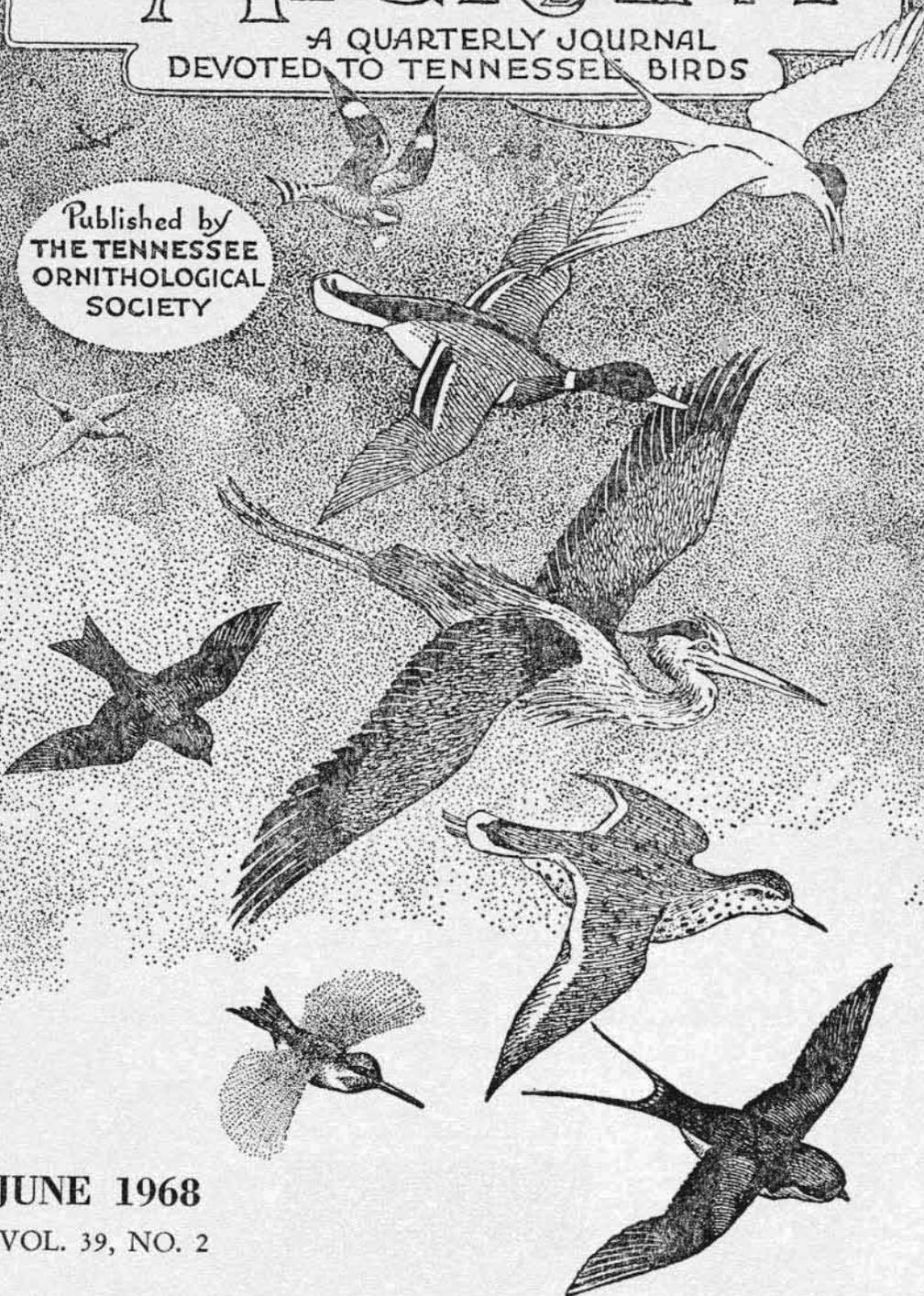


# THE MIGRANT

A QUARTERLY JOURNAL  
DEVOTED TO TENNESSEE BIRDS

Published by  
THE TENNESSEE  
ORNITHOLOGICAL  
SOCIETY



Al Phans  
35

JUNE 1968

VOL. 39, NO. 2

# THE MIGRANT

A QUARTERLY JOURNAL OF ORNITHOLOGY  
FIRST PUBLISHED, JUNE 1930

---

PUBLISHED BY  
**THE TENNESSEE ORNITHOLOGICAL SOCIETY**  
Founded at Nashville, Tenn., 7 October 1915  
A non-profit, educational, scientific, and conservation organization.

---

## EDITORIAL STAFF

EDITOR.....LEE R. HERNDON  
Rt. 6, Elizabethton, Tenn. 37643  
ASSOCIATE EDITOR.....JOHN WALLACE COFFEY  
508 Spruce Street, Bristol, Tenn. 37620  
"THE SEASON".....CHARLES R. SMITH  
Rt. 2, Johnson City, Tenn. 37601  
"STATE COUNT COMPILER".....JON DEVORE  
4922 Sarasota Dr., Hixson, Tenn. 37343

---

## OFFICERS FOR 1967-1968

PRESIDENT.....ROBERT W. MCGOWAN  
Rt. 3, Box 86, Collierville, Tenn. 38017  
PRESIDENT-ELECT.....GEORGE R. MAYFIELD, JR.  
Maury County Hospital, Columbia, Tenn. 38401  
VICE-PRESIDENT EAST TENN. ....J. WALLACE COFFEY  
508 Spruce Street, Bristol, Tenn. 37620  
VICE-PRESIDENT MIDDLE TENN. ....MRS. AMELIA R. LASKEY  
1521 Graybar Lane, Nashville, Tenn. 37215  
VICE-PRESIDENT WEST TENN. ....EARL J. FULLER  
5480 S. Angela Lane, Memphis, Tenn. 38117  
DIRECTORS-AT-LARGE:  
EAST TENN. ....CHARLES R. SMITH  
Rt. 2, Johnson City, Tenn. 37601  
MIDDLE TENN. ....JOHN O. ELLIS  
4004 Overbrook Dr., Nashville, Tenn. 37204  
WEST TENN. ....W. H. BLACKBURN  
Rt. 2, Camden, Tenn. 38320  
CURATOR.....ALBERT F. GANIER  
2112 Woodlawn Drive, Nashville, Tenn. 37212  
SECRETARY.....MRS. HENRY S. DINKELSPIEL  
6519 Massey Lane, Germantown, Tenn. 38038  
TREASURER.....MISS ANNELLA CREECH  
1500 Woodmont Blvd., Nashville, Tenn. 37215

---

Annual dues, \$2.50; Sustaining, \$5.00; Life, \$100.00; Students, \$1.00 (Chapters may collect additional fees to cover local expenses). Corresponding membership (out of State), Libraries and Subscribers \$2.00. No discount to agencies. Back numbers may be had from the Curator. Please notify the Treasurer of a change in address.

---

Published quarterly (March, June, September, and December). Printed by The King Printing Company, 509-511 Shelby Street, Bristol, Tennessee 37620, U.S.A. Postage paid and mailed at Elizabethton, Tennessee, U.S.A.

# THE MIGRANT

---

Published by the Tennessee Ornithological Society,  
to Record and Encourage the Study of Birds in Tennessee.  
Issued in March, June, September, and December.

---

VOL. 39

JUNE 1968

NO. 2

---

## TELEVISION TOWER CASUALTIES AT NASHVILLE, AUTUMN 1967

BY AMELIA R. LASKEY

Casualties for autumn, 1967, were first found on 1 Sept. at both WSIX and WSM-TV towers. The total for the fall migration was 349 individuals of 47 species (98 of 27 species for WSIX; 251 of 40 species for WSM).

This is the smallest casualty list here since these high TV towers have been erected. Reports from field observers in the Nashville area also indicate a poor autumn migration for 1967. These similar reports cannot be definitely analyzed on a purely local basis and reports from other areas are not yet available—particularly needed are those from areas north of Nashville. However, our reports suggest a number of possibilities, such as, is there a decline in population (especially in thrushes and warblers) or was there a hiatus in normal migration over Nashville when migrants failed to stop over—perhaps flying over the overcast?

This deviation was very noticeable from mid-October into early November. On most of these mornings no casualties were found. The total for both towers during this period was only eight birds. According to the *U. S. Monthly Meteorological Summaries*, there were ten days with average temperatures below normal, with fastest winds from a southerly direction and ten days with some precipitation and overcast.

The greater number of casualties occurred on 11 Sept. total 77 and on 9 Oct. with a kill of 96. On 7 Oct. at WSM, there was a kill of 48 with the temperature ten degrees above normal and south wind. However, there was a fog that night and early morning as a cold front moved in between days of precipitation.

The highest number of casualties involved the species that usually lead the list: Ovenbird 64; Magnolia Warbler 47; Tennessee Warbler 44. These three species total 45 percent of the 1967 casualties.

The most unusual and puzzling bird was a Blackpoll Warbler found 12 Oct. It had dark tarsi and toes (soles lighter). The specimen was sent to U. S. National Museum for verification. In her report Mrs. Roxie C. Laybourne commented: "The feet of the blackpoll are not always light in color as given in some of the field guides."

Of especial interest were the new extremes in dates of migration: Cape May Warbler, 11 Sept. earliest of three known autumn specimens (all from

TV tower casualties); Traill's Flycatcher 7 Oct. and Prothonotary Warbler 10 Oct. which are latest autumn departure dates on record here.

Following is the list of casualties. The first number indicates WSIX, the second for WSM. An \* indicates the species was found at WSM only.

Sora 1-1; Yellow-billed Cuckoo 1-1; Black-billed Cuckoo \*1; Common Nighthawk 1; Yellow-bellied Sapsucker \*1; Eastern Kingbird \*1; Acadian Flycatcher \*1; Traill's Flycatcher \*1; Wood Pewee \*2; Catbird 2-6; Robin \*1; Wood Thrush 1; Swainson's Thrush \*2; Veery 1-1; Red-eyed Vireo 7-16; Philadelphia Vireo 1-2; Black-and-white Warbler 5-11; Prothonotary Warbler \*1; Worm-eating Warbler \*1; Golden-wing Warbler 1; Blue-wing Warbler \*1; Tennessee Warbler 3-41; Nashville Warbler \*2; Yellow Warbler \*2; Magnolia Warbler 17-30; Myrtle Warbler \*1; Black-throated Green Warbler 1-3; Blackburnian Warbler 3-3; Chestnut-sided Warbler 9-11; Bay-breasted Warbler 4-13; Blackpoll Warbler \*1; Palm Warbler 2; Ovenbird 12-52; Northern Waterthrush 3-6; Kentucky Warbler 1-6; Mourning Warbler \*1; Yellowthroat 2-2; Yellow-breasted Chat 1-6; Wilson's Warbler \*1; Canada Warbler 3-1; American Redstart 1-4; Baltimore Oriole \*1; Scarlet Tanager \*1; Indigo Bunting \*2; Lincoln's Sparrow 1; Swamp Sparrow 1 Unidentified account condition, account predation 11-10.

Appreciation for their help in this study is gratefully expressed to Mike Bierly, Clara W. Fentress, Katherine A Goodpasture, H. E. Parmer and the personnel of both TV towers.

1521 Graybar Lane, Nashville 37215.

### T.O.S. SHOULDER BADGE PROGRAM

The new Shoulder Badge Chairman has recently announced the current stock and price list for the following items that are available:

- (1) "Traveler's List of Birds of North America"  
3/\$1.00 at State Meeting; 3/\$1.10 by mail.
- (2) "Combination List of Birds of North America"  
\$2.00@ at State Meeting; \$2.20@ by mail.
- (3) "T.O.S. Shoulder Badges, \$1.25@.

