

# THE MIGRANT

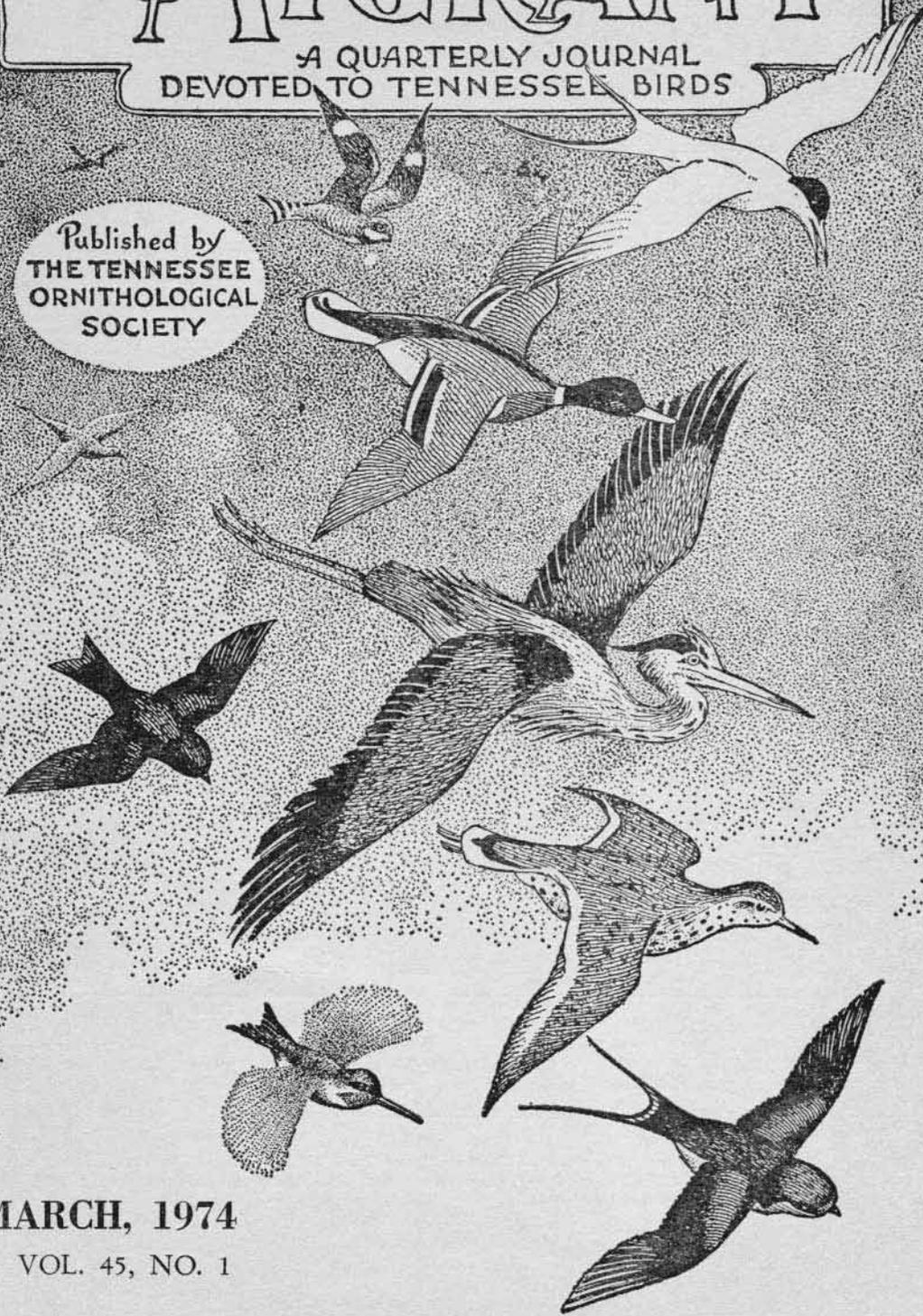
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## THE 1972 FORAY: LAWRENCE COUNTY

BY FRED J. ALSOP, III<sup>1</sup> AND MORRIS WILLIAMS<sup>2</sup>

More than 30 T.O.S. members were hosted by the Buffalo River Chapter in Lawrence County during the second annual T.O.S. Foray, 26-29 May 1972. As in the 1971 Campbell County Foray (*The Migrant*, 42(4): 73-81), these birders made daily studies of the avifauna throughout the county recording all individual birds seen and/or heard during the period. Compilations were made each evening with the records coming from: 1) daily field lists of all species observed, 2) studies of the Foray Bird—the Blue Grosbeak, 3) roadside counts, 4) strip counts, and 5) nest location. The Foray was headquartered in David Crockett State Park.

Lawrence County is located in the southwestern part of Central Tennessee and is bordered on the south by Lauderdale County, Alabama. It is bounded by the Tennessee counties of Giles on the east, Maury and Lewis on the north, and Wayne on the west. The county occupies a total area of 405,760 acres (approximately 634 square miles). The population is 29,097 (1970 census) or an average of 46 people per square mile. Approximately 50% of the county is cultivated with cotton and corn as the major crops. Elevations of the rolling topography range from a high of 1,000 feet along the northern boundary to 540 feet in the southwest near Shoal Creek. The county is drained by the Buffalo River, Anderson Creek, Bluewater Creek, Shoal Creek, Sugar Creek, and Weakley Creek. There are many small ponds and lakes of a few acres in size in the county. Laurel Hill Lake in the northwest corner is the largest body of water in the county. It has a surface area of 327 acres.

Weather during the Foray was clear to partly overcast with daily highs in the upper 80's and low 90's, and nightly lows in the 50's and 60's ° F.

### THE 1972 FORAY SPECIES LIST

The following annotated species list was edited and compiled from all the reports received from the Foray participants. With regard to the species listed, and to their numbers, the following points should be noted: 1) most of the birds are permanent and/or summer residents and, therefore, may be breeding in Lawrence County; *but* several are late transients, i.e., Rose-breasted Grosbeak, 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 seen. For example, the 30 Red-tailed Hawks reported

means this species was recorded on 30 different occasions, but not that 30 different Red-tails were known to be present in the county during the Foray. This is due to the wide, and sometimes overlapping coverage of the area by the participants during the four day period. Where only one bird represents its species on the list, and/or where several individuals of one species were reported by one party, the name(s) of the observer(s) appears in the list. Species not accepted, but reported, do not appear in the list which follows.

Green Heron (*Butorides virescens*)—31; Mallard (*Anas platyrhynchos*)—6, domestic or wild??; Wood Duck (*Aix sponsa*)—13; Turkey Vulture (*Cathartes aura*)—109; Black Vulture (*Coragyps atratus*)—12; Sharp-shinned Hawk (*Accipiter striatus*)—1, identified by Gloria and David Patterson; Cooper's Hawk (*A. cooperii*)—2, both identified by George Mayfield; unidentified Accipiters—1; Red-tailed Hawk (*Buteo jamaicensis*)—30; Red-shouldered Hawk (*B. lineatus*)—5; Broad-winged Hawk (*B. platypterus*)—18; unidentified Buteo-type hawks—1; American Kestrel (*Falco sparverius*)—11; Bobwhite (*Colinus virginianus*)—878; Ring-necked Pheasant (*Phasianus colchicus*)—6, stocked by Tennessee Game and Fish Commission; Turkey (*Meleagris gallopavo*)—8; American Coot (*Fulica americana*)—2; Killdeer (*Charadrius vociferus*)—78; Spotted Sandpiper (*Actitis macularia*)—2, transient; Least Sandpiper (*Calidris minutilla*)—8, transient, identified by Tom Finucane; Semipalmated Sandpiper (*Calidris pusillus*)—3, transient, identified by Fred Alsop, Morris Williams, and Chuck Nicholson; Rock Dove (*Columba livia*)—121; Mourning Dove (*Zenaidura macroura*)—908; Yellow-billed Cuckoo (*Coccyzus americanus*)—218; Black-billed Cuckoo (*C. erythrophthalmus*)—4; Screech Owl (*Otus asio*)—5; Great Horned Owl (*Bubo virginianus*)—5; Barred Owl (*Strix varia*)—3; Chuck-wills-widow (*Caprimulgus carolinensis*)—74; Whip-poor-will (*C. vociferus*)—99; Common Nighthawk (*Chordeiles minor*)—4; Chimney Swift (*Chaetura pelagica*)—311; Ruby-throated Hummingbird (*Archilochus colubris*)—13; Belted Kingfisher (*Megasceryle alcyon*)—65; Common Flicker (*Colaptes auratus*)—42, the low number when compared with that of the following species perhaps indicates some voice misidentifications between the two; Pileated Woodpecker (*Dryocopus pileatus*)—61; Red-bellied Woodpecker (*Centurus carolinus*)—247; Red-headed Woodpecker (*Melanerpes erythrocephalus*)—1, seen in Lawrenceburg by Martha Crawford; Hairy Woodpecker (*Dendrocopos villosus*)—10; Downy Woodpecker (*D. pubescens*)—76; Eastern Kingbird (*Tyrannus tyrannus*)—144; Great Crested Flycatcher (*Myiarchus crinitus*)—90; Eastern Phoebe (*Sayornis phoebe*)—72; Acadian Flycatcher (*Empidonax virescens*)—126; Eastern Wood Pewee (*Contopus virens*)—134; Horned Lark (*Eremophila alpestris*)—50; Tree Swallow (*Iridoprocne bicolor*)—2, transient; Rough-winged Swallow (*Stelgidopteryx ruficollis*)—54; Barn Swallow (*Hirundo rustica*)—838; Cliff Swallow (*Petrochelidon pyrrhonota*)—2, Fred Alsop and Don Simbeck, first reported nesting attempt by the species in Lawrence County, *vide* Morris Williams; Purple Martin (*Progne subis*)—122; Blue Jay (*Cyanocitta cristata*)—468; Common Crow (*Corvus brachyrhynchos*)—584; Carolina Chickadee (*Parus carolinensis*)—156; Tufted Titmouse (*P. bicolor*)—345; White-breasted Nuthatch (*Sitta carolinensis*)—5; Bewick's Wren (*Thryomanes bewickii*)—32; Carolina Wren (*T. ludovicianus*)—223; Mockingbird (*Mimus polyglottos*)—583; Gray Catbird (*Dumetella carolinensis*)—119; Brown Thrasher (*Toxostoma rufum*)—248; Robin (*Turdus migratorius*)—213; Wood Thrush (*Hylocichla mustelina*)

—178; Swainson's Thrush (*Catbarus ustulata*)—1, identified by Tom and Joe Imhof; Eastern Bluebird (*Sialia sialis*)—433; Blue-gray Gnatcatcher (*Poliophtila caerulea*)—177; Cedar Waxwing (*Bombycilla cedrorum*)—4, transient?; Loggerhead Shrike (*Lanius ludovicianus*)—132; Starling (*Sturnus vulgaris*)—675; White-eyed Vireo (*Vireo griseus*)—272; Yellow-throated Vireo (*V. flavifrons*)—23; Red-eyed Vireo (*V. olivaceus*)—213; Black-and-white Warbler (*Mniotilta varia*)—7; Prothonotary Warbler (*Protonotaria citrea*)—44; Worm-eating Warbler (*Helminthos vermivorus*)—7; Blue-winged Warbler (*Vermivora pinus*)—44; Northern Parula Warbler (*Parula americana*)—27; Yellow Warbler (*Dendroica petechia*)—10; Cerulean Warbler (*D. cerulea*)—24; Yellow-throated Warbler (*D. dominica*)—44, two pairs were located within hearing distance of each other, one alone a creek in Sycamores and the other feeding fledged young in the pines on the ridge above; Pine Warbler (*D. pinus*)—3; Prairie Warbler (*D. discolor*)—158; Ovenbird (*Seiurus aurocapillus*)—10; Louisiana Waterthrush (*S. motacilla*)—97; Kentucky Warbler (*Oporornis formosus*)—104; Common Yellowthroat (*Geothlypis trichas*)—344; Yellow-breasted Chat (*Icteria virens*)—512; Hooded Warbler (*Wilsonia citrina*)—30; American Redstart (*Setophaga ruticilla*)—16; House Sparrow (*Passer domesticus*)—664; Bobolink (*Dolichonyx oryzivorus*)—15, transient; Eastern Meadowlark (*Sturnella magna*)—1021; Red-winged Blackbird (*Agelaius phoeniceus*)—600; Orchard Oriole (*Icterus spurius*)—234; Common Grackle (*Quiscalus quiscula*)—1,343; Brown-headed Cowbird (*Molothrus ater*)—410; Scarlet Tanager (*Piranga olivacea*)—36; Summer Tanager (*P. rubra*)—154; Cardinal (*Cardinalis cardinalis*)—605; Rose-breasted Grosbeak (*Pheucticus ludovicianus*)—5, transient; Blue Grosbeak (*Guiraca caerulea*)—149; Indigo Bunting (*Passerina cyanea*)—1,192; Dickcissel (*Spiza americana*)—49; American Goldfinch (*Spinus tristis*)—76; Rufous-sided Towhee (*Pipilo erythrophthalmus*)—379; Grasshopper Sparrow (*Ammodramus savannarum*)—41; Lark Sparrow (*Chondestes grammacus*)—22; Bachman's Sparrow (*Aimophila aestivalis*)—6; Chipping Sparrow (*Spizella passerina*)—139; Field Sparrow (*S. pusilla*)—648; White-crowned Sparrow (*Zonotrichia leucophrys*)—2, transient; Morris Williams and Chuck Nicholson.

