

FWS/OBS-81/24
January 1982
Reprinted September 1985

THE ECOLOGY OF THE MANGROVES OF SOUTH FLORIDA:
A COMMUNITY PROFILE

by

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Performed for
National Coastal Ecosystems Team
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Fish and Wildlife Service
U.S. Department of the Interior
Washington, D.C. 20240

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APPENDIX D. Avifauna of south Florida mangrove swamps.

WADING BIRDS

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Great Egret (<u>Casmerodius albus</u>)	Common	Yr	Y	Fish	Howell 1932 Kushlan & White 1977a
Snowy Egret (<u>Egretta thula</u>)	Common	Yr	Y	Fish	Howell 1932 Kushlan & White 1977a Ffrench 1966
Cattle Egret (<u>Bubulcus ibis</u>)	Common	Yr	Y	Fish	Howell 1932 Kushlan & White 1977a
Great White Heron (<u>Ardea herodias occidentalis</u>)	Rare	Yr	Y	Fish	Howell 1932 Kushlan & White 1977a
Great Blue Heron (<u>Ardea herodias</u>)	Common	Yr	Y	Fish	Howell 1932 Kushlan & White 1977a
Reddish Egret (<u>Dichromanassa rufescens</u>)	Uncommon	Yr	Y	Fish	Howell 1932 Kushlan & White 1977a
Louisiana Heron (<u>Hydranassa tricolor</u>)	Common	Yr	Y	Fish	Kushlan & White 1977a Maxwell & Kale 1977 Girard & Taylor 1979
Little Blue Heron (<u>Florida caerulea</u>)	Common	Yr	Y	Fish	Kushlan & White 1977a Maxwell & Kale 1977 Girard & Taylor 1979
Green Heron (<u>Butorides striatus</u>)	Common	Yr	Y	Fish	Robertson & Kushlan 1974 Maxwell & Kale 1977 Girard & Taylor 1979
Black-crowned Night Heron (<u>Nycticorax nycticorax</u>)	Common	Yr	Y	Fish, crustaceans, frogs, mice	Ffrench 1966 Maxwell & Kale 1977 Girard & Taylor 1979
Yellow-crowned Night Heron (<u>Nyctanassa violacea</u>)	Common	Yr	Y	Fish, crayfish, crabs	Ffrench 1966 Girard & Taylor 1979
Least Bittern (<u>Ixobrychus exilis</u>)	Uncommon	Yr	Y	Fish	Ffrench 1966
American Bittern (<u>Botaurus lentiginosus</u>)	Uncommon	W,T	Y	Crayfish, frogs, small fishes	Narcisse, pers. comm. ^b
Wood Stork (<u>Mycteria americana</u>) (locally abundant)	Common	Yr	Y	Fish	Kahl 1964 Ogden et al. 1976 Kushlan 1979
Glossy Ibis (<u>Plegadis falcinellus</u>)	Uncommon	Yr	Y	Fish	Bacon 1970 Howell 1932
White Ibis (<u>Eudocimus albus</u>)	Abundant	Yr	Y	Fish, crabs (<u>Uca</u>)	Kushlan 1979 Kushlan & Kushlan 1975 Girard & Taylor 1979
Roseate Spoonbill (<u>Ajaia ajaja</u>)	Rare to Uncommon	Yr	Y	Shrimp, fish, aquatic vegetation	Kushlan & White 1977a Howell 1932
Sandhill crane (<u>Grus canadensis</u>)	Rare	Yr		Roots, rhizomes of <u>Cyperus</u> & <u>Sagittaria</u>	Ogden 1969 Howell 1932
Limpkin (<u>Aramus guarauna</u>)	Rare	Yr	Y	Snails (<u>Pomacea</u>)	Howell 1932 Bacon 1970

