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## Florida Birds in the Periodical Literature

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tive Wildlife Research Unit Work Order No. 40. This paper is contribution 8455 of the Journal Series, Florida Agricultural Experiment Station, Gainesville, Florida.

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Florida Field Naturalist 16: 14-16, 1988.

## FLORIDA BIRDS IN THE PERIODICAL LITERATURE

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This list contains 86 citations to recent (1985-1986) articles about Florida birds except those published in *Florida Field Naturalist* and the seasonal reports in *American Birds*. Authors are encouraged to send reprints of their articles to the compiler for inclusion in this annual feature.

- ALLEN, J. L., H. D. MARTIN, AND A. M. CROWLEY. 1985. Metastatic holangiocarcinoma in a Florida Sandhill Crane. *J. Am. Vet. Med. Assoc.* 187: 1215.—*Grus canadensis pratensis*.
- ATKINSON C. T., E. C. GREINER, and D. J. FORRESTER. 1986. Pre-erythrocytic development and associated host responses to *Haemoproteus meleagridis* (Heamosporina:Haemoproteidae) in experimentally infected domestic turkeys. *J. Protozool.* 33: 375-381.—Blood parasites of Wild Turkeys transmitted by mosquitoes to disease-free domestic turkeys penned at Fisheating Creek, Glades Co.
- BANCROFT, G. T. 1986. Nesting success and mortality of the Boat-tailed Grackle. *Auk* 103: 86-99.—As studied in Hillsborough and Pinellas co.
- BECKER, J. J. 1985. *Pandion lovensis*, a new species of Osprey from the late Miocene of Florida. *Proc. Biol. Soc. Wash.* 98: 314-320.
- BECKER, J. J. 1986. Reidentification of "*Phalacrocorax subvolans*" Brodkorb as the earliest record of Anhingidae. *Auk* 103: 804-808.—*Anhinga subvolans* from early Miocene of Florida.
- BECKER, J. J. 1986. A new vulture (Vulturidae: *Pliogypus*) from the late Miocene of Florida. *Proc. Biol. Soc. Wash.* 99: 502-508.—*P. charon* n. sp.
- BECKER, J. J. 1986. A fossil motmot (Aves:Momtidae) from the late Miocene of Florida. *Condor* 88: 478-482.—Presence of a motmot in Florida prior to the land connection between the Americas suggest motmots invaded South America from North America.
- BESSINGER, S. R. 1986. Anisogamy overcome: female strategies in Snail Kites. *Amer. Nat.* 129: 486-500.—Based on studies in southern Florida (Lake Okeechobee region and State Water Conservation Area 3A).
- BESSINGER S. R. 1986. Demography, environmental uncertainty, and the evolution of mate desertion in the Snail Kite. *Ecology* 67: 1445-1459.—See Bessinger 1986 above.
- BILDSTEIN, K. L., AND M. W. COLLOPY. 1985. Escorting flight and agonistic interactions in wintering Northern Harriers. *Condor* 87: 398-401.—As studied at a South Carolina salt marsh and Paynes Prairie, Alachua Co.
- BOHALL-WOOD, P., AND M. W. COLLOPY. 1986. Abundance and habitat selection of two American Kestrel subspecies in north-central Florida. *Auk* 103: 557-563.—Based on roadside transects in Alachua, Clay, Levy, Marion, Putnam, and Union co.

