

**FIRST RECORD OF SPOTTED TOWHEE IN FLORIDA**JON S. GREENLAW<sup>1</sup> AND R. TODD ENGSTROM<sup>2</sup><sup>1</sup>*Archbold Biological Station, Venus, Florida 33960**E-Mail: .jsg@ilinc.com*<sup>2</sup>*Tall Timbers Research Station**13093 Henry Beadel Lane, Tallahassee, Florida 32312*

In 1967 Henry M. Stevenson (HMS) collected a specimen (TTRS 2955) of the Spotted Towhee (*Pipilo maculatus*) 1 mile east of St. Teresa, Franklin Co., Florida. The bird, originally thought to be a male, was taken on 14 December 1967. It was initially deposited in the collection at Florida State University (#7035.5a), but later moved to Tall Timbers Research Station where it now resides. Until recently the Spotted Towhee was regarded as conspecific with the Eastern Towhee (*P. erythrophthalmus*) under the name "Rufous-sided Towhee" (American Ornithologists' Union 1957, 1995). This specimen constitutes the first and only record of the species from Florida (Bowman 2000), and particularly for this reason we publish data regarding the incident. Electronic images (in bitmap format) of the specimen (Fig. 1) are archived in Florida Ornithological Society Records Committee files.

Other data on the specimen label are "testes 2 mm long"; "skull not completely ossified" [immature]; "[T]otal L[ength] 8.0 in. [inches]"; "iris brownish red." Specimen measurements by JSG (mm) are narial bill length (from distal end of anterior nares), 9.3; exposed culmen length, 12.5; bill depth (across distal edge of anterior nares), 7.7; hallux claw (chord) length, 9.2; tarsus length, 26.0; tail length, 95.0; maximum dimension of rectrix 6 tail spot, 28.5.

Richard C. Banks compared the specimen to a series of towhees at the National Museum of Natural History (NMNH) and referred it to *P. m. arcticus*. Subsequently, Storrs L. Olson (NMNH, *in litt.* 7 Nov 1996) and James D. Rising (University of Toronto, *in litt.* 2 May 1997) confirmed this determination. HMS published incomplete details (age and sex unspecified) on the specimen in 1970 (Stevenson and Baker 1970). The additional detail of sex (male, but see below), but not age, was provided in Stevenson and Anderson (1994).

Sexual dichromatism is variably developed in Spotted Towhees, from moderate differentiation in *arcticus* to slight in the Pacific coast races (Swarth 1913, Greenlaw 1996). In *arcticus*, feathered areas that are dull black, sometimes with olive or brownish tones, exhibit distinct dusky brown tones in the female. The black versus brown sexual contrast is clearest on body contour feathers, least on the tail, which has a strong blackish-brown hue in the female. Based on feather coloration, the Florida specimen is clearly a female. The wing chord (83 mm) is typical for female *arcticus*, but is borderline for a male (Greenlaw 1996, Appendix). S. L. Olson (*in litt.*) and J. D. Rising (*in litt.*) also thought that the specimen was a female. The identification of tiny (nonbreeding condition) gonads during carcass autopsy can be problematic in immature birds, and may be influenced by a mistaken judgment of sex based on plumage.

The racial determination of female *arcticus* is relatively straightforward. Among races of Spotted Towhees, only the female of *arcticus* has distinct brownish tones on its body feathers. Females of other interior races (migratory *montanus*, *curtatus*) are slaty, while females of Pacific coast races are blacker still, closely approaching the color of males. The dull brown color of female *arcticus* is duskier than the rich cinnamon brown of female Eastern Towhees. Measurements of the Florida specimen fall within the ranges of corresponding characters in *arcticus* (Greenlaw 1996, Appendix), although individually none of them is racially diagnostic when compared to measurements of *montanus* (central Rocky



**Figure 1. Florida's first record of the Spotted Towhee, dorsal, lateral, and ventral views. Specimen is a female, collected by Henry M. Stevenson on 14 Dec 1967 near St. Teresa, Franklin Co.**

Mountains birds) or *curtatus* (Great Basin). The rufescent tone in brown feathers on the back, and the pale buffy clouding of the white scapular spots in the Florida specimen may be characteristic of first Basic plumage in female *arcticus* (Oberholser 1974).

A white supraloral spot at the base of the maxilla on both sides in the Florida specimen is unusual. Neither S. L. Olson (*in litt.*) nor J. D. Rising (*in litt.*) felt that the spot was indicative of hybrid influence in the history of the individual. No other aspect of plumage hue or pattern supports this hypothesis. Olson specifically remarked in this context that patterns of white in the supraloral area, throat, and malar region might represent a primitive pattern that has been obscured by the dark plumage in the Rufous-sided towhee group. White patches in these feathers are typical in the green-backed towhee group (*P. chlorura*, *P. ocai*), and these characters may occasionally express themselves in the dark-backed group as well.

The scarcity of records of Spotted Towhees in neighboring southeastern states along the Atlantic and Gulf coasts suggests that these birds are infrequent vagrants in this

part of the North America. Nearest wintering populations are in southeastern Oklahoma and east-central Texas (Greenlaw 1996). Along the southeast Atlantic coast, North Carolina and South Carolina have single confirmed records of the Spotted Towhee (Hauser 1960, Burton 1970, Post and Greenlaw 2001), and Georgia has a recent photographic record (Davis 2000). Westward along the Gulf coast, at least two sightings (unverified) are known in Alabama (Imhof 1976; Greg Jackson, pers. comm.), and six (unverified, 23 Dec to 24 Apr) in Mississippi (Terence Schiefer, pers. comm.). In Louisiana, examples of Spotted Towehees have been seen or collected between 23 Oct and 13 Apr (Lowery 1974). Others have been reported in the state as recently as Nov 1997 and 1998 (Jackson 1998, 1999). Vagrancy of this species in northeastern Atlantic states also is relatively unusual (e.g., Post 1965, Veit and Petersen 1993, Levine 1998). Thus far, only *P. m. arcticus* has been collected from the Atlantic coast.