PROBING SHORE BIRDS

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
King Rail (<i>Rallus elgans</i>)	Common	Yr		Beetles, grass-hoppers, aquatic bugs	Narcisse, pers. comm. Martin et al. 1951
Clapper Rail (<i>Rallus longirostris</i>)	Uncommon-common	Yr	Y	Crabs, shrimp	Howell 1932 Ffrench 1966 Bacon 1970
Virginia Rail (<i>Rallus limicola</i>)	Rare	W		Beetles, snails, spiders	Marcisse, pers. comm. Martin et al. 1951
Sora (<i>Porzana carolina</i>)	Uncommon to locally abundant	W		Insects, seeds of emergent aquatic plants	Howell 1932 Bacon 1970
Black Rail (<i>Laterallus jamaicensis</i>)	Rare	W		Beetles, snails	Narcisse, pers. comm.
Semipalmated Plover (<i>Charadrius semipalmatus</i>)	Locally common	W,T		Crustaceans, mollusks	Ffrench 1966 Bacon 1970 Baker & Baker 1973
Wilson's Plover (<i>Charadrius wilsonia</i>)	Locally common	W,T		Crabs, shrimp, crayfish	Howell 1932 Bacon 1970
Black-bellied Plover (<i>Pluvialis squatarola</i>)	Common	W		Crabs, mollusks	Howell 1932 Bacon 1970 Ffrench 1966
Ruddy Turnstone (<i>Arenaria interpres</i>)	Common	W		Insects, crustaceans, mollusks	Ogden 1969 Howell 1932
Common Snipe (<i>Capella gallinago</i>)	Uncommon	W,T		Mollusks, insects, worms	Howell 1932 Bacon 1970
Long-billed Curlew (<i>Numenius americanus</i>)	Rare-uncommon	W,T		Crustaceans, insects	Ogden 1969
Whimbrel (<i>Numenius phaeopus</i>)	Uncommon	W		Mollusks, crustaceans, worms, insects	Ogden 1968 Howell 1932
Spotted Sandpiper (<i>Actitis macularia</i>)	Abundant	W,T		Mollusks, crustaceans	Ffrench 1966 Bacon 1970 Russel 1980
Solitary Sandpiper (<i>Tringa solitaria</i>)	Common	W,T		Crustaceans, aquatic insects, small frogs	Howell 1932 Bacon 1970
Willet (<i>Catoptrophorus semipalmatus</i>)	Common	Yr	Y	Crabs, crayfishes, killifishes	Howell 1932 Bacon 1970
Greater Yellowlegs (<i>Tringa melanoleucas</i>)	Common	W,T		Fishes, crabs, crustaceans	Howell 1932 Ffrench 1966 Bacon 1970
Lesser Yellowlegs (<i>Tringa flavipes</i>)	Common	W,T		Snails, mollusks, crabs	Ffrench 1966 Bacon 1970 Baker & Baker 1973
Red Knot (<i>Calidris canutus</i>)	Uncommon	W,T		Marine worms, crustaceans	Howell 1932 Ogden 1964
Dunlin (<i>Calidris alpina</i>)	Common	W		Marine worms, mollusks	Ogden 1964 Baker & Baker 1973
White-rumped Sandpiper (<i>Calidris fuscicollis</i>)	Rare	T		Chironomids, snails	Howell 1932 Bacon 1970

PROBING SHOREBIRDS (concluded)

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Least Sandpiper (<u>Calidris minutilla</u>)	Common	W,T		Pupae of beetles and flies	Bacon 1970 Baker & Baker 1973
Short-billed Dowitcher (<u>Limnodromus griseus</u>)	Common	W,T		Mollusks, crustaceans	Bacon 1970 Baker & Baker 1973
Stilt Sandpiper (<u>Micropalama himantopus</u>)	Rare-uncommon	W,T		Chironomids	Howell 1932 Bacon 1970
Semipalmated Sandpiper (<u>Calidris pusilla</u>)	Common- abundant	W,T		Mollusks, insects	Bacon 1970 Baker & Baker 1973
Western Sandpiper (<u>Calidris mauri</u>)	Common- abundant	W,T		Chironomids	Howell 1932 Bacon 1970
Marbled Godwit (<u>Limosa fedoa</u>)	Rare-common	W		Crustaceans, mollusks, seeds of emergent aquatic plants	Howell 1932
American Avocet (<u>Recurvirostra americana</u>)	Uncommon	W,T		Marine worms, aquatic insects	Ogden 1969
Black-necked Stilt (<u>Himantopus mexicanus</u>)	Common	S		Aquatic beetles	Howell 1932 Bacon 1970

