

THE MIGRANT

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THE 1973 FORAY: BENTON COUNTY

FRED J. ALSOP, III: FORAY DIRECTOR

Thirty-one hard-core birders from across the State assembled at Nathan Bedford Forrest State Park near Camden for the third annual T.O.S. Foray. Benton County was the study area for this year's foray. As in previous years, daily birding trips were to be made through all parts of the county with records being made of all individual birds detected during the counting period, 25-28 May. Compilations were made at the end of each day with emphasis on daily field lists, roadside count censuses, and the location of nests. The Yellow and Prairie Warblers were chosen the Foray birds.

Don and Gina Manning were the assistant directors of the foray and saw to the countless tasks of providing materials, laying out roadside routes, arranging publicity, obtaining permission of land-owners, etc., prior to the arrival of the birders. They had everything well in hand but the weather. Skies were clear to partly cloudy on Friday and Saturday with temperatures ranging from the mid-60's to the low 80's, but Sunday brought rain, and by noon it was so heavy most birders were indoors. By sunset Sunday most were homeward bound, making this the briefest foray of the three.

Benton County is located along the west bank of the Tennessee River (Kentucky Lake) in West Tennessee. The river forms its northern and eastern boundaries, Decatur County its southern, and Carroll and Henry Counties its western border. The County is a low-lying area of approximately 350 square miles with most elevations ranging between 300-500 feet. It is a sparsely populated region with an estimated population of 15,000. The land is about equally divided agriculturally between cultivated lands, pasture lands, and small woodlots of mixed hardwoods and pines.

There are several large tracts that are productive for the birder including Nathan Bedford Forrest State Park and Natchez Trace State Park and Forest. The Duck River and Big Sandy units of the Tennessee National Wildlife Refuge have already produced many interesting records of rarely recorded species in the State. The birding is especially good during spring and fall migrations and in the winter months for shorebirds, waterfowl, and raptors. The many miles of shoreline along Kentucky Lake with willows, marshes, exposed mudflats when the lake level drops, as well as the surface of the water itself, promise a potential for producing many important records, especially during the migratory and breeding seasons.

THE 1973 FORAY SPECIES LIST

The following annotated species list was edited and compiled from all the reports received from the Foray participants. The following points should be noted with regard to the species listed, and to their numbers: 1) most of the birds are permanent and/or summer residents and, therefore, may be breeding in Benton County; *but* several are late transients, etc., and 2) the numbers following the species name indicate the total number of observations made of that species and *should not* be considered the number of individuals of that species present. For example, the 91 Killdeer reported means this species was recorded on 91 different occasions, but not that 91 different Killdeer were known to be present in the County during the Foray. There is wide, and sometimes overlapping, coverage of the area by the participants during the counting period. Where only one bird represents its species on the list, and/or where several individuals of one species were reported by only one party, the name(s) of the observer(s) appears in the list. Species reported, but not accepted by the directors, do not appear in the list which follows. Scientific names have been omitted to save print space.

Great Blue Heron—8; Green Heron—42; Little Blue Heron—4; Cattle Egret—1, John Conder; Black-crowned Night Heron—2, Henry and Helen Dinkelspiel; Yellow-crowned Night Heron—1, Fred Alsop; Least Bittern—1, Fred Alsop, Don and Gina Manning; Mallard—35, domestic or wild?; Blue-winged Teal—10; Wood Duck—85; Scaup (species?)—1, transient, Dinkelspiels; Hooded Merganser—1, transient?, C. P. Nicholson and Morris Williams; Turkey Vulture—60; Black Vulture—7; Sharp-shinned Hawk—1, John Elson; Red-tailed Hawk—13; Red-shouldered Hawk—7; Broad-winged Hawk—15; American Kestrel—2; Bobwhite—388; Turkey—7; American Coot—1, Fred Alsop, Don and Gina Manning; Semipalmated Plover—2, transient; Killdeer—91; American Woodcock—1, Ken and Lil Dubke; Spotted Sandpiper—5, transient; Solitary Sandpiper—2, transient; Pectoral Sandpiper—5, transient; White-rumped Sandpiper—20, transient; Least Sandpiper—4, transient; Semipalmated Sandpiper—45, transient; Ring-billed Gull—1, transient, Fred Alsop, Don and Gina Manning; Tern (*Sterna* sp.)—7, transient, Fred Alsop, Don and Gina Manning; Least Tern—1, transient?, Fred Alsop, Don and Gina Manning; Rock Dove—9; Mourning Dove—532; Yellow-billed Cuckoo—33; Black-billed Cuckoo—3; Screech Owl—3; Barred Owl—8; Chuck-will's-widow—21; Whip-poor-will—19; Common Nighthawk—19; Chimney Swift—289; Ruby-throated Hummingbird—16; Belted Kingfisher—6; Common Flicker—51, this number when compared with that of the following species perhaps indicates some voice misidentifications between the two; Pileated Woodpecker—39; Red-bellied Woodpecker—163; Red-headed Woodpecker—1, C. P. Nicholson and Morris Williams; Hairy Woodpecker—9; Downy Woodpecker—70; Eastern Kingbird—161; Great Crested Flycatcher—139; Eastern Phoebe—47; Acadian Flycatcher—77; Willow Flycatcher—6, is the species continuing to extend its breeding range into West Tennessee?; Eastern Wood Pewee—120; Horned Lark—12; Tree Swallow—3, transients?; Bank Swallow—8, transients?; Rough-winged Swallow—13; Barn Swallow—336; Cliff Swallow—834; Purple Martin—172; Blue Jay—372; Common Crow—141; Carolina Chickadee—121; Tufted Titmouse—275; White-breasted Nuthatch—6; Bewick's Wren—5; Carolina Wren—104; Northern Mockingbird—327; Gray Catbird—50; Brown

Thrasher—121; American Robin—160; Wood Thrush—172; Swainson's Thrush—2, transient; Eastern Bluebird—150; Blue-gray Gnatcatcher—88; Cedar Waxwing—10; Loggerhead Shrike—40; Starling—135; White-eyed Vireo—228; Yellow-throated Vireo—51; Red-eyed Vireo—96; Warbling Vireo—3; Black-and-white Warbler—15; Prothonotary Warbler—67; Swainson's Warbler—1, Gary O. Wallace; Worm-eating Warbler—9; Blue-winged Warbler—16; Tennessee Warbler—1, transient, Ben and Lula Coffey; Parula Warbler—5; Yellow Warbler—8; Black-throated Green Warbler—1, transient?, C. P. Nicholson and Morris Williams; Cerulean Warbler—8; Yellow-throated Warbler—16; Bay-breasted Warbler—3, transient; Blackpoll Warbler—6; Pine Warbler—47; Prairie Warbler—129; Ovenbird—7; Louisiana Waterthrush—28; Kentucky Warbler—73; Connecticut Warbler—1, transient, C. P. Nicholson and Morris Williams; Mourning Warbler—1, transient, Ben and Lula Coffey; Common Yellowthroat—190; Yellow-breasted Chat—167; Hooded Warbler—6; Wilson's Warbler—1, transient, Fred Alsop, Don and Gina Manning; Canada Warbler—1, transient, Fred Alsop, Don and Gina Manning; American Redstart—4; House Sparrow—139; Eastern Meadowlark—374; Red-winged Blackbird—969; Orchard Oriole—210; Common Grackle—1,169; Brown-headed Cowbird—343; Scarlet Tanager—31; Summer Tanager—166; Cardinal—599; Blue Grosbeak—20; Indigo Bunting—444; Dickcissel—11; American Goldfinch—119; Rufous-sided Towhee—263; Grasshopper Sparrow—7; Bachman's Sparrow—1, George Mayfield and Tony Koella; Chipping Sparrow—44; Field Sparrow—150; White-crowned Sparrow—1, transient, C. P. Nicholson and Morris Williams; Song Sparrow—3, this is the western-most known record in the State for this species during the breeding season—many birders saw these birds near Eva along the lake shore.

The 134 species of birds reported are represented by 13,644 individual observations. The twenty most commonly contacted species were, in descending order of abundance: Common Grackle (1,169), Red-winged Blackbird (969), Cliff Swallow (834), Cardinal (599), Mourning Dove (532), Indigo Bunting (444), Bobwhite (388), Eastern Meadowlark (374), Blue Jay (372), Brown-headed Cowbird (343), Barn Swallow (336), Northern Mockingbird (327), Chimney Swift (289), Tufted Titmouse (275), Rufous-sided Towhee (263), White-eyed Vireo (228), Orchard Oriole (210), Common Yellowthroat (190), Wood Thrush (172), and Summer Tanager (166).

The preceding list raises several questions that West Tennessee birders have the opportunity to seek answers to as they bird Benton and the surrounding counties.

Has the presence of the Willow Flycatcher in the nesting season been overlooked because the species arrives in mid-May after many T.O.S.'ers have slowed their birding activities, or is it newly arrived and just extending its breeding range into this area of the State? The six observations of this species coupled with the excellent habitat especially that along the lake shore similar to that used by the bird in East and Middle Tennessee makes it reasonable to expect confirmed nesting records should be forthcoming from west of the Tennessee River soon.

The small number of Warbling Vireos reported (3) compared to the abundance of Orchard Orioles (210) may suggest the song of the oriole, which may be more familiar to most Tennessee birders, is being confused with that of the

vireo's which is similar. Further work should give us a better concept of the relative status of these two species.

The Bachman's Sparrow record by Mayfield and Koella indicates a possible new location for this most uncommon nesting species. Several other parties went to the location, but though the habitat looked "right" for the species, were unable to locate the singing bird. Because of its increasing rarity in the State, some efforts should be made to determine how many individuals are present in the county.

The locating of Song Sparrows on the west bank of the Tennessee River is exciting news. The previous western-most breeding record of this bird is from the Nashville area. The birds were seen by many in proper nesting habitat along the river bank in a small boat access area near Eva.

A close reading of the species list and the numbers of individual observations will show this Foray raised additional questions and challenges for the serious birder working the avifauna of this area.

THE BREEDING BIRD SURVEY

Censuses over areas of known size were conducted to learn something of the density of the breeding bird population in Benton County. Roadside counts were used to obtain this information. Four routes had been established for the Foray and each was run only once, on Saturday, 26 May. Poor weather prohibited planned runs on Sunday. Each count began at 5:10 a.m. (CDST) and was run over a preselected 24.5 mile route with the observer stopping each 0.5 mile and recording all birds detected for three minutes for each of 50 such stops. These routes were censused by the following birders: #1) Ken and Lil Dubke, #2) Henry and Helen Dinkelspiel with Ernie Restivo observing, #3) George Mayfield and Tony Koella, and #4) Lloyd and Helen Clayton.

