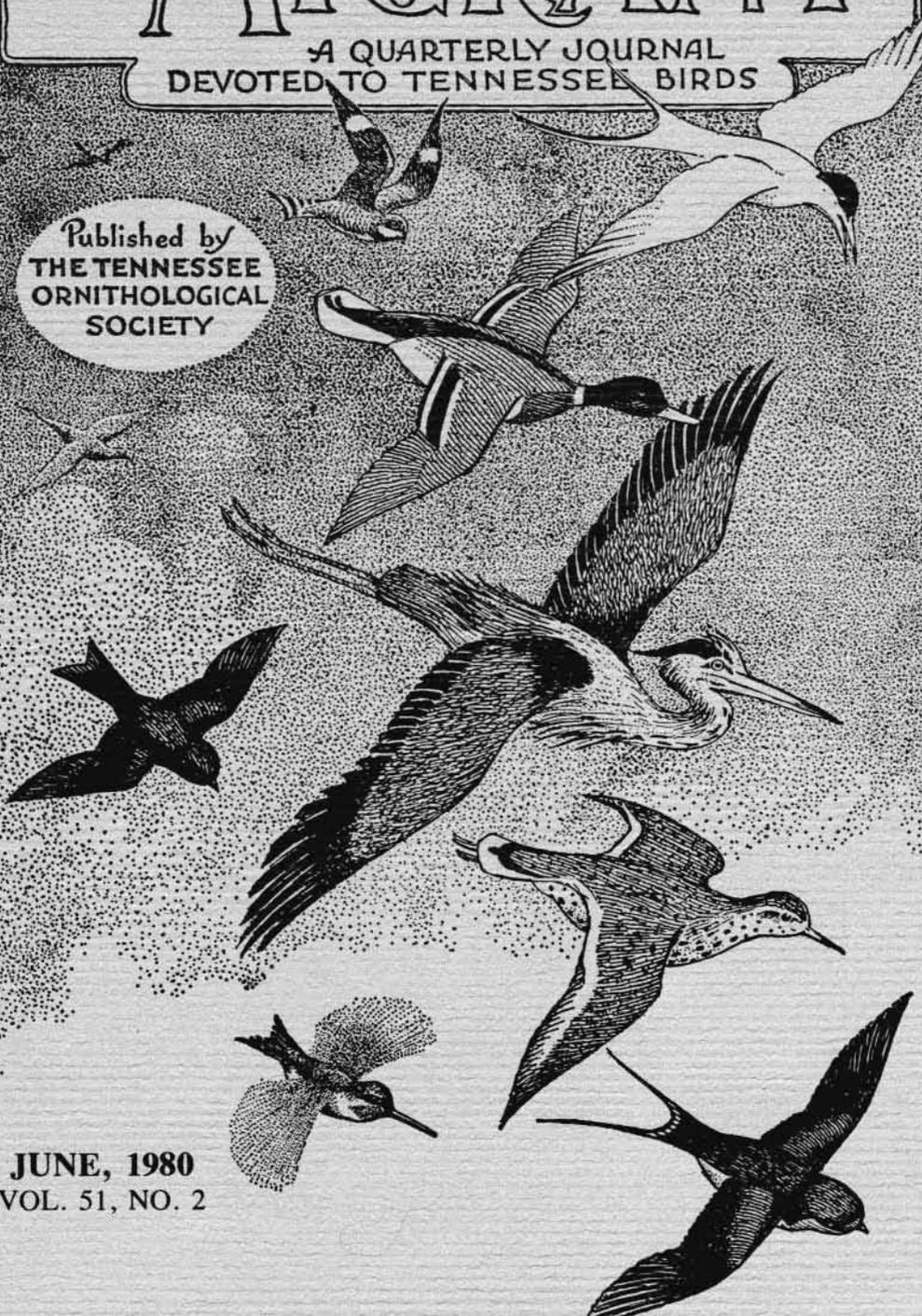


THE MIGRANT

A QUARTERLY JOURNAL
DEVOTED TO TENNESSEE BIRDS

Published by
THE TENNESSEE
ORNITHOLOGICAL
SOCIETY



H. P. James
36

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THE MIGRANT

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All TOS members receive *The Migrant* and the *TOS Newsletter*. *The Tennessee Warbler*. The *Newsletter* carries information about meetings, forays, and club activities. Items for the *Newsletter* should be sent to its Editor, Charles P. Nicholson, Box 402, Norris, TN 37828.

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JUNE, 1980

NO. 2

MINUTES OF THE ANNUAL BOARD OF DIRECTORS' AND BUSINESS MEETING, 1980

BOARD OF DIRECTORS' MEETING

The 65th Annual Meeting of the Board of Directors of the Tennessee Ornithological Society was called to order at 1:45 P.M. on 3 May 1980 at Ellington Hall at Reelfoot Lake, Tennessee by the President, Nelle Moore, with more than a quorum present.

Copies of the minutes from the Board of Directors' meeting held 6 October 1979 at Gallatin, Tennessee were distributed to Directors who read and then approved the minutes of the fall meeting.

REPORTS OF OFFICERS

There was no report from the three Vice-Presidents.

The SECRETARY, Helen Dinkelspiel, reported that there will be every attempt made to have the 1980 statewide Directory ready in the fall.

The TREASURER, Martha Waldron, reported as follows:

INCOME	\$6520.90
EXPENSES	4132.67
SAVINGS (3/31/80)	4890.01
CHECKING	1275.88

The EDITOR of *The Migrant*, Gary Wallace, announced that he was still trying to get *The Migrant* on the correct printing schedule. The June 1979 issue, page 31, contains the schedule to be used.

The CURATOR, James T. Tanner, reported that back copies of *The Migrant* are now stored in Hesler Biology Building, University of Tennessee, Knoxville.

Dr. Tanner also announced that the Archives of the T.O.S. have been benefited by a donation from Ben B. Coffey, Jr. of a complete set of "Mid-South Bird Notes," which are now in the Special Collection of the University of Tennessee Library at Knoxville. Appreciation was expressed to Mr. Coffey for making his records of the birds of West Tennessee available.

DIRECTOR-AT-LARGE from East Tennessee, Jon A. Koella, stated that he had mailed letters to T.A.L. members in his area trying to get information concerning dates of affiliation with T.O.S. for the Directory to be printed.

DIRECTOR-AT-LARGE from Middle Tennessee, Michael Dinsmore, reported that interest is still high in forming a new chapter in Clarksville, Montgomery County. He is hoping for developments during the coming year. The first annual Montgom-

ery County Spring Bird count was held 18-19 April 1980 with 7 participants, resulting in 77 species including 14 warblers.

DIRECTOR-AT-LARGE from West Tennessee, Mrs. C. K. G. Sumara had no report.

REPORT OF COMMITTEES

The FINANCE committee members, William T. Whitley, Chairman, T. David Pitts, James T. Tanner and Richard G. Taylor submitted a letter, read by President Nelle Moore, stating that two members of the committee had examined the records of the treasurer for the period from 1 May 1979 through 1 March 1980 and have found them to be in order and to reflect the true financial condition of the Tennessee Ornithological Society.

In the absence of the Finance Committee Chairman the following complete report was read by Richard G. Taylor:

REPORT AND RECOMMENDATION OF THE FINANCE COMMITTEE FOR FISCAL YEAR ENDING 30 APRIL 1980

We would also like to make the following recommendations:

1. That the president appoint a committee now to determine from past records if a purpose had been declared for the use of the interest or dividends of the Endowment Fund now invested in M.I.T. stock. If none has been established, the committee should recommend to the Board of Directors a purpose or purposes for the use of these funds that would allow the greatest benefits to all the chapters of our Society and to the communities in which they serve.

2. To increase the Endowment Fund to \$10,000 or more from its present value of approximately \$8000, by using part of the interest earned by the Briley Fund. This fund now contains approximately \$8000, and is invested in InterCapital Liquid Asset Fund, Inc., and at present is earning approximately 14%. Increasing the Endowment Fund to \$10,000 will give us greater opportunity to earn more.

3. If Recommendation #2 is approved then it is further recommended to give authority to the Finance Committee (for the fiscal year ending 30 April 1981) if and when advantageous, and with the approval of the president: to change the investment of Endowment Funds now in M.I.T. stock to some other safe investment that will produce a greater return, such as high grade money market funds, Certificates of Deposit issued by large banks, Treasury notes or bills, GNMA mortgage funds, or AAA commercial bonds now discounted to produce high competitive yields. Long term security, with high yield, would be our objective.

4. To promote the Endowment Fund regularly and encourage contributions to it and, if possible, establish means by which funds can regularly flow into it.

The Finance Committee wants to commend our treasurer, Martha Waldron, for the fine work she is doing.

William T. Whitley, Chairman
Finance Committee

Action taken follows.

RECOMMENDATION #1: President Nelle Moore stated that a committee had been appointed consisting of Ben B. Coffey, Jr., Katherine Goodpasture, Gary O. Wallace. This committee presented the following RESOLUTION:

Whereas, the Society's endowment fund was originally set up so that money earned by it would be used solely for the publication of the Society's official quarterly, *The Migrant*, and

Whereas, minutes which so stated, have been lost in the transfer over the years, from one officer to another.

Be it resolved, that in regular business meeting assembled, we reaffirm that all revenue produced by the endowment fund, be used solely for the printing and mailing of *The Migrant*.

Dr. George Mayfield made a motion to accept the Resolution for the proceeds of the Endowment Fund to be used for publishing and mailing *The Migrant*. The motion was seconded and passed.

RECOMMENDATION #2: Lil Dubke moved acceptance. The motion was seconded and passed.

RECOMMENDATION #3: Lula Coffey moved acceptance. The motion was seconded and passed.

RECOMMENDATION #4: This recommendation was agreed to in spirit. No formal action was necessary.

CONSERVATION COMMITTEE: George Mayfield, Chairman, reported that conservation efforts across the state are suffering because of the faltering economy. Under the present chairman of the TVA board, TVA has seemingly become more environment conscious. Arlo Smith was quoted as saying it appears that the I-40 route plan through Overton Park probably won't be completed but that the undesired route is not entirely dead.

The Conservation committee submitted seven Resolutions summed up as follows:

RESOLUTION #1 stated the wholehearted support of the Tennessee Ornithological Society of the concepts and goals of the Wildlife Observation Area Program of the TWRA.

Jon A. Koella moved passage of Resolution #1. Seconded and passed.

RESOLUTION #2 strongly urged the Director of the Tennessee Wildlife Resources Agency, in cooperation with the Tennessee Valley Authority to designate Savannah Bay as a Wildlife Observation Area.

James Tanner moved acceptance of this resolution. Seconded and passed.

RESOLUTION #3 expressed support for efforts toward restoration programs for the Peregrine Falcon and the Bald Eagle as well as the Osprey as a breeding bird in the Tennessee Valley.