- BOYD, R. L., AND C. C. CINK. 1986. Thirty-eighth winter bird-population study. *Amer. Birds* 40: 73-74.—Included notice of: Loftin, Richter, and West, 24. Barrier beach and saltwater estuary; Duval Co., N side of St. Johns River.
- BREITWISCH, R., M. DIAZ, N. GOTTLIEB, R. LEE, AND J. ZAIAS. 1986. Defense of fall territories by mated and unmated Northern Mockingbirds in southern Florida. *J. Field Ornithol.* 57: 16-21.—Dade Co.
- BREITWISCH, R., P. G. MERRITT, AND G. H. WHITESIDES. 1986. Parental investment by the Northern Mockingbird: male and female roles in feeding nestlings. *Auk* 103: 152-159.—Dade Co.
- BREITWISCH, R., R. C. RITTER, AND J. ZAIAS. 1986. Parental behavior of a bigamous male Northern Mockingbird. *Auk* 103: 424-427.—Dade Co.
- BRINKER, D. F., AND T. C. ERDMAN. 1985. Characteristics of autumn Red-tailed Hawk migration through Wisconsin. Pp. 107-136 in *Proceedings of Hawk Migration Conference IV* (Harwood, M., ed.). Hawk Migration Association of America, Rochester, N. Y.—Maps show 4 Florida recoveries of birds banded as migrants in Wisconsin.
- CLAPP, R. B., AND W. B. ROBERTSON. 1986. Nesting of the Masked Booby on the Dry Tortugas, Florida: the first record for the contiguous United States. *Colon. Waterbirds* 9: 113-116.—Monroe Co.
- CLARK, W. S. 1985. The migrating Sharp-shinned Hawk at Cape May Point: banding and recovery results. Pp. 137-148 in *Proceedings of Hawk Migration Conference IV* (Harwood, M. ed.). Hawk Migration Association of North America, Rochester, N. Y.—Maps show 37 Florida recoveries of birds banded in New Jersey.
- COCHRAN, W. W. 1985. Ocean migration of Peregrine Falcons: is the adult male pelagic? Pp. 223-237 in *Proceedings of Hawk Migration Conference IV* (Harwood, M. ed.). Hawk Migration Association of America, Rochester, N. Y.—Includes records of a radio-tagged male along the east coast of Florida, and its flight from Key Largo to Cuba.
- CONTI, J. A., D. J. FORRESTER, AND S. A. NESBITT. 1985. Parasites of Limpkins, *Aramus guaranauna*, in Florida. *Proc. Helminthol. Soc. Wash.* 52: 140-142.—Birds collected from Marion and Lake co.
- CONTI, J. A., R. K. FROHLICH, AND D. J. FORRESTER. 1985. Experimental transfer of *Trichomonas gallinae* (Rivolta, 1878) from White-winged Doves to Mourning Doves. *J. Wildl. Dis.* 21: 229-232.—Birds trapped from Broward and Dade co. and Alachua Co., respectively.
- CONTI, J. A., D. J. FORRESTER, AND R. T. PAUL. 1986. Parasites and diseases of Reddish Egrets (*Egretta rufescens*) from Texas and Florida. *Trans. Am. Micros. Soc.* 105: 79-82.
- COWARD S. J. 1986 (1985). Opportunistic feeding behavior in Red-shouldered Hawks. *Oriole* 50: 38-39.—Foraging from the ground for prey, presumably rodents, Myakka River State Park, Sarasota Co.
- CURRIE, N. W., D. A. HOPKINS, AND M. HARWOOD. 1985. A review of Broad-winged Hawk migrations. Pp. 167-191 in *Proceedings of Hawk Migration Conference IV* (Harwood M. J., ed.). Hawk Migration Association of America, Rochester, N. Y.—Includes brief discussion of migration sightings from southern Florida.
- DELANY, M. F. 1986. Bird bands recovered from American alligator stomachs in Florida. *North Amer. Bird Bander* 11: 92-94.—At 3 lakes in Alachua Co.
- DELANY, M. F., AND C. L. ABERCROMBIE. 1986. American alligator food habits in north-central Florida. *J. Wildl. Manage.* 50: 348-353.—Stomach content analysis includes 32 bird items of which 17 were undetermined. Alachua Co.
- DEVINE, A., D. G. SMITH, AND M. SZANTYR. 1985. Barred Owl hunting insects. *Raptor Res.* 19: 145.—Blue Springs State Park, Orange Co.
- FITZPATRICK, J. W., AND G. E. WOOLFENDEN. 1986. Demographic routes to cooperative breeding in some New World jays. Pp. 137-160 in *Evolution of behavior* (Nitecki, M.