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#### LITERATURE CITED

- AMERICAN ORNITHOLOGISTS' UNION. 1957. Check-list of North American birds, 5th edition. American Ornithologists' Union, Washington, D.C.
- AMERICAN ORNITHOLOGISTS' UNION, 1995. Fortieth supplement to the American Ornithologists' Union Checklist of North American birds. Auk 112: 819-830.
- BOWMAN, R. 2000. Thirteenth report of the Florida Ornithological Society Records Committee: 1996, 1997, 1998, 1999, 2000. Florida Field Naturalist 28:138-160.
- BURTON, E. M. 1970. Supplement. In South Carolina bird life (A. Sprunt, Jr., and E. B. Chamberlain). University of South Carolina Press, Columbia, SC.
- DAVIS, R. 2000. Southern Atlantic Coast. North American Birds 54:272-274.
- GREENLAW, J. S. 1996. Spotted Towhee (*Pipilo maculatus*). In The Birds of North America, no. 263 (A. Poole and F. Gill, Eds.). The Academy of Natural Sciences, Philadelphia, and American Ornithologists' Union, Washington, D.C.
- HAUSER, D. C. 1960. A record of *Pipilo erythrophthalmus arcticus* in North Carolina. Auk 77:349.
- IMHOF, T. A. 1976. Alabama birds, 2nd edition. University of Alabama Press, University, AL.
- JACKSON, G. D. 1998. Central Southern Region. Field Notes 52:71-76.
- JACKSON, G. D. 1999. Central Southern Region. North American Birds 53:62-66.
- LEVINE, E. (Ed.). 1998. Bull's birds of New York State. Comstock Publishing Associates, Ithaca, NY.
- LOWERY, G. H., JR. 1974. Louisiana birds. Louisiana State University Press, Baton Rouge, LA.
- OBERHOLSER, H. C. 1974. The bird life of Texas, Vol. 2. University Texas Press, Austin, TX.
- POST, P. W. 1965. Photographs of New York State rarities. 3. "Spotted" Towhee. Kingbird 15: 202-203.
- POST, W., AND J. S. GREENLAW. 2001. A South Carolina specimen of the Spotted Towhee. Chat 65:34-36.
- STEVENSON, H. M., AND B. H. ANDERSON. 1994. The birdlife of Florida. University Press of Florida, Gainesville.
- STEVENSON, H. M., AND W. W. BAKER. 1970. Records of new avian subspecies in Florida. Florida Naturalist 43:69-70.
- SWARTH, H. S. 1913. A revision of the California forms of *Pipilo maculatus* Swainson with description of a new subspecies. Condor 15:167-175.
- VEIT, R. R., AND W. R. PETERSEN. 1993. Birds of Massachusetts. Massachusetts Audubon Society.

## FIELD OBSERVATIONS

**Summer Report: June-July 2000.**—The observations listed here are reports of significant birds or numbers of birds reported to the Field Observations Committee (FOC). Reports submitted to the Committee should be in the following format: species, number of individuals, age and sex of the bird(s), color morph if applicable, location (including county), date, observer(s), and significance. Reporting seasons are winter (December-February), spring (March-May), summer (June-July), and fall (August-November). Submit reports to regional compilers within two weeks after the close of each season, or to the state compiler within one month. Reports sent via e-mail are greatly preferred over those sent via regular mail. Addresses of the FOC members are found at the end of this report.

Sight-only observations are considered “reports” while only those supported by verifiable evidence (photographs, video or audio tapes, or specimens) are called “records.” Species for which documentation is required by the FOS Records Committee (FOSRC) are marked with an asterisk (\*). A county designation (*in italics*) accompanies the first-time listing of each site in this report. Abbreviations used are: CP = county park, EOS = end of season, HISRA = Honeymoon Island SRA (*Pinellas*), LARA = Lake Apopka Restoration Area (*Orange*), MRSP = Myakka River SP (*Sarasota*), NWR = national wildlife refuge, PPM = *Polk* phosphate mines, SMNWR = St. Marks NWR (*Wakulla*), SP = state park, SRA = state recreation area, SRSTF = Springhill Road STF (*Leon*), STF = sewage treatment facility, and N, S, E, W, etc., for compass directions. Bold-faced species denote birds newly reported or verified in Florida.

### SUMMARY OF THE SUMMER SEASON

Generally, the summer was hot and dry, with many areas reporting above-normal temperatures. In some areas, the severe drought of the previous winter and spring was broken (briefly) by June storms, but rainfall for July again was below average. Water levels improved in central Florida, but the drought continued in the Panhandle, northern Florida, and Keys. Heavy shorebird use was reported at Newnans Lake at Gainesville and vegetable farmland near Belle Glade, but the former farm fields at Lake Apopka remained dry. Rick Sawicki noted that Blue-gray Gnatcatchers and Black-and-white Warblers were observed in the Keys in mid-July, two to three weeks earlier than usual. It was a slow season for rarities, with only three significant reports: the Red-billed Tropicbird found moribund at Fort Lauderdale, 2 White-cheeked Pintails in *Brevard* for a single day only, and the Fork-tailed Flycatcher at Lake Apopka that also was a one-day wonder. We welcome John Boyd as the new compiler for southeastern Florida, a region that has been without a compiler for nearly 10 years. Finally, we dedicate this report to the memory of Larry Hopkins, a long-time FOS member and Pinellas County birder who died from a brain tumor on 29 July 2000.