Michael Dinsmore moved acceptance of this resolution. Seconded and passed.

RESOLUTION #4 urged Southern Railway Co., the U.S. Army Corps of Engineers, Hamilton County Government and Chattanooga City Government to combine efforts to preserve Amnicola Marsh in Chattanooga.

Ben Coffey moved adoption of this resolution. Seconded and passed.

RESOLUTION #5 commended the Senate Energy and Natural Resource Committee and its Chairman, Senator Ray Albright, for granting the full request of \$87,000 for expanding and operating the Non-Game and Endangered Species Program of the Tennessee Wildlife Resources Agency.

Jon A. Koella moved acceptance of this resolution. Seconded and passed.

RESOLUTION #6 which dealt with trapping regulations was withdrawn by motion of Bruce Wilkey. The motion to withdraw Resolution #6 was seconded and passed.

RESOLUTION #7 opposed the extraction of coal on Tennessee state owned lands by strip mining and voiced reservations concerning deep mining.

Glenn King moved acceptance of this resolution. Seconded and passed.

NOMINATING COMMITTEE: Mrs. Ben B. Coffey, Jr., Chairman, submitted the name of Michael Lee Bierly as President Elect.

Glenn King moved acceptance, subject to approval of the main body at the Business meeting. Seconded and passed.

SPECIAL ASSIGNMENT REPORTS

Editor of the newsletter, *The Tennessee Warbler*, Charles Nicholson stated that the newsletter is still evolving and that he welcomes comments and suggestions as well as news from the chapters.

FORAY: Charles P. Nicholson, Director of the Forays, stated that he would make an announcement concerning this at the business meeting.

PATCHES, DECALS, AVIFAUNA: Lil Dubke announced income of \$150.50 from these sources.

OLD BUSINESS

There was no old business.

NEW BUSINESS

Mack Prichard had items in regard to Reelfoot Lake in which T.O.S. should be concerned. It was agreed that a committee consisting of Mack Prichard, Bruce Wilkey and Ken Dubke were to prepare a resolution to be presented at the annual business session to be held that night concerning these matters.

ANNOUNCEMENTS

Announcements concerning the 1980 annual fall meeting and an invitation for the 1982 spring meeting were to be made at the regular business meeting.

The Board of Directors meeting adjourned at 3:35 P.M.

BUSINESS MEETING

Prior to the meeting the buffet style dinner was catered by Boyette's and served at Ellington Hall. Afterwards Richard Whittington introduced the speaker, Dennis Holt, Wildlife Film producer and Audubon lecturer who showed films and spoke on the Okefenokee Swamp area.

Nelle Moore then presided at the business portion of the meeting, with about 100 present, and gave a report on the business transacted by the Board of Directors.

The NOMINATING COMMITTEE, Lula Coffey, Chairman, offered the name of Michael Lee Bierly as President-elect. There were no nominations from the floor. The nomination was approved and accepted by the body.

A Resolution prepared by Mack Prichard, Bruce Wilkey and members of the Conservation Committee was presented, stating the support of the Tennessee Ornithological Society for cooperation with various authorities concerning problems at Reelfoot Lake of pollution, siltation and losses of natural diversity. The resolution also recommended that the Walnut Log Biological Research Station be restored and operated as a monitoring station.

Ken Dubke made a motion to accept the resolution. Seconded and passed.

Foray Director, Charles Nicholson, announced that the Memorial Day weekend Foray was to be held on 23-26 May 1980 in Monroe County. He also stated that McNairy County would probably be the location of the 1981 Foray.

The FALL MEETING is to be held at Montgomery Bell State Park 17-19 October 1980 with Columbia Chapter hosting.

Ann Tarbell extended a most cordial invitation to the T.O.S. for the 1982 spring annual meeting, to be hosted by the Nashville Chapter.

Nelle Moore expressed appreciation to Richard Whittington, Vice-president from West Tennessee and to his committee, for the arrangements made for the Reelfoot meeting hosted by the Memphis Chapter.

There being no further business the meeting adjourned.

HELEN DINKELSPIEL, *Secretary*

* * * * *

Correction: The Migrant.

Vol. 49(4):81. Line 13 should read . . . "Cades Cove Loop Road fords Sea Branch at an elevation. . ."

Vol. 50(4):86. Data in the Little Blue Heron Table should be credited to William G. Criswell.

Vol. 50(4):86. The five Painted Buntings seen on 4 July were on President's Island and not the Penal Farm.

ROUND TABLE NOTES

RECOVERIES OF SOME RAPTORS BANDED IN TENNESSEE—Of the 19 Red-tailed Hawks, *Buteo jamaicensis*, and 58 American Kestrels, *Falco sparverius*, that I have banded in Tennessee, two of each species have been recovered.

All 19 Red-tailed Hawks were banded before they fledged. I banded #608-23390 and its sibling on 5 May 1975 four km W of Five Points, Lawrence Co., Tennessee. This bird was found dead about 95 km W of the banding site on 18 August 1975 by Mr. Robert L. Jones on his farm in the extreme SW corner of Hardin Co., Tennessee. Mr. Jones wrote in a letter received in the Bird Banding Laboratory (BBL) on 25 August 1975, that the bird, "appeared to have been shot."

Red-tailed Hawk #877-43631 and its sibling were banded on 18 April 1976 three km N of Five Points. This bird was recovered on 22 April 1977 near Ash Grove, Tippecanoe Co., Indiana which is about 615 km N of the banding site. Mr. Donald Smith, Indiana conservation Officer, investigated and reported this recovery to the BBL. Mr. Smith wrote me that due to the dried and brittle condition of the flesh remaining on the carcass, he believed the hawk was killed during the winter months. The numerous shell casings in the woodlot where the bird was found led him to believe it had been shot.

American Kestrel #1143-79303 was an adult (sex unrecorded, but probably female) banded when I captured it on its nest containing 5 eggs on 9 April 1976 at the Univ. of Tennessee Plant Science Farm in Knox Co., Tennessee. I recaptured this bird on its nest on 30 April when 4 young and 1 egg were present. I saw 2 birds flying above this nest on 6 May; presumably one of these was #1143-79303. On 25 June 1976, Mr. W. R. Yancey found this bird dead in the bottom of a filled water trough on a cattle farm at Alcoa, Blount Co., Tennessee. This farm is about 12 km S of the banding site. Craig and Powers (1976, *Condor*, 78:412) discovered the remains of 7 American Kestrels in a water tank in Idaho. They suggested that newly fledged raptors would be most vulnerable to drowning in these situations. My bird, however, was clearly an adult.

I banded American Kestrel #1143-79332 on 30 May 1976 eight km NNW of Five Points. It was the only nestling in a nest which had held 5 eggs, including a cracked one, on 9 May. In an undated letter received in the BBL on 9 May 1977, Rev. Hollis Lacey reported that this bird had appeared in the area where he lives, about 11 km W of Haleyville, Alabama. When he first saw it, the bird was too sick to fly. The next day (date not given) at noon it was dead. This recovery was about 105 km SSW of the banding site.

MORRIS D. WILLIAMS, Museum of Zoology, Louisiana State University, Baton Rouge, Louisiana 70893. Accepted 31 Jan. 1980.

NEW COLONY OF CLIFF SWALLOWS ESTABLISHED ON DOUGLAS LAKE—On the afternoon of 21 May 1979, I noticed Cliff Swallows (*Petrochelidon pyrrhomota*) swirling about my house. There were 10 to 20 Cliff Swallows including at least three immature birds. The house, newly built, had not been landscaped yet and there was bare dirt which the Cliff Swallows used to take dust baths. The house is located in Jefferson County on Douglas Lake, two kilometers from I-40 Exit 424.

On subsequent days I could count on seeing Cliff Swallows swirling around my house which is located on the highest hill in the general vicinity. On 28 May 1979, I discovered the nesting site. It was "Swan's Bridge" which is the old bridge that U.S. Hwy. 70 goes over Douglas Lake parallel to the span that carries I-40 over Douglas Lake.

On 16 July 1979, there were 110 Cliff Swallows on the power line leading to my house. Their numbers tapered off after that and by 10 August 1979, there were none.

On 30 April 1979, I spotted Cliff Swallows using their old nesting site on Cherokee Lake in Grainger County. They have been sighted there for a number of years—at least since I have been in the area (1968). So given the date that the Cherokee Lake Colony was sighted and given that I sighted flying immatures, it might be safe to assume that the new colony on Douglas Lake was in business since some time in April.

This colony might indicate that Cliff Swallows are expanding in this part of Tennessee. However, more field work is needed.

JON A. "TONY" KOELLA, Rt. 2, White Pine, TN 37890. Accepted 31 Jan. 1980.

BIRDS KILLED AT TELEVISION TOWERS IN KNOX COUNTY—On the night of 29 September 1979, a large number of migrating birds collided with the WATE-TV tower on Sharp's Ridge and the WBIR-TV tower on Zachery Ridge, Knox County, Tennessee. The following morning, a total of 327 birds of 33 species (Table 1) was collected under the two towers by Marcia Davis, J. B. Owen, and Linda Turner. Casualties of tower kill accidents are assumed to be a random sample of nocturnal migrants and the species collected in these tower kills were typical of previously recorded fall tower kills in Tennessee (*Migrant* 40:79, 1970; *Migrant* 45:29, 1974). Of the seven represented families, wood warblers (Parulidae) were the most numerous, accounting for 20 species and 65 per cent of all individuals. Vireos (Vireonidae), with five species and 19 per cent of all individuals, were also numerically important. The most numerous species collected were 62 Bay-breasted Warblers (*Dendroica castanea*), 50 Red-eyed Vireos (*Vireo olivaceus*), 48 Ovenbirds (*Seiurus aurocapillus*), and 34 Tennessee Warblers (*Vermivora peregrina*). No rare migrants were identified from the tower kill and no new early or late migration dates were established. However, five Philadelphia Vireos (*Vireo philadelphicus*) were of particular interest since they are infrequently recorded (possibly because of the difficulty in identification for many observers) during their migration through Knox County.

Fall tower kills are often associated with heavy fog, low visibility, sudden drops in temperature, and changes in wind direction. However, according to the Knoxville Weather Bureau, the night of 29 September 1979 was clear with a 30,000 foot ceiling and little wind. No fog or precipitation was recorded in the 24 hour period of the tower kill but heavy fog was present on the preceding night of the 28th and also on the following night of the 30th.

The 1979 Knox County Fall Count was conducted on the same date on which the tower kills were discovered. This provided a unique opportunity to compare the relative abundances of nocturnal migrants collected from the tower kills to the relative abundances of the same species based on Fall Count data. Since warblers

TABLE I

COMPLETE LIST OF ALL BIRDS COLLECTED UNDER THE WATE AND WBIR TV TOWERS KNOX COUNTY, TENNESSEE ON 30 SEPTEMBER 1979.