- H. and J. A. Kitchell, eds.). Oxford Univ. Press, New York.—Includes data from Florida Scrub Jays at Archbold Biological Station, Highlands Co.
- FRASER, J. D., AND D. R. LUUKKONEN. 1986. The Loggerhead Shrike. Audubon Wildl. Rept. 1986: 933-941.—Overview of natural history and population trends with summary of the meager Florida data.
- GEANANGEL, C. 1986. Brown Pelicans in Polk County, Florida. Lake Region Nat. 1986-1987: 17.—Discussion of upswing in recent records.
- GREVE, J. H. E. A. 1986. Pathology of gastrointestinal helminthiasis in the Brown Pelican (*Pelecanus occidentalis*). Avian Dis. 30: 482-487.—Based on Florida birds.
- HAIG, S. M., AND L. W. ORING. 1985. Distribution and status of the Piping Plover throughout the annual cycle. J. Field Ornithol. 56: 334-345.—Florida information includes winter population (1984) and sightings of color banded birds.
- HALL, G. A. 1986. Allegheny Front Migration Observatory: fall migration 1985. Redstart 53: 92-95.—Includes record of a Rose-breasted Grosbeak banded September 1984, West Virginia, recovered 22 days later in Port St. Joe, Gulf Co.
- HANEY, J. C. 1985. Wintering phalaropes off the southeastern United States: application of remote sensing imagery to seabird habitat analysis at oceanic fronts. J. Field Ornithol. 56: 321-333.
- HANEY, J. C. 1986 (1985). Marine distribution, seasonal abundance, and ecology of phalaropes in the Georgia Embayment. Oriole 50: 23-31.—Data includes some northern Florida offshore counts. Includes observation, 5 May 1984, of *Oceanites oceanicus*, *Sterna hirundo*, *S. antillarum*, *S. anaethetus*, and *Childonias niger* foraging at a sargassum line with phalaropes.
- HANEY, J. C., AND L. A. MCGILLIVARY. 1985. Aggregations of Cory's Shearwaters (*Calonectris diomedea*) at Gulf Stream fronts. Wilson Bull. 97: 191-200.—Data from transects off Jacksonville and New Smyrna Beach.
- HARRINGTON, B. A. 1986. Red Knot. Audubon Wildl. Rep. 1986: 871-886.—Overview of natural history, migration routes, diet, population trends, and management with mention of Gulf coast winter population.
- HARRIS, L. D., AND E. S. WALLACE. 1986 (1984). Breeding bird species in Florida forest fragments. Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies 38: 87-96.—In northern Florida "within 20 km of San Felasco State Preserve"; probably Alachua Co.
- HENNEMANN, W. E. I. 1985. Energetics, behavior, and the zoography of Anhingas and Double-crested Cormorants. Ornis Scand. 16: 319-323.—Based in part on analysis of Christmas Bird Counts, 1977-1981, including Florida Anhingas.
- HOHMAN, W. L. 1986 (1984). Diurnal time-activity budgets for Ring-necked Ducks wintering in Central Florida. Proc. Annu. Conf. Southeast. Fish Wildl. Agencies 38: 158-164.—At a phosphate mine settling pond, Polk Co.
- HOVIS, J. A., AND R. F. LABISKY. 1985. Vegetative associations of Red-cockaded Woodpecker colonies in Florida. Wildl. Soc. Bull. 13: 307-314.—In Apalachicola National Forest.
- HUMPHREY, S. R., J. F. EISENBERG, AND R. FRANZ. 1985. Possibilities for restoring wildlife of a longleaf pine savanna in an abandoned citrus grove. Wildl. Soc. Bull. 13: 487-496.—Compares Orange Co. grove with Putnam Co. pinelands; includes bird population data.
- JEHL, J. R., AND P. K. YOCHUM. 1986. Movements of Eared Grebes indicated by banding recoveries. J. Field Ornithol. 57: 208-212.—Includes 1961 record of a nestling banded in Saskatchewan recovered the same year on Panhandle coast.
- JOHNSON, F. A., F. MONTALBANO, AND T. C. HINES. 1984. Population dynamics and status of the Mottled Duck in Florida. J. Wildl. Manage. 48: 1137-1143.—Based on band recoveries and harvest survey information.