Mail orders should be sent to:

Mrs. Randle Moss  
146 Woodmont Boulevard  
Nashville, Tennessee 37205

## ANNUAL AUTUMN HAWK COUNT, 1967

BY THOMAS W. FINUCANE

The 18th T.O.S. fall hawk-count totaled 4832, with 4635 Broad-winged Hawks (*Buteo platypterus*). Except for 1965, this was the lowest since 1958, but higher than any year before 1959. The count was a record high up to 15 Sept. and, excluding the 1959 data, exceeded the total of all data up to 15 Sept. The peak-day for Broad-winged Hawk migration is still 22 Sept. If the difference between all counts (from 1950 to the present) made before and after 22 Sept. is less than the total of all counts made on 22 Sept., then 22 Sept. is peak-day. Otherwise some other date would be designated peak-day, by a similar argument.



FINUCANE

Recently we were asked whether the peak-day is a mean or a median. If we consider the migration to be distributed normally along a set of consecutive days, the peak-day represents both the median and the mean of our sample of 88,000 Broad-winged Hawks. Since the peak is the middle of a tabulation of all hawks, listed in order of the date observed (day and month), it is a median by virtue of the method by which it is computed. In such cases the median can be computed faster than the mean, and the result is close enough to the mean—the same day.

The average (mean) count for the 25 days from 10 Sept. to 4 Oct., when 99% of our hawks fly, is 3500, which is closer to the total for 18 Sept. than to the total for any other day. 18 Sept is also the date of the median count. Including all data outside the 25-day interval would, of course, reduce the mean and median counts, but they would still be close together; the peak day—mean and median day—would not change. Largely because we do not subdivide days, we get our peak via the median, which comes on the same day as the mean, and with less arithmetic. Extreme dates are 13 Aug., 1964, when Wallace Coffey and T. Roger Stone counted 19 Broad-winged Hawks and 19 Oct., when Maxie Swindell counted 12.

The following notes are numbered to correspond with the item numbers in the data table:

4. Ken Dubke saw this Osprey carry a fish over Elder Mt.
5. Frost warnings heard from radio station, Windsor, Ontario, four days before this count—a record for 12 Sept.
6. Flights were heavy and over the lookout when the wind was from the south and southeast. From 1:30 P.M. to 3:30 P.M. the wind was from the north and the comparatively few hawks counted were scattered over the countryside. Six Ospreys!
8. Sharp-shinned Hawk captured bird and devoured it on the wing.
12. Foothills Parkway, near Townsend, 11:00 A.M. to 1:30 P.M.: The birds were going directly south. As the day grew later, the hawks seemed to fly higher. Broad-winged Hawks were working the thermals; the others stayed close to the ridge.
13. Have never seen 10 Cooper's Hawks in one group, but they were

there: Cooper's Hawk size and shape—some so near the tower markings could be seen in the sunlight we had that day.

25. From the site of the old Elder Mt. Fire Tower, Ken Dubke, 10:13 A.M. to 6:15 P.M., had 11 hawks in the first three hrs., two in the next hour, one in the next two hrs., then 164 between 4:30 P.M. and 5:00 P.M., and 91 more after 5:00 P.M. Saw nine Canada Geese at 6:00 P.M.

26. On the same day, 22 Sept. the Mendota Fire Tower count was smaller than Ken's but steady all day, with five Broad-winged Hawks and one unidentified after 5:30 P.M.

35. There were about 30 people at the lookout: Girl (Cadet) Scouts, their leaders, and one hawk watcher.

#### KEY TO REPORTERS

B—Bill Finucane, Kingsport; C—Boy Scouts, Mr. and Mrs. David Smith, Johnson City, Charlotte Finucane; D—Ken Dubke, Chattanooga; E—Mr. and Mrs. Emmitt Smith, Jr., Nickelsville, Va.; F—John Fogl, Nickelsville; G—Girl Scouts, Troup 143, Kingsport; H—Mr. and Mrs. David Highbaugh, Mr. and Mrs. Geo. Wood, Knoxville; J—Joe Finucane; K—Patrick Finucane; L—Mrs. Elva Darnell, R. C. Sievert, Dr. and Mrs. Royal Spees, Greeneville; N—Thos. Finucane; O—Tom, Tom III, and Melanie Odom, Kingsport; Mrs. Richard Nevius, Roger, Steve, and Jeff Miller, Greeneville; P—Mrs. Darnell, Mrs. Spees; Q—Bob Quillen, Bristol, Va., E. E. Scott, Charlotte Finucane; S—E. E. Scott, Nickelsville, Va.; T—Tom Finucane, Mrs. Ann Switzer, Kingsport; U—Mike Finucane, Laurent Choiniere, Kingsport; V—Jon DeVore, Chattanooga; W—Wallace Coffey, Bristol; W. A. Bridgforth, Charles Smith, Johnson City; X—Maxine and Hugh Crownover, Chattanooga; Y—Marion Finucane.

#### KEY TO STATIONS

Bald Mt. Tower, Greene Co.; C—Chimney Top, Sullivan Co.; E—Elder Mt., Chattanooga F—Foothills Parkway, near Townsend; G—Gray's Ferry, Hiwassee River; K—Rogersville-Kyle's Ford Fire Tower; M—Mendota Fire Tower, Clinch Mt., Va.; W—Meadow Creek Fire Tower, Cocke County.

#### WIND AND SKY CODES

Wind data are given in the Beaufort Scale. Sky conditions range from perfectly clear (O) to heavy overcast (5).

---

1434 Watauga Street, Kingsport 37664.

---

 ANNUAL AUTUMN HAWK COUNT, 1967
 

---

No.	Date	Obs.	Hrs.	Station	Wind	Sky	SS	Cp	RdT	RS	Bwg	Msh	Osp	SpH	Other
1	9/2	W	4½	M	5:NE	0	-	-	1	-	12	-	-	-	1a
2	10	JN	6	C	2:NW	2	-	-	2	-	1	-	-	-	-
3	11	S	4½	M	4:SE	1	-	1	-	-	28	-	-	1	-
4	12	D	4	E	3:E-SE	1	-	-	3	-	6	-	3	-	1b
5	12	S	4½	M	4:NW	1	-	-	-	-	974	-	1	-	2e
6	13	SF	6½	M	4:S	1	1	1	2	-	635	-	6	-	2b
7	14	P	4-3/4	W	3:N-E-S	2	-	-	10	-	103	-	-	-	1
8	14	S	7½	M	4:SE	1	2	1	1	-	290	-	-	-	1b
9	15	QTF	5	M	3:SE	0	2	1	4	-	431	-	1	-	1b
10	16	ES	7	M	3:NE	0	1	1	5	-	411	-	1	-	-
11	17	VW	6	E	6:N-NW	0	-	-	2	-	50	-	-	-	-
12	17	H	3	F	2-3:S	-	1	-	1	-	263	3	-	3	-
13	17	L	5-3/4	B	2-4:NW	2	1	11	3	1	70	-	-	-	-
14	17	OK	8	K	1-3:S-E	1	-	1	1	-	248	-	-	-	-
15	17	QGU	7	M	4:SE	3	1	2	1	-	69	-	-	-	-
16	18	D	5	E	2:E	1	-	-	-	-	3	-	-	-	1
17	18	D	0	G	1-3:SW	2	-	-	-	-	7	-	-	1	-
18	18	N	8½	M	Q-1:N-E	0	-	-	1	-	14	-	-	-	4
19	19	D	6	E	O-3:W	3	-	-	3	1	3	-	-	3	1e
20	19	SN	7	M	1-SE-SW	4	1	-	-	-	14	-	-	-	2b
21	20	V	3	E	1:S-SW	0	-	-	-	-	-	-	-	-	-
22	20	SN	7½	M	1-2:S-W	3	-	-	-	1	43	-	-	-	-
23	21	D	4	E	3-SW-W	4	-	-	3	-	-	-	-	-	-
24	21	YN	2	M	3-1:S&W	5	-	-	-	-	-	-	-	-	-
25	22	D	8	E	3:NE-W	3	1	1	2	-	266	1	-	1	-
26	22	SN	8½	M	3:NE-N	2	3	1	2	1	144	-	2	-	1a
27	23	Z	8	E	1-3:SE	0	-	2	6	-	290	2	1	1	1
28	23	BN	7	C	1-NE	0	-	2	4	1	28	-	-	-	4
29	23	CG	5	M	1-NW	0	4	-	-	-	55	-	1	-	-
30	24	V	3	E	2:N-NW	0	1	1	1	-	8	-	-	-	1p
31	24	KN	6	C	2:S	3	-	-	-	-	4	-	1	-	-
32	24	S	7	M	-	-	-	-	-	-	37	-	-	-	-
33	25	D	4	E	3:NB	1	2	-	1	-	14	-	-	-	1
34	26	N	8-3/4	M	4-2:S	0	-	-	4	2	24	2	-	-	6
35	30	N	7	M	O-2:NW	1	1	-	-	-	31	1	1	-	1
36	10/1	KN	6½	M	1:SW-NW	0	1	-	1	1	39	1	1	-	4
37	5	N	8	M	O-2:W	2	1	1	1	3	20	-	-	-	5
TOTALS							23	26	64	11	4635	10	19	10	39

(A = accipiter; b = buteo; e = eagle; p = pigeon hawk)

## THE 1968 SPRING FIELD DAYS

JON E. DEVORE, *State Compiler*

Counts were submitted from a total of ten areas across the state. The total number of species seen for the count was 200. This is somewhat below the high count last year of 206 species. Knoxville's count led all others with a total of 147 species. They were followed by Chattanooga with 139.

## INFORMATION ON THE COUNTS

In the species tabulation and description that follow, the localities are listed from west to east.

**REELFOOT**—The count was taken on and in the vicinity of Reelfoot Lake and within the limits of the Christmas Count area. 27 April 1968; 7:00 A.M. to 5:00 P.M. Cloudy all day; little wind; temperature 51° to 74° F. Total species: 96. Four observers in two parties.

Eugene Cypert (compiler), Mary Louise Cypert, Janice Leggett, Betty Sumara.

**COLUMBIA**—Same general area as covered by the Christmas Count. 30 April 1968, 1 May 1968; 12:00 noon to 12:00 noon. Clear; wind NW 5—15 mph; temperature 45° to 80° F. Total species: 135. Four observers.

William Fuqua, Daniel Gray, George Mayfield (compiler), Delton Porter.

**NASHVILLE**—Same area as previous spring counts except no coverage of Bush and Old Hickory Lakes. 27 April 1968; Dawn until 5:30 P.M. Cool with rain at dawn until 9:00 A.M., then a gradual clearing. The Rusty Blackbirds were eight days latest ever for spring. Two were at Two Jays (HEP), one at Fernvale (AC). Total Species: 128. Thirty-seven observers in twelve parties.

Clyde D. Anderson (compiler).

**COOKEVILLE**—Areas included were within the 15-mile-diameter circle of the town. 20 April 1968; 5:00 A.M. to 6:30 P.M. Weather clear and sunny except for light cloudiness early in the A.M., little wind. 69° to 80° F. Thirteen observers. Total species: 72.

Miss Beulah Clark, Mr. Sam Coward, Mrs. Caprice Haile, Mr. R. D. High, Mr. Roy Hinds, Dr. Paul L. Hollister, Miss Elizabeth Killeffer, Dr. and Mrs. Sidney L. McGee, Mr. Miser R. Richmond, Mrs. Thelma Tinnon, Miss Chrissa Wendt, Miss Marie White (compiler).

**T.O.S. STATE MEETING**—General coverage of the Cookeville area. 11 May 1968 and 12 May 1968. Generally cloudy with intermittent rain on both days. 50° to 80° F. Total Species: 127. Miser R. Richmond (compiler).