The 109 species of birds reported are represented by 19,573 observations plus two unidentified hawks. The 14 most common species, reported 500 or more times, were: Common Grackle (1,343), Indigo Bunting (1,192), Eastern Meadowlark (1,021), Mourning Dove (908), Bobwhite (878), Barn Swallow (838), Starling (675), House Sparrow (664), Field Sparrow (648), Cardinal (605), Red-winged Blackbird (600), Common Crow (584), Mockingbird (583), and Yellow-breasted Chat (512). The rural mood of the area's economic base is reflected in having its most abundant birds those of old fields, cultivated fields, brushy fence rows, and farm yards.

Several interesting, if not surprising discoveries were made during the course of the Foray. The Lark Sparrow was known to nest in Lawrence County prior to the Foray (Morris Williams, 1971. *The Migrant*, 42 (2):32), but this species was found to be much more numerous and widespread in the county than formerly suspected. The large number of singing Whip-poor-wills listed and the remarkable number of Scarlet Tanagers reported (several of which were seen as well as heard) make these two species, generally thought of as being more scarce at this latitude in this end of the State, interesting problems

in distribution that should have more field work carried forth on them. The fact that the White-eyed Vireo was reported more often than the Red-eyed Vireo perhaps reflects more time spent along the roadways where the former could be more easily detected by the observers than in the woodland haunts of the latter.

### THE BREEDING BIRD SURVEYS

Censuses over areas of known size were conducted to learn something of the density of the breeding bird population in Lawrence County. The major method used was the roadside count. In addition, strip counts were conducted over three plots and a fourth, using an automobile, was made over three miles of unimproved roadway.

*The Roadside Counts:* Ten roadside counts (Table 1) were conducted over six routes during the Foray. Each count began at 05:04 (CDT) and was run over a preselected route of 24.5 miles with the observer making stops of three minute duration each 0.5 mile and recording all birds detected during that counting period for each of the 50 stops. The census locations and the names of the observers executing them were: #1—CENTER POINT/IRON CITY; this run began at Center Point and ran westward thru Busby Switch and Westpoint and then southward terminating at the outskirts of Iron City. Route #1 was censused by Fred Alsop with Don Simbeck recording. Route #1a, the same as the above, was also censused by Noreen Smith. #2—WEST-POINT/HENRYVILLE; the route ran from the northwest outskirts of Westpoint northward thru Deerfield terminating on County 6312 southwest of Henryville. Route #2 was censused by Lloyd Clayton with Curtis Kingsberry recording. #2a, the same as the above, was run by Robbie Hassler. Route #3—NEW HAVEN/SUMMERTOWN; this route began at the junction of the Laurel Hill Lake road and U.S. 64 in New Haven and ran north thru the southeast corner of Lewis County and terminated at Summertown. This route was censused by George Mayfield. Route #4—FLATWOODS/MINT SPRINGS BRANCH; this circular route in the northeast corner of the county began at the Flatwoods crossroads and went north to County 6230 east of Henryville, curving back southeast to Weber City, continuing east and then south to Mint Springs near the Giles County line. Ken Dubke censused this route with Lil Dubke recording. Route #5—BONNERTOWN/SUGAR CREEK; the route began in Bonnertown, ran east to Appleton, north to Crossroads, east toward Fall River, and then curved north and finally northwest ending near Sugar Creek. Dr. James Tanner conducted the census and David Patterson recorded. Route #6—RASCAL TOWN/ST. JOSEPH; this route began on the county line just south of Rascal Town and ran northward to County 6205, east to Ramah, south to County 6232, and west to its termination on U.S. 43 just north of St. Joseph. Runs #6 and #6a were made by Tom Finucane over this route. Census #6b, also over the same route, was made by Morris Williams with Chuck Nicholson recording. Species totals for each of the ten censuses appear in Table 1. The Least Sandpipers and the Rose-breasted Grosbeaks are birds in transient, and the two White-crowned Sparrows are also either transients or wintering birds late in departing the County. The Cedar Waxwings are also thought to have no status as breeding birds in Lawrence County. The Cliff Swallow, found nesting under a bridge over Shoal Creek

TABLE I  
 BIRDS REPORTED ON 10 ROADSIDE COUNTS OVER 6 ROUTES.

SPECIES	Route	#3	#6	#6a	#1	#4	#2a	#1a	#6b	#5	TOTAL	
	NUMBER PER 50 STOP COUNT											
Green Heron		1	0	2	1	0	1	1	0	3	9	
Mallard		6	0	0	0	0	0	0	0	0	6	
Turkey Vulture		3	4	1	0	0	15	7	5	1	38	
Black Vulture		1	1	0	0	0	1	9	0	0	3	
Cooper's Hawk		1	0	0	0	0	0	0	0	0	1	
Red-tailed Hawk		0	0	1	0	0	0	2	0	2	5	
Red-shldr. Hawk		2	1	0	0	0	0	0	0	0	3	
Brd.-winged Hawk		0	2	0	0	2	0	2	0	0	6	
Sparrow Hawk		0	0	0	1	0	1	0	0	0	4	
Bobwhite		47	25	66	64	50	31	34	78	68	512	
Ring-nkd. Pheasant		4	0	0	0	0	0	1	0	0	5	
Turkey		7	0	0	0	0	0	0	0	0	7	
Killdeer		0	3	1	1	0	1	4	3	7	24	
Least Sandpiper		0	0	8	0	0	0	0	0	0	8	
Rock Dove		0	1	4	0	7	5	2	20	6	46	
Mourning Dove		78	31	52	50	53	31	52	63	49	43	502
Yellow-bl. Cuckoo		11	6	2	3	20	10	15	18	16	10	111
Black-bl. Cuckoo		0	0	0	2	1	0	0	0	0	3	
Gr. Horned Owl		0	0	0	0	0	1	2	0	0	3	
Chk-will's-widow		0	3	5	0	0	2	7	0	2	19	
Whip-poor-will		0	2	0	0	0	1	8	4	0	15	
Chimney Swift		3	5	7	4	16	5	4	15	23	12	94
R-t. Hummingbird		0	0	0	0	1	0	0	0	0	1	
Belt. Kingfisher		1	2	0	2	5	0	1	5	3	1	20
Common Flicker		3	3	0	1	2	1	0	5	3	0	18
Pileated Wpkr.		4	1	2	2	1	0	4	6	1	8	29
Red-bell. Wpkr.		6	10	12	15	24	13	2	10	23	8	123
Hairy Woodpkr.		0	0	0	1	0	3	0	0	0	0	4
Downy Woodpkr.		4	1	5	1	7	1	1	1	3	1	25
E. Kingbird		3	7	4	6	5	7	5	3	10	8	58
G. Crest. Flycthr.		8	5	3	3	4	2	2	1	3	4	35
E. Phoebe		0	1	1	0	7	3	1	2	1	4	20
Acadian Flycatcher		4	0	2	0	3	0	1	3	1	2	16
E. Wood Pewee		11	7	2	0	9	5	10	5	2	7	58
Horned Lark		0	3	1	1	1	1	1	0	3	6	17
Rough-wi. Swallow		4	1	0	0	1	2	0	1	0	0	9
Barn Swallow		22	20	9	13	69	29	18	50	22	45	297
Cliff Swallow		0	0	0	0	1	0	0	0	0	0	1
Purple Martin		6	2	0	0	0	5	2	5	3	10	33
Blue Jay		20	7	7	4	36	17	12	21	28	35	187
Common Crow		30	27	38	25	46	28	22	51	67	40	374
Car. Chickadee		2	3	1	6	7	1	2	1	1	4	28
Tuft. Titmouse		31	12	12	10	16	3	15	20	6	8	133
Bewick's Wren		4	0	1	4	0	6	5	0	2	0	22
Carolina Wren		12	1	5	18	36	10	8	11	7	5	113
Mockingbird		9	20	20	20	27	10	24	34	32	22	218
Gray Catbird		3	2	1	3	14	3	2	2	3	4	37
Brown Thrasher		8	17	7	2	6	12	21	6	12	10	101
Am. Robin		8	10	17	6	11	9	5	3	14	13	96
Wood Thrush		12	5	1	2	14	2	2	2	3	5	48
E. Bluebird		11	26	21	13	10	7	16	18	14	30	166
B.-g. Gnatcatcher		20	3	4	6	10	1	2	1	5	7	59
Cedar Waxwing		0	1	0	0	0	0	0	0	3	0	4
Logger. Shrike		2	4	2	1	1	11	4	2	10	9	46
Starling		24	17	11	15	82	22	46	40	20	15	292
Wh.-eyed Vireo		14	8	5	6	16	0	6	10	11	12	88
Yel.-th. Vireo		0	1	0	0	0	0	0	0	0	0	1
Red-eyed Vireo		7	3	5	7	12	1	2	6	3	4	50
B. & wh. Warbler		0	2	0	0	0	0	1	0	0	0	3
Prothon. Warbler		1	0	1	0	1	0	0	0	0	0	3
Blue-wg. Warbler		5	0	2	1	4	1	1	0	0	0	14
Yellow Warbler		0	0	0	2	1	0	1	0	0	0	4
Cerulean Warbler		1	0	1	0	0	0	0	1	0	0	3
Yel.-th. Warbler		2	0	2	0	0	0	0	0	0	0	4
Prairie Warbler		10	4	4	5	7	2	10	4	2	6	54

TABLE I (Cont.)

SPECIES	Route	#2	#3	#6	#6a	#1	#4	#2a	#1a	#6b	#5	TOTAL
	NUMBER PER 50 STOP COUNT											
Ovenbird		2	0	0	0	0	0	2	0	0	0	4
La. Waterthrush		0	1	3	0	0	0	1	2	0	0	7
Ky. Warbler		9	1	0	3	9	0	4	2	0	2	30
Com. Yellowthroat		17	13	18	11	32	14	20	17	22	28	192
Yel.-breast. Chat		36	17	25	19	37	17	15	29	37	26	258
Hooded Warbler		1	1	1	0	1	0	1	0	0	0	5
House Sparrow		2	9	17	9	28	40	22	53	16	23	209
Bobolink		0	15	0	0	0	0	0	0	0	0	15
E. Meadowlark		25	22	57	44	45	49	84	68	73	69	535
Red-wg. Bk. bird		14	20	16	16	17	37	30	48	37	24	259
Orchard Oriole		6	5	6	12	21	8	4	6	10	10	88
Common Grackle		31	31	45	39	135	44	36	30	95	180	666
Br.-hd. Cowbird		14	16	6	2	40	10	2	27	27	14	158
Scarlet Tanager		2	0	2	1	0	0	1	0	0	0	6
Summer Tanager		2	8	1	1	7	1	6	8	2	3	39
Cardinal		19	18	45	38	33	20	26	34	32	26	291
R.-bres. Grosbeak		0	0	1	0	0	0	1	0	1	0	3
Blue Grosbeak		0	5	4	4	7	5	10	0	8	6	49
Indigo Bunting		48	20	37	46	58	31	53	71	50	49	463
Dickcissel		0	0	2	3	1	8	0	0	2	1	17
Amer. Goldfinch		6	0	1	4	5	0	1	7	0	2	26
Ru.-sid. Towhee		32	15	11	6	43	15	14	13	12	20	181
Grasshopper Spar.		1	0	6	7	0	1	1	0	3	0	19
Lark Sparrow		0	0	0	0	0	1	3	0	0	0	4
Chipping Sparrow		4	3	7	7	17	4	6	1	5	8	62
Field Sparrow		22	24	20	32	42	31	25	34	53	44	327
Wh.-crowned Spar.		0	0	0	0	0	0	0	0	2	0	2

west of Chinabee, is the first known nesting record for that species in the County. Ninety-two species were recorded on the roadside counts.

*Strip Census using an Automobile:* George Mayfield made a strip census by driving over backroads and stopping every 0.1 mile for a total of 30 stops. As with the roadside counts above all birds seen and/or heard during each three minute stop were recorded. The count conducted in the Laurel Hill area along the Little Buffalo River began and ended in oak woods, ran mostly along the river habitats of tall timber, bluffs, and occasional abandoned fields. The results of the count with the numbers of individuals recorded in parenthesis follows: Turkey Vulture (2), Cooper's Hawk (1), Bobwhite (3), Turkey (1), Yellow-billed Cuckoo (3), Chuck-will's-widow (2), Whip-poor-will (3), Pileated Woodpecker (4), Red-bellied Woodpecker (3), Downy Woodpecker (2), Acadian Flycatcher (11), E. Wood Pewee (1), Blue Jay (6), Common Crow (10), Carolina Chickadee (6), Tufted Titmouse (11), White-breasted Nuthatch (1), Carolina Wren (5), Mockingbird (1), Blue-gray Gnatcatcher (13), White-eyed Vireo (11), Yellow-throated Vireo (2), Red-eyed Vireo (11), Prothonotary Warbler (2), Worm-eating Warbler (1), Blue-winged Warbler (9), Parula Warbler (5), Cerulean Warbler (2), Yellow-throated Warbler (1), Prairie Warbler (3), Louisiana Waterthrush (3), Kentucky Warbler (9), Common Yellowthroat (3), Yellow-breasted Chat (12), Hooded Warbler (6), American Redstart (8), Brown-headed Cowbird (8), Scarlet Tanager (1), Cardinal (15), Indigo Bunting (11), Rufous-sided Towhee (15), Chipping Sparrow (1), Field Sparrow (5).

*Strip Counts:* Three strip counts were conducted by pacing 100 steps through a selected habitat, stopping for three minutes and recording all the individual birds detected, and continuing this procedure in as straight a course

as possible for a minimum of 20 stops or until the type of habitat being censused changed significantly, whichever came first. Approximately one acre of ground is covered between stations and thus a crude index of density is obtained by this method.