### SPECIES ACCOUNTS

**COMMON LOON:** 1 in breeding plumage at the Suwannee River (*Gilchrist*) 9-10 Jun (J. Krummrich); 1 at SMNWR 6 Jul (S. Collins); 1 in winter plumage off Hernando Beach (*Hernando*) 30 Jul (R. Paul, B. Pranty [photo to FOC], A. Schnapf); 4 summered in Pensacola Bay (*Escambia* and/or *Santa Rosa*) (B. Duncan).

**PELAGICS:** the table below shows the results of two pelagic trips into the Florida Straits SE of Vaca Cut, Marathon (*Monroe*) by E. and P. Hess: **4 Jun:** 15-41 km offshore, winds 8-16 kph, seas 0.3-0.7 m; **6 Jun:** 15-48 km offshore, winds variable 0-8 kph, seas 0.3-0.7 m.

SPECIES	4 Jun	6 Jun
CORY'S SHEARWATER	3	1
SOOTY SHEARWATER	0	1
AUDUBON'S SHEARWATER	46	20
WILSON'S STORM-PETREL	1	0
STORM-PETREL SPECIES	1	0
MASKED BOOBY	0	1
BROWN BOOBY	0	1
ROYAL TERN	1	0
BRIDLED TERN	24	18
SOOTY TERN	107	134
BRIDLED/SOOTY TERN	0	8
BROWN NODDY	4	55

GREATER SHEARWATER: 1 found alive at Vilano Beach (*St. Johns*) 13 Jun died later (D. Reed, specimen to UF, photos to FOC).

\*RED-BILLED TROPICBIRD: 1 immature at Fort Lauderdale Beach (*Broward*) 11 Jun died the next day (W. George, specimen to UCF).

NORTHERN GANNET: 1 immature at Fort Myers Beach (*Lee*) 23 Jun (C. Ewell, specimen to Archbold Biological Station).

AMERICAN WHITE PELICAN: 100+ at MRSP 7 Jun (F. Frazier, T. Elliott) and 200 there 3 Jul (A. and R. Smith); 60 at Shell Key Preserve (*Pinellas*) 12 Jun (K. Nelson, P. Blair); 65 at SMNWR 8 Jul, and 13 there 19 Jul (J. Dozier); 135 at LARA 26 Jul (H. Robinson); 18 at Lake Hollingsworth, Lakeland (*Polk*) 29 Jul (T. Palmer); up to 200 summered at SMNWR (J. Reinman et al.); up to 62 summered at Newnans Lake (*Alachua*) (J. Hintermister, L. Davis, M. Manetz).

BROWN PELICAN: 1 near Mulberry (*Polk*) 5 Jun, and 3 at Lakeland 2 Jul (both T. Palmer).

ANHINGA: 32 over Bartow (*Polk*) 9 Jun (T. Palmer).

MAGNIFICENT FRIGATEBIRD: 1 female at SMNWR 28 Jun (K. Kramer).

AMERICAN BITTERN: 1 at SMNWR 24 Jun (K. Avera, J. Dozier); 1 at LARA 28 Jun (H. Robinson).

LEAST BITTERN: 91 at Blue Heron STF (*Brevard*) 26 Jun (D. Simpson); 47+ at Wakodahatchee Wetlands (*Palm Beach*) 5 Jul (R. Diaz, J. Rosenfield).

GREAT BLUE HERON: 135 at Newnans Lake 1 Jul (L. Davis).

"GREAT WHITE HERON:" 1 at New Port Richey late Jun-Jul (S. Morfitt, photo to FOC by K. Tracey); 1 at Merritt Island NWR (*Brevard*) 2 Jul (D. Simpson).

GREAT EGRET: 285 at Newnans Lake 19 Jul (R. Rowan).

LITTLE BLUE HERON: 100 at Newnans Lake 13 Jul (J. Hintermister, M. Manetz, H. Adams).

REDDISH EGRET: 24 at "Ding" Darling NWR (*Lee*) 6 Jun (B. Ahern); 1 immature at MRSP 7 Jun (F. Frazier, T. Elliott); 51 at Merritt Island NWR 2 Jul (D. Simpson); up to 12 (including 1 white morph) summered at SMNWR (J. Reinman et al.).

YELLOW-CROWNED NIGHT-HERON: 11 at LARA 26 Jun (H. Robinson).

WHITE IBIS: breeding at Seahorse Key (*Levy*) was "pretty much a total loss" (D. Henderson).

GLOSSY IBIS: 1 in central *Pinellas* 21-22 Jun (K. Nelson) and 2 others there 21 Jun (L. Snyder).