<i>Species</i>	<i>WATE</i>	<i>WBIR</i>
House Wren	1	0
Long-billed Marsh Wren	1	1
Unidentified Wren	1	1
Catbird	6	3
Brown Thrasher	1	0
Wood Thrush	11	2
Swainson's Thrush	9	1
White-eyed Vireo	4	0
Yellow-throated Vireo	3	0
Solitary Vireo	1	0
Red-eyed Vireo	45	5
Philadelphia Vireo	5	0
Black-and-White Warbler	10	2
Tennessee Warbler	28	6
Northern Parula	1	0
Magnolia Warbler	8	0
Cape May Warbler	1	1
Black-throated Blue Warbler	2	0
Black-throated Green Warbler	2	0
Blackburnian Warbler	7	2
Yellow-throated Warbler	1	0
Chestnut-sided Warbler	6	1
Bay-breasted Warbler	56	6
Prairie Warbler	1	0
Palm Warbler	6	0
Ovenbird	40	8
Common Yellowthroat	8	4
Yellow-breasted Chat	1	0
Hooded Warbler	0	1
Wilson's Warbler	1	0
Canada Warbler	1	0
American Redstart	1	2
Scarlet Tanager	6	0
Rose-breasted Grosbeak	2	0
Unidentified	3	2
GRAND TOTAL	280	47

and vireos comprised 84 per cent of the total tower kill, the relative proportions of these species were compared using tower kill and Fall Count data. Results of the comparison indicated that Bay-breasted Warblers were the most abundant warblers on this date according to both the tower kill data (22 per cent of all warblers and vireos combined) and the Fall Count records (17 per cent of all warblers and vireo sightings). Tennessee Warblers accounted for approximately 13 per cent of warblers and vireos in both tower kill and Fall Count. Differences in estimates of relative abundance were evident when comparing Red-eyed Vireos and Ovenbirds. The 50 Red-eyed Vireos collected from the tower kills accounted

for 18 per cent of the dead warblers and vireos while the 31 Red-eyed Vireos reported on the Fall Count represented only six per cent of warbler and vireo sightings. The 48 Ovenbirds from the tower kill represented 17 per cent of the dead warbler and vireos but only five live Ovenbirds (less than one per cent of all warbler and vireo sightings) were reported on the entire day-long Knox County Count. The differences in abundance in these two species may be due to large numbers of migrating birds passing through the area at night without stopping, or, particularly in the case of the Ovenbird, failure of Fall Count participants to record inconspicuous or silent birds in proportion to their true abundance.

We would like to express our appreciation to Dr. J. C. Howell who helped in identification of the birds. Specimens were contributed to the osteological collection maintained by Dr. Paul Parmalee of the University of Tennessee, Department of Anthropology, Knoxville, and to the National Museum of Natural History, Washington, D. C.

LINDA TURNER, Rt. 4, Box 541, Valley Lane, Clinton, Tn. 37716. MARCIA DAVIS, 4154 Jomandowa Lane, Knoxville, Tn. 37919. Accepted 17 May 1980.

BOOK REVIEW

BIRD FINDING IN TENNESSEE. By Michael Lee Bierly. Published by and available from: Michael Lee Bierly, 3825 Bedford Ave., Nashville, TN 37215. 255 p., numerous photographs and maps. 1980. \$8.00 postpaid. — The guide is divided into the three major birding regions of the State; West, Middle, and East. A map precedes each region generally locating the birding areas described in that region. Most birding areas have a detailed map that you can refer to as you read the written material about that area. Usually, in each section you are directed along a birding route. Along this route the most important birding areas are pointed out and the birds to be expected are listed.

One of the more valuable features of this book is a list of 342 species of birds that have occurred in Tennessee. This list discusses the status and abundance in the State for each species.

Other important features include a birders' directory for the State. The directory includes the name, address, and telephone number for 49 birders distributed across the State who are willing to assist other birders. There is also a list of chapters of the Tennessee Ornithological Society. The information about each chapter includes: a list of local birding contacts with phone numbers, chapter meeting locations and times and chapter activities.

This guide is highly recommended for both beginner and advanced birders.

GARY O. WALLACE

THE 1979 CHRISTMAS BIRD COUNT

RICHARD D. LURA

One hundred thirty-one (131) species were seen on the 18 counts run across the state. The low species count can be partly blamed on the mild weather previous to the counts. Very few northern species were driven south as is reflected in the shortage of northern finches and the low waterfowl counts. It is somewhat interesting that the absence of these northern species was not accompanied by proportional increases in retention of migrants. The passerine and shorebird totals are average to low also.

The highpoints of the count were the Surf Scoter at Nashville and the Brown-headed Nuthatches at Chattanooga.

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

INFORMATION ON THE COUNTS

MEMPHIS—16 Dec.; 0645 to 1645; cloudy; temp. 40 to 55°F; wind NW, 3-20 mph; 32 observers in 14 parties; 125 party hours (95 on foot, 30 by car); 194 party miles (74 on foot, 120 by car).

Diane Bean, David Brown, Carolyn Bullock, Richard Caldwell, Frederick Carney, Lula Coffey (co-compiler), Ben B. Coffey, Jr. (co-compiler, 672 N. Belvedere, Memphis 38107), Mary Davant, Helen Dinkelspiel, Jack Embury, Jim Ferguson, Sue Ferguson, Wm. B. Fowler, Van Harris, James Holt, Russell Jones, Allan Larrabee, David Morris, George Owen, Jr., Peggy Owen, George Payne, Jr., Rob Peeples, William Peeples, Ernest Restivo, Alice Smith, Arlo Smith, Noreen Smith, Richard Taylor, Martha Waldron, Bobby Whittemore, Wendell Whittemore, Richard Whittington.

Of the Snow Geese, nine were of blue form. Western Meadowlark singing.

REELFOOT—23 Dec.; 1400 to 1600; mostly cloudy, intermittent rain; temp. 52 to 57°F; wind S, 5-10 mph; 7 observers in 5 parties, 34 party hours (14 on foot, 16 by car, 4 by boat + 2 owling); 182 party miles (16 on foot, 160 by car, 8 by boat).

Ben Coffey, Lula Coffey, Wendell Crews, Don Manning (co-compiler), Gina Manning (co-compiler, Box B, Bells 38006), David Pitts, Bettie Sumara.

Of the Snow Geese, 5 were of the blue form. The Golden Eagle was an immature. Of the Bald Eagles, 46 were immature.

ASHLAND CITY—15 Dec.; 1430 to 1950; clear; temp. 15 to 45°F; wind S, 5 mph; 14 observers in 5 parties; 55 party hours (34 on foot, 21 by car); 251 party miles (36 on foot, 215 by car).

Jan Alexander, Michael Bierly, Anne Collins, Craig Empson, Tom Harston, Johnny Herbert, Oliver Lang, Margaret Mann, Rocky Milburn (compiler, 1704 Stewart Place, Nashville 37203), Betty Richards, Sonny Richards, Pat Stallings, Carol Stewart, Miriam Weinstein.

The Bald Eagle was an immature.

COLUMBIA—28 Dec.; 0400 to 1800; overcast; temp. 35 to 50°F; wind NE, 0-10

THE 1979 CHRISTMAS BIRD COUNTS

	Hemp	Reel	Ash	Colu	Nash	Hick	Murf	Leba	High	Cook	Chat	Knox	GSNN	Gre	King	Eliz	Briz	Roan
Common Loon	1					3			3								2	
Horned Grebe						26			8		14							
Pied-billed Grebe	9	1	6	52	4	6	6	17	10	2	24	30		2		4	20	
Great Blue Heron	10	12	45	11	5	19			4		4	45	1	8		1	14	
Green Heron			1															
Blk-cr. Night Heron						1			2									
Trl-cr. Night Heron	1																	
Great (sp.)																		
Canada Goose	6	184	139	255	88	407		300	564		6			24	60			
Snow Goose	18*	8*																
Mallard	31	263*	523	83		218	4	203	523	2	40	57	7	510	46	12	130	
Black Duck	1	9*	110	11		6		23	100		46	172		195		21		
Green-winged Teal	34	2	34	52	40	13	26	24						4				
Pintail	2	110	3					3										
Green w. Teal	2	85	32									6		10				
Blue w. Teal	10							5										
American Merganser			10	3							25	18		2		15	1	
Northern Shoveler	1	375	15					1										
Wood Duck	44	80	8	15	6	4				2				8			2	
Ring-necked Duck	56	1	34	15	205	17	18			2	10	6		30	31	6		
Canvasback	5	35		5	6									3				
Lesser Scaup	4		2	22	131	6		20			35	3				13		
Greater Scaup											150							
Scaup (sp.)		125												8		1		
Common Goldeneye	4	30	3	4	7	4			6		21	6		2		17		
Bufflehead	2	20				17			22	5	24	4		2		50	1	
Hairy Woodpecker	7	30	1			1												
Hoopoe	2	20	1	2		3			31		2	34		1				
Common Nighthawk		5									2							
Red br. Nighthawk																		
Turkey Vulture	1		105	5	3	3	3	13	5	1			2			1	20	
Black Vulture	34	84	86	122	4	21	50										85	
Sharp-sh. Hawk			1		3	1					3	2		1				
Cooper's Hawk		2					1	2	1									
Red-tailed Hawk	31	16	18	24	27	5	10	7	8	3	17	15	1	2	1	4	5	3
Red-shouldered Hawk	1	1	1		1	3	1				2		1					
Belted Hawk																		
Burrowing Owl																		
Screech Owl (sp.)																		
Marsh Hawk	10		2	3	1		5	2		2	1			1				
Golden Eagle		1*																
Bald Eagle		89*	1*															
Merlin																		
American Kestrel	20	23	13	21	37	26	24	12	12	2	7	16	3	2	2	6	17	

mph; 12 observers, 9 in three parties plus at feeders; 31½ party hours (17½ on foot, 13 by car, 1 by plane); 369 party miles (14 on foot, 255 by car, 100 by plane).

Elizabeth Anderson, Kenneth Anderson, Barbara Finney, Anne Lochridge, Bedford Lochridge, Mary Lyles, George Mayfield, Jr. (compiler, 999 Sunnyside Dr., Columbia 38401), Mark Mayfield, Allen Pressnell, Diane Pressnell, James Satterwhite, Charles Thomas.

Seen Count Week—Sharp-shinned Hawk, gull (sp.) Barn Owl, 2, was accidentally omitted from the chart.

NASHVILLE—29 Dec.; 1545 to 1800; partly cloudy to overcast; temp. 35 to 56°F; wind NW, 0-5 mph; 46 observers in 11 parties; 96½ party hours (58½ on foot, 38 by car) plus 6 owling; 332 party miles (33 on foot, 299 by car).