Species totals for each of the four censuses appear in Table 1. The Bay-breasted Warbler and the Blackpolls are late transients. Eighty-seven species represented by 2,378 individuals were recorded. The ten most common birds on the Benton County roadsides in decreasing order of abundance as shown by the four counts are: Common Grackle (182), Red-winged Blackbird (138), Mourning Dove (129), Blue Jay (127), Bobwhite (115), Cardinal (95), Indigo Bunting (91), Eastern Meadowlark (90), Tufted Titmouse (78), and Barn Swallow (78).

BREEDING BIRDS RECORDS THROUGH NEST LOCATION

As in other forays, this year's participants were alert in their daily birding activities in watching for and recording as many nests as possible. Nests are not easily found even when one decides to look for them, but during this shortened foray 378 nests of 17 species were located (351 of which belonged to a single colonial nesting species, the Cliff Swallow, and were clustered in three locations—140 under the bridge over Birdsong Creek and 210 under the U.S. 70 bridge over the Tennessee River). Cornell University nesting card program cards were completed for each observation. A summation of the breeding records thus gained are presented as follows:

NESTS FOUND DURING THE 1973 FORAY. E = eggs, Y = young.
Wood Duck: 7Y; 7Y; 5Y; 5Y; 4Y. Broad-winged Hawk: 1E—1Y. Bobwhite:

TABLE 1
RESULTS FROM FOUR DIFFERENT ROADSIDE COUNTS

Route	#1	#2	#3	#4	Total	Route	#1	#2	#3	#4	Total
SPECIES	NUMBER/50 STOPS					SPECIES	NUMBER/50 STOPS				
Green Heron	1	0	1	3	5	Gray Catbird	3	2	0	2	7
Black-cr.Nt. Heron	0	2	0	0	2	Brown Thrasher	2	3	2	8	15
Wood Duck	3	0	3	3	9	American Robin	3	24	13	3	43
Turkey Vulture	0	1	8	3	12	Wood Thrush	14	5	13	10	42
Black Vulture	0	0	1	0	1	Eastern Bluebird	7	6	4	3	20
Red-tailed Hawk	0	1	1	1	3	B-g. Gnatcatcher	3	0	10	0	13
Red-shld. Hawk	0	0	2	0	2	Cedar Waxwing	0	1	0	1	2
Broad-wg. Hawk	1	0	1	0	2	Loggerhd. Shrike	0	3	1	0	4
Bobwhite	21	23	52	19	115	Starling	11	15	11	0	37
Killdeer	0	4	7	1	12	Wt-eyed Vireo	17	12	19	14	62
Rock Dove	0	0	2	0	2	Yel-thd. Vireo	2	2	2	0	6
Mourning Dove	22	52	50	5	129	Red-eyed Vireo	3	4	1	4	12
Yellow-b. Cuckoo	0	2	3	2	9	Bl-&wt. Warbler	0	0	2	0	2
Black-b. Cuckoo	1	0	0	0	1	Prothon. Warbler	0	0	2	1	3
Barred Owl	0	0	0	2	2	Worm-eat. Warbler	2	0	0	0	2
Chuck-w-widow	0	1	0	0	1	Parulla Warbler	1	0	0	0	1
Whip-p-will	5	0	1	0	6	Yellow Warbler	0	0	1	0	1
Chimney Swift	5	35	11	9	60	Cerulean Warbler	1	0	0	0	1
R-t Hummingbird	1	0	1	0	2	Bay-breast. Warb.	0	1	0	0	1
Belt. Kingfisher	0	0	1	0	1	Blackpoll Warbler	0	0	2	0	2
Common Flicker	3	3	2	1	9	Pine Warbler	11	0	3	0	14
Fileated Wpkr.	1	2	2	7	12	Prairie Warbler	9	4	12	8	33
Red-bel. Wpkr.	15	15	16	4	50	Ovenbird	1	0	0	0	1
Hairy Woodpecker	0	0	2	0	2	La. Waterthrush	4	0	1	0	5
Downy Woodpecker	1	7	6	2	16	Kentucky Warbler	3	1	7	3	14
E. Kingbird	4	9	8	3	24	C. Yellowthroat	14	9	19	5	47
Gr. Crest. Flycat.	2	18	11	8	39	Yel-bred. Chat	13	8	13	16	50
E. Phoebe	4	4	4	0	12	Hooded Warbler	1	0	0	0	1
Acadian Flycat.	6	0	0	2	8	House Sparrow	1	7	22	0	30
Willow Flycatcher	2	0	0	0	2	E. Meadowlark	11	39	37	3	90
E. Wood Pewee	6	7	13	3	29	R-w. Blackbird	13	57	57	11	138
Horned Lark	0	0	4	0	4	Orchard Oriole	11	14	0	4	29
Rough-w. Swallow	0	0	2	0	2	Common Grackle	7	88	76	11	182
Barn Swallow	9	27	37	5	78	Br-hd. Cowbird	7	7	14	1	29
Purple Martin	2	19	20	0	41	Scarlet Tanager	3	1	3	1	8
Blue Jay	26	54	33	14	127	Summer Tanager	12	5	5	10	32
Common Crow	5	28	17	5	55	Cardinal	24	26	31	14	95
Carolina Chickadee	5	3	10	2	20	Blue Grosbeak	0	1	4	0	5
Tufted Titmouse	25	15	20	18	78	Indigo Bunting	17	21	37	16	91
Wt.-br. Nuthatch	0	1	0	0	1	Amer. Goldfinch	2	3	11	2	18
Bewick's Wren	0	0	1	0	1	Ruf-sd. Towhee	17	17	28	8	70
Carolina Wren	4	8	5	6	23	Bachman's Sparrow	0	0	1	0	1
N. Mockingbird	5	23	13	7	48	Chipping Sparrow	2	6	5	0	13
						Field Sparrow	13	7	21	7	48

1E. Yellow-billed Cuckoo: nest contents unknown. Downy Woodpecker: nest contents unknown. Eastern Kingbird: adult incubating. Eastern Phoebe: 5E; nest complete—contents unknown; adult incubating; 3Y. Acadian Flycatcher: nest half-completed; nest almost complete—3 nests at this stage; 2E. Cliff Swallow: nest contents unknown. Prairie Warbler: 3Y—approximately 10 days old being fed by adult. Red-winged Blackbird: 1E—3Y.

THE FORAY BIRD PROJECT

Two species, the Yellow Warbler and the Prairie Warbler were selected as the Foray birds with the intent of recording as much information on their status in Benton County as possible. Because of the inclement weather on Sunday the

only information obtained was the number of observations of each species (Yellow Warbler—8 and Prairie Warbler—129) made the first days of the project. From this small bit of data it is somewhat surprising that the Yellow Warbler is so uncommon. There appears to be much suitable habitat at present for this species—to the eye, very similar to what it is using in surrounding regions of Tennessee—but few birds were detected.

PARTICIPANTS

The following birders were registered for the foray: Fred J. Alsop, III, Helen Clayton, Floyd Clayton, Ben Coffey, Lula Coffey, John R. Conder, Helen Dinkelspiel, Henry Dinkelspiel, Ken Dubke, Lil Dubke, Elizabeth Elson, John Elson, David Hassler, Robbie Hassler, Tony Koella, Don Manning, Gina Manning, George R. Mayfield, Mark Mayfield, Rad Mayfield, Chuck Nicholson, Arlo Smith, Noreen Smith, Jim Tanner, Nancy Tanner, Jim Waldron, Martha Waldron, Brenda Wallace, Gary O. Wallace, Morris D. Williams.

ACKNOWLEDGMENTS

Gratitude is expressed to Don and Gina Manning who, as assistant foray directors, saw to the countless items, large and small, that meant so much in assuring a successful Foray. My thanks, too, to the many excellent birders from across Tennessee for once again working as hard at a favorite avocation to assemble the preceding ornithological information on another county of our State not frequently visited by birders. The Foray *is* birding at its best and *you* should be a part of the next one. Good birding.

Department of Biology, Kingsport University Center, University Avenue, Kingsport, Tennessee 37660.

THE SIXTY-SECOND ANNUAL SPRING TOS MEETING

REELFOOT LAKE

6, 7, 8 MAY 1977

Headquarters will be at Ellington Hall. Rooms at the state-owned Air Park Inn and the Spillway Motel will be held for TOS members until 26 March. Additional information will be furnished later by the host chapter, Memphis. If further information is needed, contact Dr. Julian Darlington, 3112 Glenfinnan Road, Memphis, Tennessee 38128.

CHANGES IN THE NAMES OF SOME TENNESSEE BIRDS DUE TO RECENT TAXONOMIC DECISIONS

The Thirty-Third Supplement to the *American Ornithologists' Union Checklist of North American Birds* (1976, *Auk* 93:875-879) covers several changes in the names of North American birds. In this paper, I have extracted and condensed the material in the Supplement that relates to birds that have been reported from Tennessee. The purpose of this paper is to assist both contributors to *The Migrant* and readers who may be puzzled by the appearance of new names in *The Migrant*. Most of the changes involve the scientific or Latin names; only a few English names are changed.

I have included only those changes that occur at the species level; since we rarely deal with the subspecies in *The Migrant*. Readers who are interested in more details, including the changes that relate to other North American birds, or the reasons behind the changes, are referred to the paper cited above, which also cites the works of the many taxonomists whose opinions are reflected in the Supplement.

LIST OF CHANGES

The Latin name of the Green Heron is changed from *Butorides virescens* to *Butorides striatus*. The English name remains the same.

The Black Brant which was formerly considered a full species, *Branta nigricans*, is now considered a subspecies of the Brant. The Latin name for the species is *Branta bernicla*, and the English name is Brant.

The English name for the Tree Ducks is changed to Whistling-Duck. For example, the Fulvous Tree Duck becomes the Fulvous Whistling-Duck. There is no change in the Latin names.

The Latin name of the Mississippi Kite is changed from the former incorrect spelling, *Ictinia mississippiensis*, to the correct spelling, *Ictinia mississippiensis*. The English name remains the same.

The Latin name of the Caspian Tern is changed from *Hydroprogne caspia* to *Sterna caspia*. The English name remains the same.

The Latin name of the Red-bellied Woodpecker is changed from *Centurus carolinus* to *Melanerpes carolinus*. There is no change in the English name.