Laurel Hills Wildlife Management Area: 28 May; 05:15-08:00; wind 0-2 mph; no cloud cover; strip along Artemis Lane; J. T. Tanner, observer; 20 stops: Red-shouldered Hawk (1), Bobwhite (8), Mourning Dove (3), Yellow-billed Cuckoo (10), Whip-poor-will (1), Pileated Woodpecker (5), Red-bellied Woodpecker (10), Downy Woodpecker (1), Great Crested Flycatcher (2), Acadian Flycatcher (7), E. Wood Pewee (4), Blue Jay (5), Common Crow (11), Carolina Chickadee (3), Tufted Titmouse (23), Carolina Wren (5), Wood Thrush (1), Blue-gray Gnatcatcher (2), White-eyed Vireo (5), Yellow-throated Vireo (2), Red-eyed Vireo (17), Cerulean Warbler (2), Yellow-throated Warbler (1), Ovenbird (4), Louisiana Waterthrush (1), Kentucky Warbler (5), Common Yellowthroat (3), Yellow-breasted Chat (3), Hooded Warbler (1), American Redstart (1), Common Grackle (1), Brown-headed Cowbird (5), Summer Tanager (6), Cardinal (9), Indigo Bunting (5), American Goldfinch (3), Rufous-sided Towhee (6), Field Sparrow (6).

Hood Road Area: Ten miles west of Lawrenceburg; Habitat; about equally divided between mixed deciduous woods, weedy fields, and rolling pasture with tall grasses; 29 May; 06:10-09:00; wind 5-10 mph; cloudy; Lloyd Clayton, observer; 24 stops. Turkey Vulture (1), Bobwhite (24), Mourning Dove (3), Yellow-billed Cuckoo (6), Chimney Swift (5), Belted Kingfisher (1), Pileated Woodpecker (6), Red-bellied Woodpecker (4), Downy Woodpecker (2), Eastern Kingbird (1), Acadian Flycatcher (4), E. Wood Pewee (5), Blue Jay (17), Common Crow (17), Carolina Chickadee (1), Tufted Titmouse (13), Carolina Wren (2), Mockingbird (6), Gray Catbird (1), Brown Thrasher (7), Wood Thrush (8), White-eyed Vireo (3), Black-and-white Warbler (1), Louisiana Waterthrush (1), Kentucky Warbler (1), Common Yellowthroat (5), Yellow-breasted Chat (24), E. Meadowlark (21), Orchard Oriole (1), Common Grackle (11), Brown-headed Cowbird (3), Scarlet Tanager (4), Summer Tanager (15)?, Cardinal (10), Blue Grosbeak (5), Indigo Bunting (9), Rufous-sided Towhee (7), Grasshopper Sparrow (2), Field Sparrow (31).

Caney Branch Woodlot one mile SSW of Loretto: habitat, oak-hickory woodlot with many trees exceeding 10 inches DBH; 29 May; 07:30-09:15; wind 3-8 mph; 90% overcast; F. J. Alsop, observer; 14 stops. Broad-winged Hawk (1), Mourning Dove (2), Yellow-billed Cuckoo (1), Red-bellied Woodpecker (3), Downy Woodpecker (2), Great Crested Flycatcher (2), Acadian Flycatcher (4), E. Wood Pewee (3), Blue Jay (14), Common Crow (1), Carolina Chickadee (3), Tufted Titmouse (10), White-breasted Nuthatch (1), Carolina Wren (1), Wood Thrush (7), Blue-gray Gnatcatcher (1), Yellow-throated Vireo (1), Red-eyed Vireo (2), Louisiana Waterthrush (3), Kentucky Warbler (2), Common Grackle (2), Brown-headed Cowbird (5), Scarlet Tanager (2), Cardinal (5), Rufous-sided Towhee (2).

#### BREEDING BIRD RECORDS THROUGH NEST LOCATION

All the Foray participants were alert in their quests to discover and record as many nests as possible during the Foray. Nests are not always easily found,

but 68 nests of 28 species were observed and nesting cards for the Cornell University nesting card program were completed for each. A summation of the breeding records thus gained are presented as follows:

NESTS FOUND DURING THE FORAY. E = eggs, Y = young. Red-tailed Hawk: 1 nest—1Y—MDW. Red-shouldered Hawk: 1 nest—2Y—MDW. Rock Dove: 2 nest—2E, 2E—DEP. Mourning Dove: 2 nest—2E—FJA, 2E—CPN. Ruby-throated Hummingbird: 1 nest—2Y—MDW. Belted Kingfisher: 1 nest—contents unknown—DWM. Downy Woodpecker: 2 nest—2Y, 1Y—FJA. Red-bellied Woodpecker: 2 nest—2Y, 1Y—FJA. Eastern Phoebe: 5 nest—4E—DWM, 4E, 4E, 4E—WLS, contents unknown—DEP. Acadian Flycatcher: 1 nest—building—RCH. Eastern Wood Pewee: 1 nest—building—DWM. Rough-winged Swallow: 1 nest—1Y—DWM. Barn Swallow: 5 nest—5Y, 3Y, 4Y, 4Y—DEP, 4E—WLS. Cliff Swallow: 1 nest—building—FJA. Bewick's Wren: 1 nest—6E—DEP. Brown Thrasher: 1 nest—3Y—DEP. Wood Thrush: 1 nest—building—DEP. Eastern Bluebird: 4 nest—4Y—RCH, 4Y—CPN, 1Y, 5E—DKS. Blue-gray Gnatcatcher: 1 nest—contents unknown—DEP. Loggerhead Shrike: 2 nest—1Y—DKS. Starling: 2 nest—1Y—FJA, 1Y—RCH. House Sparrow: 6 nest—1Y, 1Y, 1Y, 1Y, 1Y—FJA, contents unknown—LHD. Red-winged Blackbird: 16 nest—2E and 2Y, 4Y, 1E (abandoned), 4Y—FJA, 2E—MLB, 3E—DWM, 3Y, 4Y, 3Y, 3E, 4Y, 3E, 4E, 1E—CPN, 2Y and 1E, 2Y—DKS. Orchard Oriole: 2 nest—1Y—FJA, 2Y—DKS. Common Grackle: 3 nest—2Y and 1E, contents unknown, 4E—FJA. Cardinal: 1 nest—2E (abandoned)—MDW. Rufous-sided Towhee: 1 nest—4E—DEP. Field Sparrow: 2 nest—2E and 2Y—CPN, 4Y—MDW.

#### THE FORAY BIRD PROJECT

The Blue Grosbeak was selected as the Foray bird with the intent of recording as much information as possible as to the status of this bird in Lawrence County. The bird was found to be well represented in proper habitat throughout the County with 149 observations reported for the species. A County map was used during the Foray to plot locations of Blue Grosbeak sightings in order to attempt an estimate of the population density while avoiding duplication of the records. The bird was thus reported from 84 locations. Almost all the birds observed were males and the bulk of these were singing males. Many were first detected by their songs, but some by their conspicuous perches on fences and utility wires bordering the roadways. No nests were located.

Lee Shafer devoted some time to the study of this bird as a part of this Foray project and submitted this information: *Territory size*; 7 males observed seemed to hold an area of approximately 20 acres each. *Singing*; The males sang little, usually staying at a singing post less than 3 minutes. No females were seen to sing. *Nesting Activity*; No nests found. The one female flushed from likely nesting cover showed no excitement to a search of the area; neither did a male perched in a nearby tree. *Feeding*; One male was seen to feed on the young leaves in the top of a Sassafras tree. A male and one juvenile spent some time scratching in a sawdust pile, but examination did not reveal what, if anything, they were feeding upon. One male spent some time feeding in the company of a Horned Lark on the ground in a cotton field, but again, no insects, seeds, etc. to indicate just what was being consumed could be found.

## PARTICIPANTS

Fred J. Alsop, III (FJA)—Foray Director, Mike Bierly (MLB), Buffalo Chapter TOS, Helen Clayton, Lloyd Clayton, Martha Crawford, Ken Dubke, Lil Dubke (LHD), Tom Finucane, Katherine Goodpasture, Mrs. C. S. Harmon, David Hassler, Robbie Hassler (RCH), Tom Hull, Joe Imhof (Alabama), Tom Imhof (Alabama), Louise Jackson, Curtiss Kingsberry (Florida), Doris Kingsberry (Florida), Don Manning (DWM), Gina Manning, Becky Mayfield, Cleo Mayfield, George Mayfield, Mark Mayfield, Rad Mayfield, Chester McConnell, Chuck Nicholson (CPN), David Patterson (DEP), Gloria Patterson, Lee Shafer (WLS), Don Simbeck (DKS), Arlo Smith, Noreen Smith, James T. Tanner, Morris Williams (MDW)—Foray County Coordinator, Wiley Willis.

## ACKNOWLEDGMENTS

Our gratitude is expressed to the members and friends of the Buffalo River Chapter of TOS for all the groundwork which was done long before the Foray participants arrived in Lawrence County. Roadside counts had been established, maps of the county obtained, a meeting place arranged in the newest building in David Crockett State Park, publicity had been well taken care of and the countless small things that meant so much in assuring a successful Foray.

Our thanks, too, to the many top birders from across Tennessee, the Kingsberrys of Florida, and the Imhofs of Alabama, for once again working so hard in this labor of love to assemble this ornithological information on another area of our state not frequently visited by birders. One just has to be a part of one of these TOS Forays to realize some of the full meaning of birding, and birders, in Tennessee. See *You* at the next one?

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## PRESERVATION OF EARLY BIRD RECORDS

Alfred Clebsch, formerly of Clarksville, Tennessee, but now living in California, has conveyed to the Tennessee Ornithological Society some early records made in the Clarksville area. These include a list of the birds of Montgomery County made by William H. Deaderick in 1899, records of bird banding done by Mr. Clebsch and his friends from 1938 through 1941, and the minutes of the Clarksville Chapter of the T.O.S. from 1935 through 1940. The latter includes a tabular checklist of bird records for the years 1936 through 1940. The T.O.S. greatly appreciates the efforts of Mr. Clebsch in preserving these materials.

The records are now deposited in the Special Collection of the University of Tennessee Library at Knoxville. Here they are being cataloged and will be safeguarded and made available for future use. Material from other sources will be preserved in the same way to encourage the study of birds in Tennessee. Any person knowing of such materials is asked to communicate with the curator of the T.O.S., James T. Tanner, Route 28, Box 155, Knoxville, Tennessee 37920.

## THE 1973 CHRISTMAS BIRD COUNTS

MORRIS D. WILLIAMS

Twenty-two counts across the state yielded a total of 127 species during the forty-third annual Christmas Bird Count in Tennessee. The total, although high, is less than that of the past two years.

In addition to the species recorded on the counts, two unusual species were reported during the count period: Western Grebe at Reelfoot and Black-headed Grosbeak at Murfreesboro. These birds are believed to represent the second state records of their respective species.

The number of Red-headed Woodpeckers was high; one hundred and sixty-six birds this year compared to 62 last year. Oldsquaws appeared on four counts. Tree Sparrows appeared on seven counts for a total of 133 birds compared to 4 birds last year.

Two counts, Buffalo River (Lawrence County) and Springfield, appear in *The Migrant* for the first time.

Information regarding the identification of certain unusual species is retained in the files of the editor of this section. Space limitations preclude their publication. Unfortunately, some records were unacceptable because details of the observations were not submitted.

The counts are tabulated as they occur from west to east across the state.

## INFORMATION ON THE COUNTS

MEMPHIS—16 Dec.; 07:00 to 16:30; light snow to 10:30, mostly cloudy afterwards; temp. 32° to 37°; wind N, 10-20 m.p.h.; 22 observers in 8 parties; 60 party-hours (40 on foot, 20 by car); 143 party-miles (42 on foot, 101 by car).

Lula and Ben Coffey (compilers—672 N. Belvedere, Memphis 38107), Fred Dickson, Helen and Henry Dinkelspiel, Jack Embury, John L. Johnson, Lee R. Johnson, Edward M. King, Allan R. Larrabee, Robert W. McGowan, Nelle Moore, George Payne, Jr., Ella Ragland, Ernest Restivo, Richard G. Taylor, Alice Smith, Arlo I. and Noreen Smith, Martha Waldron, Wendell L. Whittemore, Rose Wooldridge.

REELFOOT—22 Dec.; 06:30 to 16:30; overcast; temp. 20° to 49°; wind NE, 0-10 m.p.h.; 35½ party-hours (13½ on foot, 20 by car, 1 by boat); 216 NE, 0-10 m.p.h.; 35 party-hours (13 on foot, 20½ by car, 1½ by boat); 216 party-miles (11 on foot, 201 by car, 11 by boat).

Cattle Egret by Hogg and Poitevint. Fish Crows by Gina Manning, identified by call. Longspurs by Coffey party.

Seen in area during week preceding count: Western Grebe, Golden Eagle, American Woodcock, Turkey, and Vesper Sparrow.