**CHATTANOOGA**—Same area as Christmas Count plus additional areas to the north on Chicamauga Lake. 5 May 1968; 6:00 A.M. to 10:00 P.M. Clear to partly cloudy in the A.M. and P.M., 5 to 15 mph wind in the A.M., subsiding in the P.M.; temperature 50° to 71° F. Total species: 139. Nineteen observers.

Francis Barnwell, Ralph Bullard, Maxine Crownover, Jon DeVore (compiler), Kenneth Dubke, Roy Evenson, Edith Fenn, Jim Garrett, Ron Homer, Mike Lily, Jerry Linderman, Eugene and Eva Ranger, Joe Saladino, Veta Slinger, Martha Sterchi, Roger Swanson, Jack and Mark Wagner.

## ANNUAL SPRING FIELD DAYS, 1968

	REELFOOT	COLUMBIA	NASHVILLE	COCKEVILLE	T.O.S. MEETING	CHATTANOOGA	KNOXVILLE	GREENEVILLE	ELIZABETHTON
Common Loon	--	--	--	--	--	1	--	--	--
Pied-billed Grebe	--	35	2	--	--	--	--	--	2
Great Blue Heron	--	--	1	--	--	9	2	--	1
Green Heron	--	2	10	--	5	11	18	6	9
Little Blue Heron	--	1	--	--	--	1	--	--	--
Cattle Egret	71	--	--	--	1	--	--	--	--
Common Egret	1	--	--	--	--	--	--	--	--
Bl.-cr. Night Heron	--	--	--	--	--	--	23	--	--
Yel.-cr. Night Heron	2	2	--	--	1	4	2	1	--
Least Bittern	--	--	--	--	--	1	1	--	--
American Bittern	--	1	2	--	1	6	2	--	1
Canada Goose	--	--	--	--	--	9	--	3	1
Snow Goose	--	--	--	--	--	--	--	1	--
Blue Goose	--	--	--	--	--	--	1	--	--
Egyptian Goose	--	--	--	--	--	--	--	2	--
Mallard	156	5	5	--	--	7	3	--	3
Black Duck	--	--	--	--	--	--	4	--	--
Pintail	--	--	--	--	--	--	--	2	--
Green-winged Teal	--	--	--	--	--	--	1	--	--
Blue-winged Teal	21	66	2	--	2	8	15	6	10
American Widgeon	--	--	1	--	--	--	--	--	10
Shoveler	5	--	--	--	--	--	--	--	--
Wood Duck	12	1	15	--	2	6	18	1	16
Ring-necked Duck	--	--	--	--	--	2	--	--	1
Lesser Scaup	2	7	81	--	--	2	--	1	2
Bufflehead	--	--	--	--	--	1	--	--	12
Ruddy Duck	--	1	--	--	--	--	--	--	--
Common Merganser	--	--	--	--	--	--	--	1	--
Red-breasted Merganser	2	--	--	--	--	--	--	--	--
Turkey Vulture	1	9	33	7	11	9	17	17	2
Black Vulture	--	12	9	--	4	2	--	1	1
Sharp-shinned Hawk	--	--	1	--	1	1	--	--	--
Cooper's Hawk	--	--	1	--	1	--	1	1	--
Red-tailed Hawk	--	2	13	1	3	4	7	2	3
Red-shouldered Hawk	2	2	2	--	1	--	--	--	--
Broad-winged Hawk	1	2	4	--	--	3	9	1	4
Marsh Hawk	1	--	--	--	--	2	--	--	--
Osprey	--	--	3	--	--	1	4	--	1
Sparrow Hawk	3	13	9	1	5	4	3	4	8
Ruffed Grouse	--	--	--	--	--	--	3	--	5
Bobwhite	3	47	75	22	21	30	209	46	53
Ring-necked Pheasant	--	--	--	--	--	--	--	4	--
Virginia Rail	--	2	--	--	--	--	--	--	--
Sora	1	--	--	--	--	4	3	--	--
American Coot	79	61	22	--	3	7	2	2	3
Semipalmated Plover	--	1	--	--	--	7	--	--	--
Killdeer	12	14	18	7	4	49	59	12	18
American Woodcock	--	--	--	--	1	2	--	1	--
Common Snipe	1	2	2	1	--	10	28	1	4
Upland Plover	--	--	--	--	--	--	1	--	--
Spotted Sandpiper	3	17	6	--	4	9	8	--	2
Solitary Sandpiper	9	1	21	1	2	9	45	7	10
Greater Yellowlegs	5	17	1	--	--	12	7	--	1
Lesser Yellowlegs	7	47	4	--	--	19	10	3	26
Pectoral Sandpiper	3	7	--	--	--	1	10	--	2
White-rumped Sandpiper	--	--	--	--	--	--	--	--	5
Least Sandpiper	6	31	--	--	--	11	--	--	2
Dowitcher	--	2	--	--	--	--	--	--	1
Semipalmated Sandpiper	--	15	--	--	--	5	1	--	--
Ring-billed Gull	--	--	1	--	--	--	--	--	1
Black Tern	--	1	--	--	--	--	--	--	--
Mourning Dove	18	28	84	69	68	122	585	84	53
Yellow-billed Cuckoo	--	3	15	--	5	2	2	1	6
Black-billed Cuckoo	--	--	--	--	1	--	--	--	2
Barn Owl	--	--	--	--	--	1	1	--	--

	REELFOOT	COLUMBIA	NASHVILLE	COOKEVILLE	T.O.S. MEETING	CHATTAHOOGA	KNOXVILLE	GREENEVILLE	ELIZABETHTON
Screech Owl	--	1	--	--	--	2	1	1	1
Great Horned Owl	--	2	1	--	--	--	1	1	--
Barred Owl	3	5	--	1	2	1	--	--	1
Chuck-will's-widow	--	4	1	--	8	21	26	9	2
Whip-poor-will	--	12	12	--	2	2	2	--	18
Common Nighthawk	--	6	6	2	9	10	9	1	8
Chimney Swift	12	150	283	62	60	272	255	604	146
Ruby-thr. Hummingbird	8	5	15	8	7	1	7	1	8
Belted Kingfisher	2	1	19	1	7	4	13	2	12
Yellow-sh. Flicker	3	4	40	28	9	25	127	37	46
Pileated Woodpecker	6	7	32	5	7	3	19	9	5
Red-bellied Woodpecker	8	30	73	17	15	12	51	9	5
Red-headed Woodpecker	13	2	11	5	8	2	7	13	1
Yellow-bel. Sapsucker	--	--	1	6	--	--	2	2	--
Hairy Woodpecker	1	5	11	3	3	1	7	6	3
Downy Woodpecker	3	30	39	21	8	6	39	10	15
Eastern Kingbird	4	24	38	3	24	53	52	11	19
Great Crested Flycatcher	4	4	16	5	20	39	41	12	3
Eastern Phoebe	2	10	28	7	13	25	47	18	38
Acadian Flycatcher	--	6	8	--	13	7	--	6	9
Least Flycatcher	--	1	--	--	--	--	--	--	14
Eastern Wood Pewee	3	8	15	5	20	14	9	10	14
Olive-sided Flycatcher	--	--	--	--	--	--	1	--	--
Horned Lark	7	14	1	2	4	5	7	7	5
Tree Swallow	410	9	7	--	2	53	48	--	8
Bank Swallow	4	2	2	--	2	30	58	--	3
Rough-winged Swallow	2	18	18	--	5	40	57	17	41
Barn Swallow	44	65	152	27	38	116	325	56	117
Cliff Swallow	--	--	81	2	--	126	3	--	--
Purple Martin	38	8	73	4	10	352	173	28	23
Blue Jay	8	52	193	129	50	146	399	75	177
Common Raven	--	--	--	--	--	--	--	--	2
Common Crow	40	57	85	59	35	62	336	60	109
Carolina Chickadee	26	38	86	26	16	42	125	26	33
Tufted Titmouse	18	32	108	41	33	26	136	35	44
White-br. Nuthatch	--	2	8	6	3	3	2	--	--
Red-br. Nuthatch	--	--	--	--	--	--	--	--	3
Brown Creeper	--	--	--	--	--	1	--	--	--
House Wren	--	--	1	--	--	--	13	13	14
Winter Wren	--	--	--	--	--	--	2	1	6
Bewick's Wren	--	1	9	--	2	1	--	1	--
Carolina Wren	12	24	72	16	20	45	163	10	33
Long-bld. Marsh Wren	--	--	--	--	--	--	2	--	--
Short-bld. Marsh Wren	--	--	--	--	--	1	--	--	--
Mockingbird	12	21	149	49	25	144	358	70	120
Catbird	3	13	36	12	11	18	31	14	50
Brown Thrasher	2	12	54	39	22	64	135	42	58
Robin	33	15	171	69	28	165	550	134	235
Wood Thrush	6	7	61	4	28	59	150	9	63
Hermit Thrush	--	--	--	--	--	--	1	--	--
Swainson's Thrush	2	5	15	--	14	4	21	--	--
Gray-cheeked Thrush	1	2	4	--	2	--	--	--	--
Veery	--	3	2	--	3	2	2	--	2
Eastern Bluebird	1	24	83	22	63	32	120	3	30
Blue-gray Gnatcatcher	28	12	72	2	20	4	35	14	6
Golden-crowned Kinglet	--	--	--	--	--	--	--	1	13
Ruby-crowned Kinglet	--	2	7	--	--	6	77	11	2
Water Pipit	--	--	--	--	--	--	20	--	--
Cedar Waxwing	--	20	--	--	1	41	110	9	15
Loggerhead Shrike	10	18	24	4	4	10	13	7	3
Starling	146	130	837	179	122	759	786	582	676
White-eyed Vireo	5	14	82	7	13	7	66	4	11
Yellow-throated Vireo	--	3	12	--	9	--	29	2	2
Solitary Vireo	--	--	1	--	--	--	4	1	8
Red-eyed Vireo	4	18	59	5	27	29	140	19	46
Warbling Vireo	3	1	13	--	--	--	2	--	3
Black-and-white Warbler	--	4	11	--	7	14	50	4	24
Prothonotary Warbler	10	2	29	--	4	1	4	2	--
Swainson's Warbler	--	--	--	--	--	--	1	--	--
Worm-eating Warbler	--	2	10	--	9	2	17	1	5