ROSEATE SPOONBILL: 6 at PPM 6 Jun (P. Fellers, R. Etzler); 70+ at MRSP 7 Jun (F. Frazier, T. Elliott); 6 at Banana Lake, Lakeland 27 Jun (T. Palmer); 37 at Merritt Island NWR 2 Jul (D. Simpson); 37 total at three sites in SW *Pasco* 7 Jul (K. and L. Tracey);

- 100+ near Belle Glade (*Palm Beach*) 15 Jul (J. Holstein); 8 at LARA 16-23 Jul (H. Robinson); up to 4 summered at Lake Tohopekaliga (*Osceola*) (*vide* L. Cooper); up to 10 summered at Newnans Lake (S. Eoff, L. Davis et al.); up to 35 summered at Ocklawaha (C. Gruin, E. Scales).
- VULTURES: "thousands(!)," mostly Black Vultures, at MRSP 3 Jun were "waiting on stuff in the [receding] water to die" (D. Goodwin, E. Haney).
- FULVOUS WHISTLING-DUCK: 200 near Belle Glade 8 Jul (J. Bouton, C. Ewell, W. Winton).
- BLACK-BELLIED WHISTLING-DUCK: 30+ at MRSP 3 Jun (D. Goodwin, E. Haney); 31 at Bartow 6 Jun (P. Fellers, R. Etzler) and 12 there 10 Jul (T. Palmer); 48 near Belle Glade 15 Jun (W. Zane, A. and B. Liberman), with lesser reports there through the season; 3 at Allen Creek, Clearwater (*Pinellas*) 16-21 Jun (C. Kelsey, J. Fisher et al.); 16+ at Gainesville 1 Jul (M. Jones, M. Manetz).
- CANADA GOOSE: 1 at Seminole (*Pinellas*) 2 Jul was gone within a few hours (P. Blair).
- MUTE SWAN: 4 at Kendall (*Miami-Dade*) 8 Jul (D. Simpson, B. Paxson).
- GADWALL: 2 at PPM 6 Jun (P. Fellers, R. Etzler) tied the latest "spring" report.
- AMERICAN BLACK DUCK: 1 at LARA to 19 Jun (H. Robinson).
- MALLARD: at least 7 summered at LARA (H. Robinson).
- MOTTLED DUCK: 275+ at MRSP 3 Jun (D. Goodwin, E. Haney); 98 at LARA 19 Jun (H. Robinson); 49 at Newnans Lake 29 Jul (J. Hintermister).
- \*WHITE-CHEEKED PINTAIL: 2 W of Viera (*Brevard*) 22 Jul (D. Simpson).
- NORTHERN PINTAIL: 1 male at Pembroke Pines (*Broward*) 8 Jul (D. Simpson, B. Paxson).
- BLUE-WINGED TEAL: 5 at PPM 25 Jun (P. Timmer); 1 male near Belle Glade 8 Jul (J. Bouton, C. Ewell, W. Winton) and 2 there 9 Jul (V. McGrath, W. Winton); 2 at SMNWR 16 Jul (J. Dozier); 2 at Sunnyhill Conservation Area (*Marion*) 27 Jul (E. Scales).
- NORTHERN SHOVELER: 1 at SRSTF 12 Jun (G. Menk).
- AMERICAN WIGEON: 1 male at MRSP 3 Jun (D. Goodwin, E. Haney) and 7 Jun (F. Frazier, T. Elliott).
- RING-NECKED DUCK: 2 at PPM 6 Jun (P. Fellers, R. Etzler) and 1 there 25 Jun (P. Timmer).
- LESSER SCAUP: 1 at PPM 25 Jun (P. Timmer); 1 at SRSTF 29 Jul (M. Collins).
- COMMON EIDER: 1 female remained at Port Canaveral (*Brevard*) through 2 Jul (D. Simpson) at least.
- RUDDY DUCK: 1 at LARA 14 Jun (H. Robinson); 1 at PPM 25 Jun (P. Timmer).
- OSPREY: 62 nestlings in 30 nests at Lake Talquin (*Gadsden* and *Leon*) (G. Sprandel).
- SWALLOW-TAILED KITE: 150 between South Bay and Clewiston (*Hendry* and *Palm Beach*), including 22 over Rotenberger WMA, 22 Jul (J. Boyd et al.); up to 200 foraged over marshes W of Palm Bay (*Brevard*) late Jul-mid Aug (S. Rowe).
- WHITE-TAILED KITE: 1 juvenile at LARA 30 Jun (H. Robinson); 1 adult near Belle Glade 2-22 Jul (J. Bouton, C. Ewell, J. Boyd et al.) and a juvenile there 12 Aug (E. Kwater et al.); 1 W of Kendall 18 Jul-EOS (J. Boyd).
- SNAIL KITE: 2 males at Lake Istokpoga 26 Jul (M. McMillian).
- MISSISSIPPI KITE: 1 adult and 1 immature (seen separately) at S Jacksonville 2 Jun-21 Jul (J. Cocke).
- NORTHERN HARRIER: 1 S of South Bay (*Palm Beach*) 29 Jul (M. Cooper); 4 at LARA 3 Jun, 3 there 6 Jun, and 2 through the summer (all H. Robinson).
- SHARP-SHINNED HAWK: singles at LARA 9 and 19 Jun and 12 Jul (all H. Robinson).
- COOPER'S HAWK: 2 adults and 2 young at Brandon (*Hillsborough*) 15 Jun (E. Kwater); 1 adult at Cape Coral (*Lee*) 27 Jun (that ate a Eurasian Collared-Dove) and 30 Jul (both C. Ewell); 1 at Florida International University (*Miami-Dade*) 6 Jul (J. Boyd).
- BROAD-WINGED HAWK: 1 at Trenton (*Gilchrist*) 15 Jun (R. Rowan).
- SHORT-TAILED HAWK: of 6 nests in *Highlands*, *Levy*, and *Polk*, 3 failed and 3 each produced 2 young (K. Meyer); 1 dark morph at Peace River Park (*Polk*) 17 Jun (T. Palmer); 1 dark morph at Lettuce Lake Park (*Hillsborough*) 12 Jul (B. Ahern) and 1