The Latin name of the Hairy Woodpecker is changed from *Dendrocopos villosus* to *Picoides villosus*. The Latin name of the Downy Woodpecker is changed from *Dendrocopos pubescens* to *Picoides pubescens*. The Latin name of the Red-cockaded Woodpecker is changed from *Dendrocopos borealis* to *Picoides borealis*. The English names of these woodpeckers remain the same.

The Latin name of the Long-billed Marsh Wren is changed from *Telmato-dytes palustris* to *Cistothorus palustris*. The English name remains the same.

The Latin name of the Common Redpoll is changed from *Acanthis flammæa*. The Latin name of the Pine Siskin is changed from *Spinus pinus* to *Carduelis pinus*. The Latin name of the American Goldfinch is changed from *Spinus tristis* to *Carduelis tristis*. The English names of these finches remain the same.

Contributors to *The Migrant* should adopt these changes in nomenclature along with those covered in the Thirty-Second Supplement (1973, *Auk* 90: 411-419 and 887) which Alsop (1973, *The Migrant*, 44:29-33) has summarized. These two Supplements update the nomenclature of the last edition of the A.O.U. *Checklist of North American Birds* (1957, 5th Edition), which is the nomenclature found in modern field guides.

In summary, the currently accepted nomenclature for Tennessee birds is not available in any single source, but must be drawn from several sources. The sources most readily available to most readers are: (1) a recent field guide such as, *Birds of North America*, Robbins, et al, New York, Golden Press; (2) Alsop's 1973 paper (note that in Table II, p. 30 of Alsop's paper the genus of the Henslow's Sparrow should be *Ammodramus*, not *Calcarius*)*; and (3) this article.

MORRIS D. WILLIAMS, Tennessee Heritage Program, Department of Conservation, Suite 601, 1720 West End Building, Nashville 37203.

**Editor's Note*: Correction made in *The Migrant*, 44:76, 1973.

BOOK REVIEWS

A.B.A. CHECKLIST: BIRDS OF CONTINENTAL UNITED STATES AND CANADA. 1975. Checklist Committee of the American Birding Association. 64p. \$3.50. Available from A.B.A., P. O. Box 4335, Austin, Texas 78765. A committee chaired by Chandler S. Robbins prepared this complete up-to-date checklist of the bird species that have been recorded in the 49 Continental United States and Canada. There are 794 species listed. Given for each species are the common and scientific names, a symbol to denote present status, a bracket for your personal check mark and a blank space to enter the date and location of your first observation. Species recorded fewer than ten times during the 20th century are listed separately. For N. A. bird listers, this little book provides a convenient way of keeping up with your bird list.

GARY O. WALLACE

OWLS OF THE WORLD/THEIR EVOLUTION, STRUCTURE AND ECOLOGY. 1976. Edited by John A. Burton. Illustrated by John Rignall. A & W Visual Library, New York. 216 p. \$9.95. This book covers anatomy, external features, evolution, distribution, habits, conservation and human relationships for most species of owls. Fourteen ornithologists from Europe provide the factual information in a clear, non-technical language. The book is well illustrated by John Rignall with range maps, 99 full color photographs, and 80 detailed paintings of the rarer species whose nocturnal habits and remote locations have made them difficult to photograph. A species list and a table of owl vocalizations are appended. It is one of the better reference books on owls.

GARY O. WALLACE

THE 1976 SPRING FIELD DAYS

MORRIS D. WILLIAMS

This year's total of 215 species is just one species short of last year's all time high count. If we could have included counts from Reelfoot, Lebanon, and Great Smoky Mountains, we could easily have surpassed the previous record.

Counts from 14 areas are tabulated according to geographic position from west to east across the state. Two counts are listed from Columbia. I would like to suggest that chapters with such enthusiasm as Columbia conduct their second count in an adjoining area that is not as well known.

INFORMATION ON THE COUNTS

MEMPHIS: 25 April. Shelby Forest to Coro Lake and Penal Farm. Cloudy; wind 15-25 mph. Memphis Chapter T.O.S., Ben B. Coffey, Jr., Compiler, 672 N. Belvedere, Memphis 38107.

NATCHEZ TRACE STATE PARK AND FOREST: 8 and 9 May. Memphis Chapter T.O.S., Ben B. Coffey, Jr., Compiler, 672 N. Belvedere, Memphis 38107.

LAWRENCE COUNTY: 8 and 9 May. Helen and Lloyd Clayton in the Deerfield vicinity; David Ihrie, Mark Reeves, Damien Simbeck, and Don Simbeck around Loretto; and Morris Williams at Five Points.

COLUMBIA: 1st Count, 24 April. (All day; rain in a.m. then clearing; 60-70°). Four parties with 15 observers; Kenneth Anderson, Dot and Ed Byassee, Mary and William Fuqua, Dan and Gaither Gray, Marsha and Olin Hotchkiss, Anne and Bedford Lockridge, George and Mark Mayfield, Allen and Diane Presnell; and two yard and feeder watchers—Jack Hughes and Cleo Mayfield.

This count appears in the left column under the heading "Colu," and the following counts appears in the right column.

2nd Count, 7-8 May, 1 p.m. - 1 p.m. clear; 40-68°. Three parties with 9 observers; Rachel Garrett, Mary and Tom Guschke, Louise Hardison, Anne and Bedford Lockridge, George Mayfield (compiler of both counts, Maury County Hospital, Columbia 38401), Delton and Paul Porter; and four yard and feeder watchers—Barbara Finney, Dan Gray, Jack Hughes, and Diane Presnell.

Red-throated Loons seen by Mayfield and Porters.

NASHVILLE: 8 and 9 May, 2 days, midnight to midnight; clear, 50-70°. 30 mile radius of Nashville. Clyde D. Anderson, compiler, 1214 McGavock Pike, Nashville 37216.

The Snow Goose was one of the blue morphs. In addition to the birds listed in the table, there were five unidentified terns and seven *Empidonax*. The *Empidonax* listed were identified by song. One of the very late Hermit Thrushers was banded.

MURFREESBORO: 24 and 25 April. Fifteen mile radius of city. Windy, overcast; 55-70°. Twenty-five observers. Anne Hettish, compiler, 1018 Lawn-dale Dr., Murfreesboro 37130.

1976 SPRING COUNT

	Mem	Nat	Law	Colu	Nash	Murf	Tull	Cook	Chat	Knox	Gree	King	Brie	Eli
Common Loon	--	--	--	--	3	4	--	--	2	--	--	1	--	--
Red-throated Loon	--	--	--	--	8	--	--	--	--	--	--	--	--	--
Horned Grebe	--	--	--	--	2	--	--	--	--	--	--	--	--	--
Fied-billed Grebe	4	--	--	8	1	4	--	--	2	4	--	1	--	7
Dbl.-cr. Cormorant	--	--	--	--	1	--	--	--	3	--	--	--	--	--
Great Blue Heron	--	--	--	--	--	--	--	1	6	2	1	4	--	1
Green Heron	3	--	3	8	8	42	2	3	1	20	5	4	2	5
Cattle Egret	6	--	--	--	--	--	--	--	--	--	--	--	--	--
Great Egret	--	--	--	--	--	--	--	--	--	--	--	--	--	1
Bl.-cr. Night Heron	--	--	--	3	--	47	--	--	--	6	--	--	--	--
Yel.cr. Night Heron	6	--	--	--	1	2	2	--	1	--	--	4	--	--
Least Bittern	--	--	--	--	--	--	--	--	1	--	--	--	--	--
American Bittern	--	--	--	--	2	3	--	--	3	--	--	2	--	--
Canada Goose	--	--	--	5	43	122	15	--	75	9	2	--	--	--
Snow Goose	--	--	--	--	--	1	--	--	--	--	--	--	--	--
Mallard	3	--	--	28	6	56	--	19	7	14	5	5	85	34
Black Duck	--	--	--	--	1	--	--	--	--	--	1	--	--	--
Gadwall	--	--	--	--	4	--	--	--	2	--	--	--	--	--
Pintail	--	--	--	--	--	--	--	--	--	--	1	--	--	--
Green-winged Teal	--	--	--	--	--	1	--	--	--	--	--	--	--	--
Blue-winged Teal	3	--	--	46	27	46	--	4	33	4	15	30	--	11
Northern Shoveler	--	--	--	--	2	3	--	--	--	--	--	--	--	--
Wood Duck	8	--	--	22	20	48	--	4	23	20	8	126	2	35
Redhead	--	--	--	--	1	--	--	--	--	--	--	--	--	--
Ring-necked Duck	--	--	--	--	1	--	--	--	--	--	4	1	--	--
Canvasback	--	--	--	--	--	3	--	--	--	--	--	--	--	--
Greater Scaup	--	--	--	--	--	1	--	--	2	--	--	--	--	--
Lesser Scaup	11	--	--	--	--	1	--	--	1	10	--	--	--	--
Bufflehead	--	--	--	--	--	--	--	--	--	--	--	--	--	30
Ruddy Duck	16	--	--	1	1	--	--	--	--	--	--	--	--	--
Hooded Merganser	--	--	--	--	--	--	--	--	--	--	--	1	--	--
Red-br. Merganser	--	--	--	--	1	--	--	--	--	--	--	2	--	--
Turkey Vulture	1	3	14	31	6	67	8	13	1	11	8	9	16	7
Black Vulture	3	6	1	16	27	90	14	3	--	5	--	1	35	5
Mississippi Kite	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Goshawk	--	--	--	--	--	3	--	--	--	--	--	--	--	1
Sharp-sh. Hawk	--	--	--	--	--	3	--	--	--	--	--	--	--	1
Cooper's Hawk	--	--	--	1	--	1	--	--	1	--	1	--	1	1
Red-tailed Hawk	1	1	15	4	2	23	4	1	4	3	8	--	2	1
Red-should. Hawk	--	2	14	--	2	9	--	--	1	--	--	--	--	--
Broad-winged Hawk	3	2	1	4	2	5	--	--	7	6	--	1	3	5
Marsh Hawk	--	--	--	--	--	--	--	3	3	1	--	--	--	1
Osprey	--	--	--	--	1	--	--	--	5	2	--	1	--	4
American Kestrel	1	--	12	15	4	41	12	1	2	2	6	1	3	2
Ruffed Grouse	--	--	--	--	--	--	--	--	--	--	--	1	--	6
Bobwhite	6	1	37	51	26	191	34	20	36	19	53	26	16	10
Turkey	1	--	--	--	1	--	--	--	--	--	--	--	--	44
King Rail	--	--	--	--	--	--	--	--	3	--	--	--	--	--
Virginia Rail	1	--	--	--	1	--	--	--	--	--	--	1	--	--
Sora	--	--	--	5	17	8	--	--	1	--	--	1	--	--
American Coot	15	--	--	130	152	47	29	--	28	13	10	20	1	2
Semipalmated Plover	--	--	--	--	2	15	--	--	2	--	--	--	--	--
Killdeer	10	--	5	27	10	106	18	4	23	10	109	16	53	7
American Woodcock	--	--	--	5	1	5	--	--	6	--	1	--	1	4
Common Snipe	1	--	--	2	--	3	1	--	4	7	4	1	1	3
Upland Sandpiper	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Spotted Sandpiper	4	3	--	1	4	52	--	1	--	12	15	2	109	14
Solitary Sandpiper	8	2	2	7	2	17	1	--	--	17	9	21	13	1
Greater Yellowlegs	--	1	--	8	--	2	--	--	7	2	8	1	--	2
Lesser Yellowlegs	4	2	--	24	11	12	1	--	--	22	6	9	2	2
Pectoral Sandpiper	--	1	--	2	4	6	--	--	1	--	--	--	--	--
Baird's Sandpiper	--	--	--	--	--	11	--	--	--	--	--	--	--	4
Least Sandpiper	4	3	--	1	18	131	--	--	11	--	--	7	--	1
Dunlin	--	--	--	--	--	--	--	--	3	--	--	--	--	--
Semipal. Sandpiper	--	--	--	1	4	14	--	--	--	--	--	--	--	--
Herring Gull	--	--	--	--	--	2	--	--	--	2	--	1	--	21
Ring-billed Gull	--	--	--	--	--	19	--	--	15	6	--	1	--	1
Bonaparte's Gull	--	--	--	--	--	2	--	--	--	--	--	1	--	--
Foster's Tern	--	--	--	1	--	5	--	--	--	--	--	--	--	--
Common Tern	--	--	--	7	2	--	--	--	1	--	--	--	--	--