- KALE, H. W., II. 1986. In Memoriam: Charles Russell Mason, 1895-1983. *Auk* 103: 209.
- KAUTZ, R. S. 1986 (1984). Criteria for evaluating impacts of development on wildlife habitats. *Proc. Annu. Conf. Southeast. Fish Wildl. Agencies* 38: 121-136.—Includes brief information on number of bird species utilizing north Florida habitat types.
- KENT, D. M. 1986. Foraging efficiency of sympatric egrets. *Colon. Waterbirds* 9: 25-30.—Tampa Bay, Hillsborough and Pinellas co.
- KENT, D. M. 1986. Behavior, habitat use, and food of three egrets in a marine habitat. *Colon. Waterbirds* 9: 81-85.—See Kent 1986 above.
- KILHAM L. 1986. Vocalizations by female American Crows early in the nesting period. *J. Field Ornithol.* 57: 309-319.—Highlands Co.
- KOENIG, W. D. 1986. Geographical ecology of clutch size variation in North American woodpeckers. *Condor* 88: 499-504.—Data for some species from Florida latitudes.
- KUSHLAN, J. A. 1986. Responses of wading birds to seasonally fluctuating water levels: strategies and their limits. *Colon. Waterbirds* 9: 155-162.—Based on studies done in southern Florida Everglades on White Ibis and Wood Storks.
- KUSHLAN, J. A., AND P. C. FROHRING. 1985. Decreases in the Brown Pelican population in southern Florida. *Colon. Waterbirds* 8: 83-95.—Primarily in Everglades Natl. Park, Florida Bay, and the lower Florida Keys, Collier, Dade, and Monroe co.
- KUSHLAN, J. A., AND P. C. FROHRING. 1986. The history of the southern Florida Wood Stork population. *Wilson Bull.* 98: 368-386.
- LANDERS, J. L., AND B. S. MUELLER. 1986. Bobwhite Quail management: a habitat approach. *Tall Timbers Res. Stn. Misc. Publ.* 6: 1-39.—As studied at Tall Timbers Research Station, Leon Co.
- MACRAE, D. 1985. Over-water migration of raptors: review of the literature. Pp. 75-98 in *Proceedings of Hawk Migration Conference IV* (Harwood, M., ed.). Hawk Migration Association of America, Rochester, N.Y.—Includes brief discussion of migration from Florida to West Indies.
- MAEHR, D. S., AND W. R. MARION. 1986 (1984). Bird abundance and distribution in a north Florida phosphate mine. *Proc. Annu. Conf. Southeast. Fish Wildl. Agencies* 38: 111-120.—Hamilton Co.
- MAGER, D. 1985. Charley Broley in Florida. *Proc. Bald Eagle Days* 1983: 17-24.
- MCCOMB, W. C., S. A. BONNEY, R. M. SHEFFIELD, AND N. D. COST. 1986. Snag resources in Florida—are they sufficient for average populations of primary cavity-nesters? *Wildl. Soc. Bull.* 14: 40-48.—Data collected randomly from commercial forest land statewide.
- MCGOWAN, K. J., AND G. E. WOOLFENDEN. 1986. Aerial rain bathing by Common Nighthawks. *Wilson Bull.* 98: 612-613.—At Archbold Biological Station, Highlands Co.
- MCINTYRE, J. W. 1986. Common Loon. *Audubon Wildl. Rept.* 1986: 679-695.—Overview of natural history, migration, population trends, and management with mention of Florida's winter population.
- MOORE, J., M. FREEHLING, AND D. SIMBERLOFF. 1986. Gastrointestinal helminths of the Northern Bobwhite in Florida: 1968 and 1983. *J. Wildl. Dis.* 22: 497-501.—At Tall Timbers Research Station, Leon Co.
- NAYAR, J. K., AND D. J. FORRESTER. 1985. Susceptibility of *Culex nilgripalpus* to several isolates of *Plasmodium hermani* from Wild Turkeys in Florida. *J. Amer. Mosq. Control Assoc.* 1: 253-255.
- NORTON, R. L. 1986. Recoveries of Sooty Terns (*Sterna fuscata*) on Saba Cay, St. Thomas, U. S. Virgin Islands. *J. Field Ornithol.* 57: 226-228.—Includes 5 birds banded on Dry Tortugas, Monroe Co.
- O'MEARA, T. E. 1986 (1984). Habitat-island effects on the avian community in cypress ponds. *Proc. Annu. Conf. Southeast. Assoc. Fish Wildl. Agencies* 38: 97-110.—Osceola Co.