- light morph there 16 Jul (D. Simpson); 1 dark morph at Saddle Creek CP (*Polk*) 28 Jul (P. Fellers).
- AMERICAN KESTREL: 1 pair summered in a section of W *Duval* where they are not known to breed (R. Clark).
- BLACK RAIL: 2 summered at Kicco WMA (*Polk*) (T.J. Coburn).
- VIRGINIA RAIL: 1 at Three Forks Marsh Conservation Area (*Brevard*) 31 Jul (S. Rowe).
- PURPLE SWAMPHEN: 1 of the gray-headed subspecies at Wakodahatchee Wetlands 22 Jun (J. Rosenfield, A. Liberman, photos to FOC).
- PURPLE GALLINULE: 19 at LARA 28 Jun (H. Robinson).
- AMERICAN COOT: 58 at LARA 3 Jun (H. Robinson); 30+ at MRSP 3 Jun (D. Goodwin, E. Haney), and 4 there 3 Jul (A. and R. Smith); 215 at PPM 25 Jun (P. Timmer).
- SNOWY PLOVER: 2 adults and 3 juveniles at Sanibel Island (*Lee*) 13 Jul (W. Dirks).
- WILSON'S PLOVER: 1 at Newnans Lake 4-6 Jun (L. and S. Duncan et al.); 17 at Navarre Flats (*Santa Rosa*) 24 Jul (B. Duncan).
- SEMPALMATED PLOVER: 2 at Newnans Lake to 6 Jun (R. Rowan, M. Manetz, J. Hintermister) and 3 there 29 Jul (L. Davis); 1 at SMNWR 24 Jun (J. Dozier, K. Avera); 3 at LARA 23 Jul (H. Robinson).
- PIPING PLOVER: 2 at Three Rooker Bar (*Pinellas*) and 1 at HISRA both 8 Jul (P. Blair); 1 at SMNWR 17 Jul (J. Reinman); 1 at Ft. Myers Beach 17 Jul (V. McGrath, W. Winton); 1 at Bald Point (*Franklin*) 22 Jul (G. Sprandel).
- BLACK-NECKED STILT: 70+ at MRSP 3 Jun (D. Goodwin, E. Haney); close to 1000 near Belle Glade 9 Jul (V. McGrath); ca. 25 young produced at Ocklawaha (E. Scales); 16 adults produced 6 broods at SMNWR (J. Reinman).
- AMERICAN AVOCET: 3 at SMNWR 4 Jun (D. Simpson) and 1 there 29 Jul (W. Chambers); up to 2 at LARA 9 Jun-23 Jul (H. Robinson).
- GREATER YELLOWLEGS: 4 in breeding plumage at Weekiwachee (*Hernando*) 22 Jun (M. Gardler); 5 near Belle Glade 8 Jul (J. Bouton, C. Ewell, W. Winton); reported on 15 of 16 surveys at LARA, with 24 birds on 23 Jul (H. Robinson).
- LESSER YELLOWLEGS: 4 at Newnans Lake 28 Jun (B. Simons); up to 11 at LARA 28 Jun-EOS (H. Robinson); 2 near Belle Glade 2 Jul, 100+ there 8 Jul (J. Bouton, C. Ewell, W. Winton), and 100s there 9 Jul (V. McGrath); 1 at MRSP 3 Jul (A. and R. Smith).
- SOLITARY SANDPIPER: 1 at LARA 12 Jul (H. Robinson); 1 near Belle Glade 19 Jul (A. and B. Hansen); 1 at Carillon, St. Petersburg (*Pinellas*) 28 Jul (J. Fisher).
- WILLET: 6 at Newnans Lake variously 29 Jun-12 Jul (M. Manetz, J. Hintermister); 132 in a flock (>90% in winter plumage) at Hernando Beach 30 Jul (R. Paul, B. Pranty, A. Schnapf).
- SPOTTED SANDPIPER: singles at SRSTF 1 Jun and 10 Jul (G. Menk); 2 at Alligator Point 3 Jul (J. Dozier); 1 at Newnans Lake 9 Jul (L. Davis); 3 at LARA 16 Jul-EOS (H. Robinson); 1 near Belle Glade 19 Jul (A. and B. Hansen); 1 at North Captiva Island (*Lee*) 20 Jul (V. McGrath).
- WHIMBREL: 6 at Tigertail Beach, Marco Island (*Collier*) 10 Jul (B. Boeringer).
- LONG-BILLED CURLEW: 3 in *Pinellas*: singles at Shell Key Preserve 12 Jun (P. Blair, K. Nelson), Three Rooker Bar 30 Jun (P. Blair), and HISRA 22 Jul (A. and R. Smith).
- MARBLED GODWIT: up to 15 summered at SMNWR (J. Dozier et al.); 2 in *Escambia* 30 Jul (B. Duncan).
- RED KNOT: 1 in winter plumage at SMNWR 4 Jun (D. Simpson); 100 at Shell Key Preserve 12 Jun (P. Blair, K. Nelson); 1 at LARA 23 Jul (H. Robinson).
- SANDERLING: 2 at Newnans Lake 29 Jul (L. Davis).
- SEMPALMATED SANDPIPER: 1 at LARA to 19 Jun, then up to 132 there 4 Jul-EOS (H. Robinson); 120 at SRSTF 1 Jun, and 63 there 6 Jun (both G. Menk); 21 at Newnans Lake 6 Jun (R. Rowan) and 1 there 13 Jul (J. Hintermister, M. Manetz, H. Adams).
- WESTERN SANDPIPER: 1 at SMNWR 8 Jul (J. Dozier); 1 at Newnans Lake 8 Jul (L. Davis); up to 16 at LARA 8-23 Jul (H. Robinson); 15 at Ocklawaha 21 Jul (E. Scales).