	Mem	Nat	Law	Colu	Nash	Murf	Tull	Cook	Chat	Knox	Gre	King	Bris	Eli
Caspian Tern	--	--	--	--	--	2	--	--	--	3	--	--	--	--
Black Tern	--	--	--	2	1	--	--	--	--	--	--	--	--	--
Rock Dove	100	--	12	106	6	125	3	7	12	24	86	--	52	41
Mourning Dove	41	3	57	82	11	301	37	36	191	57	233	39	55	44
Yellow-billed Cuckoo	--	2	12	1	3	26	--	1	1	--	--	--	2	1
Black-billed Cuckoo	--	--	--	--	--	1	--	--	--	--	--	--	--	--
Barn Owl	--	--	--	1	1	1	6	--	--	--	--	--	3	--
Screech Owl	--	--	1	--	1	3	4	--	5	1	1	1	3	11
Great Horned Owl	--	--	2	4	3	3	--	--	3	--	1	--	1	--
Barred Owl	--	--	2	11	3	8	--	--	--	2	--	--	--	1
Chuck-will's-widow	1	2	8	4	2	10	--	1	6	1	8	--	1	--
Whip-poor-will	--	25	1	11	9	28	--	1	--	1	2	6	--	4
Common Nighthawk	--	--	--	3	6	60	6	10	5	4	4	--	22	3
Chimney Swift	37	9	22	62	23	447	772	67	156	60	234	26	--	28
Ruby-th. Hummingbird	4	3	4	2	1	16	2	--	3	9	7	--	--	2
Belted Kingfisher	--	--	3	10	5	28	3	--	1	13	2	1	--	2
Common Flicker	1	5	4	5	3	31	16	28	24	12	39	9	--	21
Pileated Woodpecker	2	3	13	17	9	37	2	4	5	16	13	3	9	2
Red-bel. Woodpecker	10	10	24	32	18	106	9	6	33	24	27	3	10	6
Red-hd. Woodpecker	13	--	3	5	6	8	1	--	7	4	--	--	--	1
Yel.-bel. Sapsucker	--	--	1	--	--	--	5	--	3	--	--	1	--	--
Hairy Woodpecker	1	--	--	3	8	15	1	3	5	1	1	4	--	5
Downy Woodpecker	7	2	6	28	24	68	16	2	10	19	12	--	8	6
Eastern Kingbird	17	2	21	26	11	83	6	4	7	19	14	6	16	1
Great Cr. Flycatcher	9	17	24	14	12	47	1	2	7	17	9	1	6	3
Eastern Phoebe	--	1	13	8	4	29	2	1	11	6	22	1	28	13
Acadian Flycatcher	9	5	11	5	6	34	--	--	--	10	--	--	2	--
Willow Flycatcher	--	--	--	--	--	1	--	--	--	--	--	--	--	--
Least Flycatcher	--	--	--	--	--	1	--	--	--	--	--	--	--	4
Eastern wood reeve	1	20	15	3	7	58	--	3	1	13	--	--	6	6
Olive-sided Flycatcher	--	--	--	--	--	2	--	--	--	--	--	--	--	--
Horned Lark	9	--	--	8	2	3	--	--	--	3	1	--	--	--
Tree Swallow	--	3	--	153	45	4	--	--	--	1	7	5	37	--
Bank Swallow	5	--	--	15	4	--	--	8	--	1	3	--	46	4
Rough-winged Swallow	13	2	3	33	65	20	--	1	7	33	29	10	109	13
Barn Swallow	95	6	98	143	76	453	78	190	74	52	172	26	366	9
Cliff Swallow	--	--	--	--	--	17	--	25	--	3	--	--	7	--
Purple Martin	28	20	114	86	18	134	116	45	40	121	80	61	504	--
Blue Jay	3	14	45	87	29	251	105	69	156	76	235	25	51	90
Common Raven	--	--	--	--	--	--	--	--	--	--	--	--	--	7
Common Crow	14	3	55	92	18	140	49	25	78	49	155	32	101	24
Fish Crow	16	--	--	--	--	--	--	--	--	--	--	--	--	140
Carolina Chickadee	35	6	16	66	33	113	28	10	27	55	107	7	26	25
Tufted Titmouse	37	20	33	75	18	136	11	58	47	57	60	8	43	28
Wh.-br. Nuthatch	--	2	--	4	1	14	--	7	8	8	2	--	2	4
Red-br. Nuthatch	1	--	--	--	--	2	1	--	3	1	--	--	2	1
Br.-head. Nuthatch	--	--	--	--	--	--	--	--	2	--	--	--	--	--
Brown Creeper	--	--	--	--	--	--	4	--	2	--	--	--	--	2
House Wren	--	--	--	--	--	11	3	1	2	1	12	3	15	18
Winter Wren	--	--	--	--	--	--	--	--	2	--	--	1	--	11
Bewick's Wren	--	--	--	2	1	8	4	--	6	--	--	--	--	--
Carolina Wren	44	11	32	35	12	107	15	6	29	60	131	16	53	22
Long-b. Marsh Wren	--	--	--	--	--	--	--	--	1	--	--	--	1	--
Short-b. Marsh Wren	--	--	--	--	--	--	--	--	1	1	--	--	--	--
Mockingbird	8	2	46	48	23	185	81	40	58	18	197	20	70	47
Gray Catbird	10	9	13	25	20	67	28	11	30	12	14	5	20	3
Brown Thrasher	2	3	22	43	33	76	34	--	48	19	54	8	20	12
American Robin	30	11	29	78	25	338	113	78	219	51	365	47	92	171
Wood Thrush	12	32	7	14	14	66	3	4	21	33	47	10	36	15
Hermit Thrush	--	--	--	--	--	2	--	--	--	--	--	--	1	3
Swainson's Thrush	2	12	4	3	8	117	--	1	--	11	8	--	17	--
Gray-cheeked Thrush	4	3	--	--	2	9	--	--	--	1	--	--	--	--
Veery	--	--	--	2	4	40	2	--	--	--	--	--	4	--
Eastern Bluebird	5	9	83	74	9	150	16	24	46	39	50	16	14	2
Blue-gr. Gnatcatcher	65	5	10	48	21	79	--	1	11	47	57	5	8	4
Golden-cr. Kinglet	--	--	--	--	--	--	--	--	7	--	--	--	5	--
Ruby-cr. Kinglet	--	--	3	1	15	3	--	--	--	6	21	4	2	8
Cedar Waxwing	--	--	20	--	3	5	30	--	--	28	47	--	2	7
Loggerhead Shrike	2	--	8	13	2	24	11	16	4	2	--	--	2	--
Starling	61	2	45	230	115	641	319	161	500	85	8471	100	288	334
Wht.-eyed Vireo	36	17	24	41	8	106	1	--	27	37	38	6	23	4
Yellow-thr. Vireo	9	5	4	8	2	15	--	--	4	25	2	1	2	--
Solitary Vireo	--	--	--	--	--	4	--	--	--	--	--	--	4	--
Red-eyed Vireo	21	22	21	20	12	118	--	1	6	19	79	63	--	42
Philadelphia Vireo	--	--	--	--	--	7	--	--	--	79	63	--	--	6