## THE 1973 CHRISTMAS SEASON BIRD COUNTS

	Memp	Reelf	Savan	Dozer	Clark	Buffa	Colum	Nashv	Sprin	Hicko	Murfri	Leban	Cooke	Chart	HAWs	Norri	Knob	GSMNP	Green	Kings	Eliza	Brf:c
Date of Count: (all Dec., 1973)	16	22	23	16	22	27	28	29	30	21	29	21	28	16	24	30	16	30	23	29	15	29
Species:																						
Common Loon	--	--	9	2	--	--	--	--	--	2	--	--	--	--	--	1	3	--	--	3	1	1
Horned Grebe	--	--	8	--	--	2	--	--	--	156	--	4	--	2	2	--	--	--	--	--	8	5
Pied-billed Grebe	5	3	1	1	8	--	4	8	--	19	--	1	6	1	1	20	--	--	--	24	10	3
Dbl.-cr. Cormorant	--	--	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--
Great Blue Heron	1	2	--	39	4	--	5	1	--	13	--	26	--	--	82	7	51	--	--	7	--	9
Cattle Egret	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Great Egret	--	--	115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bl.-cr. Night Heron	--	--	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--
Whistling Swam	--	--	--	--	--	--	--	1	--	--	--	2	--	--	--	--	--	--	--	--	--	--
Canada Goose	--	1,900	--	4,800	n	--	2	--	--	139	--	64	--	129	265	1	67	--	--	--	--	--
Snow Goose	--	75	--	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mallard	20	634	2	254	12	4	66	--	--	302	--	5,414	--	8	403	1	8	--	15	335	53	29
Hack Duck	--	6,000	3	3,000	2	--	16	--	--	9	--	2,500	--	15	120	--	29	--	--	306	4	1
Cadwall	--	8,500	--	250	10	--	23	1	--	2	--	500	--	1	15	--	--	--	--	4	--	--
Pintail	--	1,800	--	23	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--
Green-winged Teal	--	400	--	2	--	--	8	--	--	7	--	750	--	--	--	36	--	--	--	--	--	--
Blue-winged Teal	--	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	42	--	--	--	--	--
Am. Wigeon	--	8,000	5	126	1	--	--	--	--	35	--	2,900	--	--	--	1	--	--	--	--	16	--
No. Shoveler	--	50	--	2	--	--	3	--	--	3	--	1	--	--	--	--	--	--	--	--	--	--
Wood Duck	12	75	--	6	2	--	1	--	--	3	--	2	--	6	--	--	1	--	1	4	8	--
Redhead	--	50	--	9	--	--	--	--	--	--	--	100	--	3	--	--	4	--	--	--	--	--
Ring-necked Duck	--	3,500	--	13	2	1	96	24	--	--	250	--	--	10	96	4	--	--	--	200	70	--
Canvasback	--	50	--	12	--	--	--	5	--	5	--	--	--	3	--	21	--	--	--	2	--	--
Scaup (sp.)	--	--	--	--	--	--	--	--	--	1	--	--	--	47	--	--	--	--	--	--	--	--
Lesser Scaup	2	200	70	50	--	--	43	165	--	24	--	--	--	--	--	--	2	--	--	--	10	--
Com. Goldeneye	6	75	6	--	1	--	--	49	--	42	--	--	--	3	--	--	2	--	--	--	--	--
Bufflehead	--	75	14	--	--	--	--	42	--	11	--	--	--	--	22	25	5	--	--	--	133	--
Oldsquaw	--	--	1	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	7	--
Ruddy Duck	--	2,000	--	--	--	1	1	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--
Hooded Merganser	8	200	--	85	--	--	--	--	--	16	--	--	--	--	6	4	11	--	--	--	--	--
Com. Merganser	--	75	1	--	--	--	--	--	--	--	--	--	--	--	10	--	1	--	--	--	--	--
Red-br. Merganser	--	--	--	--	--	--	--	--	--	2	--	--	--	--	--	5	--	--	--	--	--	--
Turkey Vulture	--	--	7	4	12	43	2	9	--	1	--	--	2	--	--	3	--	13	--	--	--	--
Black Vulture	--	1	2	160	7	3	125	29	--	--	--	1	--	--	--	--	--	--	--	--	--	--
Sharp-sh. Hawk	--	--	--	--	--	1	--	--	--	--	--	1	--	--	--	1	--	--	--	--	1	--
Cooper's Hawk	--	--	--	--	--	--	--	--	--	--	--	1	1	--	--	--	--	--	--	2	1	--
Red-tailed Hawk	22	19	5	5	16	18	9	14	14	10	--	4	5	21	5	2	4	9	1	1	1	2
Red-sh. Hawk	--	5	2	--	3	4	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--
Bald Eagle	--	66	1	1	--	--	--	--	--	--	--	--	--	--	1	3	--	--	--	--	--	1
Marsh Hawk	1	15	2	5	--	4	1	2	3	--	2	1	--	1	2	--	--	--	--	--	--	--

	Memp'h	Beall	Savan	Dover	Clark	Buffa	Colum	Nashv	Sprin	Micko	Murfr	Leban	Cooke	Chatt	Hiwas	Norri	Knox	GHNP	Green	Kings	Eliza	Briar	
Osprey																							
Sparrow Hawk	11	7	7	4	23	10	10	35	54	23	16	17	11	11	5	1	13	1		5	3	10	
Ruffed Grouse																					8	1	
Bobwhite	79	16	15	20	131	34	33	42	28	127		1	35	15	32	45	63	10	13	37	8	13	
King-necked Pheas.																							
American Coot	3,000	97	6				550	118		180	8	20		27	5		382				18	2	
Killdeer	48	23	17	22	43	74	9	64	11	27	3	14	9	49	60	21	55		3	36	54	1	
American Woodcock	1						1						3	1	6								
Common Snipe	31	11	8		19	10	4	7	17	2		4		9	37		15				8	2	
Least Sandpiper							3								2								
Swain																							
Herring Gull		50	28	4											153								
Ring-billed Gull	3	400	58	36	1					72		2		57	2		98				3		
Honaparto's Gull		4								55				35			36						
Rock Dove		2	4	2	7		15	51	121	31		28	10	28		1	140		2	135	2	3	
Mourning Dove	130	92	116	219	172	160	122	228	254	40	26	105	88	178	65	47	577	32	28	351	27	201	
Barn Owl												1											
Screech Owl		1		1	2	1	6	3	3	3		2	2		3		3				5	1	
Great Horned Owl							4		2			2			1		2				1		
Barred Owl	3	4	1		1			1	1			1											
Short-eared Owl		1																					
Belted Kingfisher		4	5	6	7	11	7	18	6	15													
Common Flicker	140	65	32	9	34	54	13	46	33	14	9	13		26	4	6	21	5	3	4	10	5	
Pileated Woodpecker	5	13	3	3	24	8	12	33	6	10		7	9	3	2	6	4	14	3	8	8	4	
Red-bell. Woodpecker	56	37	19	14	78	28	27	84	48	9	4	15	6	18	9		13	5	9	33	1	7	
Red-bell. Woodpecker	8	73	3	2	7	21		10	18			7	13								1	1	
Vol.-bel. Sapsucker	27	41	5	2	10	5	5	15	35	3	6	10		7			8			5	2	3	
Hairy Woodpecker	7	5	3	2	15	8	7	15	10	3	1	9	6	1			3	6	11	3	3	1	
Downy Woodpecker	16	23	11	8	67	42	28	83	19	27	12	29	17	21	5	11	39	40	8	17	31	17	
Eastern Phoebe		2		1	2	1		4					2		2		4	22		2	1	3	
Horned Lark	78	377	125		13	48	6	29	25	54		20			25		6						
Blue Jay	241	70	49	46	318	280	44	194	199	81	59	136	123	112	26	22	188	70	17	80	56	77	
Common Raven																							
Common Crow	29	135	85	138	173	375	73	237	94	337	29	75	63	263	310	70	233	197	46	82	237	115	
Fish Crow																							
Blk.-cap. Chickadee																							
Carolina Chickadee																							
Tufted Titmouse	86	37	33	5	141	111	79	222	84	94	46	113	37	88	39	60	104			31	100	117	99
White-br. Nuthatch	41	36	29	11	89	107	69	144	66	29	16	59	48	74	23	30	46	179	23	41	91	45	
Red-br. Nuthatch	1	2	4		12	2	1	10	3	1			17	17		3	5	56	1	18	45	7	
Red-br. Nuthatch	2	1							1														
Brown Creeper	7	4	2		3	8	1	2		5		1		3		1	4	11			5	6	
House Wren																							
Winter Wren	11	7	1	1				5		7		2		1		1	1	14			7	4	2
Woodcock's Wren								3		1	1	2											
Carolina Wren	71	55	35	6	49	45	17	111	34	47	8	11	12	55	10	23	73	78	10		43	75	25

	Memph.	Reelfoot	Savann.	Dover	Clark	Buffa	Colum.	Rushy	Spin	Hicko.	Murfr.	Leban.	Cooke	Chatt.	Hilwas	Norris	Knoxv.	CSBSP	Green	Kings	Elizac.	Brist.
Mockingbird	110	26	21	5	122	62	18	145	75	89	44	75	26	85	10	30	116	20	17	32	26	62
Brown Thrasher	30	6	5	1	5	3	2	2	3	3	1	6	8	4	2	1	5	5	1	4	2	1
Robin	794	28	55	4	21	91	10	66	1	21	4	7	6	18	--	13	81	52	5	60	1	1
Hermit Thrush	13	10	6	2	5	6	3	3	--	--	--	2	--	--	--	1	1	13	--	--	1	--
Eastern Bluebird	--	4	10	65	84	21	37	19	25	3	18	20	29	18	35	4	21	5	42	16	6	0
Goldens-cr. Kinglet	22	8	43	2	8	23	1	3	1	11	--	3	--	32	13	7	42	105	1	29	52	9
Roby-cr. Kinglet	28	29	15	3	1	4	--	--	--	--	3	10	--	43	9	21	10	8	--	5	9	1
Bay Breasted Warbler	--	45	77	--	5	21	--	--	--	--	1	3	--	6	--	--	--	--	--	--	--	--
Cedar Waxwing	310	10	65	--	--	64	--	19	10	--	--	--	--	--	--	105	--	--	--	15	14	--
Loggerhead Shrike	8	12	8	2	14	30	4	18	17	31	1	11	4	3	4	2	5	4	2	3	3	2
Starling	3,620	500R	141	63	15R	3,781	587	1,638	600R	10,462	778	1,161	--	1,742	140	937	1,631	141	147	2,052	3,224	4,200
Orange-cr. Warbler	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Yel.-rumped Warbler	36	41	3	3	5	--	2	24	--	7	--	14	--	1	2	20	22	5	10	5	1	7
Pine Warbler	2	--	1	--	--	--	--	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--
Palm Warbler	--	--	--	--	--	1	--	--	1	--	--	--	--	--	--	2	--	--	--	--	--	--
House Sparrow	213	323	--	12	106	32	95	160	654	112	388	128	61	194	--	56	98	40	40	79	353	350
Eastern Meadowlark	326	112	86	107	384	342	156	263	280	79	41	123	63	141	90	7	346	62	18	47	60	49
Red-wing Blackbird	25,220	750R	1,295	166	187	4,894	3,800	27	874	2	287	35	--	477	220	--	315	4	75	4	7	--
Rusty Blackbird	54	7	52	--	7	27	101	11	153	7	--	81	8	21	1	--	38	--	--	--	--	--
Brewers Blackbird	--	--	--	--	--	7	--	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Common Grackle	7,510	225R	3,130	383	3,000	10,200	13,500	14	350R	70	38	18	500	7	--	3	96	5	15	42	10	1,250
Brown-hd. Cowbird	366	100R	15	17	129	270	210	199	50R	5	--	200	122	--	500	--	47	--	--	--	--	12
Cardinal	568	177	120	214	540	288	147	623	480	374	254	709	90	128	87	100	225	243	48	118	123	179
Evening Grosbeak	--	--	--	--	3	--	--	--	--	--	3	--	26	6	1	11	1	1	489	--	7	33
Purple Finch	77	3	1	--	43	23	39	53	26	16	100	106	44	33	17	65	44	51	16	16	10	42
Pine Siskin	--	2	--	--	--	--	--	132	--	--	1	--	--	41	--	--	--	11	380	--	3	3
Red-bellied Nuthatch	134	59	20	41	159	70	108	252	126	44	37	122	28	166	48	9	82	67	4	21	91	67
Blue Jay	1,000	311	11	17	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Red-shouldered Towhee	83	5	30	20	123	109	80	125	30	69	65	54	60	69	17	30	97	33	11	25	21	18
Savannah Sparrow	160	105	2	--	--	10	3	29	3	14	--	--	--	9	44	--	3	--	--	--	--	--
Leconte's Sparrow	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vesper Sparrow	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dark-eyed Junco	3,114	646	98	222	311	413	321	327	318	209	46	674	70	145	125	30	129	244	27	75	192	75
Tree Sparrow	--	--	--	--	24	3	--	2	6	21	--	--	--	--	--	--	--	--	--	--	--	--
Chipping Sparrow	--	--	--	--	--	1	--	2	--	--	--	--	1	--	--	--	--	--	--	--	1	3
Field Sparrow	76	102	37	2	57	387	205	327	361	149	32	358	47	8	75	96	122	107	7	88	42	65
White-cr. Sparrow	5	27	--	3	22	15	14	47	93	5	33	100	--	15	3	--	--	--	16	25	5	13
White-th. Sparrow	3,371	881	141	27	211	374	87	376	87	146	22	101	114	721	175	217	778	211	34	146	204	70
Fox Sparrow	68	14	9	5	18	2	22	6	3	5	5	25	--	12	1	--	2	3	1	1	1	5
Swamp Sparrow	221	125	21	9	26	53	44	21	8	85	--	75	--	18	85	--	30	9	4	--	1	--
Song Sparrow	267	201	73	19	78	217	105	288	100	271	22	291	6	380	100	74	269	132	22	94	123	91
Lapland Longspur	--	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
No. of Species	65	92	74	74	71	67	72	72	72	57	38	78	45	73	67	54	79	53	44	69	74	59

N = 1,000

\* Includes some Carolina Chickadees

Twenty-six of the sixty-six bald eagles were immatures. Thirty-five of the Snow Geese were of the blue morph.