SURFACE AND DIVING BIRDS

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Common Loon (<i>Gavia immer</i>)	Occasional	W		Fish, crabs, mollusks	Narcisse, pers. comm.
Horned Grebe (<i>Podiceps auritus</i>)	Uncommon	W		Fish, aquatic insects, mollusks	Ogden 1969
Pied-billed Grebe (<i>Podilymbus podiceps</i>)	Uncommon- common	Yr		Crayfish, fish, mollusks	Narcisse, pers. comm.
White Pelican (<i>Pelecanus erythrorhynchos</i>)	Rare Common	S W		Fish	Narcisse, pers. comm.
Brown Pelican (<i>Pelecanus occidentalis</i>)	Common	Yr	Y	Fish	Ffrench 1966 Bacon 1970
Double-crested cormorant (<i>Phalacrocorax auritus</i>)	Common	Yr	Y	Fish	Kushlan & White 1977a
Anhinga (<i>Anhinga anhinga</i>)	Common	Yr	Y	Fish	Ffrench 1966
Fulvous Whistling Duck (<i>Dendrocygna bicolor</i>)	Uncommon	W			Ogden 1969 Smith, pers. obs.
Mallard (<i>Anas platyrhynchos</i>)	Uncommon	W,T		Widgeon grass	Ogden 1969 Kushlan et al., in prep.
Black Duck (<i>Anas rubripes</i>)	Rare	W,T		Mollusks, crusta- ceans, widgeon grass	Ogden 1969
Mottled Duck (<i>Anas fulvigula</i>)	Uncommon	Yr	Y	<i>Polygonum</i> , snails, <i>Ruppia</i>	LaHunt & Cornwell 1970 Kushlan et al., in prep.
Gadwall (<i>Anas strepera</i>)	Uncommon	W,T		<i>Ruppia</i> , <i>Zostera</i> , mollusks	Ogden 1969
Pintail (<i>Anas acuta</i>)	Abundant	W,T		<i>Sagittaria</i> , mollusks, <i>Cyperus</i>	Narcisse, pers. comm. Kushlan et al., in prep.
Green-winged Teal (<i>Anas crecca carolinensis</i>)	Abundant	W,T		<i>Ruppia</i> , <i>Zostera</i> , aquatic insects	Narcisse, pers. comm. Kushlan et al., in prep.
Blue-winged Teal (<i>Anas discors</i>)	Abundant	Yr		<i>Cyperus</i> , snails, insects, crustaceans	Narcisse, pers. comm. Ffrench 1966
American Wigeon (<i>Anas americana</i>)	Common	W,T		<i>Ruppia</i> , <i>Zostera</i> , mollusks	Narcisse, pers. comm. Kushlan et al., in prep.
Northern Shoveler (<i>Anas clypeata</i>)	Common	W,T		mollusks, aquatic insects, <i>Ruppia</i> , <i>Zostera</i>	Narcisse, pers. comm.
Wood Duck (<i>Aix sponsa</i>)	Rare	W		Nuts, seeds	Ogden 1969
Redhead (<i>Aythya americana</i>)	Rare	W		Snails, clams, aquatic insects, <i>Ruppia</i> , <i>Zos- tera</i>	Ogden 1969
Ring-necked Duck (<i>Aythya collaris</i>)	Abundant	W		<i>Polygonum</i> , <i>Ruppia</i> , crayfish, snails	Ogden 1969 Kushlan et al., in prep.
Canvasback (<i>Aythya valisineria</i>)	Uncommon	W		<i>Vallisneria</i> , <i>Ruppia</i> , <i>Zostera</i>	Ogden 1969 Kushlan et al., in prep.

SURFACE AND DIVING BIRDS (concluded)

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Lesser Scaup (<u>Aythya affinis</u>)	Common-abundant	W		Mollusks, <u>Ruppia</u>	Narcisse, pers. comm. Ogden 1969 Kushlan et al., in prep.
Bufflehead (<u>Bucephala albeola</u>)	Rare	W		Gastropods, crabs, crustaceans	Ogden 1969 Kushlan et al., in prep.
Ruddy Duck (<u>Oxyura jamaicensis</u>)	Common	W		<u>Potamogeton</u> , <u>Najas</u> , <u>Zostera</u> , <u>Ruppia</u> , mollusks	Ogden 1969 Kushlan et al., in prep.
Hooded Merganser (<u>Lophodytes cucullatus</u>)	Rare-uncommon	W		Fish	Ogden 1969
Red-breasted Merganser (<u>Mergus serrator</u>)	Common	W,T		Fish	Narcisse, pers. comm.
Purple Gallinule (<u>Porphyryla martinica</u>)	Rare	Yr	Y	Aquatic insects, mollusks, <u>Eleocharis</u> , <u>Paspalum</u>	Narcisse, pers. comm. Ffrench 1966
Common Gallinule (<u>Gallinula chloropus</u>)	Common	Yr	Y	Seeds, aquatic insects	Narcisse, pers. comm. Ffrench 1966
American Coot (<u>Fulica americana</u>)	Abundant	W,T		<u>Ruppia</u> , <u>Najas</u> , <u>Potamogeton</u> , aquatic insects	Narcisse, pers. comm.