	Hump	Real	Ash	Colu	Wash	Rick	Murf	Leba	High	Cook	Chat	Knor	GSW	Grease	King	Ellis	Bris	Roan
Ruffed Grouse																		
Bobwhite	161	2	33	49	44	81		43			10		8	30	19			
Turkey	10	6							4									
Virginia Rail																		
Sora																		
American Coot	309	1-2W	18	520	50	135			24		14	982		31	42	1	34	
Killdeer	82	2	32	14	95	50		216	16	8	33	90		2	2	9	18	
American Moorhock	5																	
Common Snipe	7	2	69	6	20	8		4			1	48		1	2	16	13	
Spotted Sandpiper	1																	
Pectoral Sandpiper	1																	
Herring Gull	4	40						21			3	11						
King-billed Gull	160	90	5					293			79	331				2	45	
Bonaparte's Gull								45										
Bark Dove	1	12	47	106	149	102			38	15		991	295		5	230	118	78
Mourning Dove	232	7	113	16	225	118	76	61	5	42	458	411	162	89	31	145	209	
Screech Owl		1	3	5	3	12	2		2		4	10	3	3	2	2	4	
Ot.-horned Owl		1	3	5	4	2						4	1					
Barred Owl		2	5	3	4	2		2										
Belted Kingfisher	11	9	23	10	31	16	2	3	3	1	12	39	12	8	5	17	6	3
Common Flicker	168	79	40	20	77	24	6	16	7	5	22	68	12	17	9	10	10	
Pileated Woodpecker	18	19	112	10	35	12	2			3	5	30	25	12	7	12	11	
Red-bellied Woodpecker	108	61	56	33	124	20	7	15	9	7	10	35	6	1	5	7	9	
Red-headed Woodpecker	12	38	6	1														
Water Woodpecker	17	5	10	10	31	8	1	4	2		4	53	12	1	14		1	9
Downy Woodpecker	80	50	55	47	131	31	12	19	9	4	22	10	42	18	14	22	29	
Yel.-bel. Sapsucker	24	11	12	3	13	3	5	2		5	5		4	1		5	1	1
Eastern Phoebe		1	4															
Horned Lark	92	7	33		27						6							
Blue Jay	261	68	91	32	210	89	50	124	79	30	78	188	76	48	53	105	103	
Common Raven																		
Common Crow	73	105	62	70	292	165	35	78	508	27	172	289	204	219	73	800	245	30
Carolina Chickadee	207	92	66	64	414	118	56	92	12	14	83	286	483	39	48	122	94	31
Black-c. Chickadee																		
Tufted Titmouse	85	36	94	29	324	34	16	73	26	13	50	82	98	21	82	70	37	18
White-br. Nuthatch		14	36	1	61	1			6	4	14	12	17	3	10	12	15	5
Red-br. Nuthatch		3	1												3	6	1	2
Brown Nuthatch		3	1												2	9		
Brown Creeper	22	5	7	3	23	14	1				5			15	2	3	4	8
House Wren	3																	
Winter Wren	14	10	2	1	7	3					1	2	5	2	5	2	2	
Beard's Wren																		
Carolina Wren	100	37	29	20	91	47	2	4	4	7	32	105	53	31	20	46	14	4
Junco Wren																		
Mockingbird	143	23	30	31	137	63	53	22	17		44	82	10	22	13	33	43	1
Gray Catbird																		
Brown Thrasher	13	1	2	1	8	5	1	2	7	2	6	1	1	6				
American Robin	1-3W	69	36	11	408	51		27	1		18	455	68		122	15	6	
Hermit Thrush		6	3	3	2	1					8	3	2					
Eastern Bluebird	3		32	11	25			1	15	8	7	44	25	41	8	39	42	33

Frances Abernathy, Jan Alexander, Linda Anderson, Mildred Ansley, Randall Barnes, Sue Bell, Michael Bierly (compiler, 3825 Bedford Avenue, Nashville 37215), Vaunez Brakebill, Ralph Cazort, Jean Cobb, Bonnie Copland, Annella Creech, Sam Dement, Milbrey Dugger, John Ellis, Charles Farrell, Clara Fentress, Bill and Lucy Finch, Ray Fleischer, Ann Fort, Ann Foster, Katherine Goodpasture, Ben Groce, Tom Guschke, Bob Hatcher, Adriene Lyon, Portia Macmillan, Margaret Mann, Jane Maynard, Joe McLaughlin, Rocky Milburn, Marge and Oscar Patrick, Audrey and Don Perry, Dick Porter, Virginia Price, Pat Stallings, Helen Sterling, Dee Thompson, Lawrence Trabue, David Vogt, Kenneth and Sara Walkup, Lewis Winfrey.

Surf Scoter present since mid-November. Seen Count Week—Ruddy Duck.

	Memp	Reel	Ash	Colu	Wash	Hick	Hurf	Leba	High	Cook	Chat	Knox	GSM	Gre	King	Ellis	Bris	Roan
Golden cr. Kinglet	41	8	5	2	8	4	1	1	--	--	7	71	118	1	7	17	31	6
Ruby-cr. Kinglet	81	9	6	22	20	14	--	--	1	--	14	32	6	2	2	6	4	--
Water Pipit	--	3	--	--	--	--	--	--	--	--	4	--	--	--	--	--	--	--
Cedar Waxing	81	--	15	20	53	39	--	6	--	--	162	615	67	2	50	109	255	--
Loggerhead Shrike	17	9	14	7	27	17	5	4	2	1	1	7	3	--	--	2	1	--
Starling	1.6M	250M	759	400M	4.2M	1.9M	1.1M	515	1.7M	1.3M	3.8M	3M	442	493	700	2M	1.9M	41
Solitary Vireo	--	--	--	--	--	--	--	--	--	--	--	--	1*	--	--	--	--	--
Orange-cr. Warbler	--	--	--	--	--	--	--	--	--	--	--	--	1*	--	--	--	--	--
Yellow-rp. Warbler	82	57	80	36	159	46	28	19	6	3	57	237	56	43	--	73	28	--
Pine Warbler	--	2	--	--	--	--	--	--	--	--	1	1	--	--	--	--	--	--
Common Yellowthroat	--	1	--	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
House Sparrow	390	--	119	65	127	80	465	46	27	25	54	50	121	37	65	177	115	85
Eastern Meadowlark	176	44	243	54	277	108	134	34	95	--	88	104	132	7	4	88	39	--
Western Meadowlark	1*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Northern Oriole	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Red-wp. Blackbird	16M	1.2X	524	10M	905	1.0M	4	--	--	--	666	1.1M	10	--	--	1	414	--
Rusty Blackbird	148	14	21	1.2M	32	51	3	256	--	--	150	--	--	--	--	--	--	--
Brewer's Blackbird	--	--	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--
Common Grackle	3M	400M	55	200M	3.9M	5.2M	15	23	10M	19	445	100M	2	4	2	4	1.6M	--
Br. headed Cowbird	2.7M	80M	56	1.0M	1.5M	88	--	24	200	--	323	40	--	--	2	--	--	--
blackbirds (sp.)	--	--	--	--	250M	--	--	--	--	--	--	--	--	--	--	--	--	--
Cardinal	431	205	192	202	524	260	95	123	50	29	80	188	154	47	59	88	82	10
Evening Grosbeak	--	--	--	--	--	--	--	--	--	--	--	--	91	--	6	--	25	--
Purple Finch	17	--	54	42	102	25	23	1	23	1	94	125	6	17	14	34	31	1
House Finch	--	--	--	--	2	--	--	--	--	--	25	26	--	40	2	--	18	--
Pine Siskin	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
American Goldfinch	45	20	53	64	243	90	52	28	5	3	56	147	41	37	54	99	40	7
Red Crossbill	--	--	--	--	--	--	--	--	--	--	--	--	1	--	9	--	--	--
Rufous sp. Towhee	63	4	36	36	123	53	11	16	9	5	54	46	11	5	--	21	11	--
Savannah Sparrow	19	--	24	3	41	8	--	--	--	--	21	24	--	--	2	1	--	--
Vesper Sparrow	1	--	--	--	--	--	--	--	1	--	1	--	--	--	--	--	--	--
Dark-eyed Junco	371	117	426	88	401	100	18	72	19	16	81	59	275	32	123	157	83	71
Chipping Sparrow	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	8	1	--
Field Sparrow	126	69	116	85	302	101	9	28	22	38	77	150	76	60	51	65	44	9
White-cr. Sparrow	73	4	--	43	29	15	6	23	--	1	3	13	--	21	60	6	4	--
White-thr. Sparrow	881	211	192	210	560	195	15	128	45	56	308	1.2M	348	48	312	321	117	16
Fox Sparrow	48	15	2	4	17	14	4	--	--	--	--	3	--	--	6	1	--	1
Swamp Sparrow	98	53	245	53	130	63	--	21	5	--	14	36	2	--	10	4	10	3
Song Sparrow	172	50	107	43	150	113	4	10	22	16	96	371	123	38	191	210	57	26
Species Total	84	88	93	79*	82	76	47*	68*	61	42	88	72	63	63	55	67	69	27
Grand Total Species - 131																		
Grand Total Species - 131																		
*See information on counts.																		
M=1,000																		
X=1,000,000																		

HICKORY-PRIEST—31 Dec.; 1630 to 1730; overcast, light rain; temp. 39 to 41°F; wind NW, 6-10 mph; 21 observers, 17 in 7 parties plus 4 at feeders.

Frances Abernathy, Vivian Anderson, Michael Bierly, Annella Creech, Milbrey Dugger, John Ellis, Beth Evans, Katherine Goodpasture, Tom Harston, Louise Jackson, Carol Knauth, Hazel Kramer, Lee Kramer, Margaret Mann, Jane Maynard, Rocky Milburn, Marge Patrick, Pat Stallings (compiler, 406 N. 17 Street, Nashville 37206), Carol Stewart, Ann Tarbell, David Vogt.

MURFREESBORO—29 Dec.; 0600 to 1530; clear; temp. 35 to 60°F; 14 observers, 12 in 5 parties plus 2 at feeders; 61 party hours (17 on foot, 44 by car); 140 party miles (15 on foot, 125 by car).

Glenn Birdwell (compiler, Rt. 3, Compton Road, Murfreesboro 37130), Maria Birdwell, Low Erwin, Ann Hettish, Bob Hettish, Richard Hunter, Wilma Hunter, Rebecca Jones, Pat Martin, Gene Odom, Ruth Odom, Robert Sanders.

Barn Owl, 2, was accidentally omitted from the chart.

LEBANON—15 Dec.; 0100 to 1830; mostly clear; temp. 30 to 58°F; wind NW; 12 observers, 8 in 6 parties plus 4 at feeders; 44 party hours (12 on foot, 34 by car); 89 party miles (10 on foot, 79 by car).