Ben and Lula Coffey, George Hervey, Guy Hogg, John Johnson, Gerald Ledbetter, Don and Gina Manning (compilers—103 Stonewall Circle, McKenzie 38201), Jean Markham, Howard Poitevint, Bettie Sumara.

SAVANNAH—23 Dec.; all day; 100% overcast, temp. 42° to 52°; wind S, 5-15 m.p.h.; two parties; 20 party hours; 90 party-miles.

Egrets were in two flocks flying over.

Lloyd C. Clayton, David E. Patterson (compiler—Harbert Hills Academy, Savannah 38372), Michael Patterson, Morris D. Williams.

DOVER—16 Dec.; 06:30 to 17:00; light snow most of day; temp. 22° to 30°; two parties; 18 party-hours; 130 party-miles (3 on foot, 127 by car).

James and Susan Chiles, Tony Mahoney, Millie Perry, Dianne Sexton, John W. Sexton (compiler—Route 1, Dover 37058), Jack Sites, Nathan Snyder.

CLARKSVILLE—22 Dec.; 06:30 to 17:00; partly cloudy most of day, brief clearing at noon; temp. 13° to 33°; wind W, 5-15 m.p.h.; 22 observers in 5 parties; 48 party hours (25 on foot, 23 by car); 306 party-miles (33 on foot, 273 by car).

Joe Allen, David Chiles, Adney Cross, Michael Dinsmore, Mike Filson, Floyd Ford, Don and Kay Harker, Nita Heilman, Ellen Hutchison (organizer of feeder counts), Ray Kutzman, Kathy Lee, Tony Mahoney, Millie Perry, Jack Sites, Jr., David Snyder (compiler—Austin Peay St. Univ., Clarksville 37040), Juanita Snyder, Mary Ann Stephens, Joe and Carol Wallace, Peggy Wallen, Juaquin Walling, Barbara Wilbur.

Additional Feeder Observers: Bill Baldwins, Lois Bousman, Carlos Brewers, Juanita Harris, E. L. Hensons, William Lyles, Jim Nixon, Waldo Rassases, Louise Roach, Woodrow Walkers, Priscilla Weathersby.

BUFFALO RIVER—27 Dec.; 06:00 to 18:00; clear to partly cloudy a.m., cloudy p.m.; wind SW, 10-15 m.p.h.; temp. 40° to 50°. 9 observers in 4 parties; 48 party-hours (25 on foot, 23 by car); 177 party-miles (24 on foot, 153 by car). County centered at Deerfield on US Highway 64 in Western Lawrence County.

Seen in area count week but not on count day: Pied-billed Grebe, Ring-necked Pheasant.

Lloyd Clayton (compiler—Route 4, Lawrenceburg 38464), Bill Davis, Dave Ihrie, Chester McConnel, David Patterson, Michael Patterson, Don Simbeck, Morris Williams.

COLUMBIA—28 Dec.; partly cloudy; temp. 28° to 50°; wind W, 5-15 m.p.h.; 4 observers in 2 parties plus 4 feeder observers; 16½ party-hours (9 on foot, 7 by car, ½ by plane); 268 party-miles (8 on foot, 200 by car, 60 by plane).

Seen during count period but not on count day: Pintail, Turkey Vulture, Eastern Phoebe, Cedar Waxwing, Evening Grosbeak.

Barbara Finney, William Fuqua, Rachel Garrett, Daniel Gray, III, Lyle Hampton, Louise Hardison, George Mayfield, Jr. (compiler—Maury County Hospital, Columbia 38401), Rad Mayfield, III.

NASHVILLE—29 Dec.; 05:45 to 17:00; partly cloudy, intermittent rain; temp. 32° to 62°; wind WNW, 5-29 m.p.h.; 38 observers in 8 parties; 77 party-hours (28 on foot, 49 by car); 196 party-miles (27 on foot, 169 by car).

In count area count week but not seen count day: Snow Goose, Ring-necked Pheasant, White-breasted Nuthatch, Cedar Waxwing.

Frances Abernathy, Clyde and Vivian Anderson, Sue Bell, Michael Bierly, John Brevard, Ruth Castles, Annella Creech, Milbrey Dugger, Mrs. Nelson Elam, John and Evelyn Ellis, Clara Fentress, Bill and Sally Fintel, Dianne Gallimore, Katherine Goodpasture, Ben Groce, John Herbert, Louise Jackson, Barry Jones, Margaret Mann, Randy Martin, Ann Nichols, Mr. and Mrs. Oscar Patrick, Charles Percival, Mrs. W. A. Puryear, Win Shaughnessy (compiler—6413 Currywood Dr., Nashville 37205), Pat Stallings, Anna Sulser, Ann Tarbell, L. O. Trabue, Mr. and Mrs. W. J. Vaughn, Mr. and Mrs. George Woodring, Virginia Workman.

SPRINGFIELD—30 Dec.; 05:15 to 18:15; mostly cloudy; temp. 26° to 38°; wind SE, 3-10 m.p.h.; 5 parties; 45 party-hours (16 on foot, 23 by car); 6 feeder hours; 223 party-miles (14 on foot, 209 by car), center 36° 30' N; 86° 52' W., .5 mile east of US 41 on Industrial Drive.

Mike Bierly, Ann Boyd, Lance Bracy, Georgia Doss, James Holt (compiler—Box 250, Springfield), Margaret Mann, Bob Ralph, Charles Ralph, Pat Stallings, Odis and Betty Swallows, Sr.

Feeder observers: Mrs. John R. Dunn, Mrs. Joe Gunn, Dr. and Mrs. Dan Holt.

HICKORY-PRIEST—22 Dec.; 05:15 to 17:15; cloudy to clear; temp. 10° to 38°; wind SSE, 4 to 13 m.p.h.; snow cover  $\frac{1}{2}$  in. to 1 in.; 10 observers in 5 parties; 3 feeder observers; 48 party-hours (20 on foot, 28 by car); 234 party-miles (16 on foot, 218 by car).

Vivian Anderson, Michael Bierly, Dot Crawford, Paul Crawford (compiler—Route 4, Gallatin 37066), Annella Creech, Milbrey Dugger, Bill and Sally Fintel, Katherine Goodpasture, Carol Knauth, Margaret Mann, Pat Stallings, Ann Tarbell.

MURFREESBORO—29 Dec.; 07:00 to 15:00; overcast, intermittent rain with light to heavy showers; streams swollen; winds to 30 m.p.h.; 16 observers in 8 parties; 14 feeder observers; 80 party-miles (20 on foot, 60 by car). Center Broad St. and Main, Murfreesboro.

Seen in area count week but not on count day: Black-headed Grosbeak.

Bertha Chrietberg, Dr. Patrick Doyle, Lou Erwin, Mr. and Mrs. Monty Halcomb, Edith Hayes, Anne Hetish (compiler—1018 Lawndale, Murfreesboro

37130), Margaret Hibbett, Dr. and Mrs. Paul Hutcheson, Linda Johnson, Rebecca Jones, Mr. and Mrs. Sam Lane, Pat Martin, Mr. and Mrs. Larry McFarlin, Mr. and Mrs. Steve McKnight, Ruth McMillan, Clarice Miller, Dr. and Mrs. Eugene Odum, Elizabeth Pendleton, Alberta Spence, Mr. and Mrs. C. B. Stedman, Frances Vaughn, Mr. and Mrs. Floyd Wilson.

LEBANON—22 Dec.; 05:30 to 23:30; mostly clear; temp. 10° to 37°; wind W, 5-10 m.p.h.; snow cover 1 in. to 2 in.; 34 observers, 6 parties, 12 individuals, 22 feeder observers; 42 party-hours (17 on foot, 25 by car), 57 feeder-hours; 315 party-miles (22 on foot, 293 by car).

Carine Bain, Earlene Berry, Dr. and Mrs. Sidney Berry, Madalyn Bertoville, Sue Banton, Lucille Chambers, Mr. and Mrs. Clay Couch, Bobby Gamble, Mildred Gaston, Mrs. Henry Hall, Myrtle Hobbs, Mrs. Ernest Jackson, Glen Johnson, Marjorie Loyd, Reed McKee, Mr. and Mrs. Byran Paul, Douglas Pelren, Ray Pope, Nina Reed, Betsy Sellars, Mrs. Clyde Sellars, Mr. and Mrs. John Sellars, Rev. William Senter (compiler—313 West Hills Dr., Lebanon 37087), Mr. and Mrs. William Smith, George Suddarth, Teresa Waters, Mrs. William Welty, Mary Wharton, Dr. and Mrs. Dean Wilkinson.

COOKEVILLE—28 Dec.; 07:00 to 17:00; temp. 40° to 60°; windy.

Beulah Clark, Dr. and Mrs. J. O. Cummins, Caprice Haile, Raymond D. High, D. D. Hinds, Roy T. Hinds, Mr. and Mrs. Frazier Jaques, Amy Johnson, Elizabeth Killifer, Mr. and Mrs. T. B. Link, Dr. and Mrs. Sidney McGee, Mrs. J. T. Moore, Sr., Miser R. Richmond (compiler—519 N. Jefferson Ave., Cookeville 38501), Thelma Tinnon, F. R. Toline.

CHATTANOOGA—16 Dec.; temp. 29° to 38°; clear; wind N, 15-25 m.p.h.; 27 observers in 9 parties; 6 feeder observers; 74 party-hours (40 on foot, 34 by car); 770 party-miles (29 on foot, 741 by car).

Frank and Kay Baisden, Jim and Frances Barnwell, Gary and Christine Bayne, Wilbur K. Butts, Campbell and Edie Carden, Cecil and Jane Clark, Elizabeth Davis, Carl Drover, Ken and Lil Dubke, Edith Fenn, J. R. Freeman, Ann Gibson, Tom B. Heyes, Frank Hixon (compiler—6112-A Colony Circle, Hixon 37343), Gloria Hixon, Daniel Jacobson, Daniel Knarr, Max Ley, David Qualls, Vita Slinger, Eugene Tremmer.

HIWASSEE—24 Dec.; 07:00 to 19:00; fog in a.m., clear in p.m.; temp. 28° to 45°; wind in p.m. 15 m.p.h.; 8 observers in 3 parties; 21 party-hours (17 on foot, 4 by car); 79 party-miles (19 by foot, 60 by car).

Gary and Christine Bayne, Jon and Nancy DeVore, Kenneth H. and Lillian Dubke (compilers—Apt. 1, 720 Bacon Trail, Chattanooga 37412), Jon Gibson, Daniel Knarr.

NORRIS—30 Dec.; overcast; temp. 30° to 41°; wind 0 to 5 m.p.h.

Joan Hammer (compiler).

KNOXVILLE—16 Dec.; 06:30 to 17:00; overcast, drizzling rain to light snow; temp. 28° to 41°; wind N, 5 to 12 m.p.h.; 13 observers in 9 parties; 91 party-hours (56 on foot, 35 by car); 499 party-miles (42 on foot, 457 by car).

James M. Campbell, John Elson, J. C. Howell, Chester Massey, Terry McGown, Gary Muffly, Charles P. Nicholson, Holly Overton, Paul Pardue, Johneta and Louis Smith, James T. Tanner (compiler—Rt. 28, Box 155, Knoxville 37920).

GREAT SMOKY MOUNTAINS—30 Dec.; 06:30 to 17:30; clear to partly cloudy; temp. 31° to 60°; wind 1 to 24 m.p.h.; 34 observers in 12 parties; 5 feeder observers; 110 party-hours (48 on foot, 27 by car, 35 at feeders); 272 party-miles (54 on foot, 218 by car).

Winnifred Brown, James M. Campbell, Glenn Cardwell, Nancy Clark, Mary Francis Davidson, Don DeFoe (compiler—GSMNP Headquarters, Gatlinburg 37738), Jay DeFoe, Lori DeFoe, Shirley DeFoe, James Dingwall, Mildred Garrison, David Hassler, Robbie Hassler, Eleanor Massey, Morton Massey, Terry McGown, Cynthia Muffly, Gary Muffly, Muriel Monroe, Louise Nunnally, J. B. Owen, Paul Pardue, Pauline Ryder, Boyd Sharp, Jr., Mary Sharp, Nape Shelton, Johneta Smith, Louis Smith, Arthur Stupka, Margaret Stupka, George Wood, Hedy Wood, Bill Williams, Irene Williams, Dick Zani.

GREENEVILLE—23 Dec.; 08:00 to 17:00; overcast, snow cover 90% in a.m.; temp. 28° to 42°; wind 0-2 m.p.h.

Mr. and Mrs. Richard Nevius (compilers—Greeneville 37743), Dr. and Mrs. Richard Sievert, Dr. and Mrs. Royal Spees, Karl Spees.

KINGSPORT—29 Dec.; 07:00 to 16:30; cloudy to overcast, light rains to thunderstorms with heavy rains; temp. 30° to 47°; wind NW, 0 to 18 m.p.h.; 11 parties; 50 party-hours; 124 party-miles.

Hattie and Roy Allen, Tony Baird, Tom Bowman, Charlotte and Tom Finucane (compiler—1434 Watauga St., Kingsport 37664), Jeff Francisco, Tom Gannaway, Ed Gift, John Pierce, Mary Mayne Ramsey, Eugene Scott, Arthur Smith, Ann Switzer, Howard Young.

