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SEPTEMBER 1981

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BIRDS OF FENTRESS COUNTY, TENNESSEE

INCLUDING THE 1979 FORAY

CHARLES P. NICHOLSON

Fentress County (Figure 1), on the western edge of the Cumberland Plateau in Tennessee, was the site of the 1979 Tennessee Ornithological Society breeding bird foray. The majority of the land area of 129,260 ha is within the Cumberland Plateau physiographic region, and the remainder, on the western edge of the county, is in the Highland Rim province of the Interior Low Plateau. Relief varies from 198 m on Dale Hollow Lake to 567 m on the Cumberland Plateau (hereinafter "plateau") near Clarkrange. Approximately 77 percent of the county is forested, and oak-hickory forest types are found on 59 percent of the forest area (Hedlund and Earles 1971). Other major forest types are oak-pine and shortleaf and Virginia pine, and the pine forest types are more common on the plateau than on the Highland Rim area. The relatively flat upland area of the plateau is dissected by gorges formed by tributaries of the Big South Fork of the Cumberland River on the east, and tributaries of the Obey River on the west. Beech, sugar maple, white pine and hemlock, along with a thick rhododendron understory, occur in the cool, moist gorges. Most of the forest is second growth, although old growth stands occur in some of the gorges. Major agricultural crops are cattle and corn. Much of the plateau area is underlain by coal seams, and coal has been mined for many years, both in deep mines and surface mines. Many recent surface mines are vegetated with grasses and forbs, and often pastured, while many older mines have a partial cover of trees and shrubs. The 1970 population was 12,593.

The ornithological history of Fentress County dates back to 1895, when Samuel N. Rhoads, of the Academy of Natural Sciences of Philadelphia, observed and collected at several stations across Tennessee (Rhoads 1895). Rhoads made a bicycle trip from Sunbright, in Morgan County, northwest to Allardt, and then east to Rugby Road (= Elgin), in Scott County. Rhoads was in the area from 5 to 8 June. The next published account of Fentress County birds was that of Albert F. Ganier (1937), who appended his account of a Pickett Forest foray with observations from the Jamestown area. From 1937 to the present, there have been only scattered observations published in *The Migrant*.

During the 1979 foray, 22 birders from across the state worked the county from 1 to 4 June. Most of the fieldwork was on 2 and 3 June, and consisted of random birding of assigned portions of the county, as well as conducting 1 complete and 2

Pickett County was also covered during the 1979 foray. Results from Pickett County will be published in a later issue of *The Migrant*.

- AM. WOODCOCK 1, 0/0, along Clear Fork, on 2 June by the Mayfields, and 1 road-killed bird observed on 1 June by TL, RP, TP.
- COMMON SNIPE 1 on 18 February 1980 at Pall Mall; 5 on 3 March 1979 by PP, BS.
- SPOTTED SANDPIPER 4, 0/0, 3 on Clear Fork on 1 June by the Mayfields, and 1 by PP at Whispering Winds Lake; 1 on 28 April 1979; 1 on 24 September 1976.

SOLITARY SANDPIPER — 3 on 28 April 1979.

LESSER YELLOWLEGS — 5 on 28 April 1979 near Stockton.

DUNLIN — 1 on 28 April near Stockton.

ROCK DOVE — 41, 0/0; 6 on 27 April and 2 on 28 April 1979; 1 on 8 September 1976; 15 on 29 November 1980; 34 on 18 February 1980.

MOURNING DOVE — 200, 52/26; 3 on 27 April and 40 on 28 April 1979; 6 on 28 June and 9 on 29 June 1980; 30 on 8 September 1976; 28 on 18 February 1980.

YELLOW-BILLED CUCKOO — 36, 15/13.

BLACK-BILLED CUCKOO — 1, 0/0, reported by PP.

SCREECH OWL — 1, 0/0, reported by PP.

GREAT HORNED OWL — 4, 0/0, 3 on 1 June and 1 on 2 June along Clear Fork by the Mayfields; nest with 2 small young reported by Ganier (1937) on 25 March 1928 at Gwinn Cove.

CHUCK-WILL'S-WIDOW — I reported at Pall Mall on 14 June 1937 by Ganier (1937).

WHIP-POOR-WILL — 20, 1/1; recorded by Rhoads (1895), and 'calling in numbers' on plateau on 14 June 1937 by Ganier (1937).

CHIMNEY SWIFT — 220, 3/2; 7 on 28 April 1979; 5 on 28 June 1980.

RUBY-THROATED HUMMINGBIRD — 9, 3/3; reported by Rhoads (1895); 1 on 8 September 1976.

BELTED KINGFISHER — 1, 0/0, observed on 2 June by J&BRC; 1 on 8 September 1976; 1 on 29 November 1980 at Peters Bridge, Clear Fork; 1 at York Park on 18 February 1980.

COMMON (YELLOW-SHAFTED) FLICKER — 49, 4/4, adults at nest cavity near Sharp Place on 2 June by GK, CPN; 1 on 28 April 1979; 1 on 29 June 1980; 1 on 29 November 1980; 2 on 18 February 1980.

PILEATED WOODPECKER — 19, 5/5; recorded by Rhoads (1895); 1 on 8 September 1976; 2 on 29 November 1980; 1 on 18 February 1980.

RED-BELLIED WOODPECKER — 15, 1/1.

RED-HEADED WOODPECKER — 4, 0/0, nest with adults feeding young in dead pine at York Institute on 2 June by FJA, TL, RP, TP; 1 on 28 April 1979; recorded by Rhoads (1895).

HAIRY WOODPECKER - 2, 2/2; 3 on 18 February 1980.

DOWNY WOODPECKER — 9, 5/4; 1 on 28 April 1979; 1 on 8 September 1976; 3 on 29 November 1980; 3 on 18 February 1980.

- RED-COCKADED WOODPECKER former resident Rhoads (1895) reported young in a nest at Allardt on 8 June, and Ganier (1937, 1962) reported 1 bird in the pine grove at York Institute. There are no recent records, although the Alsop party spent many hours unsuccessfully searching for the species in 1979, and reports suitable habitat is present.
- E. KINGBIRD 58, 0/0, nest with 4 eggs observed by GK and CPN in pine on Co. rt. 2451, 10 km SE of Sharp Place; 5 on 28 April 1979; reported by Rhoads (1895); 3 on 28 June and 3 on 29 June 1980.
- GREAT CRESTED FLYCATCHER 19, 4/4; reported by Rhoads (1895).
- E. PHOEBE 30, 6/6; recorded by Rhoads (1895); 1 on 8 September 1976; 1 on 18 February 1980; 2 on 3 March 1979 by PP, BS.
- ACADIAN FLYCATCHER 110, 1/1; recorded by Rhoads (1895).
- WILLOW FLYCATCHER 1, 0/0, observed along Wolf River E. of US 127 by J&BRC, CPN on 2 and 3 June; 1 at same locality on 29 June 1980.
- LEAST FLYCATCHER 2, 0/0, 1 observed by GK, CPN along Co. rt. 2451, 10 km SE of Sharp Place on 2 June, singing in open pine-hardwoods; same site checked on 3 and 4 June by HO, PR, without success; however, on 4 June they heard 1 singing along TN 154 at jct. with rt. 2451 at Sharp Place. These are very late dates for migrating birds, and they may have been on territory, as the species nests as close as 43 km E in the Cumberland Mountains in Campbell County, as low as 469 m (Campbell and Howell 1970). Mengel (1965) lists no substantiated breeding records from the plateau in Kentucky.
- EMPIDONAX SPP. 1 on 8 September 1976.
- E. WOOD PEWEE 49, 7/6; recorded by Rhoads (1895).
- HORNED LARK 13, 0/0; 3 on 29 November 1980; 1 on 18 February 1980; 3 on 3 March 1979 by PP, BS; all on plateau.
- TREE SWALLOW 10 on 28 April 1979; 5 on 8 September 1976.
- BANK SWALLOW 15 on 28 April 1979.
- ROUGH-WINGED SWALLOW 34, 6/4, nest with adults feeding young observed by MLB, CPN, DV in rock dam at York Mill; 30 on 28 April 1979; listed by Rhoads (1895) as abundant; 35 on 29 June 1980.
- BARN SWALLOW 589, 63/19; 15 on 27 April and 150 on 28 April 1979; 48 on 28 June and 60 on 29 June 1980; 6 on 8 September 1976.
- CLIFF SWALLOW 20 on 8 September 1976.
- PURPLE MARTIN 250, 16/6, numerous colonies observed on foray and on 27-28 April 1979; 'some' reported by Rhoads (1895); 10 on 28 June and 3 on 29 June 1980.
- BLUE JAY 91, 21/16; 1 on 27 April and 5 on 28 April 1979; reported by Rhoads (1895); 1 on 29 June 1980; 4 on 8 September 1976; 21 on 18 February 1980.
- COMMON RAVEN of hypothetical occurrence reported to Ganier (1973) by local residents to be nesting on Yellow Bluff, along Rock Creek, in the 1920's; was not reported by Rhoads (1895).
- COMMON CROW 145, 65/36; 15 on 27 April and 5 on 28 April 1979; observed by