Earline Berry, Mildred Bouton, Fred Detlefsen, Robert Hosier, Reid McKee, Ruth McMillan, Ray Pope, John Sellars, William Senter (compiler, 313 West Hills Drive, Lebanon 37087).

Barn Owl, 2, was accidentally omitted from the chart. Seen Count Week—Red-breasted Nuthatch.

HIGHLAND RIM—29 Dec.; 0700 to 1900; partly cloudy; temp. 40 to 56°F; 15 observers in 6 parties; 99½ party hours; 217½ party miles (4½ on foot, 213 by car).

Debi Acuff, Carroll Barr, Stan Barr, Rob Bingham, Bill Boyd, Effie Boyd, Katerine Cleckly, Marjory Harper (compiler, 305 Crestwood Drive, Tullahoma 37388), Glenn King, Ruth Luckadoo, Judy Kennedy, Sanford McGee, C. V. Rogers, Erma Rogers, Lillie Willard.

COOKEVILLE—28 Dec.; 0800 to 1430; fair; temp. 40s; 5 observers in 3 parties; 20 party hours; 67 party miles (2 on foot, 65 by car).

Kathryn Coward, Sam Coward (compiler, Box 118, Algoo 35801), Amy Johnson, Roy Sullivan, Florence Williams.

CHATTANOOGA—15 Dec.; 1545 to 2030; overcast to mostly clear; temp. 29 to 45°F; wind SW, 2-12 mph; 14 observers in 7 parties, plus 5 at feeders; 58 party hours (35 on foot, 23 by car); 373 party miles (22 on foot, 351 by car).

Kathy Anderson, Ken Dubke, Lil Dubke, Gertrude Fleming, Anne Gibson, Bill Hampton, Daniel Jacobson, Al Jenkins, Barbara Kelly, Elena Killian, Joe Stone, Randy Stringer (compiler, 3535 Mtn. Creek Rd., #1203, Chattanooga 37415), Bruce Wilkey, Mary Lou Wilkey.

Excellent details on unusual species.

KNOXVILLE—16 Dec.; 0530 to 1730; overcast; temp. 32 to 48°F; wind, calm; 16 observers in 9 parties; 70 party hours (34 on foot, 36 by car) + 7 owling; 358 party miles (38 on foot, 320 by car).

Betty Campbell, James Campbell, Howard Chitwood, Marcia Davis, Mary Ann Handel, Audrey Hoff, Ron Hoff, Joseph Howell, Tony Koella, Morton Massey, Charles Nicholson, Holly Overton, Paul Pardue, Boyd Sharp, James Tanner (compiler, Rt. 28, Box 155, Knoxville 37920), Linda Turner.

GREAT SMOKY MOUNTAIN NATIONAL PARK—30 Dec.; 1545 to 1700; overcast with intermittent rain; temp. 27 to 47°F; wind, variable 1-5 mph; 33 observers in 16 parties plus 1 at feeder; 113 party hours (70 on foot, 43 by car, 6 at feeder); 424½ party miles (87 on foot, 337½ by car).

Fred Alsop, Winnifred Brown, Stan Canter, Howard Chitwood, Dave Cooke, Marcia Davis, Don DeFoe (compiler, Rt. 2, Box 176, Gatlinburg 37738), Dedee Eiklor, John Eiklor, Katherine Foster, Paul Hartigan, Nona Hinkle, Ross Hinkle, Joe Howell, Tony Koella, Henry Lix, Louise McElroy, Ralph McElroy, Allison McNutt, Bill McNutt, Chuck Nicholson, Holly Overton, J. B. Owens, Paul Pardue, Ethel Ritchie, Lawrence Ritchie, Boyd Sharp, Lillian Smathers, Johnetta Smith, Louis Smith, Jim Tanner, Dave Turner, Linda Turner.

Solitary Vireo seen by Linda Turner and Marcia Davis. The Orange-crowned Warbler was seen by Fred Alsop.

GREENEVILLE—30 Dec.; 0730 to 1730; cloudy with rain; temp. 35 to 42°F; wind, 0-5 mph; 11 observers in 4 parties; 15 party hours (11 on foot, 1 by car, 3 by boat); 17 party miles (3 on foot, 13 by car, 1 by boat).

King Gaut, Mrs. King Gaut, Mrs. Markley Murray, Richard Nevius (compiler, Rt. 6, Greeneville 37743), Mrs. Richard Nevius, Doug Ratledge, Ken Ripley, Royal Spees, Mrs. Royal Spees, JoAnn Swecker, Virginia Williams.

KINGSFORT—22 Dec.; overcast; temp. 39 to 52°F; wind, calm; 7 observers in 5 parties; 46½ party hours (33 on foot, 13½ by car); 130 party miles (32 on foot, 98 by car).

Devonda Eiklor, John Eiklor, Charlotte Finucane, Tom Finucane (compiler, 1434 Watauga St., Kingsport 37660), Tom Laughlin, E. E. Scott, Arthur Smith.

Seen Count Week—Loggerhead Shrike.

ELIZABETHTON—16 Dec.; clear to overcast; temp. 20 to 53°F; wind 0-10 mph; 17 observers in 7 parties; 57 party hours (25½ on foot, 31½ by car); 304½ party miles (13½ on foot, 291 by car).

Bill Bridgeforth, Martha Dillenbeck, Hellenhill Dove, Glen Eller, Harry Farthing, Sally Goodin, Lois Herndon, Rick Knight, Joy Kyle, Dick Lura, John McGettrick, Ed Schell, Glen Swofford, Gary Wallace, Barbara Walsh, Jim Walsh, Jane Whitehead.

BRISTOL—29 Dec.; temp. 25 to 50°F; 10 observers in 5 parties; 41½ party hours (16 on foot, 23½ by car, 2 by boat); 319½ party miles (11½ on foot, 288 by car, 20 by boat).

Rockwell Bingham (compiler, 216 Melody Lane, Bristol 37629), Rosemary Bingham, Wallace Coffey, Kathy Cantrell, Brenda Hall, Joseph Jackson, Richard Lewis, Harry Sigel, Katherine Sigel, John Wright.

ROAN MOUNTAIN—27 Dec.; 1700 to 1630; clear; temp. 19 to 43°F; wind, 0-20 mph; 4 observers.

Glen Eller (compiler, Rt. 3, Grandview Terrace, Elizabethton 37643), Rick Knight, Ed Schell, Glenn Swofford.

THE SEASON

FRED J. ALSOP, III, *Editor*

WINTER SEASON: 15 NOVEMBER - 15 MARCH, 1979-80

The winter of 1979-80 was much milder than the two preceding ones and there generally were not large numbers of waterfowl wintering on the lake and reservoir systems within the state. Only 5 Whistling Swans were reported, one in the Central Plateau and Basin and the others in the Eastern Ridge and Valley. Scoters were found by ones and twos in all regions except the Western Coastal Plain: a Black Scoter in the Ridge and Valley, White-winged Scoters in the Eastern Mountain and the Central Plateau and Basin, and a Surf Scoter in the last region. A White Pelican was seen in late November in the Western Coastal Plain.

Large numbers of raptors were reported by all compilers except in the Central Plateau and Basin. The Tennessee Wildlife Resources Agency's midwinter eagle survey was better planned and executed this year with the resulting total of 272 Bald Eagles scored during the census within Tennessee; up from the 205 recorded last year (Table 1). Two Peregrines and 2 Merlins were the only nonresident falcons reported, both species were seen in the Eastern Ridge and Valley. The Ridge and Valley and the Eastern Mountain regions each reported a single wintering Goshawk. No Short-eared Owls could be found at the Smyrna Airport where they have been regular in recent winters and where a habitat change, the planting of soy beans, may have made the area less suitable for them. One was located in the Western Coastal Plain and constitutes the only report from the state for the season.

The November-December southward movements of Sandhill Cranes are again documented in the reports of the Central Plateau and Basin and the E. Ridge and Valley regions, as are the observations of the species spring migration. The numbers of cranes counted in the spring flights are the largest on record in the Ridge and Valley.

The more pleasant temperatures of this season may have influenced several passerine species to linger longer before moving to more southerly climes and induced others not to travel further at all. Long-billed Marsh Wrens were found in all the regions except the Eastern Mountain. Short-billed Marsh Wrens were found in the Western Coastal Plain and House Wrens were located in the Central Plateau and Basin at two different sites. Orange-crowned Warblers were found in mid-winter in the Western Coastal Plain and in Great Smoky Mountains National Park. A Palm Warbler wintered in the Ridge and Valley and Common Yellowthroats were seen in the Central Plateau and Basin.

Wintering northern songbirds and Northern Finches did not make impressive

TABLE 1
1980 BALD EAGLE MIDWINTER SURVEY SUMMARY

Location	Bald Eagle			Golden Eagle		Date	Agency
	Adult	Imm.	Total	Adult	Imm.		
<u>West Tennessee</u>							
Ky. Lake - Stewart Co.	1	4	5	-	-	1/4/80	TVA
Ky. Lake - Remainder	2	23	25	-	1	1/2/80	FWS
Barkley Lake	1	-	1	-	-	1/4/80	TVA
Cross Creeks - NWR	1	1	2	-	-	1/11/80	FWS
Hatchie NWR	-	1	1	-	-	1/4/80	FWS
Dyer County	-	2	2	-	-	1/4/80	TWRA
Reelfoot Lake	91	71	162	2	-	1/2/80	FWS
Totals	96	102	198	2	1		
<u>Middle Tennessee</u>							
Cheatham Res	1	-	1			1/11/80	COE
Old Hickory	0	-	0			1/14/80	COE
Percy Priest	0	-	0			1/11/80	COE
Montgomery Co.	-	-	-	1		1/13/80	TWRA
Cordell Hull	2	2	4		1	1/14/80	COE-TWRA
Center Hill	3	3	6	1		1/10/80	COE-TOS
Auburntown	-	-	-		1	1/11/80	TOS
Dale Hollow	23	13	36			1/11/80	TWRA
Dale Hollow*	13	8	21			1/11/80	COE
Woods Reservoir	1	1	2			1/11/80	TWRA
Totals	30	19	49	2	2		
<u>East Tennessee</u>							
John Sevier			0			1/12/80	TOS
Boone Res.			0			1/12/80	TOS
Patrick Henry			0			1/12/80	TOS
South Holston			0			1/12/80	TOS
Cherokee Res.			0			1/12/80	TOS
Watauga Res.			0			1/12/80	TOS
Douglas Res.			0			1/5/80	TWRA
Norris Res.		2	2			1/12/80	TOS
Norris Res.	5		5			1/13/80	TVA
Pt. Loudon	2		2			1/10/80	TVA
Watts Bar	5	2	7			1/10-12/80	TVA
Chickamauga	5	3	8			1/10-12/80	TVA-TOS
Nickajack	1		1			1/10-12/80	TVA-TOS
Totals	18	7	25				
GRAND TOTALS	144	128	272	4	3		

*Used higher TWRA count for totals.

showings this season with the possible exception of the "invasion" of Cedar Waxwings in the Nashville and Clarksville areas of Middle Tennessee. Most regions reported either no or very few Red-breasted Nuthatches. Purple Finches were recorded in lower numbers than usual and almost no Pine Siskins were seen. Evening Grosbeaks were found in all regions except the Western Coastal Plain for the first time in three years in any numbers, but only the Eastern Mountain Region had even moderate flocks. Dickcissels are not often reported from the state during the winter months but several are in this season's report from the Central Plateau and Basin.

