the Beechey Jay (*Cyanocorax beecheii*); D. Scott Wood, quantitative phylogenetic analysis of the Ciconiiformes; Andrea H. Worthington, foraging on a changing mosaic of food availability—a study of tropical frugivory.

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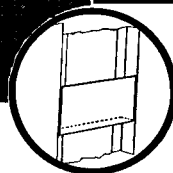
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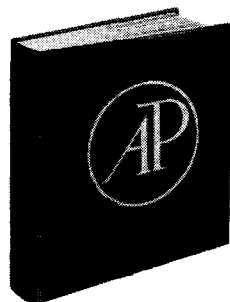
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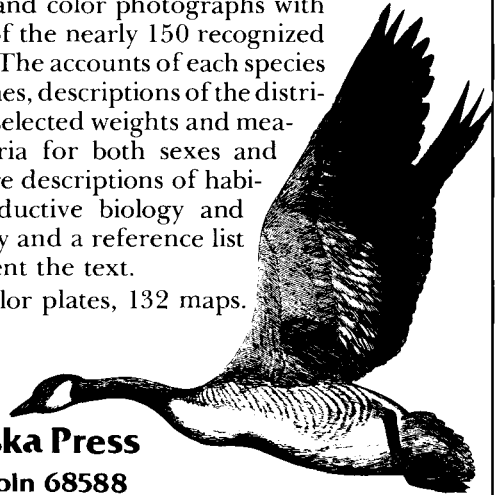
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A more detailed set of instructions for contributors appeared in *The Auk*, Vol. 94, No. 1 (January 1977), copies of which are available from the Editor.

Publication Announcement
Ornithological Monographs No. 26

ECOLOGY AND BEHAVIOR OF THE
PRAIRIE WARBLER *DENDROICA DISCOLOR*

by
VAL NOLAN, JR.



The American Ornithologists' Union is proud to announce the publication in early 1978 of *Ornithological Monographs* No. 26, *Ecology and Behavior of the Prairie Warbler Dendroica discolor*, by Val Nolan, Jr. Over 600 pages long, with 188 tables and 42 figures (including a color frontispiece), this monumental work constitutes the most comprehensive study of a single species of bird ever published. Its thoroughly quantitative approach, complete index, and extensive cross-referencing will make it an indispensable reference work for all students of vertebrate life history. The imaginative approach of the author and his careful analysis of hundreds of life history phenomena will surely be a strong impetus to research on a wide range of topics by amateur and professional alike.

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