	REELFOOT	COLUMBIA	NASHVILLE	COOKEVILLE	T.O.S. MEETING	CHATTAHOOGA	KNOXVILLE	GREENVILLE	ELIZABETHTON
Golden-winged Warbler	--	--	1	--	--	--	6	--	5
Blue-winged Warbler	--	4	32	--	2	2	4	--	2
Tennessee Warbler	--	14	14	--	18	--	19	1	5
Orange-cr. Warbler	--	--	--	--	--	--	1	--	--
Nashville Warbler	--	3	3	--	1	1	28	1	--
Parula Warbler	--	4	8	--	3	--	--	7	9
Yellow Warbler	1	8	48	3	10	15	61	13	34
Magnolia Warbler	--	1	--	--	5	10	1	--	--
Cape May Warbler	--	--	--	--	2	41	2	--	--
Black-thr. Blue Warbler	--	--	1	--	--	--	3	--	12
Myrtle Warbler	16	14	117	1	11	504	522	21	12
Black-thr. Green Warbler	1	1	--	--	1	--	40	15	6
Cerulean Warbler	--	19	17	--	1	--	24	--	--
Blackburnian Warbler	--	--	--	--	4	--	5	--	1
Yellow-throated Warbler	3	3	15	--	2	--	2	--	--
Chestnut-sided Warbler	--	3	--	--	2	--	10	4	23
Bay-breasted Warbler	--	1	2	--	7	--	1	--	--
Blackpoll Warbler	--	4	6	--	57	54	--	--	--
Pine Warbler	--	--	2	--	1	1	17	1	--
Prairie Warbler	3	9	34	--	34	6	75	6	1
Palm Warbler	5	20	27	1	3	157	22	7	3
Ovenbird	--	3	3	--	6	3	31	15	35
Northern Waterthrush	--	5	1	--	1	1	--	--	--
Louisiana Waterthrush	--	2	35	--	6	23	11	11	7
Kentucky Warbler	--	10	57	--	16	14	49	--	1
Connecticut Warbler	--	--	--	--	--	--	--	--	1
Yellowthroat	23	21	72	13	50	35	128	17	31
Yellow-breasted Chat	3	13	56	3	32	29	68	12	29
Hooded Warbler	--	3	6	--	18	20	22	5	13
Wilson's Warbler	--	--	--	--	1	1	--	--	--
Canada Warbler	--	--	--	--	2	1	7	--	14
American Redstart	--	4	12	--	11	--	17	3	5
House Sparrow	359	30	135	111	44	126	356	83	181
Bobolink	40	7	--	--	30	89	39	--	--
Eastern Meadowlark	38	55	349	136	81	110	636	161	222
Red-winged Blackbird	500	304	182	64	75	237	839	65	153
Orchard Oriole	2	6	71	3	11	11	58	11	14
Baltimore Oriole	19	2	17	--	2	1	6	7	7
Rusty Blackbird	--	--	3	--	--	8	1	--	3
Common Grackle	1,000	220	889	152	84	259	1,302	294	811
Br.-headed Cowbird	237	300	179	43	36	187	248	35	70
Scarlet Tanager	--	9	24	--	9	2	47	--	19
Summer Tanager	3	14	48	8	22	16	44	11	5
Cardinal	57	46	345	113	82	133	524	71	206
Rose-br. Grosbeak	--	15	11	1	12	11	31	3	21
Blue Grosbeak	1	2	1	--	7	14	12	3	1
Indigo Bunting	31	63	119	3	120	70	70	10	66
Dickcissel	21	4	--	1	6	--	--	--	--
Purple Finch	--	--	--	6	--	--	--	1	--
Pine Siskin	--	--	--	--	--	--	--	--	1
American Goldfinch	235	36	693	162	23	52	601	73	106
Ru.-sided Towhee	1	24	121	64	28	135	291	82	94
Savannah Sparrow	2	--	--	--	13	10	48	9	--
Grasshopper Sparrow	--	7	--	4	19	7	19	7	2
Vesper Sparrow	--	--	--	--	--	3	--	--	3
Lark Sparrow	--	--	--	--	2	2	--	--	--
Bachman's Sparrow	--	--	--	--	--	--	--	1	--
Slate-colored Junco	--	--	--	--	--	--	--	--	22
Chipping Sparrow	2	10	101	13	29	22	67	40	44
Field Sparrow	12	31	118	43	27	70	191	24	62
White-cr. Sparrow	4	28	9	22	10	4	54	20	5
White-thr. Sparrow	12	56	140	51	--	99	354	38	15
Lincoln's Sparrow	1	2	--	--	2	2	2	--	--
Swamp Sparrow	--	7	5	--	1	10	20	1	1
Song Sparrow	--	--	--	14	8	59	245	26	140
<b>TOTAL SPECIES</b>	<b>96</b>	<b>135</b>	<b>128</b>	<b>74</b>	<b>127</b>	<b>139</b>	<b>147</b>	<b>117</b>	<b>137</b>

KNOXVILLE—All of Knox County was included in the count, as in previous years. 28 April 1968; Overcast with temperatures from 50° to 68° F. The Least Bittern and Semipalmated Sandpipers were found by Beth Lacy. The bittern had been present several days. The Blue Goose, which appears on the list for the first time, wintered in the area with some semi-domesticated ducks, and was seen on the count by Mr. and Mrs. John Elson. The Green-winged Teal, also listed on the count for the first time, was found by Dr. J. C. Howell. The Upland Plover was found by Dr. James T. Tanner and Fred Alsop. The Olive-sided Flycatcher, Orange-crowned Warbler, and Lincoln's Sparrows were found by James M. Campbell and Danny Ellis. The Swainson's Warbler, the first county record except for television tower kills, was identified in some rhododendron on House Mountain by its song by Paul Pardue and Chris McMillan. It had been seen in the same area earlier by Pardue. Total Species: 147. Forty-seven observers. J. B. Owen (compiler).

GREENEVILLE—Same areas covered as on previous spring counts. 28 April 1968; Foggy to partly cloudy; temperature 55° F. 27 April 1968, 11:00 P.M. to 28 April 1968, 11:00 P.M. Total Species: 117. Nineteen observers.

Marjorie Clemens, Elva Darnell, Helen Bartnett, Mr. and Mrs. George Fisher, Mr. and Mrs. King Guat, Dr. J. S. Jeffers, David Johnson, John Lloyd, Mr. and Mrs. Roger Miller, J. S. McGuire, Joe Neill, Willie Ruth Nevius, Richard Nevius (compiler), Andy Seay, Dr. and Mrs. Royal Spees.

ELIZABETHTON—Most of Carter County was included on the count, along with adjacent parts of Johnson, Sullivan, Unicoi, and Washington Counties, to include Shady Valley, Boone, Patrick Henry, Watauga, and Wilbur Lakes, Roan Mountain (6285 ft), and Unaka Mountain (4957 ft.). 6:00 P.M. 4 May 1968 to 6:00 P.M. 5 May 1968. The weather was cloudy to partly cloudy and windy for most of the count period; temperature 48° to 72° F. The White-rumped Sandpipers were observed at close range (10 ft.) by Mrs. Harold Dillenbeck, Joy Dillenbeck, and Mrs. George Dove. The Connecticut Warbler was observed by E. E. Davidson. Fred W. Behrend heard the Pine Siskin on Roan Mountain. Total Species: 137. Charles R. Smith (compiler).

SAVANNAH—5 May 1968; clear, little wind except on Pickwick Lake, 40° to 80° F. The Mourning Warbler, our only sighting for this area, was watched by David Patterson from a distance of about 25 feet for about one minute. It showed some gray under the bill and a slight white fringe between the black bib and the yellow breast, was otherwise like the spring male illustration in *A FIELD GUIDE TO THE BIRDS*, by Roger T. Peterson. Total Species: 112. Five observers.

Jerry Mathis, David E. Patterson (compiler), Mike Patterson, John Williams, Bob Wint.

Pied-billed Grebe (1); Green Heron (1); Little Blue Heron (1); American Bittern (1); Blue-winged Teal (18); Wood Duck (2); Turkey Vulture (10); Red-tailed Hawk (5); Broad-winged Hawk (2); Osprey (1); Bobwhite (28); Sora (2); Semipalmated Plover (1); Killdeer (21); Common Snipe (1); Spotted Sandpiper (5); Solitary Sandpiper (10); Lesser Yellowlegs (3); Least Sandpiper (3); Mourning Dove (51); Chuck-will's-widow (7); Whip-poor-will (21); Common Nighthawk (8); Chimney Swift (17); Ruby-throated Hummingbird (5); Belted Kingfisher (4); Yellow-shafted

Flicker (4); Pileated Woodpecker (12); Red-bellied Woodpecker (19); Red-headed Woodpecker (2); Hairy Woodpecker (6); Downy Woodpecker (9); Eastern Kingbird (30); Great Crested Flycatcher (15); Eastern Phoebe (3); Acadian Flycatcher (7); Eastern Wood Pewee (12); Horned Lark (1); Rough-winged Swallow (25); Barn Swallow (26); Cliff Swallow (67); Purple Martin (15); Blue Jay (53); Common Crow (21); Carolina Chickadee (23); Tufted Titmouse (19); White-breasted Nuthatch (2); Brown Creeper (3); Bewick's Wren (26); Carolina Wren (10); Short-billed Marsh Wren (2); Mockingbird (3); Catbird (12); Brown Thrasher (17); Robin (15); Wood Thrush (38); Swainson's Thrush (2); Gray-checked Thrush (2); Eastern Bluebird (24); Blue-gray Gnatcatcher (26); Cedar Waxwing (4); Loggerhead Shrike (5); Starling (33); White-eyed Vireo (48); Yellow-throated Vireo (4); Red-eyed Vireo (6); Black-and-white Warbler (4); Prothonotary Warbler (19); Worm-eating Warbler (3); Blue-winged Warbler (18); Tennessee Warbler (5); Nashville Warbler (1); Parula Warbler (2); Yellow Warbler (2); Myrtle Warbler (4); Cerulean Warbler (3); Blackburnian Warbler (1); Yellow-throated Warbler (4); Blackpoll Warbler (4); Prairie Warbler (10); Palm Warbler (3); Ovenbird (8); Northern Waterthrush (5); Louisiana Waterthrush (11); Kentucky Warbler (7); Mourning Warbler (1); Yellowthroat (34); Yellow-breasted Chat (41); Hooded Warbler (2); American Redstart (2); House Sparrow (32); Eastern Meadowlark (46); Red-winged Blackbird (73); Orchard Oriole (11); Common Grackle (162); Brown-headed Cowbird (84); Scarlet Tanager (1); Summer Tanager (21); Cardinal (93); Rose-breasted Grosbeak (8); Blue Grosbeak (4); Indigo Bunting (98); Dickcissel (19); American Goldfinch (96); Rufous-sided Towhee (22); Savannah Sparrow (42); Grasshopper Sparrow (8); Chipping Sparrow (28); Field Sparrow (9); White-throated Sparrow (31); Lincoln's Sparrow (4); Swamp Sparrow (11).

(Editor's note: The SAVANNAH count arrived after the tables had been prepared, therefore it was necessary to set the count in paragraph form.)

---

### CORRECTION

---

Under THE SEASON, Vol. 38, page 51, the *maximum number of Greater Yellowlegs* appearing in line one should read "6" instead of "16" for 17, 26 April. Mr. Kenneth Dubke called this error to the attention of the Editorial Staff.

---

## T. O. S. ANNUAL MEETING, 1968

BY HELEN B. DINKELSPIEL, *Secretary*

The 53rd Annual Meetings of the Board of Directors of the Tennessee Ornithological Society was held at 1:30 P.M. on 11 May, 1968 in the Biology Building of Tennessee Technological University at Cookeville, Tennessee.

The meeting was called to order by Chairman of the Board, Robert W. McGowan, with thirty-four officers, directors, and proxies, present.

Copies of the minutes having been distributed to officers and directors present, Mr. John Ellis made a motion that the reading of the minutes be dispensed with. Motion was seconded and carried.

*Treasurer:* Miss Annella Creech, Treasurer, reported. A motion was made by Miss Alice Smith to accept the Treasurer's report as read. Motion was seconded and carried. A copy of the Treasurer's report will occur in a later issue of THE MIGRANT.

*Editor:* Dr. Lee Herndon reported on the problems involved in the publishing and mailing of THE MIGRANT, and suggested having a Business Manager.

Mrs. Ben Coffey made a motion that the Executive Officers meet with the Editorial Staff to find out what the duties of a Business Manager should be, and then meet with the Board to see if action could be taken before the end of the Cookeville meeting. The motion was seconded and carried.

*Curator:* Mr. Albert Ganier gave a report on the duties of a Curator.

*Audit Report:* Mr. John O. Ellis, Chairman of the Finance Committee, reported no irregularities in the Treasurer's records or books, and that adequate records were maintained. Copy of the Audit Report is attached to the Minutes.