- Rhoads (1895); 3 on 28 June and 8 on 29 June 1980; 4 on 8 September 1976; 330 on 29 November 1980; 115 on 18 February 1980.
- CAROLINA CHICKADEE 60, 5/3; 5 on 28 April 1979; reported by Rhoads (1895); 6 on 8 September 1976; 20 on 29 November 1980; 6 on 18 February 1980.
- TUFTED TITMOUSE 57, 20/19; 5 on 28 April 1979; reported by Rhoads (1895); 1 on 8 September 1976; 11 on 29 November 1980; 8 on 18 February 1980.
- WHITE-BREASTED NUTHATCH 10, 0/0; reported by Rhoads (1895).
- RED-BREASTED NUTHATCH 3 on 29 November 1980.
- BROWN CREEPER 1 on 18 February 1980.
- HOUSE WREN 6, 0/0, observed on 2 June in Jamestown area.
- BEWICK'S WREN described by Rhoads (1895) as 'local'; no other county records.
- CAROLINA WREN 9, 2/2; 1 on 28 April 1979; 'abundant' according to Rhoads (1895); 1 on 8 September 1976; 3 on 29 November 1980.
- MOCKINGBIRD 65, 2/1, nest with 1 egg on 2 June by FJA, TL, RP, TP; 3 on 28 April 1979; 4 on 8 September 1976; 1 on 29 November 1980; 1 on 18 February 1980.
- GRAY CATBIRD 61, 8/8, empty nest and nest with 3 eggs on 3 June by CPN at Stockton; 1 on 28 April 1979; recorded by Rhoads (1895); 6 on 29 June 1980; 1 on 8 September 1976.
- BROWN THRASHER 54, 10/10, nest with 4 young, 4 days old, on 2 June by FJA, TL, RP, TP; 2 on 28 April 1979; recorded by Rhoads (1895); 1 on 28 June 1980.
- AM. ROBIN 208, 31/16, nest with 3 young on 2 June at Jamestown by SC; 2 on 27 April and 15 on 28 April 1979; 4 on 28 June and 10 on 29 June 1980; 15 on 8 September 1976; 3 on 29 November 1980; 55 on 18 February 1980.
- wood thrush 80, 39/25.
- HERMIT THRUSH—1 on 29 November 1980; 2 on 18 February 1980; all on plateau.
- E. BLUEBIRD 64, 11/7, new empty nest in fencepost on 2 June, 2 km SW of Jamestown by FJA; 4 on 27 April and 20 on 28 April 1979; reported by Rhoads (1895); 1 on 28 June and 2 on 29 June 1980; 20 on 8 September 1976; 9 on 29 November 1980; 17 on 18 February 1980.
- BLUE-GRAY GNATCATCHER 54, 19/15; 2 on 27 April and 10 on 28 April 1979; reported by Rhoads (1895); 1 on 8 September 1976.
- GOLDEN-CROWNED KINGLET 8 on 29 November 1980; 2 on 18 February 1980.
- CEDAR WAXWING 48, 6/2; reported by Rhoads (1895).
- LOGGERHEAD SHRIKE 2, 0/0, observed on 2 June, 1 by FJA, TL, RP, TP, and 1 by J&BRC; 1 on 8 September 1976; 2 on 3 March 1979 by PP, BS.
- STARLING 222, 39/13; 7 on 27 April and 20 on 28 April 1979; reported by Ganier (1937) in Jamestown area; 30 on 28 June, 6 on 29 June 1980; 17 on 29 November 1980; 195 on 18 February 1980.
- WHITE-EYED VIREO 81, 13/12; 8 on 28 April 1980; 'abundant' according to Rhoads (1895); 1 on 8 September 1976.

YELLOW-THROATED VIREO — 53, 9/9; 1 on 28 April 1979; recorded by Rhoads (1895).

RED-EYED VIREO — 238, 69/44; 8 on 28 April 1979; described by Rhoads (1895) as 'abundant'; 1 on 8 September 1976.

WARBLING VIREO — recorded by Rhoads (1895); no recent records.

BLACK-AND-WHITE WARBLER — 78, 18/15; 1 on 28 April 1979; 'abundant' according to Rhoads (1895); 1 in June 1937 by Ganier (1937); 1 on 8 September 1976; 1 on 24 September 1978.

SWAINSON'S WARBLER — 4, 0/0, 2 on 1 June and 2 on 2 June, along Clear Fork between Peters Bridge and Scott Co. line by the Mayfields.

WORM-EATING WARBLER — 57, 5/4; 1 on 28 April 1979.

GOLDEN-WINGED WARBLER — 4, 1/1, all on plateau; recorded by Rhoads (1895).

BLUE-WINGED WARBLER — reported in Jamestown area by Ganier (1937), who, curiously, did not record Golden-winged Warblers.

TENNESSEE WARBLER — 2 on 24 September 1978.

NORTHERN PARULA — 76, 1/1; 'abundant' according to Rhoads (1895).

YELLOW WARBLER — 60, 6/5; 1 bird recorded by Rhoads (1895); reported by Ganier (1937).

MAGNOLIA WARBLER — 1 on 8 September 1976; 3 on 24 September 1978.

CAPE MAY WARBLER — 3 on 24 September 1978.

YELLOW-RUMPED (MYRTLE) WARBLER — 1 on 28 April 1979; 5 on 18 February 1980 at York Mill.

BLACK-THROATED GREEN WARBLER — 8, 1/1, found on plateau only; recorded by Rhoads (1895).

CERULEAN WARBLER — 25, 1/1, found on both plateau and Highland Rim; 1 on 28 April 1979.

BLACKBURNIAN WARBLER — 1 on 28 April 1979.

YELLOW-THROATED WARBLER — 87, 3/3; 1 on 28 April 1979; recorded by Rhoads (1895); 1 on 24 September 1978.

CHESTNUT-SIDED WARBLER — 1, 0/0, on plateau, by PP; 1 on 24 September 1978.

BAY-BREASTED WARBLER — 3 on 24 September 1978.

PINE WARBLER — 28, 15/10, most common on plateau; recorded by Rhoads (1895); 1 on 8 September 1976; 2 singing on 18 February 1980.

PRAIRIE WARBLER — 49, 6/5; 5 on 28 April 1979; 'numerous' according to Rhoads (1895).

OVENBIRD — 93, 47/25; 2 on 28 April 1979; recorded by Rhoads (1895).

LOUISIANA WATERTHRUSH — 30, 2/2; 'numerous' according to Rhoads (1895).

KENTUCKY WARBLER — 54, 12/10; 'numerous' according to Rhoads (1895).

COMMON YELLOWTHROAT — 107, 25/21; 2 on 28 April 1979; 'abundant' according to Rhoads (1895); 1 on 28 June and 3 on 29 June 1980; 1 on 8 September 1976.

YELLOW-BREASTED CHAT — 68, 19/17; 'abundant' according to Rhoads (1895).

- HOODED WARBLER 52, 10/8; 7 on 28 April 1979; recorded by Rhoads (1895); 1 road kill on 8 September 1976.
- AM. REDSTART 13, 2/2, observed along Clear Fork and on escarpment; recorded by Rhoads (1895).
- HOUSE SPARROW 100, 13/6; 18 on 28 June 1980; 12 on 8 September 1976; 17 on 18 February 1980.
- BOBOLINK 0, 1/1, male observed by GK, CPN on 2 June, along Co. rt. 2451, SE of Sharp Place, perched on power line, did not sing; not observed on later visit to site.
- E. MEADOWLARK 161, 47/23; 10 on 27 April and 50 on 28 April 1979; 'abundant' according to Rhoads (1895); 2 on 28 June and 10 on 29 June 1980; 5 on 8 September 1976; 33 on 29 November 1980; 56 on 18 February 1980.
- RED-WINGED BLACKBIRD 282, 43/18, and 14 nests, 6 empty, 3 with shell fragments, 2 with 2 eggs, 1 with 3 eggs, 2 with 4 eggs, and flightless young at Stockton on 3 June by CPN, and nest with adult on eggs on 2 June near Jamestown by TP; 20 on 27 April and 80 on 28 April 1979; recorded by Rhoads (1895); 3 on 28 June and 11 on 29 June 1980; 100 on 8 September 1976; 29 on 29 November 1980; 1 on 18 February 1980.
- ORCHARD ORIOLE 101, 13/11; 'abundant' according to Rhoads (1895); recorded in Jamestown area by Ganier (1937); 1 on 29 June 1980.
- NORTHERN (BALTIMORE) ORIOLE 1, 0/0, on 1 June near Jamestown by TL, RP, TP; 'abundant' according to Rhoads (1895); recorded in the Jamestown area by Ganier (1937); this species has obviously greatly declined in numbers as a breeding bird in Fentress Co.
- RUSTY BLACKBIRD 1 near Jamestown on 18 February 1980.
- COMMON GRACKLE 322, 109/22, nest with 3 dead young near Sharp Place on 2 June by GK, CPN; 5 on 27 April and 130 on 28 April 1979; not mentioned by Rhoads (1895), but Ganier (1937) comments 'not yet regular summer residents on plateau but several pairs in village of Jamestown'; 70 on 28 June and 6 on 29 June 1980.
- BROWN-HEADED COWBIRD 124, 12/9; 6 on 27 April and 12 on 28 April 1979; this species was not mentioned by Rhoads (1895) or Ganier (1937), and has evidently become established since then; 16 on 28 June and 10 on 29 June 1980.
- SCARLET TANAGER 63, 14/12; 2 on 28 April 1979; 2 on 8 September 1976. SUMMER TANAGER 62, 8/8; recorded by Rhoads (1895).
- CARDINAL 77, 21/16; 3 on 27 April and 15 on 28 April 1979; 'very abundant' according to Rhoads (1895); 2 on 28 June 1980; 5 on 8 September 1976; 5 on 29 November 1980; 15 on 18 February 1980.
- BLUE GROSBEAK 15, 3/3, recorded both on plateau and Highland Rim; 1 on 28 April 1979; 1 on 29 June 1980; 1 on 8 September 1980; this species has evidently recently established itself in Fentress Co., and was not reported by Rhoads (1895) or Ganier (1937).
- INDIGO BUNTING 321, 113/62, nest with 1 egg and 3 young, 5 days old, on 3 June at Whispering Winds Lake by CPN; 1 on 27 April 1979; 'very abundant' according to Rhoads (1895); 7 on 28 June and 10 on 29 June 1980.