- LEAST SANDPIPER: up to 3 at LARA to 28 Jun, then up to 108 there 8 Jul-EOS (H. Robinson); 2 near Belle Glade 8 Jul (J. Bouton, C. Ewell, W. Winton); 2 at Newnans Lake 8 Jul (M. Manetz, H. Adams, L. Davis).
- WHITE-RUMPED SANDPIPER: 3 at Newnans Lake 6 Jun (R. Rowan).
- PECTORAL SANDPIPER: 6+ near Belle Glade 8 Jul (J. Bouton, C. Ewell, W. Winton); 2 at LARA 12 Jul, and 32 there 30 Jul (H. Robinson); 3 at Newnans Lake 13 Jul (J. Hintermister, M. Manetz, H. Adams), and 55 there 29 Jul (L. Davis).
- DUNLIN: 1 in breeding plumage at SMNWR 14 Jul (G. Menk, D. Harder).
- STILT SANDPIPER: 1 in breeding plumage at SMNWR 4 Jun (D. Simpson); 1 in breeding plumage at SRSTF 10 Jul (G. Menk); 1 at Newnans Lake 10 Jul (M. Manetz); 1 at LARA 12 Jul, and up to 12 there 19 Jul-EOS (H. Robinson); 1 at Carillon 28 Jul (J. Fisher).
- SHORT-BILLED DOWITCHER: 3 at LARA 8 Jul, and up to 34 there 19 Jul-EOS (H. Robinson); up to 7 at Newnans Lake 12-19 Jul (M. Manetz, R. Rowan).
- LONG-BILLED DOWITCHER: 1 heard at SRSTF 25-31 Jul (G. and S. Hampton, G. Menk et al.).
- COMMON SNIBE: 1 at Holelyland WMA 29 Jul (M. Cooper).
- WILSON'S PHALAROPE: 1 adult male near Belle Glade 8 Jul (J. Bouton, C. Ewell, W. Winton); 1 at Fort Walton Beach STF (*Okaloosa*) 14 Jul (D. Ware); 1 at LARA 23 Jul (H. Robinson).
- LAUGHING GULL: up to 4 at Newnans Lake 1 Jul-EOS (M. Manetz, J. Hintermister).
- RING-BILLED GULL: 1 at PPM 25 Jun (P. Timmer).
- GULL-BILLED TERN: 1 nest with 2 eggs at Island 2D, Hillsborough Bay (*Hillsborough*) 2 Jun (A. Schnapf, B. Pranty, photo to FOC); 1 at Lake Maggiore, St. Petersburg 10 Jun (K. Nelson, L. Hopkins); 1 at Shell Key Preserve 12 Jun (K. Nelson, P. Blair); 1 at SMNWR 21 Jun (J. Agius); 1 at Newnans Lake 2 Jul (J. Hintermister).
- CASPIAN TERN: 1 at Newnans Lake 9-22 Jul (L. Davis, R. Rowan et al.); 2 at Rotenberger WMA 22 Jul (J. Boyd, J. Villamil, K. Sarsfield).
- ROYAL TERN: up to 82 at SMNWR 25 Jun-24 Jul (J. Reinman et al.); up to 2 at Newnans Lake 5-22 Jul (M. Meisenburg, L. Davis).
- SANDWICH TERN: 2 at SMNWR 4 Jun (D. Simpson).
- COMMON TERN: 16 at SMNWR 4 Jun (D. Simpson); 1 at LARA 28 Jun (H. Robinson).
- FORSTER'S TERN: 1 at LARA 30 Jun, and up to 12 there 8 Jul-EOS (H. Robinson).
- LEAST TERN: 1 pair that copulated on the sandy shore of Lake Winder (*Brevard*) 2 Jun suggested local breeding (S. Rowe); 3 at Newnans Lake 20 Jun (R. Rowan); 110 (70% juveniles) at SMNWR 2 Jul (J. Reinman); 0 nests at Anastasia SRA (*St. Johns*), 20 nests at Guana River SP (*St. Johns*) produced some young, and 100 pairs at Fort Matanzas (*St. Johns*) with unknown breeding success (all information *vide* P. Powell).
- BLACK TERN: 1 at Shell Key Preserve 12 Jun (K. Nelson, P. Blair); 3 at Fort De Soto CP (*Pinellas*) 16 Jun (L. Atherton).
- BLACK SKIMMER: 23 at Lake Hollingsworth, Lakeland 27 Jun (T. Palmer).
- EURASIAN COLLARED-DOVE: 366 in a 10-block area near Winter Haven (*Polk*) 29 Jul (T. Palmer).
- WHITE-WINGED DOVE: 1 at Jupiter Island (*Palm Beach*) 5 Jul (J. and L. Hailman); 1 at Cedar Key through 11 Jul (D. Henderson); 1 at Key West 26 Jul (J. Ondrejko); up to 6 summered at Ocala (*vide* C. Ewell).
- BUDGERIGAR: 1 yellow morph captured near Brandon (*Hillsborough*) 1 Jul (A. Schnapf, R. Paul); 1 at Kendall 16 Jul (J. Boyd).
- COCKATIEL: 1 near Winter Haven 6 Jun (T. Palmer).
- MALABAR PARAKEET** (*Psittacula columboides*): 1 at Gulfport (*Pinellas*) 2 Jul (M. Ellsworth) was described as being blue-green with a dark necklace—field marks that seem to rule out similar species. This is the first report in Florida.
- BLACK-HOODED PARAKEET: 5 near Palm Beach International Airport (*Palm Beach*) 23 Jun had nested earlier in a palm snag (J. Holstein).