*Finance Committee:* On Recommendations requiring action:

*Item First:* Mr. John Ellis, Chairman, made a motion that: "The motion voted by the 1950 Directors at the annual meeting of the Tennessee Ornithological Society, as reported in the June 1950 issue of THE MIGRANT, page 33, having to do with certain individual members, who, having been members of the Society for 35 years, or who, having been members for 25 years and having attained age 65, being declared members in good standing and no further payment of dues on their part required, applied only to those five individual members meeting such requirements as of the date of the action taken and was intended to honor only the founders of the Society living at that time." Motion was seconded and carried.

*Item Second:* Mr. John Ellis made a motion that the Proposed Budget for Year May 1968-May 1969 be approved, excepting deletion of the amount intended for reprints of articles, and this amount shifted to Reserve for Contingencies. The motion was seconded and carried. Detailed copy of Proposed Budget is attached to the Minutes.

*Item Third:* Mr. John Ellis made a motion that, effective for the year beginning 1 January 1969 the annual membership dues be increased as follows:

<i>Type Membership</i>	<i>Current Amount</i>	<i>New Amount</i>
Individual	\$2.50	\$3.00
Family	3.00	4.00
Corresponding (out of state)	2.00	3.00
Libraries and Subscribers	2.00	3.00

The motion was seconded and carried unanimously with 20 in favor and 0 opposed. Detailed copy of Report of Finance Committee is attached to the Minutes.

*T.O.S. Arm Badges:* Mrs. E. M. West, Chairman, reported on the amount transmitted to the Treasurer following the 1967 meeting and the amount transmitted in April 1968. Mrs. West also pointed out that the Chapters were not doing their duty to promote the patches and checklists. Mrs. Joe Moss, Jr., was introduced by Mrs. West. Mrs. Moss replaces Mrs. West, who will be leaving the state, as new Arm Badge Chairman.

*Resolution:* Miss Ella Ragland, Chairman of the Resolutions Committee, requested deferment of the reading of the Resolutions until the Business Meeting.

*Membership Committee:* Mr. Kenneth Dubke, Chairman, reported that the Membership Committee had not functioned in an organizational way, but had worked, as usual, on an individual basis.

*Nominating Committee:* Mrs. W. F. Bell, Sr., Chairman, through Miss Mary Davant, nominated Dr. George Mayfield, Jr. as President-elect. The nomination was approved for presentation to the Membership.

*Finance Committee:* May 1968-May 1969—The Board approved the membership for the Finance Committee for the ensuing year as follows: Mr. Henry Parmer, Chairman, Mr. Kirby Stringer, Mr. Eugene Cypert, Mr. Edward King, and Miss Annella Creech, Treasurer.

*Conservation:* Miss Louise Nunnally made a motion to accept the proposal of the President, Mr. Robert W. McGowan, that Mr. Mack Prichard, Parks Naturalist, Division of State Parks, act as coordinator of Conservation Activities of Tennessee Ornithological Society. Motion was seconded and carried.

There being no further business the meeting adjourned.

## ANNUAL BUSINESS MEETING

The Annual Business Meeting of the Tennessee Ornithological Society was held in the Cafeteria of the Tennessee Technological University, Cookeville, Tennessee on 11 May 1968, following the Banquet.

The President, Mr. Robert W. McGowan, presided. He extended a welcome to all, with particular mention, and presentation, of the founders of the Tennessee Ornithological Society, Messrs. Dixon Merritt and Albert Ganier, as well as Mrs. George Mayfield, Sr., wife of one of the founders of the Society. Mr. McGowan expressed his appreciation for the fine organization and all the effort put forth by the members of the Upper Cumberland Chapter, at Cookeville, to make the meeting a success. There were 151 present.

The following former presidents of the Tennessee Ornithological Society were introduced:

Mrs. Ben B. Coffey, Mr. Ben B. Coffey, Mrs. Harold Garlinghouse, Mr. Paul Pardue, Mr. Albert Ganier, and Dr. Lee Herndon.

With the consent of the membership present, the minutes of the 1967 Business meeting were dispensed with.

Miss Annella Creech, Treasurer, gave a summary of her report as made to the Board of Directors, and announced that copies of the Treasurer's Report

were available at the meeting. The Treasurer's report was approved as read.

Mr. Dixon Merritt made a motion to accept the recommendation of the Executive Officers and the Editorial Staff to hire an individual for circulation services to the Editorial Staff, to prepare labels, make file card changes, stuff, sort, and mail THE MIGRANT. The motion was seconded and carried.

Mrs. Edward Carpenter made a motion to accept the recommendation of the Board of Directors to increase dues, 1 January 1969. The motion was seconded and carried.

Mr. Wallace Coffey, Vice President from East Tennessee, extended an invitation from East Tennessee for the meeting in 1968, with details to be forthcoming.

Dr. Katherine Goodpasture, State Coordinator for the U. S. Fish and Wildlife Cooperative Breeding Survey, gave a report on the survey made in 1967. The Survey showed an increase of 3000 birds on the routes covered, with four additional routes having been added over the previous year. Dr. Goodpasture requested that routes be covered for 1968 before June 20, if possible.

Miss Ella Ragland, Resolutions Chairman, read the Resolutions of her Committee, copy of which is attached to the Minutes. Dr. Cummins made a motion to accept the Resolutions. The motion was seconded and carried.

Miss Mary Davant, acting for Mrs. W. F. Bell, Sr., Chairman of the Nominating Committee, presented the name of Dr. George Mayfield, Jr., as President-elect for 1968-1969, as approved by the Board. The nomination of Dr. Mayfield was accepted.

Mrs. Bryon Paul, President of the Lebanon Chapter, gave a report, written by Mrs. Dixon Merritt, on the establishment of a Bird Sanctuary in Lebanon, with details concerning the work done in the schools with poster contests on birds, and the effort put forth to educate the public concerning protection of bird life, and conservation.

Mr. McGowan introduced the speaker, Mr. Arthur Stupka, retired Park Naturalist of the Smoky Mountain National Park, who gave an illustrated talk on "Through the Year in the Great Smoky Mountain National Park."

There being no further business, the meeting adjourned.

#### STEERING COMMITTEE

*M. R. Richmond*, Program-Housing, General Arrangements

Members of this committee: Mr. F. R. Toline, Mr. Robert Toline

*Mr. Bill Jones*, Field Trips

*Mr. Don Collier*, Field Trips

Members of this committee: Mr. Roy Hines, Dr. P. L. Hollister, Dr. Morehead

*Miss Marie White*, Food Service

Members of this committee: Miss Chrissa Wendt, Mrs. James Haile, Mrs. F. R. Toline, Miss Elizabeth Killefer

*Miss Beulah Clark*, Registration and Finance

Members of this committee: Mrs. Betty Williams, Mrs. E. B. Knight, Mrs. J. T. Moore, Mrs. Glen Myriek, Mrs. Amy Johnson, Mrs. Thelma Tinnon, Mr. Glen Myriek, Dr. John O. Cummins

*Mrs. John O. Cummins*, Public Relations, Publicity

Members of this committee: Dr. Sidney McGee, Mrs. Sidney McGee

### RESOLUTIONS

The members of the Tennessee Ornithological Society, having assembled at its 53rd annual meeting 10, 11, 12 May 1968, and having been graciously entertained by the Cookeville Chapter wish to express their appreciation to the following:

To our host chapter

To the president, the chairmen and appointed members of each committee.

To each member of the Cookeville organization who worked diligently to make the meeting a success.

To the administrative staff of the Tennessee Technological University and the participating personnel of the Biology Department.

Resolved that we acknowledge the value of those who are responsible for the coordination and presentation of the informative program and the officers who have worked to further the success of the T.O.S.

Be it further resolved that our thanks be extended to the speakers of the Paper Session, Dr. P. L. Hollister presiding: Mr. Fred J. Alsop III, Mr. Kenneth H. Dubke, Dr. Katherine Goodpasture, Mr. Albert Ganier, and to the speaker at our banquet, Mr. Arthur Stupka.

And be it resolved that special recognition be accorded our founders, Mr. Dixon Merritt and Mr. Albert Ganier for their continued interest and inspiration.

Ella Ragland, Mary Davant, Norine Smith

\* \* \* \*

## THE SECOND ANNUAL TENNESSEE ORNITHOLOGICAL SYMPOSIUM

The second annual symposium is to be held 26-27 October 1968 at the Pete Smith's Watts-Bar Resort, Watts Bar Dam, Tennessee. Phone: 365-6638. The symposium begins Saturday at 12:00 noon EST and concludes following a brief field trip to nearby Hiwassee Island to view the waterfowl concentrations, early Sunday afternoon. At least seven speakers are committed for this year's program which will focus attention on various research projects currently being carried out and dealing with areas that participants may wish to explore. The symposium is strictly informal with the greatest emphasis placed upon round table discussions and the advancement of field studies in Tennessee.

\* \* \* \*

## THE PURPOSE AND SCOPE OF "THE SEASON"

BY CHARLES R. SMITH



Beginning with this issue of *THE MIGRANT*, you will notice a new format for "*The Season*." The state has now been divided into four natural physiographic regions with season reports representing each of these regions. The arrangement of these regions can be seen on the accompanying map. Since it is hard to say definitely and exactly where one natural region ends and another begins, the boundaries of these regions are of necessity only approximations and follow county lines merely as a means to make orientation convenient. All available references on the natural physiographic regions of the United States were consulted before the present arrangement for Tennessee was determined. Those regions indicated on the map of Tennessee are continuous throughout most of the adjoining states.

By this time you are probably wondering why the regional system was adopted for seasonal reporting purposes. Prior to this time, all season reports have been designated by the city from which they were submitted. Unfortunately, this method of reporting was based on political boundaries rather than natural barriers. As you will probably realize, birds do not and can not recognize political boundaries such as city limits, county lines, and state lines. They can and do, however, conform in some way to those geographic features which form natural barriers to their movement. Also, accompanying these geographic features are climatic conditions which tend to restrict certain bird species to specific areas. Vegetational differences also accompany these geographic and climatic differences and contribute to the habitat requirements of certain species of birds. Some species, such as the Starling, can adapt to almost any type of habit situation, but other species, such as the Raven, are more restricted in their range. Our present regional system is designed so that a more logical and natural association is established between bird species and the natural regions in which they normally occur.

"*The Season*" is now organized so that each region has a single Regional Coordinator who collects the information from his region to go into "*The Season*." The names and addresses of these coordinators will be found along with their regional reports in "*The Season*." For our purposes, the seasons as reported in *THE MIGRANT* are arranged chronologically as follows: spring (February, March, April), summer (May, June, July), fall (August, September, October), winter (November, December, January). As members of the Tennessee Ornithological Society, it is the responsibility of each of you to submit information on your observations of birds to your regional coordinators

for publication in THE MIGRANT. You can send information in any form, post card or letter, typed or handwritten, to the Regional Coordinator for that region in which you made the observation. Be sure that your report of an observation gets to the Regional Coordinator during the season (as noted above) in which you made the observation and contains at least the following information: name of bird, when it was seen, who saw it, where it was seen (be as exact as possible), and how many were seen. The value of observations submitted without all of the preceding information is very limited, and it is doubtful that observations submitted without such information could even be used in some cases. It is imperative that only information for "*The Season*" be sent to Regional Coordinators. All other material should go to the Editorial Staff for publication. With your help, we will be able to prepare "*The Season*" more thoroughly and record information more adequately for anyone who needs such information for any reason in the future. "*The Season*" is the only part of THE MIGRANT devoted wholly to the routine observations of the membership of the T.O.S. It is your duty to provide those who prepare "*The Season*" with the information needed to make it useful to future researchers and to give us an adequate picture of the present status of the birds of Tennessee.