- OGDEN, J. C. 1985. The Wood Stork. Audubon Wildl. Rept. 1985: 459-470.—Review; natural history, historical perspective, current trends, and management in Florida.
- ORR, O. H. 1986. T. Gilbert Pearson: the early years. Chat 50: 29-41.—Includes information about Pearson's pre-college days studying birds in Alachua Co.
- PORTER, M. L., M. W. COLLOPY, R. F. LABISKY, AND R. C. LITTELL. 1985. Foraging behavior of Red-cockaded Woodpeckers: an evaluation of research methodologies. J. Wildl. Manage. 49: 505-507.—At St. Marks NWR and Ochlockonee State Park, Wakulla Co.
- PORTER, M. L., AND R. F. LABISKY. 1986. Home range and foraging habitat of Red-cockaded Woodpecker in northern Florida. J. Wildl. Manage. 50: 239-247.—Apalachicola National Forest, Liberty Co.
- POWELL, G. V. N., AND A. H. POWELL. 1986. Reproduction by Great White Herons *Ardea herodias* in Florida Bay as an indicator of habitat quality. Biol. Conserv. 36: 101-113.—In Dade and Monroe co.
- REPENNING, R. W., AND R. F. LABISKY. 1985. Effects of even-age timber management on bird communities of the longleaf pine forest in northern Florida. J. Wildl. Manage. 49: 1088-1098.—In western district of Apalachicola National Forest.
- ROBINS, C. S., D. BYSTRACK, AND P. H. GEISSLER. 1986. The breeding bird survey: its first fifteen years, 1965-1979. U. S. Fish Wildl. Serv. Resour. Publ. No. 157.—Includes 22 range maps generated by BBS data, with 13 of Florida passerines.
- SEALY, S. G. 1986. Fall migration of Northern Orioles: an analysis of tower-killed individuals. N. Amer. Bird Bander 11: 43-45.—Included data from 7 Leon Co. specimens.
- SIMONS, M. M. 1985. Beached bird survey project on the Atlantic and Gulf coasts, December 1, 1975 to November 30, 1983. Amer. Birds 39: 358-362.—Includes Florida.
- SUNDLOF, S. F., D. J. FORRESTER, N. P. THOMPSON, AND M. W. COLLOPY. 1986. Residues of chlorinated hydrocarbons in tissues of raptors in Florida. J. Wildl. Dis. 22: 71-82.—Dead and moribund Falconiformes and Strigiformes (n = 75) from 18 counties, 1971-1981.
- SYKES, P. W. 1985. Pesticide concentrations in Snail Kite eggs and nestlings in Florida. Condor 87: 438.
- SYKES, P. W. 1986. North Carolina, South Carolina, Georgia, Florida. Amer. Birds 40: 1037-1039.—Summary of Christmas Bird Counts, 1985-1986.
- TAYLOR, P. 1986. Osprey captures gray squirrel. Raptor Res. 20: 76.—At Blue Springs State Recreation Area, Volusia Co.
- TAYLOR, W. K., AND M. A. KERSHNER. 1986. Migrant birds killed at Vehicle Assembly Building (VAB), John F. Kennedy Space Center. J. Field Ornithol. 57: 142-154.—Brevard Co.
- THUL, J. E. 1985. Parasitic arthropods of Wood Ducks, *Aix sponsa* L., in the Atlantic flyway. J. Wildl. Dis. 21: 316-318.—Includes birds collected from 7 Florida localities.
- THUL, J. W., D. J. FORRESTER, AND C. L. ABERCROMBIE. 1985. Ecology of parasitic helminths of Wood Ducks, *Aix sponsa*, in the Atlantic flyway. Proc. Helminthol. Soc. Wash. 52: 297-310.—Includes birds collected from 7 Florida localities.
- VAN VELZEN, W. T., AND A. C. VAN VELZEN. 1986. Forty-ninth breeding bird census. Amer. Birds 40: 69-72.—Includes notice of: McDonald, M. V., 92. Gulf coast salt marsh; Levy Co., Cedar Key-6 km NNW.
- WASSER, J. S. 1986. The relationship of energetics of Falconiform birds to body mass and climate. Condor 88: 57-62.—Used long-term captives, most from Santa Fe Community College Teaching Zoo, Gainesville; two birds definitely from Florida.
- WESTFALL, M. A. 1986. Osprey. Audubon Wildl. Rept. 1986: 889-909.—Overview of natural history and management with brief mention of Florida population trends.