AERIALY SEARCHING

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Herring Gull (<u>Larus argentatus</u>)	Uncommon	W		Fish, mollusks, crustaceans	Narcisse, pers. comm. Ogden 1969
Ring-billed Gull (<u>Larus delawarensis</u>)	Common	W,T		Fish, insects, mollusks	Narcisse, pers. comm. Ogden 1969
Laughing Gull (<u>Larus atricilla</u>)	Common	Yr		Fish, shrimp, crabs	Narcisse, pers. comm. Ogden 1969
Bonaparte's Gull (<u>Larus philadelphia</u>)	Uncommon	W		Fish, insects	Ogden 1969
Gull-billed Tern (<u>Gelochelidon nilotica</u>)	Uncommon	Yr		Mayflies, dragonflies	Ogden 1969
Forster's Tern (<u>Sterna fosteri</u>)	Uncommon- common	W		Fish	Narcisse, pers. comm. Ogden 1969
Common Tern (<u>Sterna hirundo</u>)	Uncommon	W		Fish	Ogden 1969
Least Tern (<u>Sterna albifrons</u>)	Common	S		Fish	Narcisse, pers. comm. Ogden 1969
Royal Tern (<u>Thalasseus maxima</u>)	Common	W,T		Fish	Ogden 1969
Sandwich Tern (<u>Sterna sand- vicensis</u>)	Uncommon	Yr		Fish	Narcisse, pers. comm. Ogden 1969
Caspian Tern (<u>Sterna caspia</u>)	Uncommon	W		Fish	Ogden 1969
Black Skimmer (<u>Rynchops nigra</u>)	Common	Yr		Fish	Ogden 1969
Belted Kingfisher (<u>Megaceryle alcyon</u>)	Common	Yr		Fish	Narcisse, pers. comm.
Fish Crow (<u>Corvus ossifragus</u>)	Common	Yr	Y	Fish	Narcisse, pers. comm.

BIRDS OF PREY

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Magnificent Frigate-bird (<i>Fregata magnificens</i>)	Common S Uncommon W	Yr	Y	Fish	Narcisse, pers. comm. Smith, pers. obs.
Turkey Vulture (<i>Cathartes aura</i>)	Common	Yr	Y	Carrion	Narcisse, pers. comm. Orians 1969
Black Vulture (<i>Coragyps atratus</i>)	Common	Yr	Y	Carrion	Robertson & Kushlan 1974 Orians 1969
Swallow-tailed Kite (<i>Elanoides forficatus</i>)	Common	S	Y	Snakes, lizards, frogs	Howell 1932 Snyder 1974
Sharp-shinned Hawk (<i>Accipiter striatus</i>)	Uncommon	W		Smaller passerines	Howell 1932
Cooper's Hawk (<i>Accipiter cooperii</i>)	Uncommon	Yr	Y	Larger passerines	Howell 1932
Red-tailed Hawk (<i>Buteo jamaicensis</i>)	Uncommon	Yr	Y	Small mammals, birds	Howell 1932
Red-shouldered Hawk (<i>Buteo lineatus</i>)	Common	Yr	Y	Snakes, frogs, lizards, insects	Howell 1932 Robertson & Kushlan. 1974
Broad-winged Hawk (<i>Buteo platypterus</i>)	Uncommon	W		Insects, small mammals	Howell 1932
Swainson's Hawk (<i>Buteo swainsoni</i>)	Rare	W		Small mammals, grass- hoppers	Howell 1932
Short-tailed Hawk (<i>Buteo brachyurus</i>)	Uncommon	W		Small birds	Howell 1932
Bald Eagle (<i>Haliaeetus leucocephalus</i>)	Rare-locally common (Fla. Bay)	Yr	Y	Fishes	Howell 1932
Marsh Hawk (<i>Circus cyaneus</i>)	Uncommon	W		Small mammals, shore- birds	Howell 1932
Osprey (<i>Pandion haliaetus</i>)	Common	Yr	Y	Fishes	Howell 1932
Peregrine Falcon (<i>Falco peregrinus</i>)	Very rare- locally common (Fla. Bay)	W		Waterfowl, shorebirds	Nisbet 1968 Ogden 1969 Howell 1932
Merlin (<i>Falco columbarius</i>)	Uncommon	W		Small birds, shore- birds	Howell 1932
American Kestrel (<i>Falco sparverius</i>)	Common	W		Insects	Howell 1932
Barn Owl (<i>Tyto alba</i>)	Uncommon	Yr	Y	Small mammals	Howell 1932
Great Horned Owl (<i>Bubo virginianus</i>)	Uncommon	Yr	Y	Waterfowl, small mammals	Howell 1932
Barred Owl (<i>Strix varia</i>)	Uncommon	Yr	Y	Small mammals, frogs, snakes	Howell 1932