## THE SEASON

CHARLES R. SMITH, *Editor*

Those reports which follow include data from the period from 1 February through 30 April 1968. The month of February was unseasonably cold and dry. Records of the U. S. Weather Bureau indicate that February 1968 was the driest February since 1941. Daily temperatures were consistently below normal, with the exception of a brief period of mild weather around the third of the month. East Tennessee was the driest section of the state, with precipitation totals averaging as much as four inches below the normal levels for February.

March and April were generally average with respect to the weather. A snowstorm over the West and Middle portions of the state from 21-23 March left from six to sixteen inches of snow in most areas, with Memphis experiencing its second heaviest snowfall on record. The Eastern portion of the state experienced only snow flurries during the above period. Where there was heavy snow, considerable damage was done to shrubs and trees. Temperature and precipitation levels for the month of April were approximately normal in most areas.

Some of the more noteworthy records for this season follow, along with the areas in which they occurred: Western Coastal Plain: Rough-legged Hawk at Dyersburg, Purple and Common Gallinules at Reelfoot, Henslow's Sparrow at Savannah. Central Plateau and Basin: Little Blue Heron at Old Hickory Lake, Harris' Sparrow at Nashville. Eastern Ridge and Valley: Cattle Egrets at Chattanooga and Greeneville, Barnacle Goose at Knoxville (appears to be the first state record of that species), White-winged Scoters throughout most of the region, increasing records of Greater Scaup, with more people concentrating on proper identification of this species, Peregrine Falcon and Pigeon Hawk near Knoxville, Purple Gallinule at Oak Ridge, Red-cockaded Woodpecker

near Chattanooga, Tree Sparrows at Knoxville and Johnson City. Eastern Mountains: Pine Siskins and Red Crossbills in The Smokies (hardly any reported from other regions during this period). The Central Plateau and Basin Region reported that the waterfowl populations were very small for this period and that the warbler migration was very poor. Northern finches remained scarce or nonexistent throughout all regions of the state for this report period. Further details of the above observations will be found in the following season reports under their appropriate regional headings.

WESTERN COASTAL PLAIN REGION—*Grebes-Mergansers*: Horned Grebe: 10 Feb. (1) S. Pied-billed Grebe: 28 Feb. (1), 5 Apr. (5) R, all season (1-6) S. Double-crested Cormorant: 8 Mar. (1), 25 Mar. (9) R. Great Blue Heron: 31 Mar. (5), 13 Apr. (3) R, 28 Apr. (1) S. Green Heron: 8 Apr. (1) R. Little Blue Heron: 31 Mar. (1), 13 Apr. (2) R. Cattle Egret: 18 Apr. (20) R (BS), 27 Apr. (69) R (EC, MLC). Common Egret: 31 Mar. (11), 13 Apr. (2) R. Black-crowned Night Heron: 6 Apr. (2) R. Yellow-crowned Night Heron: 6 Apr. (2) R. Canada Goose: 23 Feb. (13,000) R (RR). Snow Goose: 8 Mar. (3) R. Blue Goose: 8 Mar. (7) R. Mallard: 29 Mar. (110), 27 Apr. (156) R. Black Duck: 4 Feb. (100), 22 Mar. (10) R. Gadwall: 4 Feb. (125), 22 Mar. (10) R. Pintail: 9 Feb. (115), 15 Mar. (15) R. Green-winged Teal: (23 Feb. (40) R (RR). Blue-winged Teal: 29 Mar. (1,100) R. American Widgeon: 29 Mar. (450) R. Shoveler: 29 Mar. (650) R. Wood Duck: 29 Mar. (750) R, 22 Apr. nest. Lesser Scaup: 29 Mar. (325) R. Common Goldeneye: 16 Feb. (15) R. Bufflehead: 4 Feb. (10) R. Hooded Merganser: 31 Mar. (2), 13 Apr. (1) R. Red-breasted Merganser: 27 Apr. (2) R.

*Hawk-Owls*: Cooper's Hawk: 15 Mar. (1) D (KL). Broad-winged Hawk: 9 Apr. (1) S. Rough-legged Hawk: 27 Mar. (1) D (KL). Bald Eagle: 11 Feb. (3) R. Marsh Hawk: 3 Feb. (1) S, 31 Mar. (1) R. Sora: 29 Apr. (1) R. Purple Gallinule: 29 Apr. (1) R (RR). Common Gallinule: 8 Apr. (1) R (RR). American Coot: 29 Mar. (3,100) R. Golden Plover: 30 Mar. (30) S. Common Snipe: 26 Apr. (2) R. Spotted Sandpiper: 27 Apr. (3) R, (2) S. Solitary Sandpiper: 20 Apr. (8) (1) S, 27 Apr. (9) R. Greater Yellowlegs: 27 Apr. (5) R. Lesser Yellowlegs: 3 Apr. (2) R. Pectoral Sandpiper: 27 Apr. (3) R (EC, MLC). Least Sandpiper: 27 Apr. (6) R. Herring Gull: 27 Apr. (3) S, 29 Apr. (2) R. Ring-billed Gull: 29 Apr. (3) R, all season (25) S. Great Horned Owl: 31 Mar. (1) R. Barred Owl: 31 Mar. (2) R. Short-eared Owl: (1-3) M (BH).

*Goatsuckers—Vireos*: Chuck-will's-widow: 18 Apr. (1) S. Whip-poor-will: 18 Mar. (1), next 29 Mar. (1) S. Chimney Swift: 1 Apr. (6) R. Eastern Kingbird: 8 Apr. (1), 13 Apr. (2) S. Great Crested Flycatcher: 17 Apr. (2) S. Least Flycatcher: 19 Apr. (1) S (DP, banded). Eastern Wood Pewee: 31 Mar. (2) R (JL, KL), 18 Apr. (1) S. Tree Swallow: 31 Mar. (50) R, 13 Apr. (1,000) R. Cliff Swallow: 6 Apr. (5) S. Purple Martin: 12 Mar. (4) S. Fish Crow: 16 Mar. (5) R (MLC). Wood Thrush: 8 Apr. (2) S.

*Warblers*: Worm-eating: 13 Apr. (2) S. Blue-winged: 13 Apr. (6) S. Tennessee: 4 Apr. (1) S (DP), then from 21 Apr. on. Cerulean: 13 Apr. (3) S. Blackpoll: 13 Apr. (1) S. Pine: 10 Mar. (5) singing, S. Prairie: 7 Apr. (1) S. Ovenbird: 11 Apr. (1) S. Connecticut: 19 Apr (2) LL (JL, KL). Yellowthroat: 6 Apr. (1) S. Hooded: 9 Apr. (1) S.

*Bobolink-Sparrows*: Bobolink: 27 Apr. (30) S. Western Meadowlark: 2 Feb. (1), 2 Mar. (1) R. Orchard Oriole: 14 Apr. (1). Scarlet Tanager: 11 Apr. (1), 13 Apr. (2) S. Blue Grosbeak: 20 Apr. (2) R, 20 Apr. (2) S. Pine Siskin: 23 Mar. (10), 6 Apr. (1) S. Henslow's Sparrow: 6, 7 Apr. (1) S (banded, DP). Vesper Sparrow: 23 Mar. (4), 2 Apr. (1) S. Lincoln's Sparrow: 27 Apr. (1) R.

*Locations*: D-Dyersburg LL-Land-Between-the-Lakes, M-Memphis, R-Reelfoot Lake and Tiptonville, S-Savannah.

*Observers*: BC-Ben Coffey, EC-Eugene Cypert, MLC-Mary Louise Cypert, BH-Bob Holt, JL-Janice Leggett, KL-Kenneth Leggett, JM-Jerry Mathis, DP-David Patterson, MP-Mike Patterson, RR-Reelfoot Refuge Personnel, BS-Betty Sumara.

DAVID E. PATTERSON, Harbart Hills Academy, Olive Hill 38475.

CENTRAL PLATEAU AND BASIN REGION—*Grebes-Rails*: Pied-billed Grebe: 30 Apr. (1) adult with (6) small young RL (MCW), 2nd. NA nesting record. Great Blue Heron: very scarce. Green Heron: 9 Apr. (3) RL (MCW). Little Blue Heron: 25 Mar. (1) OHL (MCW), 22 days earliest ever for these summer visitors. Geese: no reports. Ducks: very scarce. Broad-winged Hawk: 30 Mar. (1) PWP (LOT), 2nd. March record NA. Golden Eagle: 2 Mar. (2) one mile north WB (MCW). Marsh Hawk: almost absent. Sparrow Hawk: from normal to very scarce by end of period. Bobwhite: seemed more plentiful in NA. American Coot: scarce OHL, (100) wintered RL (MCW). Killdeer: very scarce.

*Sandpipers-Thrushes*: Common Snipe: 25 Mar. (2) OHL (MCW), only report. Solitary Sandpiper: several late Apr. records; almost no other shorebird reports. Ring-billed Gull: scarce, with OHL reports of (25) 31 Jan. down to (9) 23 Apr. (LOT). Yellow-billed Cuckoo: late and fairly scarce. Whip-poor-will: 28 Mar. (1) home (HCM). Common Nighthawk: 18 Apr. (1) home (HCM). Chimney Swift: 4 Apr. (6) home (HCM), a week later than average. Ruby-throated Hummingbird: 14 Apr. (1) home (JC). Red-headed Woodpecker: very scarce during usual Apr. movement. Yellow-bellied Sapsucker: 27 Apr. (1) RL (MCW). Eastern Kingbird: plentiful in late Apr. Least Flycatcher: 23 Apr. (1) banded TJ's (KAG). Wood Pewee: 17 Apr. (1) RL (MCW), ties earliest record. Tree Swallow: 24 Mar. (2) RL (MCW). Rough-winged Swallow: 24 Mar. (1) SHV (KAG, HCM). Barn swallow: 27 Mar. (1) OHL (MCW). Cliff Swallow: 27 Apr. (40) pairs building nests RR (AFG). Purple Martin: 12 Mar. (3) home WB (MCW). Winter Wren: 11 Apr. (1) BS (KAG). Transient thrushes: fairly common.

*Vireos-Warblers*: Vireos: below normal and a few days later than average: Blue-winged Warbler: 9 Apr. (2) RL (MCW). Tennessee: late and scarce, 25 Apr. (3) home (MCW). Yellow: 9 Apr. (1) MBP (MCW). No reports of Magnolia, Black-throated Green, Bluckburnian, Chestnut-sided, or Bay-breasted. Blackpoll: 27 Apr. (2) RL (MCW). Palm: 17 Apr. (1) RL (MCW). Palm: 17 Apr. (1) RL (MCW). Northern Waterthrush: early, 7 Apr. (1) home (NE). Louisiana Waterthrush: 15 Mar. (1) BS (KAG). Yellowthroat: 9 Apr. (1) RL (MCW). Hooded: 12 Apr. (1) home (JOE). Redstart: 11 Apr. (2) BS (KAG). It was a very poor warbler migration.

*Blackbirds-Sparrows*: Bobolink: no reports. Orioles: late and scarce. Rusty

Blackbird: 27 Apr. (1) FV (AC), (2) TJ's (HCM, HEP), 28 Apr. (1) TJ's (HEP), nine days latest ever NA. Common Grackle: unusually common at beginning of their nesting season. Scarlet Tanager: 14 Apr. (1) BS (KAG). Rose-breasted Grosbeak: very scarce. Blue Grosbeak: 27 Apr. (1) CW (SB). Indigo Bunting: 17 Apr. (2) SHV (KAG). Lark Sparrow: 10 Apr. (1) Murfreesboro (HCM). Slate-colored Junco: still well below normal. Tree Sparrow: 23 Mar. (4) home (FM). Harris' Sparrow: 11, 14, 15 Feb. (1) home (HH). White-throated Sparrow: still scarce through period. Swamp Sparrow: 27 Apr. (1) TJ's (HEP).