- PURPLE FINCH -- 2 on 29 November 1980; 1 on 18 February 1980.
- AM. GOLDFINCH 60, 27/8; 55 on 28 April 1979; recorded by Rhoads (1895); 2 on 29 June 1980; 10 on 8 September 1976; 52 on 29 November 1980; 16 on 18 February 1980.
- RUFOUS-SIDED TOWHEE 59, 19/17; 8 on 28 April 1979; recorded by Rhoads (1895); 1 on 29 November 1980; 6 on 18 February 1980.
- SAVANNAH SPARROW 2 on 28 April 1979; 2 near Allardt on 18 February 1980.
- GRASSHOPPER SPARROW reported by Ganier (1937) from the Jamestown area.
- VESPER SPARROW 2 near Allardt on 18 February 1980.
- BACHMAN'S SPARROW 'numerous' according to Rhoads (1895), who collected 3 specimens at Allardt; no recent records.
- DARK-EYED (SLATE-COLORED) JUNCO 33 on 29 November 1980; 18 on 18 February 1980.
- CHIPPING SPARROW 132, 37/25, nest with 4 young, 3 days old, on 2 June near Jamestown by FJA, TL, RP, TP; 20 on 28 April 1979; recorded by Rhoads (1895); 1 on 28 June 1980; 6 on 8 September 1976.
- FIELD SPARROW 61, 21/16; recorded by Rhoads (1895); 13 on 29 November 1980; 5 on 18 February 1980.
- WHITE-THROATED SPARROW 4 on 28 April 1979; 18 on 29 November 1980; 60 on 18 February 1980.
- SWAMP SPARROW 5 on 28 April 1979; 4 on 29 November 1980; 5 on 18 February 1980; all records from on plateau.
- SONG SPARROW 57, 9/6; recorded both on plateau and Highland Rim; 3 on 28 April 1979; 1 on 29 June 1980; 11 on 29 November 1980; 22 on 18 February 1980; has established itself as a breeding bird since 1937, as was not recorded by Ganier (1937) or Rhoads (1895); based on the spread of the species on the plateau in Kentucky (Mengel 1965), it may have been established by 1950.

DISCUSSION

The preceding list discusses 140 species recorded in Fentress County and 1 additional hypothetical species. Eighty-four species were recorded during the foray in June 1979. All of these 84 species probably breed in the area, with the possible exception of the Spotted Sandpiper, Black-billed Cuckoo, Least Flycatcher, Cedar Waxwing and Bobolink. Species recorded during the breeding season by Rhoads (1895) or Ganier (1937), but for which there are no recent records, include the Golden Eagle, Peregrine Falcon, Turkey, Red-cockaded Woodpecker, Bewick's Wren, Warbling Vireo, Grasshopper Sparrow and Bachman's Sparrow. Suitable habitat still exists for all of these species, and, with the exception of the eagle and falcon, they may still occur in Fentress County. The Baltimore Oriole has evidently declined in recent years, while the Starling, Common Grackle, and Brown-headed Cowbird are probably more abundant than in the 1930's. The Blue Grosbeak and Song Sparrow have become established breeding species in Fentress County since the 1930's. Additional fieldwork, especially during the spring and fall, should increase this species list, although the number of shorebirds and waterfowl will remain low due to the limited wetland habitat.

Foray Participants — Fred J. Alsop, III, Michael L. Bierly, James M. and Betty Reid Campbell, Sam and Kathryn Coward, Dave and Robbie Hassler, Glen King, Thomas Laughlin, Doc and Johnnie Little, George, Mark and Rad Mayfield, Charles P. Nicholson, Holly Overton, Paul Pardue, Rick Phillips, Thomas Phillips, Polly Ryder, and David Vogt.

Suppliers of Unpublished Records — Michael L. Bierly, Paul Hartigan, Dave and Robbie Hassler, Charles P. Nicholson, Paul Pardue, Boyd Sharp, and Morris D. Williams.

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 - P. O. Box 402, Norris, TN 37828. Accepted 15 Dec. 1980.

1981 SPRING FIELD DAYS

RICHARD D. LURA

The eleven counts reported a total of 217 species. The fact that all thirty-six species of warblers expected in the state were seen is of interest. Orange-crowned and Connecticut Warblers were in significantly higher numbers than previous years.

The count was highlighted by such species as Black-headed Grosbeak and Henslow's Sparrow. Dowitchers were seen on five separate counts.

As is the custom the counts are tabulated from west to east across the state.

INFORMATION ON THE COUNTS

MEMPHIS: 26 April; Meeman-Shelby S. P. in A.M. Ben B. Coffey, Jr. (compiler—672 N. Belvedere 38107); group leaders: William Bean, Lula Coffey, Helen Dinkelspiel, Noreen Smith, Martha Waldron, and Dick Whittington. P.M. coverage: south along Miss. R. to Robco Lake; a second party to the Penal Farm.

The Baird's and Buff-breasted Sandpipers were seen by Ben and Lula Coffey.

COLUMBIA: 9 May; temp, 58° to 78° F; 12 observers. Barbara Finney, Jim Finney, Wm. Fugar, Dan Gray, Wm. Jernigan, Anne Lochridge, Bedford Lochridge, George Mayfield (compiler—Maury Co. Hospital, Columbia 38401), Mark Mayfield, Allen Pressnell, Diane Pressnell.

No details were submitted on the Yellow-bellied Flycatcher.

MONTGOMERY COUNTY: 2, 3 May; clear, temp, 45° to 82° F. Joe Allen, Michael Dinsmore (compiler—Jarman Hollow, Palmyra 37142), Floyd Ford, Juanita Harris, Anne Heilman, Ellen Hutchinson, Tony Mahoney, John Quick, Dave Snyder, Ellen Walker, Priscilla Weathersby, John Wheatley.

NASHVILLE: 9, 10 May; temp, 61° to 77° F; wind, SE to SW, 5-20 mph; 60 observers. Frances Abernathy, Jan Alexander, Clyde (compiler—1214 McGavock Pike, Nashville 37216) and Vivian Anderson, Linda Anderson, Mildred Ansley, John Bates, Sue Bell, Michael Bierly, Ruth Castles, Jean Cobb, Dwight Cooley, Annella Creech, Sam Dement, Milbrey Dugger, Clifton Dunn, Evelyn and John Ellis, Charles Farrell, Clara Fentress, John and Karen Filley, Ray Fleischer, Ann Fort, George Freeman, Katherine Goodpasture, Sarah Greene, Ben Groce, Mary Ann and Tom Guschke, John and Martha Herbert, Ann Houk, Louise Jackson, Carol Knauth, Hazel and Lee Kramer, Oliver Lang, Carol Lewis, Adiene Lyon, Portia Macmillan, Jane Maynard, Joe McLaughlin, Marge and Oscar Patrick, Audrey and Don Perry, Virginia Price, Betty Richards, Polly Roddy, Helen Sterling, Carol Stewart, Ellen Stringer, Ann Tarbell, Luttrell Thomas, David Vogt, Kenneth and Sara Walkup, Betty Wise, Virginia Workman.

The dowitcher was reported as a Short-billed Dowitcher.

MURFREESBORO: 25, 26 April, clear; temp, 50° to 75° F; 22 obserers. Glenn Birdwell (compiler, Rt. 11, Compton Road, Murfreesboro 37130), Maria Birdwell, Martha Crutchfield, Lou Erwin, C. E. Greever, Helen Greever, Edith Haynes, Ann Hettish, Bob Hettish, Margaret Hibbett, Richard Hunter, Wilma Hunter, Rebecca Jones, Pat Martin, Larry McFarlin, Mary Edith McFarlin, Linda