ARBOREAL BIRDS

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Mourning Dove (<i>Zenaidura macroura</i>)	Uncommon	Y	Y	Seeds	EmLen 1977
White-crowned Pigeon (<i>Columba leucocephala</i>)	Uncommon	Yr	Y	Berries, seeds, fruits	Howell 1932 Robertson & Kushlan 1974
Mangrove Cuckoo (<i>Coccyzus minor</i>)	Uncommon	Yr	Y	Caterpillars, mantids	Howell 1932 Ffrench 1966 Robertson & Kushlan 1974 Martin et al. 1951
Yellow-billed Cuckoo (<i>Coccyzus americanus</i>)	Common	S	Y	Caterpillars, beetles	Howell 1932 Ffrench 1966 Martin et al. 1951
Smooth-billed Ani (<i>Crotophaga ani</i>)	Rare	Yr	Y	Insects	Howell 1932 Ffrench 1966
Chuck-will's-widow (<i>Caprimulgus carolinensis</i>)	Uncommon	Yr	Y	Mosquitos, moths	Martin et al. 1951 Narcisse, pers. comm.
Common Flicker (<i>Colaptes auratus</i>)	Uncommon	Yr	Y	Ants, beetles, fruits in winter	Narcisse, pers. comm. Martin et al. 1951
Pileated Woodpecker (<i>Dryocopus pileatus</i>)	Uncommon	Yr	Y	Beetles, berries, fruits	Howell 1932 Robertson 1955 Robertson & Kushlan 1974
Red-bellied Woodpecker (<i>Melanerpes carolinus</i>)	Common	Yr	Y	Beetles, ants, grasshoppers, crickets	Narcisse, pers. comm. Martin et al. 1951
Red-headed Woodpecker (<i>Melanerpes erythrocephalus</i>)	Rare	Yr	Y	Beetles, ants, grasshoppers, caterpillars	Narcisse, pers. comm. Martin et al. 1951
Yellow-bellied Sapsucker (<i>Sphyrapicus varius</i>)	Uncommon	W,T		Beetles, ants, caterpillars	Narcisse, pers. comm. Martin et al. 1951
Hairy Woodpecker (<i>Picoides villosus</i>)	Rare	P		Insects, beetle larvae	EmLen 1977
Eastern Kingbird (<i>Tyrannus tyrannus</i>)	Uncommon	S,T	Y	Ants, wasps, grasshoppers	Narcisse, pers. comm. Martin et al. 1951
Gray Kingbird (<i>Tyrannus dominicensis</i>)	Common	S,T	Y	Bees, wasps, beetles, dragon	Howell 1932 Robertson & Kushlan 1974
Western Kingbird (<i>Tyrannus verticalis</i>)	Rare	W,T		Bees, wasps, grasshoppers	Narcisse, pers. comm. Martin et al. 1951
Great Crested Flycatcher (<i>Myiarchus crinitus</i>)	Uncommon (common S)	Yr	Y	Insects, berries	Howell 1932 Robertson 1955
Acadian Flycatcher (<i>Empidonax virescens</i>)	Rare	T		Small flying insects	Morton 1980
Eastern Phoebe (<i>Sayornis phoebe</i>)	Common	W		Bees, wasps, ants	Narcisse, pers. comm. Martin et al. 1951
Eastern Wood Pewee (<i>Contopus virens</i>)	Rare-uncommon	S,T		Bees, wasps, ants, moths	Narcisse, pers. comm. Howell 1932