*Locations:* BS—Basin Springs, CW—Cheekwood, FV—Fernvale, MBP—Montgomery Bell Park, NA—Nashville Area, OHL—Old Hickory Lake, PWP—Percy Warner Park, RL—Radnor Lake, RR—River Road, SHV—South Harpeth Valley, TJ's Two Jays Sanctuary, WB—Woodbury, Tenn.

*Observers:* SB—Sue Bell, JC—Mrs. Jack Clarke, AC—Annella Creech, NE—Mrs. Nelson Elam, JOE—John O. Ellis, AFG—Albert F. Ganier, KAG—Katherine A. Goodpasture, HH—Hellen Hodgson, HCM—Harry C. Monk, FM—Fanny Murphy, HEP—Henry E. Parmer, LOT—Lawrence O. Trabue, MCW—Mary C. Wood.

HENRY E. PARMER, 3800 Richland Ave. Nashville 37205.

EASTERN RIDGE AND VALLEY REGION—*Loons-Mergansers:* Common Loon: regular throughout period, max. 15 Apr. (9) SHL (WC). Horned Grebe: regular, max, and last 31 Mar. (52) FLL (JMC, CM). Green Heron: first 14 Feb. (1) FLD (PP). Cattle Egret: 5 Apr. (1) AM (JD), 15-25 Apr. (15) G (RN). Common Egret: 4 Apr. (1) CL (PP), 22 Apr. (1) LC (DJ). Black-crowned Night Heron: 31 Mar. (1) G (RN), 24 Apr. (15) nesting C (PP), 29 Apr. (1) CL (PP). Yellow-crowned Night Heron: 31 Mar. (1) G (RN), 13, 29 Apr. (2) HM (PP), 14 Apr. (4) nesting AM (KD). Least Bittern 4 Apr. (1) K (JBO), 26 Apr. (1) K (PP). American Bittern: 5 Apr. (1) AM (JD), 15 Apr. (1) N (PP). Canada Goose: regular throughout period; max. (400) CL (FO) until 17 Mar.; small numbers between CL and CH throughout entire period. Barnacle Goose: 11 Feb.-17 Mar. (2) CL (TK, KOS), first state record. White-fronted Goose: 25, 27, 29 Mar. (1) HRA (KD, PP, RS). Snow Goose: 1 Feb.-17 Mar. (4) CL (FO). Blue Goose: throughout period (1) K (JE), 18, 25, 29 Mar. (1) HRA (KD, RS). Mallard: regular through 10 Apr. (2) BC (PP); max. 13 Feb. (425) HRA (KD.) Black Duck: regular through 27 Apr. (1) K (PP); max. 17 Feb. (20) K (JMC, RME). Gadwall: regular through 14 Apr. (3) A M (KD); max. 24 Feb. (70) FLL (JMC, RME). Pintail: scattered records 17 Feb.-31 Mar.; max. (1) during that period FLL. Green-winged Teal: small numbers throughout period; max. 19 Feb. (10) CL (PP). Blue-winged Teal: regular in small numbers 19 Mar.-30 Apr.; first 19 Mar. (4) SHL (WC); max. 5 Apr. (45) AM (JD). American Widgeon: regular throughout period; max. 12 Mar. (117) HRA (KD). Shoveler: small numbers through 14 Apr. (2) AM (KD); max. 1 Apr. (12) CL (PP). Redhead: regular in small numbers through 25 Mar. (2) BL; max. 7 Mar. (49) ChL (PP). Ring-necked Duck: regular through 30 Mar. (2) SHL (WC). Canvasback: only on 11 Mar. (3) CL (PP). Greater Scaup: 18 Feb. (60) FLL (FA), Mar. (258) BWP (JD). Lesser Scaup: regular throughout period; max.

31 Mar. (375) CH (JD) and 3 Apr. (450) FLD (PP). Common Goldeneye: regular through 23 Mar. (6) BWP (JD); max. 24 Feb. (125) BL (CRS). Bufflehead: regular throughout period; max. 27 Mar. (106) HRA (PP). Oldsquaw: 26 Feb. (3) SHL (WC, BS), 3 Apr. (1) FLD (PP). White-winged Scoter: 3 Feb. (7) PHL (WC, TWF, AS), 7 Feb. (2) BL (HD), 24 Feb. (15) BL (WC, LRH, CRS), 24 Mar. (6) BL (LRH), 16, 26 Feb., 23 Mar. (1) BWP (JD, KD), 31 Mar. (5) FLL (JMC, CM), 27 Apr. (2) FLL (CM). Ruddy Duck: 31 Mar. (2) BWP (JD), 1 Apr. (1) CL (PP). Hooded Merganser: regular in small numbers through 14 Apr. (2) AM (KD); max. 13 Mar. (11) C (PP). Common Merganser: 26 Feb. (2) BL (GD, HD). Red-breasted Merganser: 19 Mar. (4) SHL (WC), 31 Mar. (2) BWP (JD), 3 Apr. (8) FLD (PP).

*Vultures-Sandpipers:* Turkey Vulture: regular throughout the period; max. 23 Mar. (15) K (PP). Black Vulture: very few records; max. 12 Mar. (11) SHL (WC). Sharp-shinned Hawk: 9 Mar. (1) K (PP), 15 Apr. (1) CL (PP). Red-tailed Hawk: present in small numbers throughout period; active nest site 15 Apr. (2 adults) B (WC, BS); two active nest sites (no dates) Ch (KD). Red-shouldered Hawk: 25 Feb. (1) K (PP). Broad-winged Hawk: from 14 Mar. (1) OR (PP) through the period. Golden Eagle: 2 Feb. (2) near FLD (MS), 4 Mar. (1) HRA (KD). Bald Eagle: 21, 26 Feb. (1) BL (GD, HD), 4 Mar. (1) BWP (KD), 27 Apr. (1) NL (HC). Marsh Hawk: 5 Feb. (1) BL (GD, HD), 11 Feb. (1) K (PP), 18 Mar. (1) HRA (KD). Osprey: from 24 Mar. (1) K (FA) through period in small numbers. Peregrine Falcon: 24 Feb.-2 Mar. (1) K (FA, CM, PP). Pigeon Hawk: 29 Mar. (1) HRA (RS). Sandhill Crane: 20 Mar. (11) K (MS). King Rail: 24 Mar. (1) AM (MC). Sora: a few records from 5 Apr. (1) AM (JD) through period. Purple Gallinule: 22-25 Apr. (1) OR (JMC). American Golden Plover: 23 Mar. (125) and 24 Mar. (30) K (PP, BW, IW), 25 Mar. (22) SB, HRA (KD). Black-bellied Plover: 15 Apr. (1) SHL (WC, BS). American Woodcock: a few records throughout period; family group 29 Apr. (4) SHR (WC). Common Snipe: present throughout period; max. 5 Apr. (75) AM (JD). Spotted Sandpiper: first 15 Apr. (1) SHL (WC, BS). Solitary Sandpiper: first 23 Mar. (1) K (FA, JMC, RME). Greater Yellowlegs: first 11 Mar. (2) B (KD). Lesser Yellowlegs: first 17 Mar. (4) SB (AW). Pectoral Sandpiper: first 11 Feb. (1) K (CM), max. 25 Mar. (89) SB (KD). Least Sandpiper: 25 Mar. (40) SB, HRA (KD). Dunlin: 25 Mar. (86) RHA (KD).

*Gulls-Pipits:* Herring Gull: max. 26 Feb. (20) SHL (WC); last 29 Apr. (1) SHL (WC, BS). Ring-billed Gull: regular throughout period; max. 18 Feb. (300) FLL (FA). Bonaparte's Gull: 23 Mar. (22) BWP (JD), 25 Mar. (4) CH (KD); five records Knoxville area between 28 Mar. and 9 Apr., with max. 3 Apr. (149) FLD (PP). Barn Owl: 9 Mar. (1) JC (MER, CRS), 15 Mar. (1) K (PP), 26 Mar. (1) G (RN); one bird regularly at AM (JD, KD). Great Horned Owl: 4 Feb. (1) BL (WC, CRS), 14 Feb. (1) SHL (WC), 25 Mar. (1) G (RN), 27 Apr. (1) H (JD). Chuck-will's-widow: first 13 Apr. (4) K (PP). Whip-poor-will: first 15 Apr. (1) K (PP). Common Nighthawk: first 31 Mar. (1) G (RN), extremely early. Chimney Swift: first 5 Apr. (10) AM (JD). Red-cockaded Woodpecker: 26 Mar. (2) TRG (KD). Eastern Kingbird: first 31 Mar. (1) G (RN). Tree Swallow: first 22 Mar. (28) SB (KD). Bank Swallow: 27 Apr. (28) K (CM), 30 Apr.

(7) TRG (KD), 30 Apr. (30) ND (PP). Rough-winged Swallow: first 18 Mar. (1) K (MS). Barn Swallow: first 18 Mar. (1) ND (PP). Cliff Swallow: first 5 Apr. (4) AM (JD). House Wren: a few scattered records throughout the region except for CH; first 31 Mar. (1) K (FA). Winter Wren: a few scattered records throughout region, except the northeast portion; last 5 Apr. (1) CH (JD). Long-billed Marsh Wren: 26 Apr. (1) K (PP). Short-billed Marsh Wren: 22 Apr. (1) HRA (KD). Catbird: first 15 Apr. (1) K (SS). Brown Thrasher: a few scattered records of wintering birds throughout the region and report period. Wood Thrush: first 2 Apr. (1) OR (TM). Hermit Thrush: last 17 Apr. (1) JC (GD, HD). Swainson's Thrush: 23 Apr. (1) K (MM). Blue-gray Gnatcatcher: first 30 Mar. (2) K (JMC, RME). Water Pipit: a few scattered records throughout period.

*Vireos-Warblers:* White-eyed Vireo: first 3 Apr. (1) FLD (PP). Yellow-throated Vireo: first 11 Apr. (1) K (PP). Solitary Vireo: first 30 Mar. (1) K (JMC, RME). Philadelphia Vireo: 29 Apr. (2) ND (PP). Warbling Vireo: 21 Apr. (1) K (JMC *et al.*). Black-and-white Warbler: first 27 Mar. (1) CH (KD). Prothonotary Warbler: first 11 Apr. (1) K (CM). Swainson's Warbler: 18 Apr. (1) K (PP). Worm-eating Warbler: first 15 Apr. (1) K (RME). Golden-winged Warbler: first 16 Apr. (1) K (RME). Blue-winged Warbler: first 16 Apr. (1) K (RME). Tennessee Warbler: first 25 Apr. (1) K (PP). Orange-crowned Warbler: 21 Apr. (1) K (JMC, RME, CM, ES). Nashville Warbler: first 20 Apr. (2) K (JMC, RME). Parula Warbler: first 16 Apr. (1) CH (KD), 16 Apr. (1) K (RME). Yellow Warbler: first 29 Mar. (1) G (RN). Cape May Warbler: 20 Apr. (1) K (JMC, RME). Black-throated Blue Warbler: 20 Apr. (1) K (RME). Myrtle Warbler: regular throughout period in most of region. Black-throated Green Warbler: first 15 Mar. (1) K (PP). Cerulean Warbler: first 16 Apr. (1) TRG (KD). Blackburnian Warbler: first 20 Apr. (2) K (JMC, RME). Yellow-throated Warbler: first 15 Apr. (1) ND (PP). Chestnut-sided Warbler: 16 Apr. (1) K (RME). Blackpoll Warbler: first 26 Apr. (1) K (PP). Pine Warbler: first 25 Mar. (1) ND (PP). Prairie Warbler: first 10 Apr. (1) K (CM). Palm Warbler: first 28 Mar. (8) G (RN). Ovenbird: first 15 Apr. (1) K (CM). Northern Waterthrush: 20 Apr. (1) Col (RS), 22 Apr. (1) CL (PP). Louisiana Waterthrush: first 21 Mar. (1) Col (RS). Kentucky Warbler: first 16 Apr. (1) K (RME). Yellowthroat: first 31 Mar. (1) G (RN). Yellow-breasted Chat: first 16 Apr. (1) K (RME). Hooded Warbler: first 9 Apr. (1) Col (RS). Canada Warbler: first 20 Apr. (1) CH (KD). American Redstart: first 10 Apr. (10) K (CM).