1981 SPRING COUNT

		. , 0 .	0111	1110	COC	0111						
	Memp	Mont	Colu	Nash	Murf	Wils	High	Chat	Knox	Gree	Eliz	
Common Loon	**	**		1		-22	**	34		**	5	
Horned Grebe	2	* *			**		**	1				
Pied-billed Grebe Double-or, Cormorant	2	-	1	3	-	1	1	1	**	10	2	
Great Blue Heron	1.75	3	2	11	3	4	1	5	**	1	1	
Green Heron	2	3	11	32	10	12		12	20	***	15	
Little Blue Heron	26	1		6					-		**	
Cattle Egret Great Egret	35			1	2			1		**	1	
Snowy Egret	**	**	-		**	100		1*				
Black-or, Night Heron	1.0		**	134	***	200			1		***	
Yellow-dr. Night Heron American Bittern				3	1		1	1			2	
Canada Goose	**	7	17	256	5	122	7	17	111	15	5	
Mallard	7	*-	9	146	li	11	5	30	8		35	
Black Duck					. 2				- 35		1.	
Gadwall American Wigeon			- 22		**		11	3		-		
Green-winged Teal									2			
Blue-winged Toal	12	5	3	5	2	12	.3	50	22	7	51	
Northern Shoveler	73		33	3		15			1	22		
Wood Duck Ring-necked Duck	12	5	16	28	14	13	2	23	41	4	32	
Lesser Scaup	1		-		**						1	
Bufflehead	**	**	**		**				-		15	
Ruddy Duck	12:		22		**			8				
Hooded Merganser Red-breasted Merganser			-	- 1		-	77	7		7.5	3	
Turkey Vulture	***	9	15	92	23	33	12	23	18	7	32	
Black Vulture	**	14	5	46	5	46	57%	13	.55	1		
Sharp-shinned Hawk	0.00		1	3		1	7.7	2	175		14	
Cooper's Hawk		- 14	1.	2	1	- la	2	1	13		3	
Red-tailed Hawk Red-shouldered Hawk	1	1	6	25 11	9		1	8 5	7	1	6	
Broad-winged Hawk		2	3	5#	1	2.22		15	1	2	17	
Marsh Hawk	**				2	1	75	1	1	-55		
Osprey Merlin		**	***	la .		1			3		7	
American Kestrel		1	7	30	16	8	33	l _k	14	1	13	
Ruffed Groune	**				* =	**					3	
Bobwhite	17	19	29	115	38	40	8	16	43	8	15	
Turkey	1		1	50	**	**				**		
Virginia Rail Sora	1			1				**	**		4	
American Coot	3	**	5	h	**	**	1	388	4		5	
Semipalmated Plover				. 9	**		-+	2				
Killdeer Black-bellied Plover	10	6	9	5h 1*	21	38	7	29	40	1	24	
American Woodcook			17.7	2			ne:	14	1		2.00	
Common Snips	P	**		2	**	1		5	9	**	14.14	
Spotted Sandpiper	3 7	1	13	43	1	5	1	. 8	10		15	
Solitary Sandpiper Greater Yellowlers	7	3	2	9 3	10	29	2	116	30	3	19 20	
Lesser Yellowlegs	16	1	1	11		5	1	14	5		55	
Pectoral Sandpiper	6	**	3	5				8	3		6	
White-rumped Handpiper	72		-	- 12	1	142	22	++	++	22	-	
Baird's Sandpiper Least Sandpiper	23		14	20				20	2		8	
Dunlin	6.3		-	79				20		- 22		
Dowitcher mp.	**	**		1*	1*	2*		1.	7.7	17.7	5	
Stilt Sandpiper			277	25	2	337				-		
Semipalmated Sandpiper	1.			20		1		**	**		**	
Buff-breasted Sandpiper Herring Gull				9	-	- 22	-	**	**		1	
Ring-billed Gull	***		: ***	51		13		134	2		12	
Bonaparte's Gull				3	**	687.6		2	**	***	.5	
Common Term Caspian Term				6.		***	**	1			15	
Rock Dove	1	56	9	165	87	86	7	96	102	2	116	
Mourning Dove	87	54	26	308	112	95	67	117	1481	63	141	

	Memp	Mont	Colu	Nash	Murf	Wils	High	Chat	Knox	11.00.22.2	
Yellow-billed Cuckoo	1	11	12	51	45	12	111-811	1	4	Gree 1	Eliz
Black-billed Cuckoo				-	•••	1		-2			
Barn Owl Screech Owl		2	2	3	2	9	32)	2	3	- 22	2
Great Horned Owl		1	3	14	2	3		2	4	33	1
Barred Owl	3	2	3	8		12	55	1	7		1
Chuck-will's Widow Whip-poor-will	-	3	1	1	3	2	1	7	37		1
Common Nighthawk	**	- 8	3 6	34	18	16		4	2		3
Chimney Swift	26	69	37	487	49	182	34	75	268	49	444
Ruby-throated Hummingbird Belted Kingfisher	7	1 2	3	22	3	6		7 8	1		2
Common Flicker	8	6	4	17 53	. 5 19	9	10	21	17 32	16	20 42
Pileated Woodpecker	13	9	11	30		2	10	10	32	4	12
Red-bellied Woodpecker	30	36	33	103	13	18	5	23	47	9	17
Red-headed Woodpecker	27	2	10	10	2	5	7	8	**	44	2
Yellow-bellied Sapsucker Hairy Woodpecker	1	4	5	15	3	3		1	1	2	
Downy Woodpecker	8	15	21	76	9	4	3	14	12	9	14
Eastern Kingbird	9	9	18	71	29	67	9	58	30	2	20
Great-crested Flycatcher	19	18	10	61	5	34	5	17	16	2	4
Eastern Phoebe Yellow-bellied Flycatcher	2	6	10	18	3	18	- :	9	20		35
Acadian Flycatcher	21		21	39	881	2	883	6	3		
Willow Flycatcher			**	3			**		-22	557	
Alder Flycatcher Least Flycatcher	142		**				722	1*		**	
Eastern Wood Pewee	11	3 10	15	6 89	1	12	i ₄	14	5	2	
Olive-sided Flycatcher				3*							-
Horned Lark	24				25		30	77	14	***	2
Tree Swallow Bank Swallow			5 12	5		22	14	14	11	2	56
Rough-winged Swallow	2	2	58	68 64		26 22	3	6 17	3 42	5	241
Barn Swallow	45	17	59	295	121	229	1414	56	144	36	384
Cliff Swallow	2	2	4	164	7.70			175	4	**	1
Purple Martin Blue Jav	21 21	30	22 37	61 198	65	63 140	. 7	133	163	27	46
Common Raven			31	190	79	140	45	250	360	59	134
Fish Crow Common Crow	1										
		32	55	156	102	250	18	104	275	51	218
Carolina Chickadee Tufted Titmouse	28 33	32	29 46	174 165	31	54	5	58	145	17	88
White-breasted Nuthatch	3	3	2	20	23	59	1 2	28	86 2	30	65 6
Red-breasted Nuthatch	32	**	55					1	9	255	1
Brown-headed Nuthatch	**		5.50		**		**	3*			**
House Wren Bewick's Wren	22	8	1	18	3	5 3	2.0	1	i ₄	12	
Carolina Wren	38	10	13	114	5	7	1	38	111	15	41
Long-billed Marsh Wren		1		3							1
Short-billed Marsh Wren		**	**		12		**	1			
Mockingbird Gray Catbird	24	25 7	45	119	156	108	29	101	137	56	109
Brown Thrasher	2	12	12 24	70 86	7 19	30 107	2 15	9 28	50	12	4 25
American Robin	37	51	45	443	271	356	55	121	245	94	399
Wood Thrush	19	18	20	108	1	19	2	48	64	2	50
Hermit Thrush Swainson's Thrush	1			***	-22	24	**		7.5	107	
Gray-cheeked Thrush	32 5	2	55	150 6		2		3	3		221
Veery		3	1	18		1				- 22	22
Eastern Bluebird	5	5	17	lala	6	1424	14	75	34	19	35
Blue-gray Gnatcatcher Golden-crowned Kinglet	70	41	24	114	13	53	15	1424	105	11	34
Ruby-crowned Kinglet	ī	55		2	1			2	55	1	3
Water Pipit							22		15		
Cedar Waxwing	12	**	103	102		6	17.7	24	254	39	41
Loggerhead Shrike Starling	2	2	4	14	6	25	1	3	. 3	(*)*	1
White-eyed Vireo	41 44	95 17	155	965 105	1.1M 8	451 7	65	218 16	657 70	7	892 11
Yellow-throated Vireo	10	1	39 6	15	122	8	1	4	13	0.00	3
Solitary Vireo	1				3.55	1	1		2	11	12