- GALAH: 1 tame, banded bird captured at Citrus Park (*Hillsborough*) 11 Jul had escaped from its "owner" in Odessa 0.8 km away two days earlier (S. Treat, photo to FOC).
- MACAW SPECIES: 2 S of Clermont (*Lake*) 2 Jun (B. and L. Cooper).
- YELLOW-BILLED CUCKOO: 1 at HISRA 22 Jul (R. Smith).
- SMOOTH-BILLED ANI: 1 ani, presumably this species, at Immokalee (*Hendry*) 5 Jun (R. Wooster); 4 SW of Belle Glade 9 Jul (V. McGrath, W. Winton).
- HAIRY WOODPECKER: 1 male and 1 female at NE Cape Coral 11 Jun-EOS (C. Ewell).
- RED-CKOADED WOODPECKER: 19 adults in 7 clans produced 14 young at SMNWR (M. Keys).
- WESTERN KINGBIRD: 1 at SMNWR 4 Jun (D. Simpson).
- GRAY KINGBIRD: bred sparingly around Gulf Breeze (*Santa Rosa*) but has not yet returned to its Fort Pickens stronghold since hurricanes *Erin* and *Opal* in 1995 (B. Duncan).
- FORK-TAILED FLYCATCHER: 1 at LARA 23 Jul (H. Robinson).
- RED-EYED VIREO: 1 at Sweetwater Slough, Loop Road, Big Cypress National Preserve (*Monroe*) 10 Jun (B. Boeringer), and 2 there 4 Jul (J. Boyd et al.); 1 at A.D. Barnes Park (*Miami-Dade*) 13 Jul (J. Rosenfield).
- BLUE JAY: birds are now "quite common" from Key Largo to Islamorada (*Monroe*) (R. Sawicki).
- PURPLE MARTIN: 3200 at Jupiter Inlet 16 Jun (J. and L. Hailman); 500 at Ft. Lauderdale (*Broward*) 24 Jun and ~1500 on 8 Jul (D. Simpson, B. Paxson, S. Epps); 1 at Key West 27 Jun (J. Ondrejko).
- TREE SWALLOW: 1 adult near Belle Glade 2 Jul (J. Bouton, C. Ewell); 1 in *Indian River* 20 Jul (S. Rowe); 1 at SMNWR 23 Jul (J. Dozier, K. Avera); 1 at LARA 23 Jul (P. Fellers, L. Albright).
- NORTHERN ROUGH-WINGED SWALLOW: 1 pair that fledged 3 young from a nest under a footbridge across a creek at John U. Lloyd SP 8-9 Jun (S. Epps, W. George) was the first breeding report for *Broward*; 1 pair with 7 fledglings at Gainesville 12 Jun (J. W. Hardy); 5 along the *Pinellas* Bayway 12 Jul (M. Wilkinson); 1 immature at SRSTF 20 Jul (G. Menk); 9 at LARA 23 Jul (P. Fellers, L. Albright).
- BANK SWALLOW: 1 W of Kendall 16 Jul (J. Boyd); up to 3 at LARA 16 Jul-EOS (H. Robinson).
- CLIFF SWALLOW: 1 W of Kendall 9 Jul—the buffy forehead and dark throat were seen clearly (J. Boyd); 1 at LARA 23-26 Jul (H. Robinson); 1 at HISRA 25 Jul (B. Ahern).
- CAVE SWALLOW: 1 immature at Jupiter Inlet 6 Jul (J. Hailman).
- BARN SWALLOW: 1 adult near Belle Glade 2 Jul (J. Bouton, C. Ewell); 1 W of Kendall 2 Jul (J. Boyd); at least 1 pair that nested under a spillway of the Kissimmee River, with 2 young seen 25 Jul (T. J. Coburn, P. Fellers) was the first *Polk* breeding report.
- CAROLINA CHICKADEE: 1 that sang at Fort De Soto CP (*Pinellas*) 13 Jun-EOS (L. Atherton, J. and L. Hopkins, P. Trunk et al.) was the first park report.
- BLUE-GRAY GNATCATCHER: 1 at Key West 30 Jul (J. Ondrejko).
- AMERICAN ROBIN: 1 at Cedar Key 8 Jun (D. Henderson).
- GRAY CATBIRD: 1 pair successfully fledged 2 young at Gulf Breeze, the first breeding report for the area (B. and L. Duncan); 1 at Baldwin (*Duval*) 16 Jul (R. Rowan); 1 presumed pair summered at Gainesville (D. Leonard).
- NORTHERN MOCKINGBIRD: 33 juveniles in a flock arrived at the tip of Gulf Breeze 16 Jul then departed back E up the peninsula within 5 min, an event that has been observed often in the past (B. Duncan).
- COMMON MYNA: 2 nested in a cavity in a power pole at Key West (*Monroe*) 26 Jun ff (L. Manfredi, J. Ondrejko).
- CEDAR WAXWING: 2 at Gainesville 3 Jul (D. Steadman).
- NORTHERN PARULA: 2 at Sweetwater Slough 10 Jun (B. Boeringer) and 1 immature there 4 Jul (J. Boyd et al.).