	Mem	Nat	Law	Colu	Wash	Murf	Tull	Cook	Chat	Knox	Greer	King	Bris	Eli
Warbling Vireo	2	2	--	2	1	6	--	--	2	--	--	--	--	1
Black-w. Warbler	1	5	--	4	1	8	2	1	11	17	--	7	9	44
Frothnotary Warbler	30	3	5	3	4	24	--	--	24	3	2	1	--	--
Swainson's Warbler	3	--	--	--	--	--	--	--	--	--	--	--	--	2
Worm-eating Warbler	--	4	--	3	3	5	--	1	7	5	--	2	4	15
Golden-wgd. Warbler	--	1	--	--	--	1	1	--	4	--	--	1	--	--
Blue-wgd. Warbler	1	--	2	19	5	22	1	--	5	1	--	--	--	3
Tennessee Warbler	32	40	8	40	26	156	1	12	3	63	14	--	15	1
Orange-cr. Warbler	--	--	--	--	--	1	--	--	--	1	--	--	--	--
Nashville Warbler	--	1	--	1	1	21	1	--	1	1	--	2	--	--
Northern Parula	19	1	3	10	5	10	--	--	4	--	--	--	3	30
Yellow Warbler	--	1	--	19	16	33	5	--	24	7	1	30	2	37
Magnolia Warbler	--	1	--	--	--	15	--	--	1	1	--	--	--	--
Cape May Warbler	--	2	--	2	3	10	--	--	7	1	--	17	--	2
Bl.-th. Blue Warbler	--	--	--	--	--	1	--	--	--	--	--	1	--	11
Yellow-rumped Warbler	11	6	--	65	10	120	14	--	21	80	183	17	32	16
Bl.-th. Green Warbler	--	--	--	2	1	10	1	1	2	8	7	--	4	--
Cerulean Warbler	20	4	1	15	4	15	--	--	8	5	--	--	--	--
Blackburnian Warbler	--	4	--	--	3	13	--	--	1	2	--	2	--	2
Yellow-thr. Warbler	5	4	5	14	2	13	--	3	17	2	1	1	3	5
Chestnut-sd. Warbler	--	3	--	2	2	16	1	--	10	6	--	1	--	55
Bay-br. Warbler	--	1	--	--	8	20	--	1	--	--	--	8	--	--
Blackpoll Warbler	--	4	1	19	62	--	10	--	27	3	--	8	--	1
Fine Warbler	--	24	7	--	--	5	2	1	11	14	7	--	2	3
Prairie Warbler	--	3	11	34	10	60	1	6	15	31	24	--	9	2
Palm Warbler	1	2	2	28	8	144	4	--	--	20	2	2	--	5
Ovenbird	1	8	5	9	3	17	--	--	2	8	14	6	15	6
Northern Waterthrush	--	1	--	3	3	20	--	--	1	1	--	2	--	--
La. Waterthrush	5	1	6	8	4	20	--	--	2	6	7	--	2	19
Kentucky Warbler	11	14	8	20	11	40	--	--	3	39	21	--	18	--
Common Yellowthroat	4	7	32	37	26	148	10	8	60	45	66	12	59	7
Yellow-br. Chat	3	5	19	15	8	81	--	2	17	51	13	8	15	3
Hooded Warbler	5	--	1	4	4	11	--	2	2	13	24	--	12	--
Wilson's Warbler	--	--	--	--	--	4	--	--	--	--	--	--	--	--
Canada Warbler	--	1	--	--	--	2	--	--	1	3	1	--	--	1
American Redstart	4	4	2	3	4	10	--	--	21	9	--	10	2	--
House Sparrow	9	1	97	35	35	95	--	55	51	29	80	62	76	23
Bobolink	125	--	5	--	80	209	--	--	56	7	--	128	--	--
Eastern Meadowlark	48	5	85	151	35	340	81	102	190	61	374	62	122	45
Red-winged Blackbird	76	3	43	135	75	420	66	352	80	179	304	74	228	66
Orchard Oriole	20	11	29	61	18	142	17	3	20	22	19	5	15	2
Northern Oriole	19	7	--	7	1	19	3	1	5	5	--	1	5	2
Rusty Blackbird	--	--	2	--	--	14	--	--	5	--	--	--	3	6
Common Grackle	45	12	78	165	320	808	153	247	500	114	1532	196	252	144
Brown-hd. Cowbird	104	15	16	90	19	195	42	37	84	38	1153	20	41	27
Scarlet Tanager	4	10	10	23	4	37	1	1	2	24	11	1	24	1
Summer Tanager	33	6	13	31	5	65	6	6	17	36	8	--	8	3
Cardinal	80	8	98	128	43	413	115	63	114	74	329	46	93	67
Rose-br. Grosbeak	2	6	7	8	25	95	2	--	1	31	11	--	2	9
Blue Grosbeak	--	--	20	4	2	7	--	--	5	13	4	--	1	--
Indigo Bunting	114	9	85	83	37	354	20	25	29	72	68	4	141	2
Painted Bunting	1	1	--	--	--	--	--	--	--	--	--	--	--	--
Dickcissel	7	--	7	--	4	5	12	--	--	1	--	--	--	--
Evening Grosbeak	6	--	--	66	35	14	62	--	40	1	87	50	--	25
Purple Finch	--	--	--	--	--	--	4	--	1	--	--	1	1	6
Pine Siskin	80	--	--	--	--	22	--	--	14	2	--	--	--	5
American Goldfinch	43	3	29	24	35	281	26	9	31	78	218	23	95	53
Red Crossbill	--	--	--	--	--	--	--	--	--	2	--	--	--	--
Rufous-sided Towhee	7	5	37	41	24	133	51	29	53	27	130	9	47	29
Savannah Sparrow	10	--	1	22	3	10	--	--	--	8	20	1	15	--
Grasshopper Sparrow	--	--	2	--	3	4	--	1	--	5	8	--	--	1
Vesper Sparrow	--	--	--	--	--	--	--	1	--	--	1	--	--	1
Dark-eyed Junco	2	--	--	--	--	--	--	8	--	--	--	1	--	36
Chipping Sparrow	2	6	16	15	3	53	18	5	29	37	38	4	1	53
Field Sparrow	1	1	65	41	21	154	20	7	46	29	82	15	50	16
Wh.-cr. Sparrow	1	--	--	22	14	12	1	--	7	3	3	5	--	4
Wh.-thr. Sparrow	51	2	20	83	4	65	33	--	112	41	370	35	2	53
Lincoln's Sparrow	--	--	2	2	2	2	--	--	--	--	--	--	--	--
Swamp Sparrow	--	--	1	10	--	12	--	--	9	1	11	--	2	--
Gong Sparrow	1	--	--	--	--	2	10	2	26	36	159	18	89	32
Species, Total	112	92	94	134	141	174	20	76	98	156	128	85	133	65
Species, Grand Total	315													144

TULLAHOMA: 15 May, 7 p.m. - 16 May 7 p.m. Cloudy with gusty winds and showers; 54-66°. Included Manchester, Woods Reservoir, and Goose Pond. Debra Acuff, Bonnie Bacon, Carroll Barr, Stanley Barr, Becky Bingham, Ron Bingham, Effie Boyd, Mark Brothers, Sue Ellen Burger, Major Harper, Betty King, Glenn King, Sanford McGee, Anna Parker, Jim Robb, Monty Wana-maker, Wanda Winnett.

Golden-winged Warbler (5) and Rusty Blackbird (4) were deleted; no details—MDW.

COOKEVILLE: 24 April, 7 a.m. - 5 p.m., Fair, 65-75°. Beulah Clark, Dr. and Mrs. J. O. Cummins, Caprice Haile, R. T. and D. D. Hinds, Ernst Holzhausen (Dear Sir, I apologize for the fact that this is at least the third different spelling of your name that has appeared in *The Migrant*. I hope this one is correct.—MDW), Mr. and Mrs. Frazier Jaques, Bill Jones, Ray Jordan, Amy Johnson, Mildred Lassiter, Mr. and Mrs. T. B. Link, Dr. and Mrs. Sidney McGee, Mrs. T. Moore, M. R. Richmond (compiler, 519 N. Jefferson, Cookeville 38501), Roy Sullivan, F. R. Toline, Thelma Tinnon, C. and G. E. Warren, Marie White, Florence Williams.

CHATTANOOGA: 1 and 2 May, Hamilton and surrounding counties; rainy the 1st, clear the 2nd; 50-71°; wind NW, 5-10 mph.

Lloyd and Betty Anderson, Jim and Frances Barnwell, Gary Bayne, Branson Block, Kenton Dickerson, Ken and Lil Dubke, Jack Freeman, Ann Gibson, Daniel Jacobson (compiler, P. O. Box 6, Wildwood, Ga. 30757), Janet Philips, Lee Shafer, Frank Ward, Dick Wodzinski, Roger Woodruff, and the many T.O.S. members attending the Spring Meeting.

KNOXVILLE: 25 April, restricted to Knox County. Partly cloudy; winds up to 40 mph, average 16.7; 51-72°.

Jeff Basham, Robert and Lavada Harris, J. C. Howell, Tony Koella, Beth Lacy, Holly Overton, J. B. Owen (compiler, 2930 North Hills Blvd. Knoxville 37917), Polly Ryder, Mabel Sanders, Boyd Sharp, Alan Smith, Johneta and Louis Smith, Carl Swafford, Bill and Irene Williams, Morris Williams.

GREENEVILLE: 25 April, clear, 60-74°. Thirteen observers. Richard Nevius, compiler, Rt. 6, Greeneville 37743. Goshawk was deleted; no details—MDW.

KINGSPORT: 8 May, Midnight-Midnight. Count included that portion of Sullivan County lying west of Bristol Airport and Hawkins County. Overcast, mild winds, average temperature 50°. 150 observer hours, 175-200 miles.

Fred Alsop, Tom Bowman (compiler, Bays Mountain Park, Rt. 4, Kingsport 37660), David Coats, Marcia Davis, Glen Eller, Tom Finucane, Hayden and Kitty Hannabass, Fred Hilton, Glynis Hooper, Bill Kappa, Dick Lura, Richard Lewis, Betsy Oglesby, Debra Patterson, Rick Phillips, Ann Switzer, Gary Wallace.

In addition to the adult Virginia Rail there was a nest with five eggs and two young. The Barn Owls listed were all young.

BRISTOL: 24 April; clear; 52-83°.

Judy Abbott, Judge and Mrs. J. L. Cantwell, Mary E. Green, Ester Hilton, J. W. Jackson, Mr. and Mrs. Enno van Gelder, Diane Wilson (compiler).

ELIZABETHTON: 24 April; Carter and adjoining counties. Clear, wind 0-5 mph; 47° (on Roan Mountain) to 83°.

John and Donna Adams, Fred Behrend (the last of many counts for him), Ed Davidson, Joy and Martha Dillenbeck, Tom Dosser, Helenhill Dove, Dave Edwards, Glen Eller (compiler, Rt. 3, Grandview Terrace, Elizabethton 37643), Harry Farthing, Sally Goodin, Lee and Lois Herndon, Danny Leach, Dick Lura, John and Carolyn Martin, Jake Slonaker, Elanore Smith, Glen Swofford, Gary Wallace, Jane Whitehead, Keith Young.

The Goshawk was seen by Herndons, Martins, and Smith in Johnson County where it had been seen earlier in the year several times. The Baird's Sandpipers were seen by Dillenbecks and Whitehead; studied 30-40 minutes as close as ten feet!