		Sauce Street	1000-11	Dame Form			S. W. 1241	V-2470-21	5200000	1020000	ii Saada Sa oo o
£ 147000 \$ 14000	Метр	Mont	Colu	Nash 106	Murf 16	Wils	High	Chat	Knox	Gree 2	Eliz
Red-eyed Vireo Fhiladelphia Vireo	30	7	31	106	16	5	29	55 1	153		19
Warbling Vireo	3	7	3	25		3	44	**	**		1
Black-and-White Warbler	1	4	11	30	2	2	1	9	16		25
Prothonotary Warbler	31	13	23	46	.2	9	7.7	3	2	1	77
Swainson's Warbler Worm-eating Warbler	6	2	13	19	-8	2		1	13	13	6
Golden-winged Warbler	1		1	1			**	14	5		
Blue-winged Warbler	. 2	2	3	21		2	4	11	. 5		2
Tennessee Warbler	51	23	98	110	7	18	1	35	23	550	1
Orange-crowned Warbler	9	2		1		h	22	6*	10	-	
Nashville Warbler Northern Parula Warbler	31	3	6	12		3	221	6	10		16
Yellow Warbler	7	5	37	66		18	3	17	15	14	29
Magnolia Warbler		1	4	12	10	5	**	5	5	**	
Cape May Warbler		**		8		3		10	3	1	33
Black-thr. Blue Warbler Yellow-rumped Warbler	2	8	1	41	5	1 30	56	173	211	15	10 31
Black-thr. Green Warbler	3	5	5	50		2	~	6	40	20	26
Cerulean Warbler	6		17	13		2		8	24		2
Blackburnian Warbler	5	2.5	6	14		1	***	. 3	17		1
Yellow-throated Warbler	3	20	7	12	5	15	22	13	2	***	7
Chestnut-sided Warbler Bay-breasted Warbler	1		1 9	17 18	1	2		5	11		
Blackpoll Warbler	i	5	15	42	-5	2		3			1
Pine Warbler	-	1	. 1	14	4	-11		11	5	1	1
Prairie Warbler		9	21	39	18	53	2	9	33	5	5
Palm Warbler Ovenbird	1	14	6 15	16	1 2	10	8	36 2	50	**	32
Northern Waterthrush	1		1	14	1	1		1		75	1
Louisiana Waterthrush	6	2	10	16		2		14	3	1	В
Kentucky Warbler	36	2	51	51	3	10	14	17	12	3	+-
Connecticut Warbler Mourning Warbler				2.	**	**	::	1*	1*	11	
Common Yellowthroat	18	32	57	182	16	64	10	39	52	12	7
Yellow-breasted Chat	2	15	24	111	t _a	19	3	17	12	7	1
Hooded Warbler	10		5	15				8	17		16
Wilson's Warbler			2	1 5	-		15	17	1 2		- 22
Canada Warbler American Redstart	23	1	16	14		2		25	13	4	1
House Sparrow	25	30	67	181	294	186	90	81	108	43	160
Bobolink	2	14	28	110		3		255	1		- 3
Eastern Meadowlark Red-winged Blackbird	28 61	42 78	127 155	319 417	231	176	37 100+	90 150	259 416	80	348
Orchard Oriole	24	8	59	95	17	42	5	38	21	6	631 8
Northern Oriole	26	9	13	13	1	6	1	1	5		
Rusty Blackbird					1						**
Common Grackle Brown-headed Cowbird	56 63	82 50	165	776 237	740 67	468	50 10	412 60	455 78	:	961 168
Scarlet Tanager	5	3	13	54	1	2	1	15	30	1	6
Summer Tanager	33	5	17	71	12	24	8	15	9	4	2
Cardinal	70	88	61	366	131	160	40	116	278	98	159
Rose-breasted Grosbeak Black-headed Grosbeak	5	1	16	71	2	11	22	15 1*	32	2	2
Blue Grosbeak		2	3	30	2	6	1	9	1	1	2
Indigo Bunting	57	52	126	433	17	187		57	89	3	5
Painted Bunting	1				**						
Dickcissel Evening Grosbeak	9		3	5	- 55	1	1 2	81	- 1	31	113
Purple Finch				753	55	675	**	1	1414	19	60
House Finch	**				-		**		**		1
Pine Siskin	**						2	36	17		
American Goldfinch	.5	37	41	64	18 44	27	13	85	107	23	420
Rufous-sided Towhee Savannah Sparrow	25	35	1414	169		64	21	69 36	20	10	11
Grasshopper Sparrow	1			4		2		2	14		14
Henslow's Sparrow			-22			**	**	1.	**		
Vesper Sparrow		**			2	8	**	***			
Lark Sparrow Dark-eyed Junco				-		2	7.7	25	-	50	17
						-					-

	Метр	Mont	Colu	Nash	Murf	Wils	High	Chat	Knox	Gree	Eliz
Chipping Sparrow	3	12	20	45	13	33	20	344	64	g	59
Field Sparrow	1	5	42	186	42	33 47	32	28	128	28	1414
White-crowned Sparrow	3	24	14	13	20	10	32 17	3	6	9 28 25	6
White-throated Sparrow	3 36	24		29	48	51	30	92	303	142	68
Lincoln's Sparrow		-	**	4				1			+-
Swamp Sparrow	2		522	5		22	1	10	8		3
Song Sparrow	1	1	5	38	3	1	6	10 87	197	37	368
Species, Total Species, Grand Total	124	111	131	167	104	133	84	163	141	78	145
* See Information on Counts		= 1000									

McGee, Elsie McKnight, Ruth McMillan, Ruth Odum, Alberta Spence, Frances Vaughn.

The dowitcher was reported as dowitcher species.

WILSON COUNTY: 2, 3 May; clear; temp, 44° to 72° F; 15 observers. Earline Berry, Vernon Berry, Corinne Bain, Mary Agnes Crawford, Cecile Detlefsen, Fred Detlefsen, Robert Hosier, Mac McMillan, Ruth McMillan (compiler, Rt. 2, Box 141, Lascassas 37085), Carol Pope, Ray Pope, Jeff Reed, Frances Sellars, Bill Senter, Tressa Waters.

The dowitchers were reported as dowitcher species. No details on Vesper Sparrow.

HIGHLAND RIM: 25 April; clear; temp, 40° to 75° F; 9 observers. Ruth Luckadoo, Marjory Harper, Lillie Willar, Wanda Winnett, Evelyn Wilson, Anna Parker, Cholee Peebles, Kay Cleckley, Erma Rogers (compiler, Rt. 1, Hillsboro 37342).

CHATTANOOGA: 25, 26 April; temp, 40° to 83° F; 22 observers. Chuch Arlano, Benton Basham, Del Blum, Edith Bromley, Ken and Lil Dubke, Chris Haney, Daniel Jacobson (compiler, 1507 Hickory Valley Rd., Apt. H-62, Chattanooga 37421), Al Jenkins, Cynthia Koliadko, Dave Mathewson, Jeanne and Dick Menuet, John Parks, Janet Phillips, Keith Ratliff, Gene Ryther, Joe Stone, Randy Stringer, Carl Swafford, Jim Tucker, Mary Tunsburg.

Excellent details on all unusual observations. Alder Flycatcher, Black-headed Grosbeak, and Henslow's Sparrow were first area records.

KNOXVILLE: 26 April; partly cloudy; temp., 46° to 80° F; wind, 0-10 mph; 22 observers. Jim Campbell, Betty Reid Campbell, Howard Chitwood, Bob Ford, Louise Fuller, Paul Hartigan, J. C. Howell, Tony Koella, Beth Lacy, Ken McClain, Terry McGown, Chuck Nicholson, Holly Overton, J. B. Owen (compiler, 2930 North Hills Blvd., Knoxville 37917), Paul Pardue, Truitt Patterson, Polly Ryder, Boyd Sharp, J. T. Tanner, Nancy Tanner, Linda Turner, Ralph Zanglein.

Details submitted on unusual species.

GREENEVILLE: 26 April; clear; temp., 42° to 78° F; wind, 0-5 mph; 7 observers. King Gaut, Margaret Gaut, Richard Nevius, Willie Ruth Nevius, Doug Ratledge, Helen Spees (compiler, P. O. Box 356, Greeneville 37743), Royal Spees.

Large numbers of "blackbirds" left from winter roost.

ELIZABETHTON: 25 April; temp., 34° to 66° F. Glen Eller (compiler, Rt. 3, Grandview Terrace, Elizabethton 37643). Good details on Merlin. The dowitcher was reported as a Short-billed Dowitcher.

[Vol. 52, 1981]

ROUND TABLE NOTES

FIRST NESTING OF BANK SWALLOW IN SHELBY COUNTY, TENNESSEE—On 31 May 1981, Jeff Wilson and other members of the Memphis Chapter of the TOS observed a nesting colony of Bank Swallows (Riparia riparia) on the south bank of the Wolf River at its junction with the Mississippi River at Memphis, Shelby County, Tennessee. The Bank Swallows were first observed feeding over the Mississippi River. Continued observations resulted in seeing several swallows entering burrows. Eighty-four apparently completed burrows and 15 incomplete burrows were counted. The burrows were approximately 9 m above the water and within 4 m of the top of the 20 m long sand bank. Elsewhere in West Tennessee, Bank Swallows have been observed in Lake (Pitts, Migrant 43:48, 1972), Dyer, and Lauderdale Counties (Waldron, Migrant 49:91, 1978). All of these colonies have been along the Mississippi River.

Martha Waldron, 1626 Yorkshire Drive, Memphis, TN 38119. Accepted 9 Sept. 1981.

BLACK RAIL IN JEFFERSON COUNTY, TENNESSEE—In the midafternoon on 5 May 1980 I was walking through an overgrown dry hayfield on my farm when a sparrow-sized rail flushed up. It flew very weakly and fluttered with slow wingbeats down into a wooded depression. I followed the flight, noticing some light small white spots in the otherwise all black appearance. The size of the bird was much smaller than a Sora (Porzana carolina) and I concluded that I had seen a Black Rail (Laterallus jamaicensis). I was unable to observe the bird again.

The above observation raises the question whether this bird was a migrant or a local nester. Nearby in Greene County, Richard Nevius (Migrant 35(3):59-60, 1964), observed a single bird and later recorded the only Tennessee nesting of the species. Of further interest is the specimen secured by Mr. N. F. Stokely (Migrant, 6(3):49, 1935) from a wheat field near Del Rio in Cocke County. His bird was collected between 10 and 20 June 1915.

Close observation may reveal a small breeding population in this section of the state. This is apparently the fourth Tennessee record of a Black Rail.

Jon A. Koella, Rt. 2, White Pine, TN 37890. Accepted 31 Oct. 1981.

EUROPEAN WIGEON AT REELFOOT LAKE, TENNESSEE IN THE EARLY 1950's—The only Tennessee record of the European Wigeon (Anas penelope) given in The Migrant, to my knowledge, is that of Witt (Migrant 15:14, 1944). Another record published in The Migrant (38:53, 1963) is of a bird seen in Virginia. C. K. Rawls (1957, Reelfoot Lake Waterfowl Research, Tn. Game and Fish Commission Report) identified a European Wigeon killed by a hunter on Reelfoot Lake. The exact date of identification is not given but is listed as "killed during hunting seasons 1950-54." While Rawl's record could technically be considered to have been previously published, it occurs in a publication that, like many agency publications, is not widely distributed, at least among Tennessee ornithologists, and is difficult to locate. Consequently, I feel it is desirable to note such records in an indexed and abstracted journal.