ELIZABETHTON—15 Dec.; 07:00 to 17:00; cloudy in a.m., heavy overcast and light showers in p.m.; temp. 30° to 39°; no wind; 13 observers in 7 parties; 59 party-hours (29 on foot, 20 by car, 10 by boat); 213 party-miles (24 on foot, 174 by car, 15 by boat).

Fred Behrend, Joy Dillenbeck, Glen D. Eller (compiler—Route 3, Grandview Terrace, Elizabethton 37643), Sally Goodin, Dr. and Mrs. Lee Herndon, Dr. and Mrs. Dick Lura, John Martin, Pete Range, Mr. and Mrs. Tommy Swindell, Dr. Gary Wallace.

BRISTOL—29 Dec.; 08:00 to 17:00; overcast, intermittent rain; temp. 33° to 48°; wind NE, 5 to 10 m.p.h.; 13 observers in 7 parties; 5 feeder observers; 299 party-miles (16 on foot, 238 by car, 45 by boat).

Judy Abbott, Rockwell Bingham (compiler—216 Melody Lane, Bristol 37620), Rosemary Bingham, Mrs. W. W. Case, Wallace Coffey, Lelia Epperson, Kenneth Hale, Joseph Jackson, David McPeak, Conrad Ottenfield, Helen Ottenfield, H. E. Reynolds, Mary Smith, Thomas C. Smith, Enno VanGelder, Roger VanGelder, Dianne Wilson, D. W. Yambert.

## ROUND TABLE NOTES

THE BREEDING OF HAWAIIAN GEESE IN THE SOUTH—I have been advised by several waterfowl experts that our results in breeding Nenes (Hawaiian Goose *Branta sandvicensis*) this past season are considered to be a record, and that other aviculturists would be interested in our methods.

I consider myself to be a novice, although I have kept waterfowl of various kinds since childhood. I became interested in Nenes several years ago and began to study their history, habits, etc. While on business trips, I visited the Pohakuloa Breeding Station in Hawaii and also the Wildfowl Trust in England in order to learn more about these wonderful birds. After several years, I was able to obtain a pair of yearling birds, the male coming from one source, the female from another.

I will digress for a moment to describe the geographical area in which I live (Central Tennessee), and our physical facilities. This is an area of moderate winter climate, although we do experience a great deal of sub-freezing temperatures with several days when the thermometer goes down to zero or below. Our birds are housed in a converted poultry house, which has both indoor and outdoor pens. The indoor pen has a concrete floor covered with four inches of sand, a fibreglass pool and a gas-fired heater to maintain the temperature at fifty degrees Fahrenheit or above.

The female Nene laid for the first time in January 1971. She laid three clutches of four eggs each, all of which were infertile. Since the male was obviously sterile, I began searching for another. Through friends, I was able to get a young, aggressive male which proved to be fertile. This year the female laid *four clutches*, totalling *nineteen eggs*, fourteen of which hatched!!

Now, to the details of how we care for our adult and young birds. The breeders are fed commercial breeder chow, poultry scratch, and all the cull lettuce they will eat daily. We use cedar brush in the corners of our indoor pens for nesting sites, and so far, the female has used the same location both years.

We are fortunate in having a large flock of Silkie Bantams which furnishes us with a dependable supply of broodies. We set only two eggs under each broody and, therefore, the eggs are never more than two days old before they are set. When hatched, the goslings are put in an indoor brood coop with their foster mother. A heat lamp is used for supplemental heat. When the goslings are four to six weeks old, they are moved to an outdoor pen which has a heated shelter. The goslings are fed commercial game bird starting and growing chow along with chopped lettuce. Until they are about seven days old, they are fed hard-boiled egg yolk crumbled on their dry feed. Our limited experience indicates that Nenes are not difficult to rear once they are hatched. The greatest problem is due to the cold weather we experience during the hatching season, and heated facility are a must.

Since the cessation of laying, beginning of moult, and the arrival of warm Spring weather occur almost simultaneously, we release our breeders onto the lake used by our other waterfowl where they have ample grazing and natural food during the Summer months. This gets them in top breeding condition before the cycle begins again in January.

T. W. COMER, 218-28 Second Ave., North, Nashville 37203.

SPRING MIGRATION OF BROAD-WINGED HAWKS IN CUMBERLAND COUNTY—On 13 April 1972, as we neared home following a shopping trip in Crossville, we saw several Broadwings (*Buteo platypterus*) behaving like migrants. Upon reaching home we started watching for more and were amply rewarded.

As is customary in Fall hawkwatching, we recorded observations in periods of 30 minutes each. The tally is as follows, beginning at 10:00 and ending at 14:30: 14, 26, 29, 7, 6, 44, 43, 5, 1, a total of 175. The largest group consisted of 14 birds. Three unidentified accipiters and 1 unidentified buteo were also seen.

All of the hawks were located with the naked eye and no attempt was made to search with binoculars. However, all hawks seen after 10:30 were very high. A large proportion passed through in the space between two layers of clouds. Use of binoculars for identification sometimes made other hawks visible.

Following is the usual data supplied in connection with hawkwatching: 1830 feet elevation; temperature, 70-75 deg.; partly cloudy, becoming overcast about 2 p.m.; wind out of the SW, 5-12 mph.

MR. AND MRS. E. M. WEST, Rt. 1, Box 445C, Crossville 38555.

FIRST NASHVILLE RUDDY TURNSTONE—While searching for shorebirds at Buena Vista Bottoms, Nashville, on 12 May 1972 one Ruddy Turnstone (*Arenaria interpres*) was found at 19:00 CDT by Mike Bierly, John Riggins and Harry Monk. The bird was feeding along the pebbly shoreline of a large pond about 100 feet across from our position. Viewed with various power binoculars and a Bausch and Lomb 15-60X scope, the bird was about the size of a nearby Killdeer (*Charadrius vociferus*) but shorter legged; had a thin, short upturned bill; black on throat and breast with two black swirls, one going to the side of the head and one joining the red back at the shoulders; white on the forehead, the upper most part of the throat and between the black projections; gray circle on back of head; reddish back with black splotches; and dull orange legs.

After five minutes it flew across the pond toward us and veered over a rise behind our position and out of sight. However the bird was seen again on the following two days, 13, 14 May, but was not present on the 15th or thereafter. Confusion with other species in this plumage was unlikely. A total of seven people observed the bird.

The weather at the time was overcast with threatening rain and a temperature of 73° F. A frontal system was approaching from the northwest. All three initial observers were familiar with the species, especially on the coast.

This is the eleventh known state record and third spring observation as reported in *The Migrant*. There previously have been two sightings in the Western Coastal Plain, one in the Central Basin and Highland Rim, six in the Eastern Ridge and Valley, and one in the Eastern Mountain Regions.

MICHAEL LEE BIERLY, 3826 Bedford Avenue, Nashville 37215, JOHN N. RIGGINS, 5615 Brookwood Place, Nashville 37205, HARRY C. MONK, Apartment 5, 2013 Capers Avenue, Nashville 37212.

## THE SEASON

FRED J. ALSOP, III, *Editor*

## WINTER SEASON: 1 NOVEMBER - 15 MARCH

The season across the state was mild and wet. Perhaps most noteworthy are the numerous records of large numbers of cormorants, loons, grebes, coots, and other waterfowl observed in the following reports. Short-eared Owls were recorded in all but the Eastern Mountain Region. There were widely scattered observations of Northern finches, but not in great numbers. Red Crossbills were found in the Central Plateau and Basin and the Eastern Ridge and Valley Regions. House Finches were present for the third consecutive winter in East Tennessee. Western visitors included a Western Grebe, Franklin's Gulls, and a Black-headed Grosbeak in the Plateau and Basin Region, and a Black-headed Grosbeak in Knoxville. Other unusual observations include those of Glossy Ibis and Lapland Longspurs in the Plateau and Basin, and a Snow Bunting in the Eastern Mountain Region.

There are many reports of late lingering shorebirds and several species of warblers, as well as a very late Broad-winged Hawk (the last in the Chattanooga area).

Many Tennessee birders were active in the field as the numerous records which follow indicate, but many additional society members surely saw many things not reported. Do your part to provide "THE SEASON" with the most complete picture of Tennessee's changing avifauna by submitting *YOUR* records to your regional compiler at the end of every month. Don't wait for him to contact you—we of *The Migrant* enthusiastically solicit the information on Tennessee birds you gather during your birding activities. Won't you help???—Good Birding!

**WESTERN COASTAL PLAIN REGION**—*Merganser-Sparrow*: Common Merganser: 8 Jan. (27) DR (JL). Red-breasted Merganser: 18 Mar. (62) DR (JL). Short-eared Owl: 5 Jan. (1) Shelby County Penal Farm (Lynn Agee, photographed). Whip-poor-will: 9 AND 10 MAR. (1, singing) Harbert Hills Academy (Mike Patterson). Cliff Swallow: 6 MAR. (1) DR (JL). Fish Crow: 21 Jan. (1) H (JL). **PALM WARBLER**: 8 Jan. (1) DR (JL, photograph at 6 feet). Tree Sparrow: 3 dates in Jan. (6) H (JL), (15) DR (JL), 24 Feb. (1) Horseshoe Lake, Crittenden County, Arkansas (Lula Coffey).

*Locations*: DR—Duck River Refuge, H—Hatchie Refuge.

*Observer*: JL—Jerald Ledbetter.

DAVID E. PATTERSON, Harbert Hills Academy, Savannah 38372.

CENTRAL PLATEAU AND BASIN REGION—*Loon-Duck*: Common Loon: 3 Nov. (465) OHL (MLB, MPS); on 4 Nov. most of the birds had departed. Horned Grebe: 4 Nov. (150) OHL (DC, PC); 18 Nov. (205) WR (*vide* KD); 22 Dec. (150) PPL (BF, SF); *WESTERN GREBE*: 18 Nov. through 10 Feb. (1, first verified state record) WR (KD, *et al*). Pied-billed Grebe: 3 Nov. (48) OHL (MLB, MPS). Double-crested Cormorant: last 17 Jan. (2) OHL (BF, SF). Black-crowned Night Heron: 1 Dec. through period (1-4, adult and 3 imm.) OHL (NTOS). American Bittern: 11-13 Mar. (1) LC (LWC). *GLOSSY IBIS*: 6 Nov. (1) WR (KD). Whistling Swan: 9 Nov. (3) GSP (PC); 14 Nov.-8 Jan. (1) Springfield (JGH, *et al*); 19 Jan.-15 Mar. (1) Columbia area (Columbia TOS); 15 Dec. through period (up to 5) OHL (NTOS). Canada Goose: up to 125 resident birds in NA during period (NTOS); migrating flocks were numerous during the last half of Jan. Flocks of 100 or more were seen in Lawrence Co. (LWC), and in the Nashville area (NTOS). Snow Goose: 16 Jan. (1 plus 8 blue morphs) OHL (Willie W. Taylor); 26 Jan. (3 plus 13 blue morphs) Columbia area (Dan Gray). Black Duck: 20 Jan. (1500) OHL (MLB). Pintail: first 17 Nov. (20) OHL (MLB). American Wigeon: 8 Dec. (200) OHL (MLB, Harry Monk, JGH). Canvasback: 25 Dec.-31 Jan. (up to 15) RL (NTOS). Common Goldeneye: 10 Nov. (1, early) RL (MLB). Oldsquaw: 10 Nov. (1) GSP (DC, PC); 4-17 Jan. (2) RL (NTOS). *SURF SCOTER*: 6-15 Feb. (1, imm. male) RL (MLB, NTOS).

*Hawks-Owl*: Sharp-shinned Hawk: 4 Nov. (1) 2 Js (JR). Cooper's Hawk: 11 Nov. (2) OHL (DC, PC); 17 Nov. (1) OHL (MLB). Golden Eagle: 1 Nov. (1 killed near Gladeville); 17 Nov. (1, imm.) South Harpeth Valley (KAG, MPS, MLM). Bald Eagle: 28 Dec. (1, imm.) PPL (BF, SF); 27 Jan. (1, sd) WR (GB, *vide* KD). Sandhill Crane: 9 Dec. (1) WR (GB, *vide* KD). American Coot: 3, 4 Nov. (1200) OHL (DC, PC, MPS, MLB); 6 Nov. (9000) WR (*vide*, KD). Killdeer: 9 Nov. (100) G (DC, PC). *SOLITARY SANDPIPER*: 3 Nov.-8 Jan. (1) BV (MLB); 10 Mar. (1) BV (MLB). Pectoral Sandpiper: 4-21 Nov. (1-5) G (DC, PC). *WESTERN SANDPIPER*: 25 Nov. (1) BV (MLB). Herring Gull: 3 Jan. (1) Laurel Hill Lake, LC (LWC), first county record. *FRANKLIN'S GULL*: 17 Nov. (18, imm.) WR (Lee Shafer family). Bonaparte's Gull: 2 Dec. (180) PPL (BF, SF). Yellow-billed Cuckoo: 25 Nov. (1, late) OHL (BF, SF). *SHORT-EARED OWL*: 18 Nov. through period (up to 5) Smyrna (TOS); 23-27 Dec. (1-2) G (DC, PC), one killed on 25 Dec.