House Finches introduced into the northeastern states continue to increase their numbers as wintering species and visitors to feeding stations in Tennessee. This report lists them from all four regions and in impressive numbers in the Nashville area and in the Ridge and Valley. It seems only a matter of time until the House

Finch is discovered as a nesting species in Tennessee. Details of these observations and many more follow. Your compilers are waiting your records for next "season" now.

WESTERN COASTAL PLAIN REGION—Winter populations of Purple Finches and American Goldfinches were low for the season even though some feeding stations reported large concentrations. There was a greater increase in the number of sightings of birds of prey than evey previously recorded.

Pelican-Eagle: **WHITE PELICAN**: 24 Nov (1) R (WGC). Snow Goose: 1 Jan (29, 25 Blue Morphs, 4 Snow) Island 21, Dyer Co. (WGC). Blue-winged Teal: 10 Mar (20) TWMA (WGC). Sharp-shinned Hawk: 9 Mar (2) HP (AL, RJ); several additional reports within Shelby County. Cooper's Hawk: 6 Jan (1) M (BBC); 26 Jan (1) M (MW, JaW), there were other Cooper's Hawks reported without specific dates recorded. Red-shouldered Hawk: 1 Jan (1) PF (JD), Oct-Dec (1) M (JD, JaW). Bald Eagle: 6 Dec (1 imm) TVA Steam Plant (DM); 31 Dec (1 adult) M (JD); 29 Feb (2) M (MZ).

Plover-Finch: American Golden Plover: 14 Mar (150) PF (BBC, LCC, MCTOS). Greater Yellowlegs: 4 Nov (6) H (JGH); 10 Mar (9) TWMA (WGC). Lesser Yellowlegs: 11 Mar (4) TWMA (WGC). Pectoral Sandpiper: 14 Mar (12) PF (LCC, MCTOS). Following are two old records that were not previously printed but are included here so a written record is available. **RED KNOT**: 2 Sep 1974 (2) PP (MLB, JGH), this is the 5th State record. **MARBLED GODWIT**: 28 Aug 1977 (1) PP (Mlb, TNH). **SHORT-EARED OWL**: 10 Mar (1) D (WGC). Tree-Swallow: 11 Mar (1) TWMA (WGC). Long-billed Marsh Wren: 22 Jan (1) R (DJ, KD, DC, PC). Short-billed Marsh Wren: 2 Feb (1) HP (JF, SF, MW); 9 Mar (1) HP (AL, RJ). Eastern Bluebird: 13 Jan (31) Lauderdale Co. Tenn 87 (JW). Orange-crowned Warbler: 22 Jan (1) R (DJ, KD, DC, PC). Indigo Bunting: 23 Feb (1) R (JS). **HOUSE FINCH**: 4 Dec - 24 Jan (1) H (SH, *fide* GM).

Locations: D—Dyersburg; H—Hopefield, TN west of downtown Memphis; PF—Penal Farm, Shelby Co.; R—Reelfoot, Lake Co.; TWMA—Tigrett Wildlife Management Area, Dyer Co.; TVA—TVA Steam Plant, Southwest Shelby Co.

Observers: MLB—Michael L. Bierly; BBC—Ben B. Coffey, Jr.; DC—Dot Crawford; LCC—Lula C. Coffey; PC—Paul Crawford; WGC—William G. Criswell; KD—Kathy Davidson; JD—Jon Devore; JF—Jim Ferguson; SF—Sue Ferguson; JGH—James G. Holt; SH—Sarah Hayes; TNH—Thomas N. Harston; RJ—Rusty Jones; AL—Al Larrabee; DM—Don Melton; GM—Gina Manning; MCTOS—Memphis Chapter of TOS; JS—John Stokes; MW—Martha Waldron; JaW—James Waldron; JW—Jeff Wilson; MZ—Margie Zeman.

MARTHA WALDRON, 1626 Yorkshire Drive, Memphis 38117.

CENTRAL PLATEAU AND BASIN REGION—After three consecutive record or near record cold, snowy winters, the winter of 1979-80 was near normal. The numbers of birds in the field and at feeders generally were thought to be down.

Loon-Hawk: Common Loon: 12 Nov (350—exceptional number) Woods Reservoir (KLD, EK); as usual, a few wintered in the region with the most reported 26 Jan (6) Woods Reservoir (RL, MH). Double-crested Cormorant: 3 Nov (2) and 17 Nov (1) Old Hickory L (CS, ADP). Green Heron: 15 Mar (1) Percy Priest L (ADP). Cattle Egret: 14 Nov (1) Monroe Community, Overton Co (JDH). Black-

crowned Night Heron: 31 Dec (1) Metro Center, Nash (DV); 6 Mar (2 ads) Old Hickory L Dam (DPC). Yellow-crowned Night Heron: 24 Feb (1) Seven Mile Creek, Nash (JB *vide* ADP). *WHISTLING SWAN*: 11 Dec - 9 Mar (1) Hillsboro (ER). Redhead: 12 Nov (1,500) Woods Reservoir (KLD, EK); 10-15 Mar (350) Gallatin Steam Plant (DPC). Ring-necked Duck: 12 Nov (150) Woods Res (KLD, EK); 10 Mar (808), 15 Mar (1,300) Gallatin Steam Plant (DPC); 4 Nov (350), 25 Nov (700) Gallatin Steam Plant (DPC). Canvasback: 12 Nov (500) Woods Res (KLD, EK). Ruddy Duck: 12 Nov (250) Woods Res (KLD, EK). Hooded Merganser: 12 Nov (160) Woods Res (KLD, EK). Red-breasted Merganser: 12 Nov (500) Woods Res (KLD, EK). *WHITE-WINGED SCOTER*: 10 Mar (2) Normandy L (RTL). *SURF SCOTER*: 18 Nov - 5 Jan (1) Radnor L (MLB). Sharp-shinned Hawk: reports from (1) western Pickett Co (1) Hillsboro (1) Nashville (shot), (1) Gallatin. Cooper's Hawk: reported from (1) Hillsboro (2) Nashville. Several additional unidentified accipiters were seen at feeding stations during the winter in Nashville. Rough-legged Hawk: decidedly fewer than the past several years, possibly due to the milder winter. 11 Nov - 2 Mar a minimum of 6 individuals from Maury Co (1), Overton Co (1), Rutherford Co (1), Smith Co (1), and Sumner Co (2) (RH, KLD, RBN, CPN, DPC, KA).

Grouse-Gull: Ruffed Grouse: 21 Feb (1) Barr's home on Woods Reservoir—rare west of the Cumberland Plateau (CSB). Sandhill Crane: southward migration flights mainly observed in Dec; 11 Nov (40) Savage Gulf (KR); 12 Nov (40) Richman, Overton Co (RZ *vide* RH); 3 Dec (87), 8 Dec (80) Byrdstown (DRH); 9 Dec (42) Brotherton Mt, Putnam Co (RS). Two flights of cranes were recorded during their spring migration; 8 Mar (unknown number heard) Byrdstown (JDH); 16 Mar (30) Byrdstown (RH). Virginia Rail: wintered Monsanto Ponds, Columbia (MLB). Sora: wintered Monsanto Ponds, Columbia (MLB). American Golden Plover: 19 Nov (1) Metro Center, Nash (DV). American Woodcock: all singing birds; 29 Dec (4) Nashville (Xmas Count); 31 Dec (3) Hickory-Priest (Xmas Count); 15 Dec (2) Ashland City (Xmas Count). These widespread observations were probably due to the mild temperatures and mark the first time the species has been recorded on all 3 counts during the same Christmas count period. Western Sandpiper: 4 Nov (3) Gallatin Steam Plant (DPC). Bonaparte's Gull: were few during the winter with a slight increase recorded in February.

Owl-Waxwing: *SHORT-EARED OWL*: After several consecutive years of observations no Short-eared Owls were reported this winter. The fields at Smyrna Airport have been planted in soybeans but the adjacent Percy Priest Wildlife Management Area could provide the necessary wintering habitat. Chimney Swift: 3-4 Nov (1) Radnor L (KAG, MLB). Horned Lark: no large flocks were reported and the small winter flock at the beach area on Old Hickory L, seen for a number of years, did not materialize—there were no extended periods of snow cover. Barn Swallow: 15 Mar—earliest (1) Hillsboro (ER). Red-breasted Nuthatch: almost nonexistent throughout the winter. *HOUSE WREN*: 31 Dec (1) Old Hickory L—2nd winter record Nash area (MLB, OL); all winter to 4 Feb (1) Cookeville (RS). Long-billed Marsh Wren: 15 Dec (2) Pardue's Pond, Dickson Co (MLB, OL). Gray Catbird: 22 Dec (1) Love Circle, Nash (JLA). Eastern Bluebird: 12 Jan (45) Pickett Co (DRH). Cedar Waxwing: 12 Jan (172) western Pickett Co (DRH). Beginning in mid-February to late March a massive movement in Middle Tenn described by Nashville and Clarksville birders as the most waxwings ever observed in their areas. Many flocks of 100 were seen with reports into the thousands. Examples: 1-9 Mar (1000-500) Brentwood (VP); late Feb - Mar (500) Franklin Rd,

Nash (AN); 10 Mar (200) Manchester (VA); 13 Mar (1000) Crieve Hall, Nash (LJ); 15 Mar (2000) Madison (RR); The normal number of 20-30 seen in Gallatin (DPC).