ARBOREAL BIRDS (continued)

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Barn Swallow (<i>Hirundo rustica</i>)	Locally common	W		Insects	Howell 1932 Bacon 1970
Blue Jay (<i>Cyanocitta cristata</i>)	Uncommon	Yr	Y	Grasshoppers, caterpillars, beetles	Narcisse, pers. comm. Martin et al. 1951
Tufted titmouse (<i>Parus bicolor</i>)	Very rare-rare	W		Caterpillars, wasps, bees	Howell 1932 Robertson & Kushlan 1974
Carolina Wren (<i>Thryothorus ludovicianus</i>)	Uncommon	Yr	Y	Ants, flies, millipeds	Narcisse, pers. comm. Martin et al. 1951
Mockingbird (<i>Mimus polyglottos</i>)	Abundant	Yr	Y	Fruits, berries	Robertson 1955
Catbird (<i>Dumetella carolinensis</i>)	Common	W,T		Fruits, insects	Narcisse, pers. comm. Martin et al. 1951
Brown Thrasher (<i>Toxostoma rufum</i>)	Uncommon	Yr	Y	Beetles	Narcisse, pers. comm. Martin et al. 1951
American Robin (<i>Turdus migratorius</i>)	Abundant	W		Worms, berries, insects	Narcisse, pers. comm. Martin et al. 1951
Blue-gray Gnatcatcher (<i>Poliophtila caerulea</i>)	Uncommon	W,T		Insects, especially Hymenopterans	Narcisse, pers. comm. Howell 1932
Ruby-crowned Kinglet (<i>Regulus calendula</i>)	Uncommon	W,T		Wasps, ants	Narcisse, pers. comm. Howell 1932
White-eyed Vireo (<i>Vireo griseus</i>)	Uncommon	S,T	Y	Butterflies, moths	Robertson 1955
Black-whiskered Vireo (<i>Vireo altiloquus</i>)	Uncommon	Yr	Y	Spiders, caterpillars	Howell 1932 Robertson & Kushlan, 1974
Red-eyed Vireo (<i>Vireo olivaceus</i>)	Uncommon	S,T	Y	Caterpillars, beetles	Narcisse, pers. comm. Howell 1932
Yellow-throated Vireo (<i>Vireo flavifrons</i>)	Uncommon	W		Butterflies, moths,	Morton 1980
Black-and-White Warbler (<i>Mniotilta varia</i>)	Fairly common	W,T		Wood boring insects	Lack and Lack 1972 Keast 1980 Ogden 1969
Worm-eating Warbler (<i>Helminthosoma vermivorus</i>)	Uncommon	W		Caterpillars, spiders	Ogden 1969 Kushlan, pers. comm. ^c
Prothonotary Warbler (<i>Protonotaria citrea</i>)	Uncommon	T		Insects	Ffrench 1966 Russel 1980
Yellow-throated Warbler (<i>Dendroica dominica</i>)	Common	W		Beetles, moths, spiders	Morton 1980
Yellow Warbler (<i>Dendroica petechia</i>)	Common	Yr	Y	Insects	Haverschmidt 1965 Ffrench 1966 Orians 1969 Terborgh & Faaborg 1980
Yellow-rumped Warbler (<i>Dendroica coronata</i>)	Abundant	W,T		Dipterans, bayberries	Narcisse, pers. comm.
Prairie Warbler (<i>Dendroica discolor</i>)	Uncommon	Yr	Y	Moths, beetles, flies	Lack & Lack 1972 Robertson & Kushlan 1974
Palm Warbler (<i>Dendroica palmarum</i>)	Abundant	W,T		Insects	Lack & Lack 1972 Emlen 1977

ARBOREAL BIRDS (continued)