*Icterids-Sparrows:* Bobolink: 27 Apr. (15) K (PP). Orchard Oriole: first 11 Apr. (1) N (FO). Baltimore Oriole: first 28 Apr. (1) B (WC). Rusty Blackbird: present throughout period in small numbers in middle and lower portions of region. Scarlet Tanager: first 13 Apr. (1) K (BSh). Summer Tanager: first 17 Apr. (1) K (MM). Rose-breasted Grosbeak: first 18 Apr. (1) K (MS). Blue Grosbeak: first 17 Apr. (1) K (PP). Indigo Bunting: first 18 Apr. (1) Col (RS). Dickcissel: 12 Feb. (1) G (RN). Purple Finch: very small numbers until 17 Apr. (3) CH (KD). Pine Siskin: 19 Mar. (1) Col (RS), 19 Apr. (18) and 23 Apr. (9) CH (KD). Savannah Sparrow: present throughout period; max. 24 Mar. (25) K (PP). Vesper Sparrow: first 19 Mar. (3) B (WC), last 27 Apr. (3) K (PP). Bachman's Sparrow: 27 Mar. (1) K (PP), 31 Mar. (1) G (RN). Slate-colored Junco: present until 11

Apr. (6) B (WC). Tree Sparrow: 8 Feb.-24 Mar. (8) K (PP, KOS), 18 Feb. (2) CL (PP), 1 Mar. (4) JC (HEP), 2 Mar (3) JC (LRH, HEP, CRS). Chipping Sparrow: first 4 Feb. (1) K (CM). White-crowned Sparrow: present throughout period; max. 10 Apr. (6) K (PP). Fox Sparrow: scattered reports until 20 Apr. (1) Col (RS). Lincoln's Sparrow: 19 Feb. (2) CL (PP), 8, 14 Mar. (1) OR (PP). Swamp Sparrow: present throughout period in small numbers.

*Locations:* AM—Amnicola Marsh, Chattanooga, BC—Blount County, BWP—Booker T. Washington State Park; BL—Boone Lake, B—Bristol, CH—Chattanooga, ChL—Cherokee Lake, Col—Collegedale, C—Concord, CL—Cove Lake, FLD—Fort Loudon Dam, FLL—Fort Loudon Lake, G—Greenville, HRA—Hiwassee River Area, H—Hixson, HM—House Mountain-Knox, JC—Johnson City, K—Knoxville, LC—Lick Creek, Greenville, MP—CcClure's Pond-Knox, NL—Nickajack Lake, N—Norris, ND—Norris Dam, OR—Oak Ridge, PHL—Patrick Henry Lake, RB—Red Bank, SB—Savannah Bay, SHL—South Holston Lake, SHR—South Holston River, TRG—Tennessee River Gorge, WBL—Watts Bar Lake.

*Observers:* FA—Fred Alsop, III, WAB—Bill Bridgforth, JMC—James M. Campbell, WC—Wallace Coffey, HC—Hugh Crownover, MC—Maxine Crownover, JD—Jon DeVore, DGD—Gerry Delantonas, HD—Mrs. Harold Dillenbeck, GD—Mrs. George Dove, JE—John Elson, RME—Danny Ellis, TWF—Tom Finucane, LRH—Dr. Lee R. Herndon, DJ—David Johnson, KOS—Knoxville Chapter T.O.S., TK—Tony Koella, TM—Mrs. Terry McGown, CM—Chris McMillan, MM—Mrs. Robert Monroe, RN—Ruth and Richard Nevius, FO—Frances Olsen, JBO—J. B. Owen, PP—Paul Pardue, HEP—Henry E. Parmer, MER—M. E. Richmond, MS—Mrs. Kenneth Sanders, SS—Steve Satterfield, BS—Bill Senter, BSH—Boyd Sharp, Jr., CRS—Charles R. Smith, ES—Ed Smith, RS—Roger Swanson, MS—Maxie Swnidell, AS—Ann Switzer, AW—Adele West, BW—Bill Williams, IW—Irene Williams.

JAMES M. CAMPBELL, 15 Hedgewood Drive, Knoxville 37918.

**EASTERN MOUNTAIN REGION—Grebes-Sandpipers:** Pied-billed Grebe: 10 Mar. (6) LL (PP). American Bittern: 30 Mar.-28 Apr. (1) MC (CRS). Mallard: max. 17 Feb. (24) WaL. Black Duck: max. 17 Feb. (36) WaL, 13 Feb. (75) CL (PP). Wood Duck: 10 Mar. (3) CC (PP) Ring-necked Duck: max. 17 Feb. (53) WiL, 10 Mar. (18) LL (PP). Canvasback: only on 17 Feb. (1) WaL (LRH, CRS). Common Goldeneye: 13 Feb. (3) CL (PP). Bufflehead: max. 3 Feb. (66) WiL. Ruddy Duck: 18 Feb. (1) LL (PP). Hooded Merganser: 13 Feb. (5) CL (PP), 10 Mar. (7) LL (PP). Turkey Vulture: 10 Mar. (25) CC (PP). Sharp-shinned Hawk: 13 Apr. (1) RM (CRS). Red-tailed Hawk: 10 Mar. (1) CC (PP), 29 Mar. (1) RM (CRS). Red-shouldered Hawk: 31 Mar., 7 Apr. (1) LPN (FWB). Broad-winged Hawk: first 17 Apr. (2) Golden Eagle: 25 Feb. (1) CC (DKH), through 10 Mar. when last seen by (KOS). Bald Eagle: (23 Apr. (1) MPP (EH, LH). Osprey: first 14 Apr. WaR. Turkey: 10 Mar. (1) CC (KOS). American Woodcock: 5 Mar. (2), 10-12 Mar. WaR. Common Snipe: 25-30 Mar. (1-8) MC (CRS). Spotted Sandpiper: 14 Apr. (1) E (LRH), 26 Apr. (1) SVC (FA, JMC, RME). Solitary Sandpiper: 28 Apr. (1) MC (CRS).

*Owls-Kinglets:* Barred Owl: 7 Apr. (1) LPN (FWB). Chuck-will's-widow: first 22 Apr. (1) MC (CRS). Whip-poor-will: first 27 Apr. (1). Common Nighthawk: first 20 Apr. (1) E (FWB). Yellow-bellied Sapsucker: last 14 Apr. (1). Eastern Kingbird: first 13 Apr. (1). Great Crested Flycatcher: first 20 Apr. (1). Tree Swallow: 6 Apr. (8) WaR (GW). Rough-winged Swallow: first 20 Mar. (1). Barn Swallow: first 2 Apr. (1). Common Raven: 4 Feb. (3) SL (PP), 10 Mar. (1) RM, 29 Mar. (2) RM, 13 Apr. (2) UM, 21 Apr. (1) RM. Black-capped Chickadee: 4 Feb. (8) SL (PP). Red-breasted Nuthatch: 4 Feb. (1) SL (PP). Brown Creeper: last 9 Mar. (1). Bewick's Wren: 7 Apr. (1) E (FWB). Hermit Thrush: 18 Feb. (1) CC (PP). Blue-gray Gnatcatcher: first 10 Apr. (1). Ruby-crowned Kinglet: last 29 Apr. (1).

*Vireos-Sparrows:* White-eyed Vireo: first 15 Apr. (1). Solitary Vireo: first 31 Mar. (3). Red-eyed Vireo: first 26 Apr. (1). Warbling Vireo: first 28 Apr. (2). Black-and-white Warbler: first 11 Apr. (1). Worm-eating Warbler: first 6 Apr. (1). Parula Warbler: first 14 Apr. (1). Black-throated Blue Warbler: first 20 Apr. (2). Black-throated Green Warbler: first 20 Apr. (4). Yellow-throated Warbler: first 6 Apr. (1). Chestnut-sided Warbler: first 21 Apr. (1). Pine Warbler: 10 Mar. (3) CC (KOS), 21 Apr. (1) E (LRH). Prairie Warbler: first 18 Apr. (1). Ovenbird: first 20 Apr. (6). Louisiana Waterthrush: first 30 Mar. (3). Yellowthroat: first 20 Apr. (1). Yellow-breasted Chat: first 21 Apr. (1). Hooded Warbler: first 20 Apr. (1). Canada Warbler: first 28 Apr. (1). Baltimore Oriole: first 20 Apr. (1) E, 26 Apr. (1) GAT (FA, JMC, RME, ETS). Rusty Blackbird: 10 Mar. (1) SVC (PP), 9 Mar. (3), 20 Mar. (8), 25 Mar. (2). Scarlet Tanager: first 20 Apr. (2). Summer Tanager: first 21 Apr. (1). Indigo Bunting: first 25 Apr. (1). Purple Finch: 7 Apr. (5), 10 Apr. (3), 19 Apr. (2). Pine Siskin: 4 Feb. (1) SL (PP). Red Crossbill: 4 Feb. (8) SL (PP). Savannah Sparrow: 19 Mar. (3), 3 Apr. (2). Chipping Sparrow: first 3 Mar. (1). White-crowned Sparrow: last 24 Apr. (1). Fox Sparrow: only 9 Mar. (1). Swamp Sparrow: 24 Mar.-21 Apr. (1-2) MC (CRS).

*Locations:* CC—Cades Cove, CL—Chilhowee Lake, E—Elizabethton area, GAT—Gatlinburg, LPN—Lake Phillip Nelson, LL—Laurel Lake, MC—Milligan College, MPP—Meigs Post Prong, Great Smoky Mountains National Park, RM—Roan Mountain, SL—state line, between Newfound Gap and Clingman's Dome, SVC—Sugarlands Visitor Center, UM—Unaka Mountain, WaL—Watauga Lake, WaR—Watauga River, WiL—Wilbur Lake.

*Observers:* FA—Fred Alsop III, FWB—Fred W. Behrend, JMC—James M. Campbell, RME—Danny Ellis, EH—Edgar Hale, LRH—Lee R. Herndon, DKH—Dennis K. Huffman, LH—Lloyd Hurst, KOS—Knoxville Chapter T.O.S., PP—Paul Pardue, CRS—Charles R. Smith, ETS—Edward T. Smith, GW—Gary Wallace.

DANNY ELLIS, No. 1 Hedgewood Drive, Knoxville 37918.

## 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.

## CONTENTS

TELEVISION TOWER CASUALTIES AT NASHVILLE, AUTUMN 1967. <i>Amelia R. Laskey</i> .....	25
ANNUAL AUTUMN HAWK COUNT, 1967. <i>Thomas W. Finucane</i> .....	27
THE 1968 SPRING FIELD DAYS. <i>Jon E. DeVore, State Compiler</i> .....	30
T. O. S. ANNUAL MEETING, 1968. <i>Helen B. Dinkelspiel, Secretary</i> .....	36
THE PURPOSE AND SCOPE OF "THE SEASON". <i>Charles R. Smith</i> .....	40
THE SEASON. EDITED BY <i>Charles R. Smith</i> .....	41
Western Coastal Plain Region. <i>David E. Patterson</i> .....	42
Central Plateau and Basin Region. <i>Henry E. Parmer</i> .....	43
Eastern Ridge and Valley Region. <i>James M. Campbell</i> .....	44
Eastern Mountain Region. <i>Danny Ellis</i> .....	47