Warbler-Sparrow: Tennessee Warbler: 3 Nov (1) Nash (JM). Magnolia Warbler: 2 Nov (1) Nash (JCA). Black-throated Green Warbler: 10 Nov (1) Craggie Hope (NTOS); 12 Nov (1) Nash (FA, BW). Bay-breasted Warbler: 2 Nov (1) Nash (MLM). Pine Warbler: 15 Dec (2) Cheatham L Dam (RJM, TNH). Common Yellowthroat: 15 Dec (1) Cheatham L (MLB, OL); 29 Dec (4) 2 locations, Nash (MLB, DV, RC, RJM, DT). *NORTHERN (BALTIMORE) ORIOLE*: 29 Dec to end of period (1) feeder, Nash, special foods were placed out for it which the bird guarded against intruders including a mockingbird (JH, VB). *DICKCISSEL*: 17-23 Nov (1) Bellevue (VB); 5 Dec to end of period (2) Gallatin (DPC); 20-23 Feb (1-2) Nash (VB); 3 Mar to end of period (2) Nash (LM)—possibly same birds as 20-23 Feb observation as sites are 1 mile apart. There are limited winter records for Dickcissels in Middle Tennessee. Evening Grosbeak: 30 Nov - 2 Dec (1) Gallatin (BH); 5 Dec (2) Nash (AN); late Dec to end of period (up to 30) Loretto, Lawrence Co (DS); 9 Feb (1) Smithville (HA); 18 Feb to end of period (8-10) South Harpeth Valley (NEW). Purple Finch: this winter was considered by Nashville birders as the lightest one could remember for the species. A number of feeders attracted none and most had only 20-30 birds. In late Feb and early Mar a few more birds moved in. Other winter observations: (up to 60) Cookeville (Simmers); (up to 75) Columbia (Pressnells); (max of 200) Woods Reservoir (Barrs)—all at feeders. *HOUSE FINCH*: Biggest surprise of the winter was the invasion of this species. In Nashville a few birds appeared beginning 15 Nov, and by early Dec individuals were scattered all around the city. Dot and Paul Crawford fed up to 30 regularly in Gallatin. Katherine Goodpasture banded 13 at her home and birds with shiny bands were seen as far away as 1.6 miles. 7 Feb (3) Manchester (VA); 9-11 Feb (1) Tullahoma (RL). Pine Siskin: no reports. Vesper Sparrow: 5 Dec (1) Hillsboro (ER); 29 Dec (1) Bell's Bend, Nash (RJM, DT).

Observers: FA—Frances Abernathy; JCA—Jan C Alexander; KA—Kenneth Anderson; VA—Virginia Angstadt; HA—Harry Avery; CSB—Carroll and Stan Barr; MLB—Michael L Bierly; JB—Jessie Bilbrey; VB—Barnez Brakebill; RC—Ralph Cazort; DPC—Dot and Paul Crawford; KLD—Ken and Lil Dubke; KAG—Katherine A Goodpasture; BH—Bessie Hagan; MH—Marjory Harper; TNH—Thomas N Harston; DRH—Dave and Robbie Hassler; JDH—J D Hassler; RH—Robbie Hassler; JH—Judy Hay; LJ—Louise Jackson; EK—Elena Killian; OL—Oliver Lang; RL—Ruth Luckado; RTL—Ruth and Tom Luckado; MLM—Margaret L Mann; LM—Loys Marsden; JM—Jane Maynard; RJM—Rocky J Milburn; AN—Ann Nichols; CPN—Charles P Nicholson; ADP—Audrey and Don Perry; VP—Virginia Price; RR—Richard Rimmer; KR—Kathy Robertson; ER—Erma Rogers; DS—Don Simbeck; RS—Richard Simmers; NTOS—Nashville Chapter Tennessee Ornithological Society; CS—Carol Stewart; DT—Dee Thompson; DV—David Vogt; RBW—R Bruce Wilkey; BW—Betty Wise; NEW—N E Witthauer; RZ—Rex Zimmerman.

MICHAEL LEE BIERLY, 3825 Bedford Avenue, Nashville 37215.

EASTERN RIDGE AND VALLEY REGION—Glen Eller in his comments from the Elizabethton-Johnson City area described their season as "very dull." Nicholson from the Knoxville region mentioned the mildest winter in several years and that Winter Wrens, Carolina Wrens, Hermit Thrushes and Brown Thrashers

were present in good numbers. On the other hand, Steve Stedman from the same area stressed there were no Winter Wrens and the House Finch was increasing dramatically. In the Chattanooga section the mild weather apparently encouraged several species to linger. Some of these included Green Heron, Greater Yellowlegs, Long-billed Marsh Wren and winter Palm Warblers.

Overall waterfowl populations seemed to be lower except for the newly filled (late November) Tellico Lake. The lake had spectacular numbers of ducks due to the acres of corn stubble, weed fields, etc. submerged by the shallow waters. Unfortunately, these high populations will not last for long as the vegetation rots and the areas become mudflats. All time high counts for both Pintail and Green-winged Teal were recorded for the Hiwassee River Area.

The number of observations for birds of prey is very encouraging.

A very close reading of the report will reveal a little of what we know and a great deal of what we don't know. In our opinion, as we evaluate the records, it has been a most rewarding period. Keep those observations coming!

Loon-Merganser: a few scattered numbers during the period; max 11 Nov (28) NL (KLD); 13-14 Nov (45) BL (RK). Horned Grebe: reported from several areas; max 10 Dec (15) ChL (KLD, RBW). Pied-billed Grebe: only comments were small numbers (max 23) ChL (mob). Double-crested Cormorant: 1-3 irregular HRA (KLD); 13-14 Nov (2) BL (RK). Great Blue Heron: regular, max 17 Dec (140) HRA (KLD); 12-15 all period BL (ETOS); lesser numbers (max 38) on DL than previous two years, probably because the lake was full till Dec (TK). Green Heron: 4 Nov (1) HRA (EK, Guy Killiam); 3 Jan (1) JC (MD). *WHISTLING SWAN*: 13 Nov (1) FLL (*vide* Sam Venable); 6 Dec - 8 Mar (1) TL (DH, WKJ, CPN); 2-17 Feb (1 ad, 1 imm) MHL (WKJ *et al.*). Canada Goose: 25 Jan (275) Kpt (FJA); Canada Goose: up to 1000 HRA with few noted elsewhere (mob). Snow Goose: 4-8 Nov (7 white, 8 blue) MHL (Georgia Flynn *vide* JBO); 18 Dec (1 blue) Cove Lake (WKJ); 14, 15 Mar (4 white, 2 blue) EBFH (DH, WKJ). Mallard: 21 Jan (500) HRA (KLD); 19 Jan (300) DL (TK); 8 Mar (1200) TL (DH, CPN). Black Duck: 8 Mar (150) TL (DH, CPN); max 75 HRA (KLD). Gadwall: 11 Nov (335) NL (KLD). Pintail: 8 Mar (200) TL (DH, CPN); peaked at 165 first three weeks of Jan HRA (KLD); 25 Jan (30) Kpt (FJA). Green-winged Teal: numbers peaked at 200 during first three weeks of Jan. This is the largest number ever observed HRA (KLD); 25 Nov (30) DL (TK). Blue-winged Teal: 23 Nov (5) HRA (LD); 4 Mar (3) SB (KLD). Am. Wigeon: regular, max 27 Nov (200) HRA (KLD); 26 Feb (200) JCo (TK). No. Shoveler: 13 Nov (1) BL (RK); 16 Feb (2) Lou (SBS). Redhead: 8 Mar (1000) TL (DH, CPN); this is the largest number recorded in the region since 1960; 1-90 scattered ChL (KLD); 10 Feb (10) DL (TK). Ring-necked Duck: max 18 Feb (250) ChL (KLD); 8 Mar (400) TL (DH, CPN); 26 Feb (140) JCo (TK). Canvasback: 16 Feb (5) Lou (SBS). Greater Scaup: regular ChL, max 375 (KLD); 24 Feb (4) KSP (BHS). Lesser Scaup: 15 Jan (200) ChL (KLD). Common Goldeneye: 27 Jan (40) ChL (LD, EK); 27 Jan (20+) Concord (BHS). Bufflehead: max 11 Nov (70) NL (KLD). Oldsquaw: 26 Jan (2) KSP (SBS, REB). *BLACK SCOTER*: 9 Nov (1) ChL (RCS). Ruddy Duck: 26 Jan - 24 Feb (1-15) KSP (SBS, REB); 1-4 scattered ChL (KLD); 5, 13 Nov (1) JC (RK). Hooded Merganser: 27 Nov (20) SB (KLD); 1 Dec (20) JCo (TK). Red-breasted Merganser: 27 Jan (8) ChL (LD, EK).

Vulture-Plover: Turkey Vulture: a migratory movement of 205 were noted on 6 Nov drifting south near S. Mouse Creek along the Hiwassee River (KLD). Black

Vulture: 26 Nov (25+) KSP (SBS, REB); all period (40+) Kpt (FJA); Goshawk: 19 Feb (1 ad) SCo (RAP, TP). Sharp-shinned Hawk: 6 observations Eliz - JC region (ETOS); often noted each trip afield CH (KLD, DRJ *et al*); 3 records SCo (RAP). Cooper's Hawk: 9 sightings Eliz - JC area (ETOS); 3 records CH (KLD *et al*); 3 Feb (1) SCo (RAP). Red-tailed Hawk: in Knoxville area seemed to be in lower numbers than previous winters (CPN *et al*). Red-shouldered Hawk: usually noted in proper habitat CH (KLD); 3 Feb (1) HCo (RAP). Broad-winged Hawk: 7 Mar SCo (RAP, TP). Rough-legged Hawk: 18 Feb (1) Morristown (PP). Bald Eagle: many scattered reports; 10-11 Nov (1 imm) Morristown (FJA); a total of 25 were reported from our region on the 1980 Midwinter Eagle Inventory. The highest number counted on a reservoir was 8 on ChL followed by 7 on Watts Bar Lake. Marsh Hawk: 12 Jan - 19 Feb (1) AS (RL, RK); one through season Eastern State Farm, K (PH); 8 Mar (1) HCo (RAP); 28-29 Jan (7) TL (WKJ). Osprey: 3 Nov (2) K (PP); 1-28 Jan (1) ChL (DRJ). *PEREGRINE FALCON*: 8 Jan (1 imm) SB (KHD); 3 Feb (1 ad) Ooltewah (*vide* Benton Basham). *MERLIN*: 15 Dec, 14 Jan (1) CH (KLD, RCS, AJ, DRJ); 30 Dec (1) K (SBS). Bobwhite: very low numbers during the season Eliz - JC (ETOS). Sandhill Crane: Fall: 29 Nov - 8 Dec (231); the 6 reports from Norris, Knoxville, HRA, SB and Reflection Riding were all from the regular migration corridor. Spring: This flight from 23 Feb to 15 Mar was the largest ever recorded for the season. A total of 994 were counted from Red Clay State Historic Park, SB, HRA, RR, Signal Mt., Westel, Rockford and S. Knox Co. (RCS, KLD, PP, SBS, BHS *et al*). Am. Coot: regular max 11 Nov (10,000) NL (KLD); 17 Jan (151) Alcoa Pond, Blount Co. (TK). Killdeer: 3 Dec (100) HRA (KLD). Am. Golden Plover: 1, 2 Dec (1) SB (LD, EK).