T. David Pitts, Biology Dept., Univ. of Tn. at Martin, Martin TN 38238. Accepted 3 Dec. 1981. FIRST TENNESSEE FALL RECORD OF HUDSONIAN GODWIT—On 5 September 1981 at 1500 hours Joe Stone observed a large shorebird at the South Mouse Creek embayment of the Hiwassee River about 4 km NW of Charleston, Bradley County, Tennessee. He identified the shorebird as a godwit but was uncertain as to species because the bird did not fly.

At about 1630 hours the same day Joe, Chuck Arellano, and I returned to the area and immediately spotted the bird feeding in a wet mud and grass area 60 m away. We noted a long, slender, very slightly upturned bill, gray legs, and gray plumage with irregular light brown areas on the back, breast, and belly. The bird's right wing drooped slightly and a small white patch was noticed on the leading edge. When a Lesser Yellowlegs (*Tringa flavipes*) landed next to it, the bird jumped into the air as if startled and we noticed a white upper tail with a broad black terminal band. The rump area above the tail was blackish and the wings had a distinct white stripe. We then identified it as a transition-plumaged Hudsonian Godwit (*Limosa haemastica*). The bird fed actively in a "picking" fashion the remainder of our visit and occasionally came as close as 15 m.

Observations were made under clear skies, no wind, temperature about 85° F and with 7X35 binoculars and 15-60 power Swift spotting scope. Joe had previously seen the species in Tennessee and I am familiar with them from coastal North Carolina.

On 6 September, the bird was still present and was photographed by Joe Stone. Starr Klein, Dale Taylor, Cory Davidson, and Andy Oscinski also observed the bird. It was last seen by Ken and Lil Dubke on 7 September. This constitutes the fourth state record of a Hudsonian Godwit in Tennessee and the first fall record.

J. CHRISTOPHER HANEY, Department of Zoology, The University of Georgia, Athens, GA 30602. Accepted 3 Dec. 1981.

EDITOR'S MESSAGE

This is the second issue of *The Migrant* I have edited, and I feel that it is time for me to make a statement about my editorial policies. However, before I do this, I wish to express my gratitude, and the gratitude of the rest of the Tennessee Ornithological Society, to the retiring editor, Dr. Gary O. Wallace. Gary served as the sixth editor of *The Migrant* from 1971 to 1981. This length of service to the society has been exceeded by only one previous editor, Dr. Lee R. Herndon. I have had the opportunity to work with Gary on *The Migrant* during the past year. This has made the editorial transition smoother, and I am grateful for it.

The purpose of *The Migrant*, "A Quarterly Journal Devoted to Tennessee Birds," is to provide a permanent record of Tennessee birdlife. The majority of the society's expenditures are devoted to accomplishing this. The end product should be a high quality scientific journal, of interest to professional ornithologists as well as lay TOS members. I am taking several steps toward this goal. Readers who closely studied the June, 1981 issue probably noticed a few changes, and more are being considered for future issues.

Some of these changes are in *The Season* report. The regional listings of observers have been combined into one listing, which appears at the end of the regional reports. The compilers and I are attempting to standardize abbreviations of observer's names, to insure uniformity between regions and from issue to issue. Effective with the fall, 1981 *Season* report, dates of the reporting periods and the boundary between the Central Plateau and Basin and Eastern Ridge and Valley regions will be changed. The new reporting periods, which are the same as those used by *American Birds*, are as follows:

SPRING: 1 March - 31 May SUMMER: 1 June - 31 July

FALL: 1 August - 30 November WINTER: 1 December - 28 February

The compilers have a 30-day deadline for submitting reports. Please help them meet this by promptly sending in your observations. The redrawn boundary between the CP&B and ER&V regions follows the western edge of the Cumberland Plateau. This will place all of the plateau in the ER&V region, and not split this physiographic province between two regions as in the past.

To continue producing *The Migrant*, I need manuscripts. At present, I have few lead articles other than foray reports, and few Round Table Notes awaiting publication. For the immediate future, authors can expect to have notes published in one or two issues following their acceptance. Many TOS members have rare bird sightings, local annotated lists, and other topics worthy of publication. Please write these up and submit them! Examples of special projects which should be researched in the near future include the westward expansion of the Song Sparrow; population dynamics of Blue-winged and Golden-winged Warblers; wintering eagle population trends; and analyses of Breeding Bird Survey results. I realize writing skills vary widely among members, and many members fear their manuscripts may not pass muster. The editorial staff will help authors prepare manuscripts in a style suitable for publication. Also consult the suggestions for "Preparation of Copy for Publication" on the inside back cover.

I welcome comments on current editorial policies and suggestions for future changes.—Charles P. NICHOLSON.

THE SEASON



SPRING MIGRATION: 16 March - 15 May 1981

The warm weather at the end of the previous winter season continued into this period with above average temperatures in late March and early April. As a probable result, early arrivals of many passerines were reported from across the state. The remainder of the passerine migration was perhaps no better than average, as strong weather fronts failed to form and no large waves of birds were reported.

Most notable this season were reports of BLACK-NECKED STILTS, up to 4 birds, in 2 locations near Memphis in late March. These are the first Tennessee records of this species, and details will soon be published here.

Other notable observations were of Peregrine Falcons in mid-March at Look Rock, in the foothills of the Great Smokies, and in mid-May at Memphis. A Merlin was reported near Elizabethton in late April and a Common Gallinule was observed near Morristown in May. Baird's and Semipalmated Sandpipers were found in record numbers at Memphis, and a Surf Scoter lingered into May at Kingston Steam Plant.

House Finches were present through the end of the period in the 2 eastern regions. Although fledglings were reported last year, the first documented House Finch nests in Tennessee were reported this spring, at Jonesboro in March and at Kingsport in May.

WESTERN COASTAL PLAIN REGION—The arrival of Spring was early as West Tennessee experienced a mild winter. Precipitation was slightly above normal while the temperature in April was 7.7° F above normal.

Heron-Sandpiper: Yellow-crowned Night Heron: 11 nests completed, 3 under construction, 26 adults, McCorkle site (JS). Mississippi Kite: 9 May (3) RP (MTOS), 13 May (1) President's Island (2) ASP (CB, SF, SL, NS). PEREGRINE FALCON: 14 May (1) PF (CB). Sora Rail: 20 Apr thru 24 Apr (3) PF (CB), 26 Apr (1) PF (MW). BLACK-NECKED STILT: 21 Mar (2), 25 Mar (3) 3 mi SE of Millington (DP), 31 Mar (4) SE Shelby Co. (RP). The second location is about 32 km south of the first site. The following birds were observed 13 May at Allen Steam Plant, southwest Shelby Co. by (CB, SF, SL, NS): Semipalmated Plover (5); Spotted Sandpiper (4); Lesser Yellowlegs (3); BAIRD'S SANDPIPER (10) first for Shelby Co. and highest number observed in West Tennessee; Dunlin (5); Stilt Sandpiper (1); Semipalmated Sandpiper (1,000) largest number observed in West Tennessee.

Warbler-Sparrow: Swainson's Warbler: 4 May (1) west of Cozette (CB, BBC,

LCC), 12 May (1) FSP (BBC, LCC), 15 May (1) north of Moscow (BBC, LCC), (1) Shaw Creek, SW Fayette Cty (BBC, LCC). Cape May Warbler: 12 May (1) RP (BBC). Northern Waterthrush: individual singing each day 6 May thru 13 May, M (Coffey Grounds) (BBC, LCC). Mourning Warbler: 25 May (1) M (Coffey Grounds) (BBC, LCC). Evening Grosbeak: 12 Apr (10-12) M (LB). Pine Siskin: 15 Apr (200), 4 May (18), 15 May (10), 22 May (3) M (LB). White-crowned Sparrow: 11 May (1) M (MW).

Addenda to Winter 1980-1981 report: Canada Goose: 5 Feb (2000±) BF (2000±) RL (MLB, et al.). Black Duck: 5 Feb (50) BF, (10) Union City, (10) RL (MLB, et al.). Canvasback: 5 Feb (3000) BF (MLB, et al.). Ruddy Duck: 6 Feb (1200) RL (MLB, et al.). SANDHILL CRANE: 16 Jan - 22 Feb (1) 1 mi S of Union City (Steve Rannels). Western Meadowlark: 5 Feb (1 singing) BF (MLB, et al.).

Locations: BF—Britton Ford; Coffey Grounds—residence of Ben and Lula Coffey; Cozette—northeast Decatur Co.; M—Memphis; McCorkle site—City street in Memphis; PF—Penal Farm, northeast Shelby Co.; PI—President's Island, west Shelby Co.; RL—Reelfoot Lake; RP—Riverside Park, southwest Shelby Co.

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CENTRAL PLATEAU AND BASIN REGION—Above seasonal temperatures the last week of March and the first five days of April in Nashville were probably influential in some of the early arrivals, most notably the warblers. Five warbler species in Nashville were earliest ever and several others were close to their earliest date.

Bittern-Tern: American Bittern: 13 Apr (1), 28 Apr (3) Metro Center, Nash (DFV). Rough-legged Hawk: 26 Mar (1 dk ph) Metro Center (DFV), last for winter. Virginia Rail: 9 May (1) Metro Center (DFV, CDC, MLB). Sora: 13 Apr-18 May (1-3) Metro Center (DFV). Black-bellied Plover: 9 May (1) Gallatin (DFV), annual May in Gallatin since 1976. Forster's Tern: 27 Apr (14) Tenn 109 and LaGuardo, SUC (DTC, JPC); 3 May (1) Old Hickory L (MPS). Caspian Tern: 19 Apr (1) Gallatin (DTC, JPC, ADP, RDP).