*Hummingbird-Longspur*: Ruby-throated Hummingbird: 24 Nov. (1, Late) NA (Ed Schreiber). Horned Lark: 6 Jan. (200) OHL (NTOS). Purple Martin: 5 Mar. (2) LC (Bessie and Emery Crowder). Long-billed Marsh Wren: 3 Nov. (1) BV (MLB). Short-billed Marsh Wren: 3 Nov. (1) BV (MLB). *BLACK-AND-WHITE WARBLER*: 15 Dec. (1) NA (Charles Percival). Tennessee Warbler: 3, 4 Nov. (1) OHL (BF, SF); 4 Nov. (1) BS (KAG). Orange-crowned Warbler: 10 Nov. (1) 2 Js (JR, HR). Nashville Warbler: 4 Nov. (1) 2 Js (JR, HR). Pine Warbler: 2 Mar. (7; 5 males and 2 females) Natchez Trace Parkway (MLB, MLM, MPS); 3 Mar. (17; 16 males and 1 female) Catoosa Wildlife Manag. Area (Charles Nicholson, MDW). *LOUISIANA WATERTHRUSH*: 10 Mar. (1) BS (KAG), very early. Common Yellowthroat: 3 Nov. (1) BV (MLB). Yellow-breasted Chat: 4 Nov. (1)

2 Js (JR, HR), Rose-breasted Grosbeak: 2-6 Nov. (1) NA (KAG). *BLACK-HEADED GROSBEAK*: during Jan. (1) Murfreesboro (TOS). Indigo Bunting: 4 Nov. (4) BS (KAG); 4 Nov. (4) 2 Js (JR, HR). Dickcissel: 24 Jan. (1) Hendersonville (Mrs. Lloyd Richmond). *EVENING GROBBEAK*: 27-28 Nov. (6) Loretto, LC (Henry and Mary Riddle); 9-13 Jan. (2) LC (LWC). Purple Finch: 15 Feb. (200, max.) LC (LWC); many reports after 1 Jan. Pine Siskin: many reports, Ann Tarbell banded over 500 in Nashville. *RED CROSSBILL*: 3 Nov. (30), 1 Dec. (20), all BS (KAG, Mel Garland). Tree Sparrow: several NA records, 22 Dec.-13 Jan., largest number 4-5 Jan. (30) Fairview (Pauline Miller); 30 Dec. (8) LC (MDW). *LAPLAND LONG-SPUR*: 6 Jan. (11), 7 Jan. (1), all OHL (NTOS).

*Locations*: BS—Basin Springs, BV—Buena Vista, G—Gallatin, GSP—Gallatin Steam Plant, LC—Lawrence County, NA—Nashville Area, OHL—Old Hickory Lake, PPL—Percy Priest Lake, RL—Radnor Lake, 2 Js—Two Jays Sanctuary, WR—Woods Reservoir.

*Observers*: GB—Garry Bayne, MLB—Mike Bierly, LWC—Lloyd Clayton, DC—Dot Crawford, PC—Paul Crawford, KD—Ken Dubke, BF—Bill Fintel, SF—Sally Fintel, KAG—Katherine Goodpasture, JGH—James Holt, MLM—Margaret Mann, HR—Heather Riggins, JR—John Riggins, MPS—Pat Stallings, TOS—members Tenn. Ornith. Soc., NTOS—members Nashville TOS, MDW—Morris Williams.

MORRIS D. WILLIAMS, Five Points, Tennessee 38457.

The following corrections should be made concerning the "Central Plateau and Basin Region" in "The Season" of *The Migrant*, December 1973, Volume 44, Number 4.

Virginia Rail: 7 and 9 Sept. (1, X) WSM (KAG), should read, 7 and 13 Sept. . . .

Eastern Kingbird: 30 Aug. (40, flock) SHV (KAG, Harry C. Monk), should read, 7 Sept. . . .

Least Flycatcher: . . . ; 15 Sept. (1-6) BS (KAG), should read, 15 Sept. (1-b) . . .

Olive-sided Flycatcher: . . . ; 8-9 Sept. (1-b) BS (KAG); . . . , should read, 2-9 Sept. . . .

On page 100, the fourth line from the bottom should be the third line and the third line should be the fourth.

EASTERN RIDGE AND VALLEY REGION—This past winter was mild with very heavy rainfall. No heavy accumulations of snow occurred. Rains were heavy enough to cause some local flooding and TVA filled some lakes to full pool during some of the period.

Gulls were in low numbers during the period. Evening Grosbeaks were widely distributed throughout the area. Purple Finches were present in low numbers through the period and Pine Siskins were not reported until March when they became fairly common. Red Crossbills were distributed throughout the area. House Finches were reported for the third year, this time at a feeder in Maryville. A Black-headed Grosbeak visited a Knoxville feeder in January.

Other unusual birds reported were a Whistling Swan in December at Cove Lake, a late Broad-winged Hawk and a Harlan's (Red-tailed) Hawk in the Chattanooga area, a Golden Eagle at Hiwassee River Area, and the first Knoxville record in more than forty years of a Short-eared Owl.

*Loon-Bittern*: Common Loon: first 4 Nov. (15, 1 calling) BL (H. W. Nunley); 2-4 throughout season BL, 1-5 regular after 11 Nov. Ch L (KLD), 25 Feb. (1) NL (DJ). Horned Grebe: first 10 Nov. (6) BL (JD, MD, SG), 11 Nov. (1) Ch L (KLD). *DOUBLE-CRESTED CORMORANT*: 9 Nov. (3) HRA (WiC); 11 Nov. (11), 14 Nov. (5) HRA (KLD); 22 Nov. (3) FLL (Andy Morton, CN); 30 Nov. (7) FLL (GM). Great Blue Heron: 16 Nov. (85) HRA (KLD); 18 Feb. (30) PHL (JD, MD, SG). Great Egret: 5 Nov. (1) HRA (KLD). Black-crowned Night Heron: 16 Nov. (1) HRA (KLD). *CATTLE EGRET*: 8 Mar. (1, photographed) CL (GM). American Bittern: 3 Mar. (1) AM (KLD, DJ).

*Swan-Merganser*: *WHISTLING SWAN*: 12 Dec. (1, photographed) CL (GM). Canada Goose: 27 Nov. (300) CL (JMC, JCH). Snow Goose: 14-15 Jan. (1) CL (GM, CM, Paul Pardue); blue morphs, 18 Nov. (1), 27 Jan. (1) CL (JMC, JCH). Mallard: max 18 Dec. (2500) HRA (KLD). Black Duck: max 18 Dec. (2500) HRA (KLD). Green-winged Teal: 11 Nov. (20), 18 Nov. (10) Cl (JMC, JCH), 25 Feb. (2) NR (GW). Northern Shoveler: 18 Dec. (5) Ch L (KLD); 18 Feb. (7) PHL (MD, SG); 7 Mar. (1) NL (FH). Canvasback: 18 Dec. (2); 21 Jan. (1) Ch L (KLD). Scaup: all wintering scaup in Chattanooga area appear to be Greater Scaup, max 4 Mar. (450) Ch L (KLD). Common Goldeneye: max 30 Dec. (30) Ch L (LD, FH). Bufflehead: max 21 Jan. (54) HRA (KLD). *OLDSQUAW*: 30 Dec. (6) Ch L (LD, FH); 5 Jan. (1) CL (Don Hammer); 16 Dec.-9 Jan. (1) WW (DJ *et al*). *SURF SCOTER*: 2 Nov. (1 female) Laurel Lake (GM, CM); 4 Nov. (1) Laurel Lake (MDW). Common Merganser: 14 Nov. (1) HRA (KLD); 30 Nov. (2) BL (MC, SG, EO); 16 Dec. (1) NL (LS). Red-breasted Merganser: 18 Nov. (6) C L (TOS); 1 Mar. (2) BL (MD, SG), eight records; 1-12 at Ch L (KLD, CH, FH).

*Vulture-Hawk*: Turkey Vulture: 12 Feb. (125 at roost) LHS (KLD). Black Vulture: 1 Nov. (2) WCo (MD); 12 Feb. (75 at roost) LHS (KLD). Sharp-shinned Hawk: 10 Nov. (1) La (DyL); 18 Nov. (1) CL (TOS), 19 Feb. (1, found dead) Eliz (GW); 22 Feb. (1) K (CN, MDW); 1 Mar. (1) BL (MD, SG); 5 records in Chatt. area (KLD, FH). Cooper's Hawk: 18 Nov. (1) La (DyL); 19 Feb. (1) Eliz (GW); 6 records in Chatt. area (KLD, FH). Red-shouldered Hawk: 1-2 regular Chatt. area (KLD); becoming more uncommon in Eliz area (GE); 27 Feb. (1) La (MD, SG). *BROAD-WINGED HAWK*: 23 Nov. (1) WW (DJ). Harlan's (Red-tailed) Hawk: 20 Feb. (1, well marked individual, observed both perched and in flight) Battle Creek (Gary, Christine, Daniel Knorr). Golden Eagle: 13 Dec. (1) HRA (WiC); 18 Dec. (1 imm) HRA (KLD). Bald Eagle: 1-2 occasional HRA (KLD, WiC); 28 Nov. (1) NL (LS); 25 Feb. (1) NL (DJ); 1-3 occasional in early March at Norris (Mrs. Earl Olson). Marsh Hawk: 3 records from Chatt area (KLD); 11 Nov. (1) CC (JMC, JCH).

*Crane-Gull*: Sandhill Crane: 7 Nov. (25) HRA (WiC); 17 Nov. (225) HRA (Arnold Aslinger); 11 Dec. (100), 2 Mar. (25) HRA (WiC). *VIR-*

*GINIA RAIL*: 3 Feb. (4) AIM (CN, MDW). *SORA*: 3 Feb. (2) AIM (CN, MDW). Killdeer: max 11 Nov. (185) SB and HRA (KLD, FH, DJ, CN, MDW). American Golden Plover: 11 Nov. (3) HRA (KLD, FH, DJ, CN, MDW). American Woodcock: 3 Dec. (2, singing) AM (KLD); late Jan. thru period (1-5 singing) KC (MDW). Common Snipe: regular thru period, all areas, max 16 Nov. (128) SB and HRA (KLD). *SPOTTED SANDPIPER*: late—3 Nov. (1) AS (GE, DL). Lesser Yellowlegs: 5 Nov. (2), 11 Nov. and 14 Nov. (1) SB and HRA (KLD). Least Sandpiper: 6-37 thru mid-Feb., HRA, SB (KLD). Dunlin: wintering numbers at HRA lower than usual, high of 200 on 16 Nov., HRA (KLD); 10 Nov. (2) AS (JD, MD, SG). Herring Gull: first report 10 Nov. (2) BL (JD, MD, SG), very few other reports. Ring-billed Gull: 3 Nov. (8) AS (GE, GW), numbers low in Knox and Chatt. areas. Bonaparte's Gull: max 18 Dec. (103) ChL (KLD); 10 Mar. (11) NL (DJ).

*Dove-Blackbird*: Mourning Dove: cooing in late Jan., K (CN); 28 Feb. (2 fledglings) K (CN). Barn Owl: one sporadic at AM (KLD); 3 to 5 active roosts at Johnson City area thru period (PR); 12 Jan. (1 dead) Chatt. (DJ), 19 Dec. one dead, Kingsport, Fred J. Alsop. *SHORT-EARED OWL*: 1 Mar. (1) K (MDW), and 3 Mar. (1) K (CN), both at Knox Island Airport. First Knox Co. record since 1933 (second county record). Barn Swallow: 11 Mar. (2) La (DL, JL). Purple Martin: first 24 Feb. (1) KC (Ned Curran, *vide* JBO). Red-breasted Nuthatch: very few reports, most from north part of area. Winter Wren: 17 Nov. (1, singing) PHL (GE, LRH, GW); 21 Jan. (1, singing) MP (KLD). Gray Catbird: 20 Nov. (1) HRA (KLD). Water Pipit: 1-30 sporadic at SB and HRA (KLD). Pine Warbler: 15 Jan. (1) Col (RW), 21 Jan. (1, singing) HRA (KLD). *PALM WARBLER*: 1 Dec. (1) HRA (FH), 15 Jan. (1) Col (RW). Rusty Blackbird: 18 Nov. (12) CC (JMC, JCH); 24 Nov. (2) Eliz (LRH, GW).

*Grosbeak-Sparrow*: *BLACK-HEADED GROSBEEK*: 11 Jan.-15 Jan. (1 imm. male) K (J. W. Morton, JBO). Evening Grosbeak: first, 3 Nov. (15) Ringold, Ga. (Jan Hawthorne); few scattered reports Chatt. and Knox areas (KLD, RW, JBO); 2 Dec. (6) JC (JW): few reports in Eliz. area. *HOUSE FINCH*: regular from 13 Nov. thru Jan. (small flock) Maryville (C. McNeill, *vide* JBO). Purple Finch: present in low numbers throughout area. Pine Siskin: first 14 Nov. (8) JC (Virginia Curtiss, MD, SG, EO); first Chatt. area 3 Mar. (1) Col (CH). *RED CROSSBILL*: 5 Nov. (1) WW (DJ); 18 Nov. (10) CL (TOS); 6 Jan. (2) Ch L (CH); 12 Jan. (9) K (MDW); 12 Jan. (15) K (John Elson); 26 Jan. (1) Chatt (CH); 27 Jan. (11) CC (JMC, JCH); 14 Feb. (26) KC (Kyle Turner, *vide* JBO). Vesper Sparrow: 13 Nov. (2) NL (DJ); 8 Feb. (1) RS (RW). Chipping Sparrow: 5 Nov. (1) and 12 Feb. (2) WW (DJ), 22 Jan. (1, singing) Col (LS).