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Blackpoll Warbler (<i>Dendroica striata</i>)	Uncommon	T		Insects	Ffrench 1966
Bay-breasted Warbler (<i>Dendroica castanea</i>)	Rare	T		Insects	Morton 1980
Black-throated Green Warbler (<i>Dendroica virens</i>)	Uncommon	W		Aphids, leaf-rollers, and other insects	Ogden 1969 Kushlan, pers. comm.
Chestnut-sided Warbler (<i>Dendroica pensyl- vanica</i>)	Rare	T		Insects	Morton 1980
Cape May Warbler (<i>Dendroica tigrina</i>)	Uncommon Common	W T			Ogden 1969
Black-throated Gray Warbler (<i>Dendroica nigrescens</i>)	Rare	W		Insects	Ogden 1969 Kushlan, pers. comm. Hutto 1980
Black-throated Blue Warbler (<i>Dendroica caeru- lescens</i>)	Uncommon Common	W T		Beetles, flies, ants	Kushlan, pers. comm. Ogden 1969
Northern Waterthrush (<i>Seiurus novebor- acensis</i>)	Abundant Rare	T W		Insects	Schwartz 1964 Ffrench 1966 Bacon 1970 Russell 1980
Yellowthroat (<i>Geothlypus trichas</i>)	Common	Yr	Y	Grasshoppers, crickets, ants, wasps	Narcisse, pers. comm. Howell 1932 Lack & Lack 1972
American Redstart (<i>Setophaga ruticilla</i>)	Common	T		Caterpillars	Bennett 1980 Ffrench 1966 Bacon 1970
Tennessee Warbler (<i>Vermivora peregrina</i>)	Uncommon	T		Insects	Morton 1980
Nashville Warbler (<i>Vermivora rufi- capilla</i>)	Rare	T		Insects	Hutto 1980
Orange-crowned Warbler (<i>Vermivora celata</i>)	Common	W		Insects	Hutto 1980
Golden-winged Warbler (<i>Vermivora chrysop- tera</i>)	Rare	T		Insects	Morton 1980
Northern Parula (<i>Parula americana</i>)	Common	W		Hymenoptera	Lack and Lack 1972
Ovenbird (<i>Seiurus aurocapil- lus</i>)	Common	W		Beetles, crickets, grasshoppers	Lack and Lack 1972
Kentucky Warbler (<i>Oporornis formosus</i>)	Rare-uncommon	T		Beetles, caterpillars, ants	Morton 1980
Mourning Warbler (<i>Oporornis philadel- phia</i>)	Rare	T		Insects	Morton 1980
Yellow-breasted Chat (<i>Icteria virens</i>)	Common	W		Hymenoptera	Hutto 1980

ARBOREAL BIRDS (concluded)

Common Name (Latin name)	Abundance	Season of Occurrence ^a	Nesting ^a	Food Habits	References
Wilson's Warbler (<i>Wilsonia pusilla</i>)	Rare-uncommon	T		Insects	Hutto 1980 Ramos and Warner 1980
Red-winged Blackbird (<i>Agelaius phoeniceus</i>)	Common	Yr		Seeds, insects	Howell 1932 Robertson 1955
Boat-tailed Grackle (<i>Quiscalus major</i>)	Uncommon	Yr	Y	Crayfish, crabs, shrimp	Robertson 1955 Girard & Taylor 1979
Common Grackle (<i>Quiscalus quiscula</i>)	Uncommon	Yr	Y	Insects, cater- pillars	Howell 1932 Robertson 1955
Cardinal (<i>Cardinalis cardinalis</i>)	Common	Yr	Y	Insects, seeds	Robertson 1955
Orchard Oriole (<i>Icterus spurius</i>)	Rare	T		Grasshoppers, beetles	Morton 1980
Indigo Bunting (<i>Passerina cyanea</i>)	Uncommon	W,T		Grasshoppers, cater- pillars	Narcisse, pers. comm. Howell 1932
Summer Tanager (<i>Piranga rubra</i>)	Uncommon	T		Hymenoptera	Morton 1980
Dickcissel (<i>Spiza americana</i>)	Uncommon	W,T		Caterpillars, beetles	Bacon 1970 Martin et al. 1951
Rufous-sided Towhee (<i>Pipilo erythroph- thalmus</i>)	Common	Yr	Y	Caterpillars, bay- berries, fruits	Narcisse, pers. comm. Howell 1932
Swamp Sparrow (<i>Melospiza georgiana</i>)	Common	W,T		Ants, flies, seeds	Narcisse, pers. comm. Howell 1932

^aYr = year round resident
S = summer resident
W = winter resident
T = transient, present only during spring and fall migration
Y = species breeds in mangroves

^bL. Narcisse, R.N. "Ding" Darling Fed. Wildlife Refuge, Sanibel Island, Fla. (1981).

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