* * * * *

ROUND TABLE NOTE

SECOND RECORD OF NORTHERN PHALAROPE IN NASHVILLE AREA—As we approached Green's Lake near Gallatin at 11:10 on 18 May 1976, we noticed a small bird swimming rapidly and erratically among drowned weeds in the shallow water at the upper end of the lake. Using 7 x 35 Bushnell binoculars, we identified the bird as a phalarope. With a 20-45x Bushnell Space-master spotting scope, we were able to recognize it as a female Northern Phalarope (*Lobipes lobatus*) in breeding plumage.

After identifying the bird, we approached to approximately 35 meters and studied the bird more closely. The beak was black, very slender and needle-pointed. The crown and back of the neck were black with the black extending down the sides of the face to just below the eyes. The chin and upper throat were pure white. A brick red band crossed the middle throat, brightest red in front and shading into the dark nape. The back was dark gray with golden, brown stripes. A blue-gray area in front of the bend of the wing shaded into pure white on the breast and belly.

Birders in Nashville were alerted and several were able to see the bird during the afternoon. The lake was checked daily for the next few days but we did not see the phalarope again.

According to Parmer, *Birds of the Nashville Area*, the only previous record of Northern Phalarope in the Nashville Area is that of Ogden who found two at Bush Lake on 21 October 1959.

PAUL AND DOT CRAWFORD, Route 4, Gallatin 37066.

MINUTES OF THE 1976 SYMPOSIUM AND FALL MEETING

The Tenth Annual Symposium and Fall Meeting of the Tennessee Ornithological Society was held 15-17 October 1976 at Fall Creek Falls State Park. The Board of Directors' meeting was called to order at 13:50 on 16 October 1976, by the President, Ray Jordan.

The Minutes of the 1975 Fall meeting of the Board of Directors, as printed in the March 1976 issue of *The Migrant*, were approved.

REPORTS OF OFFICERS

There were no reports from the Vice Presidents, Directors at Large, and the Secretary. The Treasurer presented no detailed financial report. He requested that chapters begin collecting 1977 dues prior to 1 January.

EDITOR'S REPORT: Gary Wallace stated that the June and September issues of *The Migrant* and the new Membership List were all at the printer and should be mailed in the next three to five weeks.

The "State Count Compiler," Morris Williams, had no further report except to repeat the request for reports to be sent in promptly. He stated that he had in some years received reports of Spring Counts before some of the previous Christmas Count reports. Morris Williams' new address is now in Nashville with the Department of Conservation.

CURATOR'S REPORT: The Curator, Dr. James Tanner, still has back copies of *The Migrant* for sale. He stated that in Mr. Ganier's effects, there was left a set of bound volumes for 1935 through 1955 which is available for any library, organization or individual. Also in Mr. Ganier's material was the original charter of the T.O.S. which legally set up the organization. This charter is presently in Dr. Tanner's safety deposit box and if anyone has a suggestion for a better place for its disposition, he would be glad to be advised. A thermofax copy of the charter has been made.

REPORTS OF STANDING COMMITTEES

CONSERVATION COMMITTEE: Dr. George Mayfield stated that nothing has happened to change the situation at the Duck River Heronry.

Bill Yambert discussed the Catoosa Wildlife Management Area with regard to the Red-cockaded Woodpecker. A forester has been working to locate signs of the bird, and has reported that they are scattered over a much wider area than previously thought. The spread of the pine beetle has not been stopped. However, no great decline in the number of woodpeckers has been noted. Not all of the trees have been killed by the pine beetle, and the pine beetle, the yellow pine and the woodpecker have been co-existing for several hundreds of thousands of years in the Southeastern U. S. and neither has eradicated the other so far.

Nothing is known on the problem of the AEDC Rookery and the airport question. The airport situation still has not been settled. George Mayfield will look into this and also local people of the Highland Rim Chapter will continue to monitor the situation.

On 22 September a meeting and symposium sponsored by the Audubon Society was held to discuss the blackbird problem. Bill Yambert attended and reported many interesting facts that were brought out. Although no solution to the problem has yet been found, and all efforts have been unsuccessful, co-ordination between all affected states is important. It was learned that the blackbirds are a tremendous agricultural help in states farther north for the killing of insects and a killing of over 50 million birds in this area would be highly undesirable from that standpoint. Also, reports show that eradication is a poor method of getting at the problem since, if 50 or 75 million birds were killed per year, there would be an increased reproductive figure due to lack of competition which would produce just as many or more birds the next year.

Dr. Burt Monroe has done an extensive study on the histoplasmosis aspect of the problem and this scare has been discounted. His studies show that active roosts are very unlikely to cause any epidemic. The birds, themselves, do not carry the disease but the roosts, when dry, do provide the conditions for growth of the spores in the soil, so that the dry material of an old roost when inhaled could carry the spores.

There was no report from the Certification (New Species) Committee. This Committee is composed of Gary Wallace, Chairman, Dr. Jim Tanner, Katherine Goodpasture and Ben Coffey. It was appointed during the presidency of Noreen Smith.

REPORTS—SPECIAL COMMITTEES

PATCHES AND DECALS: Pat Stallings stated that as of 1 October \$550.00 worth had been sold. That, plus sales expected from this meeting, should put us \$150.00 short of breaking even.

NON-GAME PROGRAM: Ken Dubke stated that there had been no recent meetings of the State Non-Game Division and there was, therefore, no report at this time.

DIXON MERRITT MEMORIAL: The Chairman of the Committee, William Senter, was not present to make this report but John Sellars of the Lebanon Chapter and our President, Ray Jordan, both gave reports as to the progress being made. A letter has been sent to each Chapter President requesting that chapter donations be made to this cause and also encouragement be given to members for individual donations. It was pointed out that if each chapter would donate \$10.00, we would have the \$120.00 which the Society voted to underwrite. The Department of Conservation is to go in with T.O.S. on a matching basis. The price of the plaques has gone up since plans for the memorial were made, and will very likely go up again, making it important that we collect this money and complete the purchase as soon as possible.

BROCHURE: Plans for a T.O.S. Informational Brochure have been underway for several years with no progress. Wallace Coffey changed that at this meeting

when he brought 4,000 copies of the brochure for distribution to the chapters and stated that, in addition, a copy of the brochure will be included in each copy of the next issue of *The Migrant*. Appreciation was expressed to Wallace Coffey for an outstanding job.

NEW BUSINESS

Mr. Jordan stated that he had received inquiries as to whether or not we should continue a relationship with the Tennessee Environmental Council. There were no recommendations on this at present but it was decided that the matter can be studied and dealt with at a later date.

JOINT MEETING: A letter has been received from the President of the Georgia Ornithological Society suggesting a joint meeting of GOS, CBC and TOS in the Spring of 1978. Fontana was mentioned as a possible location for such a meeting. After considerable discussion, motion was made by George Mayfield that the plan for a joint meeting of GOS, CBC and TOS be tentatively approved and that the officers be given authority to go ahead and investigate the details. The motion was seconded by Louise Nunnally. Motion carried.

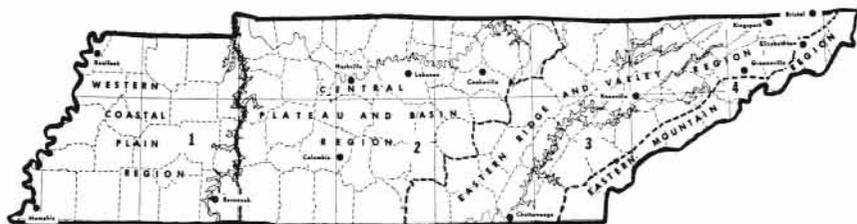
SPRING FORAY: John Sellars, on behalf of the Lebanon Chapter, issued an invitation for the next Foray to be held in Wilson County. One of their primary reasons for the invitation is the hope that T.O.S. can compile a checklist of birds for the Cedar Glades area, to be distributed at the Nature Center where the Dixon Merritt plaques are to be placed. Morris Williams suggested that forays should be conducted in lesser known areas, and perhaps we could be housed in Wilson but go into Smith or DeKalb counties. Arlo Smith suggested that a committee be appointed to investigate which counties need to be especially studied. The President asked Morris Williams, Ken Dubke and Wallace Coffey to discuss this matter and report later.

ANNOUNCEMENTS

SPRING MEETING, 1977: The dates for the Spring meeting are 6, 7 and 8 May at Reelfoot Lake, Ellington Hall to be the headquarters. Rooms at Airpark Inn and the Spillway Motel will be held until 26 March for T.O.S. members.

LOUISE JACKSON, *Secretary*

THE SEASON

FRED J. ALSOP, III, *Editor*

NESTING SEASON: 16 MAY - 31 JULY

This particular "Season" report is packed with numerous records of the nesting of many species across the State; not only of their presence during their breeding season, but of the details of their attempts. The following observations include those of such uncommonly recorded nesters as the American Bittern and the Tree Swallow in the Central Plateau and Basin Region, and of night herons of both species (two big colonies of the Black-crowned Night Heron), a Pied-billed Grebe, and the unsuccessful attempt of a pair of Ospreys in the Eastern Ridge and Valley Region.

All Regions report late migrating and lingering passerines with both wintering finches and transient warblers being found on very late dates for some areas and, in some cases, for the State. The two middle Regions had late records for several waterfowl species with some remaining through the summer.

Some of the most noteworthy finds sending Tennessee birders for their field-guides and birding friends were such unusual discoveries as: a Glossy Ibis, a Scissor-tailed Flycatcher, and Bachman's Sparrows in the Western Coastal Plain; a Fulvous Tree Duck (the new A.O.U. common name is Fulvous Whistling-Duck), a Ruddy Turnstone, and a Northern Phalarope in the Central Plateau and Basin; a Bald Eagle in July in the Eastern Ridge and Valley and a June Pied-billed Grebe in the Eastern Mountain Region.

Again, for at least the fourth consecutive summer, Upland Sandpipers were located at Metro Airport in Nashville, but still without any evidence of their nesting.

More birders seem to be remaining active through the nesting season with the results of their efforts adding much to our knowledge of Tennessee's nesting birds.

WESTERN COASTAL PLAIN REGION—The Cedar Waxwing dates are the latest for this region ever recorded in the Journal; however, this is not to say that they have not been in the area at a previous time and not reported. This is the fourth recorded sighting in West Tennessee for the Scissor-tailed Flycatcher and the third time for the Glossy Ibis. The Mississippi Kite count is up from the previous years. The Bachman's Sparrow has been sighted in West Tennessee three previous times, with a prior sighting in Hickory Valley, Mississippi in 1961. This is the first summer record for the Song Sparrow recorded in *The Migrant* with young.