*Locations*: AIM—Alcoa Marsh; AM—Amnicola Marsh; AS—Austin Spring; BL—Boone Lake; CC—Campbell County; Chatt.—Chattanooga; Col—Collegedale; CL—Cove Lake; Eliz—Elizabethton; FLL—Fort Loudon Lake; HRA—Hiwassee River Area; JC—Johnson City; K—Knoxville; KC—Knox County; La—Lamar; MP—Morris Pond, Ga.; NR—Nolichucky River; NL—Nickajack Lake; PHL—Patrick Henry Lake; RS—Rock Springs, Ga.; SB—Savannah Bay; WCo—Washington County; WW—Wildwood, Ga.

*Observers:* JMC—James M. Campbell, WiC—Wilford Caraway, JD—Joy Dillenbeck, MD—Martha Dillenbeck, KLD—Ken and Lil Dubke, GE—Glen Eller, SG—Sally Goodin, CH—Chris Hanley, LRH—Lee R. Herndon, DJ—Daniel Jacobson, DyL—Danny Leach, DL—Dick Lura, JL—Joyce Lura, GM—Gary Muffley, CM—Cynthia Muffley, CN—Chuck Nicholson, EO—Elizabeth Osborne, JBO—J. B. Owens, PR—Pete Range, LS—Lee Shafer, TOS—Tenn. Ornith. Soc., GW—Gary Wallace, MDW—Morris D. Williams, RW—Roder Woodruff.

CHARLES P. NICHOLSON, 6806 Haverhill Dr., Knoxville 37919.

**EASTERN MOUNTAIN REGION**—The weather for our area could be summarized as mild temperatures with very wet conditions. The month of November had the third highest rainfall on record with 7.83 inches being recorded with 3.62 being the average for the month. Likewise December continued very wet with 7.91 inches being recorded (3.35 average). The overall year of 1973 had 12.29 inches more rain than the average with the majority of this coming during the last quarter. January and February had milder than normal temperatures and average rainfall. Already through the 15th of March we have recorded 4.58 inches of rain and the average for the month is only 2.86 inches.

The first real cold spell came during the second week of December, while on 16 Dec. we had our biggest snowfall for the low elevations in two years when 4½ to 5 inches fell over-night.

We had several encouraging reports of "birds of prey," with both eagles being sighted and more reports of accipiters than we have had in the past two years. The "northern" species were greatly reduced in numbers this year and had seemingly less wide-spread movement. The few early returning migrants are probably due to the very mild temperatures. One noteworthy item is that thru the 15th of March we had no reports of Purple Martins.

*Loon-Merganser:* Common Loon: 6 Nov. (1) Wil. L (GE); 11 Nov. (3) Wat. L (GW). Horned Grebe: 2 Jan. (19) RC (GE, HF); 9 Mar. (2) Wat. L (GW). Great Blue Heron: 2 Feb. (2) RC (GE, HF); 9 Mar. (1) RC (LRH, GW, GE). Black Duck: 5 Jan. thru 23 Feb. (2-6) Wil. L (GW *et al.*). Gadwall: 29 Jan. thru 9 Mar. (1-3) Wil. L (HF *et al.*). Pintail: 5 Jan. thru 26 Feb. (1-4) Wil. L (GE *et al.*). Green-winged Teal: 5 Jan. thru 2 Mar. (1) Wil. L (GE, HF *et al.*). Redhead: 16 Nov. (2) Wil. L (SG, MD, JW); 2 Mar. (21) Wil. L (GE, HF, GW, LRH). Greater Scaup 5 Jan. thru 2 Feb. (1-3) Wil. L (GE, HF *et al.*). Common Goldeneye: 2 Feb. (15) RC (GE, HF); 23 Feb. (1) Wat. R (HF); 8 Mar. (1) Wil. L (GW). *OLD SQUAW:* 15 Dec. (7) Wat. L (PR); 10 Feb. (1) Wat. R (HF). Hooded Merganser: 4 Nov. (4) Wil. L (DJL); 20 Jan. (2) Ripshin Lake (GE, HF). Red-breasted Merganser: 2 Feb. (2) RC (GE, HF); 9 Mar. (3) RC (GW, GE, LRH).

*Hawks-Raven:* Sharp-shinned Hawk: 13 Nov. (2) RM (TMS); 9 Dec. (2) Wat. L (GW); 28 Jan. (1) SV (GE); 24 Feb. (1) HS (GW). Cooper's Hawk: 18 Nov. (1) RM (SG, MD, JW, TMS); 1 Dec. (2) Iron Mtn. (SG); 26 Jan. (1) Wat. R (GW). Red-shouldered Hawk: 27 Jan. (1) HS (HF). *GOLDEN EAGLE:* 16 Nov. (1) SV (GW); 21 Nov. (2) Unicoi Mtn. (PR). *BALD EAGLE:* 29 Dec. (1) South Holston Lake (BY). Wild Turkey: 16

Nov. (78) Cades Cove (J. R. Buchanan *file* DD). American Woodcock: 23 Nov. (1) late Wat. R (GW); 17 Feb. (2) performing HS (GE). Bonapart's Gull: 15 Dec. (7) Wat. L (PR). Barred Owl: 6 Jan. (1 singing) RM (TMS). *SAW-WHET OWL*: 9 Mar. (1 singing) GSMNP (MDW). Horned Lark: 19 Jan. (3) SV (GW); 14 Mar. (2) SV (HF, GE). Common Raven: 1-3 regular through-out period on RM (TMS, FWB); 9 Mar. (*nest with 7 eggs*) GSMNP (MDW).

*Wren-Warbler*: *SHORT-BILLED MARSH WREN*: 10 Nov. (1 very late) HC (TMS). Hermit Thrush: 2 Nov. (3) HC (TMS); 21 Dec. (1) GSMNP (DD); 24 Dec. (1) HC (TMS); 14 Feb. (1) HS (GW). Water Pipit: 9 Dec. (8) RC (GE, LRH). Solitary Vireo: 11 Mar. (1) very early GSMNP (DD). Yellow-rumped Warbler: noticeable decline this season. Pine Warbler: 10 Mar. (1) GSMNP (DD); 14 Mar. (1) Wil. L (HF).

*Blackbird-Snow Bunting*: Rusty Blackbird: 3 Dec. (1) GSMNP (DD); 28 Jan. (10) HS (MD, SG); 14 Mar. (7) SV (GE, HF). Evening Grosbeak: 18 Nov. (35 first returned) RM high elevation (GE, DJL); 28 Dec. (20) low elevation (HF); 3 Jan. (12) Bristol (Rosemary Bingham). Pine Siskin: 4 Nov. (150) RM (GE); 1 Feb. (75) GSMNP (DD); 9 Feb. (200) RM (HF, GE). Red Crossbill: 9 Dec. (20) Wat. L (LRH, GE); 19 Jan. (33) Wat. L (GW, HF, GE); 2 Feb. thru 27 Feb. (2 at feeder) HC (TMS). Savannah Sparrow: 10 Feb. (6) SV (HF, GW). Chipping Sparrow: 2 Mar. (2) first returned Eliz. (GE). White-crowned Sparrow: 22 Jan. thru 10 Mar. (1) Eliz. (HF). Fox Sparrow: 21 Dec. (2) GSMNP (DD); 25 Feb. (1) GSMNP (DD); 9 Mar. (1) RC (GW, GE, LRH). *SNOW BUNTING*: 13 Nov. (1) RM (TMS).

*Locations*: GSMNP—Great Smoky Mtn. National Park, HC—Heaton Creek (RM), HS—Hunter Swamp (near Eliz.), RC—Roans Creek, RM—Roan Mtn., SV—Siam Valley (near Eliz.), Wat. L—Watauga Lake, Wat. R—Watauga River, Wil. L—Wilbur Lake.

*Observers*: FWB—Fred Behrend; DD—Don Defoe; MD—Martha Dillenbeck; GE—Glen Eller; HF—Harry Farthing; SG—Sally Goodin; LRH—Lee Herndon; DJL—Dick and Joyce Lura; PR—Pete Range; TMS—Tommy and Maxie Swindell; GW—Gary Wallace; JW—Jane Whitehead; MDW—Morris Williams; BY—Bill Yambert.

GLEN D. ELLER, Route #3, Grandview Terrace, Elizabethton 37643.

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#### BACK ISSUES OF "THE MIGRANT"

Copies of *The Migrant* are now available as described below. Prices given include postage, and payments should be included with an order. Address all orders to: James T. Tanner, Route 28, Box 155, Knoxville, TN 37920.

*Volume 1* (1930), originally mimeographed and long out-of-print, has been re-typed and photocopied on both sides of six by nine inch pages so that it can be bound with the later volumes. The paging was not maintained but the original page numbers are indicated. Price of *Volume 1*: \$2.00.

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All other issues are available from the original printings. Price of each: \$0.75.

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### IN MEMORIAM

Sadly, we report the death of Henry Oliver (Hot) Todd, Jr. on 27 January 1974. Mr. Todd operated a photographic studio in Murfreesboro for 41 of his 64 years. He spent endless hours in the outdoors and treasured relations with natural scientists and biologists.

He had an extraordinary collection of bird egg shells, collected by himself from Canada to Florida which numbered in to the thousands. Each shell was carefully indexed and catalogued and on display. Along with his collection of shells, he had an extensive collection of photographs of birds and nests. Many of his photographs have been published by the Smithsonian Institution.

Among his egg shell collection were more than 100 sets of vulture eggs. Known to his friends as the "vulture's best friend" Todd held the scavengers in high esteem and once had one as a pet for two years.

Mr. Todd also was a collector of antique furniture, coins, guns, porcelain china and a wide array of artifacts, many of them of historical value. He was a member of the Tennessee Ornithological Society and of the American Ornithological Union.

Survivors include two sons, Harvard Todd and George Todd, both of Murfreesboro, and two grandchildren.

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### SEEN ANY MONK PARAKEETS?

Tennessee birders should be on the lookout for a newly introduced bird species that may soon be invading the state. The new species is the Monk Parakeet, originally from South America. Recently, there have been numerous reports of the Monk Parakeet in the Eastern United States. This bird may become another Starling, competing with native birds for food and nesting sites, as well as destroying valuable crops. With its spread comes widespread concern and according to Larry Richardson of the Tennessee Wildlife Resources Agency, that Agency would like to be advised of any sighting within Tennessee. Please contact the nongame office of the Tennessee Wildlife Resources Agency, Ellington Agricultural Center, Box 40747, Nashville, Tennessee 37204.

## LETTER TO THE EDITOR

Dear Gary:

I was mildly surprised to read the comments by Bierly, Harshaw and Parrish in the March 1973, issue of *The Migrant* concerning their views on bird collecting. My concern is not whether those particular Western Kingbirds should or should not have been collected, but that this incident was used to support a general condemnation of collecting. I have occasionally collected birds, both in Tennessee and Florida, and very much disagree that ". . . there is absolutely no need anywhere in North America north of Mexico for bird collecting because of the advance stage of ornithology in this area." Several good reasons can be given for modern ornithologists to collect but I will site one, as an example of how good scientific study with collecting can produce information of considerable value for management and preservation of species or populations. Careful collecting can provide statistically significant samples of food habit information from stomach analyses, and allow for correlation of food habits with data on amounts of environmental contaminants detected in avian tissues. Much of the success by ornithologists and environmentalists in demonstrating cause and effect relationships between contaminants and declining numbers within avian populations (*e.g.*, eagles, Ospreys, pelicans, wading birds, etc.) has been possible because of this sort of careful collecting. Surely these scientists have the greatest concern for the species they study, and are certain that their collecting has no adverse results for the species or populations of concern. Some such collecting might well be done in Tennessee for species potentially endangered by known environmental contaminants, as a means for determining present contaminant levels and to provide a base for measurement of future trends of concentrations and distribution of the pollutants.

Sincerely yours,

John C. Ogden, Research Biologist

EIGHTH ANNUAL  
SYMPOSIUM AND FALL MEETING  
TENNESSEE ORNITHOLOGICAL SOCIETY

23-24 NOVEMBER, 1974

PARIS LANDING STATE PARK

To be sure you get accommodations in the park make your reservations early. For reservations write Paris Landing State Park, Buchanan, Tennessee 38222 or call 901—642-4311. Be sure to state that you are with TOS. For further details about the meeting contact Kenneth H. Dubke, Route 1, Box 134-D, Ooltewah, Tennessee 37363 or George R. Mayfield, Jr., Maury County Hospital, Columbia, Tennessee 38401.

## PREPARATION OF COPY FOR PUBLICATION

The purpose of THE MIGRANT is the recording of observations and original information derived from the study of birds, primarily in the state of Tennessee or the area immediately adjacent to its borders. Articles for publication originate almost exclusively from T.O.S. members.

Contributors should prepare manuscripts and submit them in a form acceptable to the printer, after editorial approval. Both articles and short notes are solicited but their format should be somewhat different.

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.

**STYLE:** Recent issues of THE MIGRANT should be used as a guide in the preparation of manuscripts. Where more detail is needed reference should be made to the *Style Manual for Biological Journals* available from the American Institute of Biological Sciences, 3900 Wisconsin Avenue N. W., Washington, D. C. 20016.

**COPY:** Manuscripts should be typed double spaced on 8½ x 11" paper with adequate margins, for editorial notations, and should contain only entries intended for setting in type, except the serial page number. Tabular data should be entered on separate sheets with appropriate title and column headings. Photographs intended for reproduction should be sharp with good contrast on glossy white paper in black and white (not in color). Instructions to the editors should be given on a separate sheet. Weights and measurements should be in metric units. Dating should be in "continental" form (e.g., 7 March 1968).

**NOMENCLATURE:** Common names should be capitalized followed by binomial scientific name 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. 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.

**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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