Flycatcher-Vireo: Willow Flycatcher: 9 May (3 singing) Metro Center (MLB, CDC, DFV), regular breeding sight. Tree Swallow: 19 Mar (1) Radnor L, Nash (KWS), first for spring. Bewick's Wren: 29-30 Apr (2) Johntown, TRC and (1) Dixon Springs, SMC (CPN); Pair bred May home Crawfords, Gallatin (NTOS). Cedar Waxwing: Spring migration was small Nash, no large flocks observed (NTOS). White-eyed Vireo: 1 Apr (1) Nash (JCM).

Warbler-Sparrow: Black-and-White Warbler: 25 Mar (1) Nash (MLJ). Prothonotary Warbler: 1 Apr (1) Radnor L (MLB), early. Tennessee Warbler: 9 Apr (1) Nash (KAG), earliest Nash three days. Orange-crowned Warbler: 6 May (1) Shelby Bottoms, Nash (MPS), getting late. Nashville Warbler: 11 Apr (1) Shelby Bottoms (MPS), early. Magnolia Warbler: 15 Apr (1) Radnor L (MPS), early; Black-throated Blue Warbler: 11 Apr (1) Nash (MPS), earliest Nash ten days. Myrtle Warbler: There was not a spring build up at Radnor L as usual (NTOS). Black-throated Green Warbler: 25 Mar (3) Radnor L (JCM). Blackburnian Warbler: 12 Apr (1) Nash (DFV), four days earliest locally. Chestnut-sided Warbler: 2 Apr (1) Radnor L (ADP), earliest fourteen days Nash. Connecticut Warbler: 18 Apr (1) Nash (JCM), earliest Nash by one day. Dickcissel: 27 Mar (1)

Gallatin (DTC, JPC). Evening Grosbeak: 18 Apr (1) Nash (JCA, NTOS), last for winter. Purple Finch: 18 Apr (1) Nash (NTOS), last for winter. Grasshopper Sparrow: 30 Apr (2) Johntown, TRC (CPN). Lark Sparrow: 20 Apr (1) Gallatin (DTC, JPC), possibly only third SUC record.

Locations: SMC-Smith Co.; SUC-Sumner Co.; TRC-Trousdale Co.

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EASTERN RIDGE AND VALLEY REGION—It appears from the limited amount of detailed reports submitted there was less active field work this season. Observations to be of use for this population distribution report should include the following basic information: (1) date; (2) geographical location where the sightings were made; (3) number of birds recorded; (4) who made the sightings and (5) any other pertinent information that would be helpful with interpreting all of the above for the readers.

Some observations of interest for this season included a Common Gallinule near Morristown; a rarely heard singing Hermit Thrush at Knoxville; House Finch nests at Jonesboro and Kingsport, and 18 Red Crossbills at Norris Dam State Park during the TOS State Meeting.

Loon-Merganser: Common Loon: 17 Mar (5) CHL (KHD, LHD); 16 Apr (6) FLL (PSP); 10 May (1) BOL (HHD); 20 May (1) KSP (MWA). Horned Grebe: 17 Mar (6) CHL (KHD, LHD). Pied-billed Grebe: 17 Mar (3) HRA (KHD, LHD). Double-crested Cormorant: 17 Mar (2) HRA (KHD, LHD); present thru period in KNC, max 8 Apr (13) FLL (PSP); 21 Apr (1) MHL (WKJ). Great Egret: 20 Apr (3) COL (George McKinney); 21 Apr (1) MHL (WKJ); 25 Apr (1) AUS (RLK). Yellow-crowned Night Heron: 11 Apr (2 active nest sites) AMM area (KHD, LHD). Least Bittern: 1 found injured and brought to the Knoxville Zoo, 26 Apr (MWA). American Bittern: 30 Mar - 3 Apr (1) AUS (SG, RLK); 21 Apr (1) Coalfield, Morgan Co. (PDH); 2 May (1) COL (TOS). Snow Goose: 21 Apr (1) MHL (WKJ). Mallard: 17 Mar (120) SAB (KHD, LHD). Black Duck: 17 Mar (3) SAB (KHD, LHD). Blue-winged Teal: 17 Mar (17) SAB (KHD, LHD). American Wigeion: 17 Mar (90) SAB (KHD, LHD). Northern Shoveler: 9 Apr (10) SAB (KHD, LHD); 2 May (3) EBF (SJS, BHS). Redhead: 17 Mar (42) CHL (KHD, LHD); 17 Apr (2) KSP (SJS, BHS). Ring-necked Duck: 17 Mar (2) HRA (KHD, LHD). Greater Scaup: 17 Mar (180) CHL (KHD, LHD). Lesser Scaup: 2 during period JNC (LHTOS). Bufflehead: 17 Mar (8) CHL (KHD, LHD); 4 Apr (27) KSP (PDH); 2 May (1) KSP (SJS, BHS), SURF SCOTER: 2 May (1 male) KSP (SJS, BHS). Ruddy Duck: 17 Mar (10) CHL (KHD, LHD). Hooded Merganser: 17 Mar (1) CHL (KHD, LHD). Red-breasted Merganser: 17 Mar (5) HRA (KHD, LHD).

Hawk-Tern: Sharp-shinned Hawk: 12, 19 Apr (1) JNB (RLK); 6 May (1) KNC (BHS). Red-shouldered Hawk: 25 Apr (1) AUS (RLK). Bald Eagle: 4 Apr (1 ad) HRA (KHD, LHD). Osprey: 4 Apr (1) HRA (KHD, LHD). Sandhill Crane: 26 Mar (11) over downtown Chattanooga (RCS); 28 Mar (5) KNC (A. Boyd Sharp). King Rail: present ALM 21 Apr to end of period (SJS, BHS, et al.). Virginia Rail: 3 May (2) ALM (LNA, MWA); 1 dead on road, KNC (Jane Orleans). Sora: 10-25 Apr (1-3) AUS (RLK, GS); 2 May (1) U.T. Plant Science Farm (TOS); 8 May (1) Seymour, KNC (fide JBO); 9 May (1) ALM (SJS, BHS). COMMON GAL-LINULE: 3 May (1) Fish Hatchery, near Morristown (HS). Semipalmated Plover: 1-13 May (1-6) AUS (LHTOS). Common Snipe: 17 Mar (69)

SAB (KHD, LHD). Upland Sandpiper: 17-19 Apr (1) AMM area (JWS). Willet: 17 Apr (1) KSP (SBS). Greater Yellowlegs: 9 Apr (20) SAB (KHD, LHD); 17 Apr (10) EBF (SJS, BHS). Lesser Yellowlegs: 17 Mar (1) HRA (KHD, LHD); 5 Apr (30) Oak Ridge (BHS, ARH). Pectoral Sandpiper: 17 Mar (65) SAB (KHD, LHD); 2 May (1) EBF (SJS, BHS). White-rumped Sandpiper: 28 Apr - 13 May (1-4) AUS (LHTOS). Least Sandpiper: 17 Mar (5) SAB (KHD, LHD). Dunlin: 17 Mar (90) SAB (KHD, LHD); 2 May (1) EBF (SJS, BHS); 9 May (1) KSP (Bill & Allison McNutt). Dowitcher sp? 25 Apr (1) AUS (LHTOS). Stilt Sandpiper: 25 Apr - 1 May (1) AUS (LHTOS). Western Sandpiper: 12 May (1) St. John's Pond (MD, SG). Herring Gull: 17 Mar (6) CHL (KHD, LHD); 17 Apr (6) KSP (SJS, BHS). Ring-billed Gull: 16 Mar (8) on ground at Baileyton School, Greene Co. (W. Ruth Nevius); 17 Mar (30) CHL (KHD, LHD); 3 May (8) KSP (KHD, LHD). Bonaparte's Gull: 25 Apr (2) AUS (RLK). Caspian Tern: 3 May (5) KSP (KHD, LHD).

Owl-Wren: Barn Owl: 4 Apr (1) AMM (KHD, LHD); 1 regular near JNB (RLK). Great Horned Owl: 1 new nest site near JNB (RLK); 27 Mar (5, 2 ad, 3 y) KNC (PSP). Chimney Swift: 3 Apr (2) KNX (PDH)—a little earlier than normal at this location. Red-headed Woodpecker: 25 Apr (1) only report for the Knoxville area (PDH). Willow Flycatcher: 12 May (1) AUS (RLK). Olive-sided Flycatcher: 1 May (1) KNX (PDH). Tree Swallow: 17 Mar (6) SAB (Johnny T. Parks); 9 Apr (1) AUS (RLK). Bank Swallow: 25 Apr - 11 May (4-50) AUS (RLK). Cliff Swallow: 3-25 Apr (1-3) AUS (RLK). Blue Jay: 25 Apr (40) flying north along side Lookout Mt. over Reflection Riding (KHD). Red-breasted Nuthatch: 7 Apr (1) Harrison (Elena Killian); 19 Apr (1) SIP (KHD); abundant through early May in Knoxville area (KTOS). House Wren: arrived 14 Apr & nested GRE (HS); 14 Apr (first noted & breeding) north Knoxville (LNA, MWA). Long-billed Marsh Wren: 8 May (1) ALM (LNA, MWA). Hermit Thrush: 12-14 May (1 singing) KNX (Jim & Betty Mason).