Heron-Sandpiper: Yellow-crowned Night Heron: 20 Jul (3) FDRM (MDW). Least Bittern: 13 Jun (2) East of Gray's Camp (1) South of Gray's Camp, R (ANS); 20 Jul (2 adults; 4 nests, 1 empty, 1 with 5 and 1 with 4 eggs) FDRM (MDW). *GLOSSY IBIS*: 30 Jun (1) HRB, West Haywood Co. (GB). Blue-winged Teal: 20 Jul (1) FDRM (MDW). Mississippi Kite: 29 May (8), Jun - Jul (2-4) R (MEC); 27 Jun (1) North of Toone (AL, RJ). American Coot: 20 Jul (1) FDRM (MDW). Spotted Sandpiper: 3 Jul (1) Island 13, Lake Co. (MLB). White-rumped Sandpiper: 29 May (1) Echles Towhead, Lake Co. (MLB). Solitary Sandpiper: 24 Jul (1) PF (MW). Least Sandpiper: 3 Jul (1) Island 13, Lake Co. (MLB). Semipalmated Sandpiper: 29 May (10) Echles Towhead, Lake Co. (MLB).

Flycatcher-Sparrow: *SCISSOR-TAILED FLYCATCHER*: 20 May (1) M (JW). Yellow-bellied Flycatcher: 20 thru 23 May (1) M (LC). Cedar Waxwing: 23 May (30, 20, 5) at 3 respective locations M (BBC); 29 May (20) I-40 and Big Sandy (15) I-40 near Big Sandy (6) I-40 and Jackson, TN (MLB). Bewick's Wren: 18 May (1) West of Covington (AS), 2 Jun (1) Southwest of Covington (AS); 27 Jun (1) North of Toone (AL, RJ); 6 Jun (1) Haywood/Madison Co. line (AS). Swainson's Warbler: 15 Jul (1) Big Cypress Tree, Weakley C. (MDW). Worm-eating Warbler: 30 Jun (2) HNWR at Hwy 76 (GB). Northern Oriole: 13 Jul (1) Pickwick Dam (MDW). *PAINTED BUNTING*: 20 Jun (1) Covington, TN (AS); (11) males found at various sites in the Northwest Quadrant of M (BBC). *BACHMAN'S SPARROW*: 16 Jun (1) each stop of 3 on Breeding Bird Census, NW Alcorn Co. MS (BBC, LC), 18 Jun (1) N of Hickory Flat, MS (BBC, LC). Song Sparrow: 20 Jun (2) adults and (juv) Joe Echles Towhead, Lake Co. (MLB). 29 Jun (1) heard singing, same location (BBC).

Locations: FDRM—Forked Deer River Marsh; HRB—Hatchie River Bottom; HNWR—Hatchie National Wildlife Refuge; M—Memphis; PF—Penal Farm; R—Raleigh.

Observers: ANS—Arlo and Noreen Smith; MLB—Mike Bierly; BBC—Ben B. Coffey; LC—Lula Coffey; GB—Gary Bayne (Rising Fawn, GA); AS—Alice Smith; RJ—Rusty Jones; AL—Allan Larabee; MDW—Morris D. Williams; MW—Martha Waldron; JW—Jeff Wilson.

MARTHA WALDRON, 1626 Yorkshire Dr., Memphis 38117.

CENTRAL PLATEAU AND BASIN REGION—*Loon-Duck*: Common Loon: 7 Jun (1) OHL (MLM). Double-crested Cormorant: 25 May (1) GSP (DC, PC). Cattle Egret: 18-24 May (1) G (DC, PC); 23 May (1) MP (OH); 31 Jul (1) BV (MLB, RJM). Black-crowned Night Heron: 19 Jun (1, imm.) ML (DKD, DRJ); Bordeaux Heronry was active this year. Yellow-crowned Night Heron: 16 Jul (1, imm.), 21 Jul (2, ad.) CC (FB); during summer (2 ad., 1 imm.) BV. Least Bittern: 22 May (1) GP (DKD, GK, DRJ); 19 Jun (2) GP (DKD, DRJ); 19 Jun (2) ML (DKD, DRJ). *AMERICAN BITTERN*: 22 May (1 ad., nest with infertile egg, a 2 week old bird near nest) GP (DKD, GK, DRJ); 23 May (1) BV (RJM); 30 May (1) FP (MDW). *FULVOUS TREE DUCK*: bird reported last season was last seen on 21 May, G (DC, PC). Black Duck: 6 and 20 Jun (1) MP (OH). Blue-winged Teal: 5 Jun (1) ACM (RJM); 6 and 20 Jun (1) MP (OH). Ring-necked Duck: 19 May (1) G (DC, PC). Canvasback: A female remained with an injured

male at Gallatin through 19 May; 23-25 Jul (1, apparently healthy male) G (DC, PC). Ruddy Duck: 27 May (1) MP (Allen Presnell). Hooded Merganser: 3 Jun (1) OHL (MLM).

Hawk-Owl: Sharp-shinned Hawk: 29 May (1) Macon Co. (MDW). Virginia Rail: 16 May (1) ACM (WF, DRJ, MLM). American Coot: 3 Jun (2) OHL (MLM); 5 Jun (4) Ashland City (RJM); 27 Jun (1) BV (MLM). *RUDDY TURNSTONE*: 30 Jul (1) G (DC, PC, BJ). Upland Sandpiper: 14-21 Jul (1 or 2) Metro Airport (MLM); 17 Jul (1) Sycamore Creek Recreation Area (RJM). Spotted Sandpiper: 27 May (1) MP (*fide* GRM); 2 Jun (1) Old Hickory Beach (MLM). Lesser Yellowlegs: 25 May (1) G (DC, PC). White-rumped Sandpiper: 19-24 May (8 or 9) G (DC, PC, DRJ, BJ). Baird's Sandpiper: 15 May (2) G (DRJ). Dowitcher sp.: 9-11 Jul (up to 4) BV (RJM, MPS); 30 Jul (1) G (DC, PC, BJ). Stilt Sandpiper: 17-30 Jul (1-3) G (DC, PC). Western Sandpiper: 24 May (1), 30 Jul (3) G (DC, PC). *NORTHERN PHALAROPE*: 18 May (1) G (DC, PC). Forster's Tern: 17 Jul (3) OHL (SF, WF). Black-billed Cuckoo: 16 May (1) ACM (DRJ, MLM, MPS); 19 May (1) L (GRM). Barn Owl: 29 May (1, banded) G (MDW).

Flycatcher-Sparrow: Willow Flycatcher: 29 May (1) Minor Hill, Giles Co. (MDW); 6 Jun (2) MP (OH); during summer (2) BV (MLB). *TREE SWALLOW*: 6 Jun (ad. *feeding young* out of nest) MP (OH). Bank Swallow: 27 May (2) C (GRM). House Wren: One appeared in Byrdstown on 19 Jun and spent summer, 1st local summer record (RH). Swainson's Thrush: 31 May (1) CC (FB). Philadelphia Vireo: 23 May (2) RL (MLB). Black-throated Blue Warbler: 30 May (1, singing) 5 mi. E of Center Hill Dam (BJ). Yellow-rumped Warbler: 24 May (1) NA (SF) latest NA record by 5 days. Bay-breasted Warbler: 26 May (1) NA (MLB). Connecticut Warbler: 22 May (1) Shelby Bottoms (MPS). Mourning Warbler: 19 May (1) L (GRM); 19 May (1) RL (Frank and Karen Ritter); 28 May (1) NA (Ann Nichols). Rose-breasted Grosbeak: 31 May (2) CC (FB). Pine Siskin: 22 May (20) Cheatham Lake (RJM), latest NA record by 6 days. Grasshopper Sparrow: 5 Jun (10) Glen Breed. Bird Survey (DRJ). White-crowned Sparrow: 23 May (1) C (GRM). White-throated Sparrow: 11 Jul (1) NA (Jan Alexander). Song Sparrow: Many pairs in Byrdstown, following only 1 pair in 1968 (RH); one in McMinnville in early summer, none in Woodbury (Mary Wood).

Locations: ACM—Ashland City Marsh; BV—Buena Vista; CC—Cannon County; C—Columbia; FP—Five Points; G—Gallatin; GSP—Gallatin Steam Plant; GP—Goose Pond; L—Lincoln County; MP—Monsanto Ponds; ML—Morton's Lake, Manchester; NA—Nashville Area; OHL—Old Hickory Lake; RL—Radnor Lake.

Observers: MLB—Michael Bierly; FB—Frances Bryson; DC—Dot Crawford; PC—Paul Crawford; DKD—Kenton Dickerson; SF—Sally Fintel; WF—William Fintel; RH—Robbie Hassler; OH—Olin Hotchkiss; DRJ—Daniel Jacobson; BJ—Bill Jones; GK—Glen King; MLM—Margaret Mann; GRM—George Mayfield; RJM—Rocky Milburn; MPS—Pat Stallings; MDW—Morris Williams.

MORRIS D. WILLIAMS, Tennessee Heritage Program, Suite 601, 1720 West End Building, Nashville 37203.

EASTERN RIDGE AND VALLEY REGION—Several nests found during the season are worthy of mention. A pair of Osprey, returning to a nest on Watts Bar Lake, laid eggs, but was unsuccessful in hatching them. An active Pied-billed Grebe nest—a first for the Chattanooga area, was found at Amnicola Marsh. Knoxville reported a new nesting location for the Barn Owl and two large colonies of Black-crowned Night Herons. A species seldom seen during the nesting season, the Blue-winged Warbler, was observed feeding young on Look-out Mountain.

Probably the most unusual record is that of an Evening Grosbeak at Knoxville in July. Other interesting sightings include June dates for the Chestnut-sided Warbler at Chattanooga, a summering Greater Scaup on Ft. Loudon Lake, and four July dates for the Bald Eagle.

While the Grasshopper Sparrow seems to be declining in general, this season gives good news from two areas of the region. Are they actually on the increase?