Woodcock-Nighthawk: Am. Woodcock: 2 Jan (2 in courtship flight) AM (DRJ); 4 Jan - 15 Mar (1-4) K (PH). Common Snipe: regular SB, max 14 Jan (103) (KLD). Greater Yellowlegs: 1-7 regular to 27 Nov SB, HRA (KLD), then one on 1, 3 Jan HRA (LD, DRJ *et al*). The Jan record seems to be the first since 1958 when J. C. Howell reported one on Norris Lake (*Audubon Field Notes* 12(3):280, June, 1958). Lesser Yellowlegs: 4 Nov (2) HRA (KLD, EK); 9 Nov (1) AS (RK, MD). Pectoral Sandpiper: 2, 4 Nov (1) SB (LD, EK); 23 Nov (1) HRA (LD). Least Sandpiper: 1-7 occasional SB (KLD). Dunlin: regular SB, max 80 (KLD); 25 Nov (80), 19 Jan (150) DL (TK); 26 Jan - 9 Feb (1-3) KSP (SBS, REB). *AM. AVOCET*: 5, 6 Nov (1) AS (RK). Herring Gull: 1-2 occasional ChL (KLD *et al*). Ring-billed Gull: 1-220 scattered ChL (KLD); 19 Jan (600) DL (TK). Bonaparte's Gull: 11 Nov (3) ChL (KLD); 3 Feb (1) KCo (PP); 13 Feb (1) BL (RK); 27 Jan (35) KCo (BHS). Barn Owl: two permanent residents, White Pine, JCo (TK). Great Horned Owl: 11-16 Nov (pair singing nightly) Church Hill (FJA); 27 Jan pair perched together on bluff overlooking Riverport Rd. SCo (RAP). Common Nighthawk: late 11 Nov (1) CH (KLD).

Woodpecker-Warbler: Red-headed Woodpecker: 4 reported in K (KTOS); 17 Jan (1 imm) N (CPN); 15 Jan (1) CCo (CPN); this is an increase in reports for the Knoxville area over the last few winters (CPN *et al*). Horned Lark: 26 Jan (30) JB (RK); about 40 permanent residents around home and farm JCo (TK). Tree Swallow: 5 Nov (2) AS (RK); 9 Nov (1) SB (LD). Barn Swallow: 3 Nov (1) SB (LD, RCS, JP). Purple Martin: 23 Feb (1) Morristown (Mrs. Frank Seagle, *vide* JBO); also one on 24 Feb at New Market, one on 25 Feb at Madisonville (*vide* JBO); these were the first arrivals; following these, a cold snap on 25-26 Feb hit the area and delayed further arrivals. Red-breasted Nuthatch: Conspicuous by its absence, no reports! *LONG-BILLED MARSH WREN*: 1 Jan (1) HRA (DRJ). Gray

Catbird: 15 Dec (1) AM (RCM). Hermit Thrush: 7 Nov, 2 Jan (1) BL (ETOS). Water Pipit: 28 Jan - 26 Feb (15-150 regular) SB (KLD); 14 Dec - 26 Jan (2-3 flocks of 40-60 each) JB (ETOS). Cedar Waxwing: more numerous this season than expected in Eliz-JC (ETOS). White-eyed Vireo: 13 Nov (1) JC (MD). Yellow-rumped Warbler: abundant throughout the winter, more so than in last few years (KTOS); 1-8 usually found each trip afield CH (KLD). Pine Warbler: 1-3 regular at CH feeder (JP); 10 Feb (1) Solway (PH). Palm Warbler: last fall sighting for the upper area of the region 5 Nov (1) AS (RK); found wintering in the lower area; 12 Jan - 26 Feb (1-3) HRA (RCM, AJ, KLD, RCS).

Blackbird-Sparrow: Rusty Blackbird: 15 Jan (12) Tri-Cities Airport (RK). *BREWER'S BLACKBIRD*: 14 Feb (1) JB (RK). Evening Grosbeak: a few scattered reports of 1-40 from all sections of the region (mob). Purple Finch: reported in varying numbers from all areas (mob). House Finch: a few first appeared on the Chattanooga Christmas Count 15 Dec (RCS), then counts soared to at least 150 individuals (RCS, LD, DRJ *et al*). These are the first reports from Chattanooga. In Knoxville it was the biggest winter ever. The birds were mainly north and west of Knoxville from Nov to the end of the period. SJB banded 130 at home of Otie Cottrell in north Knoxville from 17 Dec to 14 Mar; yet Cottrells estimate that less than 5% of the birds they observed had bands. Probably over 2000 have been frequent in their area. The invaders are also in Oak Ridge, but none in Norris (CPN). In the Johnson City area 3-5 flocks of 15-20 birds each have been sighted (ETOS). At Kingsport RAP reports they are becoming increasingly noticeable with a maximum of 23 being counted. Pine Siskin: 6 Nov (5-6) SCo (Glenn Swofford); 18 Nov (1) K (BHS). Vesper Sparrow: 3 Nov (2); 18 Dec (1), 4 Mar (2) near JC (RK, RL). Tree Sparrow: 12 Feb (3) Morristown (PP); 12 Feb (1) CCo (Dale Fowler). Chipping Sparrow: 29 Dec (2) near S. Holston Lake (RL).

Locations: AM—Amnicola Marsh; AS—Austin Springs; BL—Boone Lake; CCo—Campbell County; CH—Chattanooga; ChL—Chickamauga Lake; DL—Douglas Lake; EBFH—Eagle Bend Fish Hatchery; Eliz-JC—Elizabethhton-Johnson City Area; FLL—Fort Loudoun Lake; HCo—Hawkins County; HRA—Hiwassee River Area; JB—Jonesboro; JC—Johnson City; JCo—Jefferson County; K—Knoxville; Kpt—Kingsport; Lou—Louisville; MHL—Melton Hill Lake; NL—Nickajack Lake; SB—Savannah Bay; SCo—Sullivan County; TL—Tellico Lake.

Observers: AJ—Al Jenkins; BHS—Barbara H. Stedman; CPN—Charles P. Nicholson; DH—Dave Hankins; DRJ—Daniel R. Jacobson; EK—Elena Killian; ETOS—Elizabethhton Chapter, TOS; FJA—Fred Alsop; JBO—J. B. Owen; JP—Janet Phillips; KHD—Kenneth H. Dubke; KLD—Ken and Lil Dubke; KTOS—Knoxville Chapter, TOS; LD—Lil Dubke; mob—many observers; MD—Martha Dillenbeck; PH—Paul Hartigan; PP—Paul Pardue; RAP—Rick A. Phillips; RBW—R. Bruce Wilkey; RCM—Robert C. Mitchell; RCS—Randy C. Stringer; REB—Robert E. Beck; RK—Rick Knight; RL—Richard Lewis; SBS—Stephen and Barbara Stedman; SJS—Stephen J. Stedman; TP—Tommy Phillips; TK—Jon A. "Tony" Koella; WKJ—Wesley K. James.

KENNETH H. AND LILLIAN H. DUBKE, 8139 Roy Lane, Ooletwah 37363.

EASTERN MOUNTAIN REGION—Rainfall in November was almost two inches above normal continuing the wettest yearly rainfall totals in our area in 8 to 10 years. November temperatures remained mild through the month, but De-

ember started out cold with little or no precipitation recorded. There was no snowfall reported in Nov. or Dec. January was very mild until the last two days when winter really set in and continued through February and mid-March. Very cold temperatures were recorded along with a total of 22 inches of snow through the end of the period.

Birding during the entire period could be considered "dullsville," with very little waterfowl movement and practically no northern finches until late January. A White-winged Scoter and a Goshawk seen in early March were the only unusual birds of the period.

Loon-Osprey: Common Loon: 25-29 Nov (1) WagIs (GE); 13-22 Jan (1) SHL (RL). Horned Grebe: 3 Jan (2) WatL (RK) only reports. Pintail: 25 Nov (2) WibL (GE, HF). Bufflehead: late arriving 6 Nov (3) WibL (RK). Ruddy Duck: 15 Dec (1) WagIs (GE, HF). Hooded Merganser: 15 Mar (3) WagIs (GE, HF) only Merganser reported all period. *WHITE-WINGED SCOTER:* 13 Mar (1) WatL (GW, DL). Both resident accipiters were reported more numerous than usual. *GOSHAWK:* 2 Mar (1) SHL (RL). Red-shouldered Hawk: 2 Feb (1) HS (GW). Marsh Hawk: 15 Dec (1) Walnut Mtn (ES, GS). Osprey: 9 Mar (5) migrating over GSMNP (SBS).

Snipe-Warbler: Common Snipe: abundant from early Jan thru end of period. Bonaparte's Gull: 11 Jan (4) WatL (GW, DL); 29 Jan (1) WagIs (SG, MD). Great Horned Owl: 21 Feb (2) SHL (RL); 23 Feb (1 on nest) WibL (RK). Eastern Phoebe: about normal winter populations. Purple Martin: 1st return 14 Mar (2) E (GE). Red-breasted Nuthatch: NO birds reported from higher elevations all period. Gray Catbird: last fall sighting 4 Nov (1) E (Lois H) late. Hermit Thrush: 15, 23 Dec (1) E (GE, RK); 7 Jan (1) Erwin (GS); 2 Feb (1) HS (GW). Cedar Waxwing: very plentiful again this winter. Yellow-rumped Warbler: higher than normal reports all period. Pine Warbler: 9 Mar (3) GSMNP (SBS). Orange-crowned Warbler: 30 Dec (1) GSMNP (FJA).

Blackbird-Sparrow: Rusty Blackbird: 1 Mar (12) WatR (GW). Evening Grosbeak: 1st reported 29 Nov (4) E (HF) a few small flocks at feeders until mid Feb when they finally arrived in numbers; 30 Dec (45+) Gatlinburg (FJA). Purple Finch: 1st seen 1 Dec (3) E (GE, HF) very numerous thereafter. *HOUSE FINCH:* 6 Jan (2) E (Katherine Thomas); 12 Feb (2) SV (GW). Red Crossbill: 6 Jan (2) WatL (GE, RK, BS). Chipping Sparrow: 15 Dec (8) SV (GE, HF) late. Fox Sparrow; 1st seen 9 Jan (1) E (HF) 1 to 3 in area till end of period.

Locations: E—Elizabethton; GSMNP—Great Smoky Mtn National Park; HS—Hunter Swamp; SHL—South Holston Lake; SV—Siam Valley; WagIs—Wagners Island; WatL—Watauga Lake; WatR—Watauga River; WibL—Wilbur Lake.

Observers: FJA—Fred Alsop; MD—Martha Dillenbeck; GE—Glen Eller; HF—Harry Farthing; SG—Sally Goodin; LoisH—Lois Herndon; RK—Rick Knight; DL—Dick Lura; RL—Richard Lewis; ES—Ed Schell; GS—Glenn Swaford; SBS—Steve and Barbara Stedman; GW—Gary Wallace.

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

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

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

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

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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