Pipit-Sparrow: Water Pipit: 8 Apr (3) SAB (KHD, LHD); 3 May (4) JNB (RLK). Prothonotary Warbler: 18 Apr (1) Kingsport (GOW). Tennessee Warbler: 11 Apr (1) TRG (LHD). Orange-crowned Warbler: 11 Apr (1) TRG (RCS); 12 Apr (1) KNX (James M. Campbell); 15 May (1) JHC (SG). Nashville Warbler: 11 Apr (1) TRG (RCS). Connecticut Warbler: 2 May (1) KNX (LHD et al.). Bobolink: 25 Apr - 13 May (3-20) AUS (LHTOS). Evening Grosbeak: last reports 18 Apr (20) NOR (CPN); 25 Apr (1) SIP (KHD); 30 Apr (1) GRE (Eric Farr); 15 May (1) JHC (SG). Purple Finch: 27 Apr (1) JHC (HHD). HOUSE FINCH: First nests in Tennessee found at Jonesboro, 1 nest with 3 eggs on 31 Mar, later destroyed by cat (RLK et al.), and at Kingsport, 4 nests found 14-16 May (Rick Phillips). Details to be published. Elsewhere, present to end of period at KNX (ARH, Jim & Betty Mason). Pine Siskin: 6 Apr (1) JHC (KB); 16 Mar - 16 Apr (29 banded) Collegedale (Mrs. R. E. Lynn); 25 Apr (3) SIP (KHD). Red Crossbill: 3 May (18) Norris Dam State Park (CPN, PSP); 11 May (4) JHC (HHD). Savannah Sparrow: 9 May (1) KNX (PDH). Vesper Sparrow: 17 Apr (12) EBF (SJS, BHS). Bachman's Sparrow: 24 Mar (1) Newport (Jon A. "Tony" Koella); Chipping Sparrow: 5 Apr (3) GRE (HS). White-throated Sparrow: 14 May (1) NOR (CPN).

Locations: ALM—Alcoa Marsh; AMM—Amnicola Marsh; AUS—Austin Springs; BOL—Boone Lake; CHL—Chickamauga Lake; COL—Cove Lake; EBF—Eagle Bend Fish Hatchery; FLL—Fort Loudoun Lake; GRE—Greeneville; HRA—Hiwassee River Area; JNC—Johnson City; JNB—Jonesboro; KNC—

Knox County; KNX—Knoxville; KSP—Kingston Steam Plant; MHL—Melton Hill Lake; NOR—Norris; SAB—Savannah Bay; SIP—Signal Point; TRG—Tennessee River Gorge.

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EASTERN MOUNTAIN REGION—The weather for our area can be summarized as follows: the week of March 16 through 21 was winter's last fling with low temperatures and snowfall on the 19th and 20th. Warm weather began the last week in March and continued on through the end of the period. Rainfall was about normal during April, but was very low during the fist two weeks of May.

Spring migration was considered above average and was heaviest in mid-April with many species seen in above average numbers. A heavy spring hawk migration through the Smokies, along with sightings of Peregrine Falcon and Merlin was reported. Several good nesting reports included those of Red-cockaded Woodpecker, Swainson's Warbler, House Finch and possible low elevation nesting of the Raven. Where have all the Purple Martins gone?

All these observations are included in the following paragraphs, so you ought to really pay close attention to the information below. If your sightings were equally as interesting and are not listed, all you have to do to get them published is turn them in to your regional editor.

LOON-HAWK: Common Loon: 11 Apr (25) flying N over Look Rock in GSMNP (SJS, BHS, ARH); 11 Apr (2 in spring plumage) SHL (RL). Horned Grebe: 5 Apr (1 in spring plumage) WibL (GOW). Yellow-crowned Night Heron: 5 Apr (1 pair on same nest as previous years) E (GDE). Canada Goose: 17 Apr (4) SHL (RL); 10 May (2) SHV (CPN, GOW). Blue-winged Teal: first spring sighting on 18 Mar & last seen 15 May in SV (HLF). Ring-neck Duck: overall populations down during period, 1 seen thru end of period at Townsend (BHS, SJS). Bufflehead: last seen 25 Apr (2) WibL (RDL, GOW). Sharp-shinned Hawk: 31 Mar thru 22 Apr (8) seen migrating over Look Rock (BHS, SJS). Coopers Hawk: 11 Apr (1) Look Rock (BHS, SJS), 25 Apr (1) RM (GDE, HLF). Red-shouldered Hawk: 9 May (4 imm) Look Rock (BHS, SJS). Broad-winged Hawk: 11 Apr (2) E (GLS); 18 Apr (442) migrating over Look Rock (ARH, BHS, SJS). Osprey: first spring sighting 5 Apr (1) E (GDE). PEREGRINE FALCON: 15 Mar (2) Look Rock (BHS). MERLIN: 25 Apr (1) RC (JLM, LH).

RAIL-SAPSUCKER: Sora Rail: 25 Apr (1) CF (RDL, GOW). Common Snipe: last seen 28 Apr (3) E (GDE, HLF). Spotted & Solitary Sandpiper: both species first spring sightings on 9 Apr in E (GDE, HLF). Pectoral Sandpiper: first seen 28 Mar (2) SV (GOW). Bonaparte's Gull: 5 & 6 Apr (7-12) WatL (GDE, GOW), 25 Apr (3) RC (JLM, LH). COMMON TERN: 25 Apr (15) RC (JLM, LH). Black-billed Cuckoo: first spring sighting 29 Apr (1) E (GDE); more birds seen than in many previous years. Screech Owl: overall populations back to normal. Great Horned Owl: 2 active nests this season, 1 at SHL (RL), 1 near WibL (RLK). SAW-WHET-OWL: 16 May (3 calling) Clingman's Dome Road (Jim & Betty Ried Campbell). Yellow-bellied Sapsucker: last seen 14 Apr (1) E (HLF).

WOODPECKER-VIREO: Hairy Woodpecker: sightings are below normal? RED-COCKADED WOODPECKER: 12 May (1 pair feeding young in nest) Skunk Ridge, GSMNP (Mike Homoya). Willow Flycatcher: first seen 15 May (1) CF (RLK). Least Flycatcher: first seen 13 May (1) RM (RLK). Barn Swallow: first seen 25 Mar (3) SV (HLF). Purple Martin: first seen 25 Mar (late) E (GDE); overall populations alarmingly down. Common Raven: possible low elevation nesting near Look Rock (BHS, SJS). Red-breasted Nuthatch: scattered reports from low elevations only during period. Long-billed Marsh Wren: 25 Apr (1) SV (GOW, RDL). Veery: first seen 13 May (1) RM (RLK). Cedar Waxwing: very abundant after mid-April. Warbling Vireo: first seen 25 Apr (2) SV (GOW, RDL).

WARBLER-SPARROW: Prothonotary Warbler: 29 Apr (1) WatR (RDL). SWAINSONS WARBLER: 8 May (1) RCP (GLS); 9 May (1) WibL (CPN, GOW); 10 May (SEVEN SEEN) Beaverdam Cr., NE of SHV (CPN, GOW). Goldenwinged Warbler: first seen 30 Apr (2) SHL (RL). Blue-winged Warbler: first seen 17 Apr (1) E (GOW), good numbers thru end of period. ORANGE-CROWNED WARBLER: 12 Apr (3) SV (GOW). Cerulean Warbler: first seen 25 Apr (1) RC (JLM, LH). Blackpoll Warbler: first seen 25 Apr (1) E (HLF). Pine Warbler: first seen 28 Mar (2) SHL (RL). Canada Warbler: first seen 10 May (1) RM (RLK). Northern Oriole: first seen 26 Apr (1) SHL (RL). Rose-breasted Grosbeak: first seen 25 Apr (3) HM (RDL, GOW). Blue Grosbeak: first seen 25 Apr (1) E (GDE). Evening Grosbeak: last seen 15 May (2) E (GDE). Purple Finch: last seen 27 Apr (1) E (HLF). HOUSE FINCH: 3 to 7 birds thru end of period at SHL (RL), possibly nesting. Grasshopper Sparrow: first seen 25 Apr (2) SV (RDL, GOW). White-crowned Sparrow: last seen 28 Apr (3) E (HLF). White-throated Sparrow: last seen 12 May (1) E (GDE). Fox Sparrow: last seen 29 Mar (1) E (HLF).

Locations: CF—County Farm near Eliz.; E—Elizabethton area; GSMNP—Great Smoky Mtns. National Park; HM—Holston Mtn.; RC—Roans Creek; RCP—Rock Creek Park near Erwin; RM—Roan Mtn.; SHL—South Holston Lake area; SHV—Shady Valley; SV—Siam Valley near Eliz.; WatL—Watauga Lake; WatR—Watauga River; WibL—Wilbur Lake.

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Some suggestions to authors for the preparation of papers for publication are given herewith.

MATERIAL: The subject matter should relate to some phase of Tennessee Ornithology. It should be original, factual, concise, scientifically accurate, and not submitted for publication elsewhere.

TITLE: The title should be concise, specific, and descriptive.

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NOMENCLATURE: Common names should be capitalized followed by binomial scientific names in italics only after the first occurrence in the text for both regular articles and ROUND TABLE NOTES, and should conform to the A.O.U. Check-list 5th edition, 1957 and its Thirty-second Supplement. Trinomial should be used only after the specimen has been measured or compared with typical specimens.

BIBLIOGRAPHY: When there are more than five references in an article, they should be placed at the end of the article, otherwise they should be appropriately included in the text.

SUMMARY: Articles of five or more pages in length should be summarized briefly, drawing attention to the main conclusions resulting from the work performed.

IDENTIFICATION: Rare or unusual species identification to be acceptable must be accompanied by verifying evidence. This should include: date, time, light and weather conditions, exact location, habitat, optical equipment, distance, behavior of bird, comparison with other similar species, characteristic markings, experience of observer, other observers verifying observation and reference works consulted.

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