Grebe-Sandpiper: Pied-billed Grebe: 19 May (nest, 3 eggs), 26 May (nest, 2 eggs), 11 July (adult with two young) AM (KLD, GLB, DRJ). Great Blue Heron: 23 Jun (1) AS (DL); 26 Jul (1) JCo (TK). Cattle Egret: 29 May (2) CkL (JBO, DB); 17 Jul (7) BC (JD). Great Egret: 19 Jul (2) AS (DL); 27 Jul (2) HRA (KLD). *BLACK-CROWNED NIGHT HERON*: 26 Jun (114 nests) S (MDW, LN); 28 Jun (2) JCo (TK); 1 Jul (306 nests) CkL (MDW); 25 Jul (2 ad., 4 imm.) AS (DL, MD, SG). Yellow-crowned Night Heron: 16 May (8 nests) ALM (MDW); 11 Jul (nest, 3 young) AM (DRJ); 16 Jul (4 imm.) AS (DL, MD, SG). *GADWALL*: 1 Jul (1) PHL (MD, SG). Blue-winged Teal: 12 Jul (1) HRA (KLD). *GREATER SCAUP*: 16 May - 8 Jul (1) FLL (PP). Sharp-shinned Hawk: 20 Jul (1) WCo (SG). Cooper's Hawk: 16 May (1), 25, 27 Jun (1) JC (SG). Red-tailed Hawk: 6 Jun (nest, 2 young) ALM (GLB). Broad-winged Hawk: 9 Jun (nest, 3 young) ALM (GLB). *BALD EAGLE*: 8 Jul (1 calling at night) NoL (JCH); 13, 16, 23 Jul (1) NoL (JCH). *OSPREY*: 2 Jun (nest, 2 eggs, unsuccessful) WBL (Kathy Hamm fide KD); 1 Jul (1) PHL (MD, SG). American Kestrel: 12 Jun (2) SeV (LS, DRJ); 11 Jul (2) CH (KLD). Ring-necked Pheasant: 31 May (2) HRA (GLB). King Rail: 21 May - 11 Jun (1, hit by car on last date) SB (KLD); 27 May (nest, 12 hatching eggs) ALM (MDW); 28 May (1) HRA, (DRJ); 20 Jul (1) AM (GLB). American Coot: through period (1-13) HRA, CH (KLD, DRJ, DKD); 18 Jun (2) MHL (GM); 19 Jul (1) AS (DL). American Woodcock: 15 Jun (3) AM (KLD, DRJ); 21 Jun (1) Erwin (RL). Spotted Sandpiper: 31 May (1) AS (RL, DL). Pectoral Sandpiper: 17 May (2) HRA (KLD). White-rumped Sandpiper: 17 May (7) HRA (KD). Least Sandpiper: 26 May (1) AM (DRJ); 1 Jul (2) AS (MD, HD, SG). Semipalmated Sandpiper: 26 May (2) AM (DRJ).

Tern-Sparrow: Common Tern: 13 Jun (1) ALM (GLB, DRJ). Caspian Tern: 27 May (1) Catoosa Co., Ga. (KD). Black Tern: 4 Jun (1) ChL (JD). Barn Owl: two active sites, one producing 3 young JC (GE); 5 Jun (nest, 2 young) SeV (LS, DRJ); 10 Jul (1-2 adults, 2-3 young) Powell (GM). Willow Flycatcher: 31 May, 20, 27 Jul (1) AM (GLB); 4 Jun (1) McClure Pond, KCo (MDW); (2-3 pairs nested) AS (GE). Tree Swallow: 23 May (50) AS (MD, SG). Bank Swallow: 30 May (3) AS (GE, HF); 11 Jul (1) HRA

(DRJ). House Wren: 6 Jun (1) JBBS (DRJ). Bewick's Wren: 6 Jun (1) JBBS (DRJ); 12 Jun (1) SeV (LS, DRJ). Short-billed Marsh Wren: 18 Jul-end of period (1) SB (KLD). Blue-winged Warbler: 5 Jun (adult feeding young) ALM (GLB); 6 Jun (1) Scott Co. (Jim Campbell). *CHESTNUT-SIDED WARBLER*: 6 Jun (1) ALM (GLB); 11, 12 Jun (1, male singing) Point Park, CH (GLB, KLD). Connecticut Warbler: 13 Jun (1) ALM (GLB, DRJ). Wilson's Warbler: 21 May (1) KCo (BS). Bobolink: 18 May (150) BCo (HO). Northern Oriole: 30 May (1) JCo (TK); 10-12 Jul (1) KCo (HO). Dickcissel: 17 May (4), 13 Jul (2) HRA (KLD); 27 May-end of period (2-4) JCo (TK). *EVENING GROSBEEK*: 24 May (3) JC (SG); 29 Jul (1) K (Rob Harris). *RED CROSSBILL*: 6 Jun (6) KCo (MDW). Grasshopper Sparrow: through period (very common) JCo (TK); during period (12) HRA, SeV, ALM (KLD, LS, GLB, DRJ); 5 Jun (1) LBBS (MDW).

Locations: ALM—Alcoa Marsh; AM—Amnicola Marsh; AS—Austin Springs; BC—Battle Creek, Marion County; BCo—Blount County; CH—Chattanooga; CkL—Cherokee Lake; ChL—Chickamauga Lake; FLL—Ft. Loudon Lake; HRA—Hiwassee River Area; JBBS—Jasper Breeding Bird Survey; JCo—Jefferson County; JC—Johnson City; K—Knoxville; KCo—Knox County; LM—Lookout Mountain, Ga.; LBBS—Lovell Breeding Bird Survey; MHL—Melton Hill Lake; NoL—Norris Lake; PHL—Patrick Henry Lake; S—Sevierville; SB—Savannah Bay; SeV—Sequatchie Valley; WBL—Watts Bar Lake; WCo—Washington County.

Observers: GLB—Gary L. Bayne; DB—Dave Bishop; JD—Jon DeVore; DKD—D. Kenton Dickerson; MD—Martha Dillenbeck; HD—Helenhill Dove; KD—Ken Dubke; KLD—Ken and Lil Dubke; GE—Glen Eller; HF—Harry Farthing; SG—Sally Goodin; JCH—J. C. Howell; DRJ—Daniel R. Jacobson; TK—Tony Koella; RL—Richard Lewis; DL—Dick Lura; GM—Gary Muffy; LN—Louise Nunnally; JBO—J. B. Owen; HO—Holly Overton; PP—Paul Pardue; LS—Lee Shafer; BS—Boyd Sharp; MDW—Morris D. Williams.

DANIEL R. JACOBSON, P. O. Box 6, Wildwood, Ga. 30757.

EASTERN MOUNTAIN REGION—The weather for our area was nearly normal in all aspects. The only exception was the month of June with almost double the normal amount of rainfall. Temperatures were near normal thru-out the reporting period. One later than usual "light" frost came on 19 May with very little effect.

There seemed to be very few observers in the field in our area this reporting period, therefore no really significant sightings were reported.

Grebe-Sandpiper: Pied-billed Grebe: 22 Jun (1) BIC (GE). Great-blue Heron: 5 Jul (1) BIC (GE). Bufflehead: last seen 17 May (2) WibL (HF). Sharp-shinned Hawk: 21 May (1) IMG (SG); 31 May (1) RM (LRH, GE). Cooper's Hawk: 31 May (1) RM (LRH, GE); 6 Jul (1) Eliz (GE). Ruffed Grouse: 29 May (1 adult, 6 young) ShV (GE, DL). Semipalmated Plover: 30 May (1) WatR (GE). Least Sandpiper: 23 May (3) WatR (JS); 12 Jul (1) WatR (MD, SG). Semipalmated Sandpiper: 17 May (2) SeV (ES, LRH); 31 May (3) WatR (GE, HF). Western Sandpiper: 18-19 May (1) WatR (MD, SG).

Cuckoo-Shrike: Black-billed Cuckoo: No reports during this period is very unusual. Barn Owl: two active sites in area with one producing 3 young near Eliz. SAW-WHET OWL: 22 May (2) GSMNP (MDW). Chuck-will's-widow: last heard 22 Jun (1) MC (GW). Willow Flycatcher: 29-30 May (2-5) ShV (DJ). OLIVE-SIDED FLYCATCHER: 16 May (3) GSMNP (MDW). Purple Martin: last seen 19 Jul (3) Eliz (LRH). Common Raven: 26 Jun (2) GSMNP (MDW); 1-3 irregularly on RM and IM (ES, SG, et. al.). Red-breasted Nuthatch: completely absent from higher elevation on RM since last winter's bad cone crop. Winter Wren: regular on RM thru-out period (ES et. al.). Loggerhead Shrike: No reports since 27 Apr which is very unusual.

Warbler-Sparrow: Prothonotary Warbler: 30 May (2) WatR (GE). Swainson's Warbler: 30 May (2) ShV (DJ); 23 Jun (1) RCP (SG, RL, GS). Golden-winged Warbler: 31 May (2) RM (GE, LRH). Blackpoll Warbler: last seen 30 May (1) Eliz (GE) after a very heavy spring migration. Prairie Warbler: last seen 22 May (1) BlC (GE). MOURNING WARBLER: 23 May (1) Eliz (LRH). BOBOLINK: 8 Jun (1) GSMNP (MDW). Blue Grosbeak: 17 Jul (1) RCP (GS); 25 Jul (1) MtnC (GE); 27 Jul (2) near Eliz (MD, SG). Evening Grosbeak: last seen 19 May (2) Eliz (GE). Pine Siskin: 31 May (1) RM (DJ); 2 May (3) RM (ES). RED CROSSBILL: 21 May (8) Unaka Mtn (ES, LRH); 27 July (6) near Eliz (GE, RL). Grasshopper Sparrow: 8 Jun (9 singing males) near Eliz (GW, DL). Vesper Sparrow: 29 May (6) ShV (DJ); 18 Jun (2) RM (ES).

Locations: BlC—Bluff City; Eliz—Elizabethton; GSMNP—Great Smoky Mtn. National Park; IMG—Iron Mtn. Gap; MC—Milligan College; MtnC—Mountain City; RCP—Rock Creek Park (near Erwin), RM—Roan Mountain; ShV—Shady Valley; SmV—Siam Valley; WatR—Watauga River; WibL—Wilbur Lake.

Observers: MD—Martha Dillenbeck; GE—Glen Eller; HF—Harry Farthing; SG—Sally Goodin; LRH—Lee R. Herndon; DJ—Daniel Jacobson; DL—Dick Lura; RL—Richard Lewis; ES—Ed Schell; GS—Glen Swofford; JS—Jake Slonaker; GW—Gary Wallace; MDW—Morris Williams.

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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.

REPRINTS: Reprints are available on request. Reprint requests should accompany article at the time of submission. Billing to authors will be through the state T.O.S. Treasurer.

Books for review and articles for publication should be submitted to the editor. Seasonal reports and items should be forwarded to the appropriate departmental editor whose name and address will be found on the inside front cover.

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