- YELLOW WARBLER: 2 at Gulf Breeze 1 Jul (B. and L. Duncan); 1 at LARA 19 Jul, and 4 there 30 Jul (H. Robinson); 1 at Black Swamp (*Leon*) 22 Jul (G. Menk); 2 at John Chestnut CP (*Pinellas*) 22 Jul (A. and R. Smith); 2 at HISRA 25 Jul (B. Ahern); 1 at Tallahassee (*Leon*) 30 Jul (H. Hooper, G. Menk).
- YELLOW-THROATED WARBLER: 1 at A.D. Barnes Park 13 Jul (J. Rosenfield).
- PRAIRIE WARBLER: 1 sang at Cedar Key 8 Jun (D. Henderson); 2 at LARA 19 Jul (H. Robinson); 1 immature at Jacksonville (*Duval*) 28-29 Jul (P. Powell).
- BLACK-AND-WHITE WARBLER: 1 at A.D. Barnes Park 13 Jul (J. Rosenfield); 1 in mid-*Pinellas* 16 Jul (J. Fisher).
- AMERICAN REDSTART: 1 female in mid-*Pinellas* 16 Jul (J. Fisher); 1 male at Jacksonville 28 Jul (J. Cocke); 1 at Miami Shores (*Miami-Dade*) 29 Jul (P. Bithorn et al.); 1 at Lakeland 31 Jul (P. Fellers).
- PROTHONOTARY WARBLER: 2 or 3 at Sweetwater Slough 10 Jun (B. Boeringer) and 4 Jul (J. Boyd et al.); 1 at Boyd Hill Nature Park 22 Jul (D. Goodwin); 1 at Saddle Creek CP 28 Jul (P. Fellers).
- LOUISIANA WATERTHRUSH: 1 presumed migrant in a Tallahassee yard (*Leon*) 23 Jun (F. Rutkovsky); 1 at Newnans Lake 1 Jul (M. Manetz); 1 at Melbourne Village (*Brevard*) 1 Jul (B. and S. Hills); 1 at Bartow 18 Jul and 3 at Saddle Creek CP 23 Jul (both T. Palmer); 1 at LARA 23 Jul (H. Robinson).
- HOODED WARBLER: 1 female in *Hillsborough* 26 Jul (A. Mason).
- YELLOW-BREASTED CHAT: 11 at LARA 9 Jun (H. Robinson).
- NORTHERN CARDINAL: 87 at LARA 6 Jun (H. Robinson); the only known pair at Key West produced at least 1 fledgling 30 Jul (J. Ondrejko).
- BLUE GROSBEAK: 39 at LARA 4 Jul (H. Robinson).
- INDIGO BUNTING: 19 at LARA 30 Jun (H. Robinson); 1 male sang in mid-*Pinellas* 18 Jul (J. Fisher).
- PAINTED BUNTING: 6 at LARA 30 Jun (H. Robinson); 1 adult male at A.D. Barnes Park 26 Jul (B. Rapoza).
- DICKCISSEL: 5 at LARA 3 Jun, 3 there 6 Jun, and 2 there 9 Jun (H. Robinson).
- COMMON GRACKLE: birds have been "ubiquitous" in the Keys (*Monroe*) the past several years (R. Sawicki).
- SHINY COWBIRD: 1 male at Bald Point 4-11 Jul (J. Dozier); up to 3 summered at Key West (J. Ondrejko).
- ORCHARD ORIOLE: 5 at LARA 19 Jun (H. Robinson).
- BALTIMORE ORIOLE: 1 male near LARA 30 Jun (B. Ahern).
- HOUSE FINCH: a nest at Ocala (*Marion*) fledged young from a first brood by 7 May and from a second brood by 19 Jun (M. Paczolt); 1 male fed 2 fledglings at Fort Lauderdale 10 Jun (S. Epps); 1 male and 1 female at SW Ocala (outside of town) 26-29 Jun had been present for some time (C. Ewell); 1 female and 1 juvenile at Lutz (*Pasco*) 15 Jul (D. Bowman).
- AMERICAN GOLDFINCH: 1 male at Monticello (*Jefferson*) 4 Jun, and a female there 13 Jul (R. Atchison); 1 at Alachua (*Alachua*) 12 Jun (P. Burns).
- ORANGE BISHOP: 1 W of Kendall 28 Jul (J. Boyd).
- NUTMEG MANNIKIN: birds have been regular at feeders in Pensacola (*Escambia*) since winter (*vide* B. Duncan).

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Correction to the Winter 1999-2000 report: the Brown-crested Flycatcher at Snake Bight, Everglades National Park, 14 Jan 2000 was observed by Jeff Bouton, not by Ron Smith.

The following table could not be included in the Spring 2000 report for reasons of space, so it is being printed here. From 2-26 May, Terry Doyle conducted seven point count routes for a total of 87 points in mangrove island and mainland habitats within Ten Thousand Islands NWR (*Collier*). Tape playbackes were not used to attract any species. The eight most recorded species, in descending order, are shown in the table below.

Species	Individuals	Birds per point	% of points
Red-bellied Woodpecker	174	2.00	93
White-eyed Vireo	154	1.77	80
Northern Cardinal	123	1.14	82
Black-whiskered Vireo	103	1.18	64
Mangrove Cuckoo	64	0.74	51
Pileated Woodpecker	57	0.66	54
Prairie Warbler	53	0.61	48
Great Crested Flycatcher	44	0.51	39

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