- WHITE, T. 1986. Collared Dove: the next new North American species? *Birding* 18: 150-152.—Brief discussion of species spread through western Europe and Iceland; its presence on the Bahamas; and field marks. Includes photo from Homestead, Dade Co., June 1986.
- WOOLFENDEN, G. E., AND J. W. FITZPATRICK. 1986. Sexual asymmetries in the life history of the Florida Scrub Jay. Pp. 87-107 *in* *Ecological aspects of social evolution* (Rubenstein, D. I. and R. W. Wrangham eds.). Princeton Univ. Press, Princeton.—Based on work done at Archbold Biological Station, Highlands Co.
- ZINK, R. M., AND J. V. REMSEN. 1986. Evolution processes and patterns of geographic variation in birds. *Curr. Ornithol.* 4: 1-69.—Lists dark, pale, and other subspecies of the Florida peninsula.

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## REVIEWS

**Birds of south Florida, an interpretive guide.**—Connie Toops and Willard E. Dille. 1986. Conway, Arkansas. River Road Press. 150 pp., 1 figure, 51 photographs, 2 maps. Soft cover, \$9.50.—This is an introduction to the birds of south Florida for beginning birders and visitors. It is an attractive, generally well-written guide to a fascinating region. The many photographs add to the appeal of the book; they are of fine quality.

Chapters One and Two describe the birding environment in south Florida. Chapter One, *Wings Over South Florida*, discusses the geographical, climatological, and historical framework of birding in this area. In it are discussed such topics as plume hunting and the influence of the Caribbean on this avifauna. "South Florida" is not closely defined, which is perhaps as it should be. The map is difficult to interpret with all the similar colors and overlays. Chapter Two, *Land Unlike Any Other*, describes the major habitats of birds in south Florida. The comments on appropriate birding behavior around rookeries are especially well put. I like the treatment of urban and suburban habitats. South Florida has some very fine city parks that provide excellent birding.

Chapter Three, *Best Birding: a Review of Parks and Refuges*, describes the many parks and refuges. A nice feature is the addresses and phone numbers given for many of the areas. Some of the information is a little dated; Bayfront Park in downtown Miami has not existed for two years.

Chapter Four, *The Birds of South Florida*, is an annotated list of birds. The list scrupulously follows the Sixth Edition of the A.O.U. Check-list (*American Ornithologists' Union 1983, Check-list of North American Birds, sixth edition, Lawrence, Kansas: Allen Press*) in nomenclature and order. Each species account follows a similar pattern: abundance, season, habitat, and notes.

For the most part, this list is extremely up-to-date. Mentioned in the notes are the nesting of Black-shouldered Kites in Broward County in 1986 and the Collared Doves, which were first noticed in south Dade County in 1986. There is no mention, however, of the Bahama Mockingbird in a suburban backyard in West Palm Beach in 1985. The Shiny Cowbirds that appeared in the Keys in 1985 and 1986 are not mentioned. There is some dated information here, as well. The Snail Kite, for instance, is listed as "most likely to be seen at Loxahatchee, where it nests." Snail Kites have become very scarce at Loxahatchee in recent years, at least in areas accessible to the casual birder. I was particularly distressed to see the Java Sparrow still on the main list. Unfortunately, that bird is harder to exterminate in print than in the wild!

This list was obviously compiled from the published lists of the major parks and refuges with some help from Christmas Bird Counts; smaller, often as productive, areas are given