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## STATUS OF THE SANDHILL CRANE IN TENNESSEE

JON E. DEVORE

### INTRODUCTION

For several years the writer has gathered records of the Sandhill Crane (*Grus canadensis*) in Tennessee. A preliminary listing of records as well as consideration of certain findings emerging from the data has been presented earlier (DeVore, 1972). Since that time the number of records has grown sufficiently to allow a more complete presentation and analysis, which is presented herein. This seems especially desirous considering the high interest nationwide which has been evident in the status of all subspecies of the Sandhill Crane over the last ten to fifteen years (Committee on Rare and Endangered Fish and Wildlife in the United States, 1966; Miller, 1974; Drewien, et. al., 1975).

### DATA SOURCES

Published records were obtained primarily from *The Migrant*, the journal of the Tennessee Ornithological Society. Other published records were obtained from the *Journal of The Tennessee Academy of Science*, *Audubon Field Notes*, and non-journal publications such as newspapers, etc.

Unpublished records, as well as clarification of a small number of records printed incorrectly in the journals, were provided by field observers and researchers working both in and out of the state of Tennessee. These particular contributions have been most helpful and, along with that provided by all persons who have published records of the Sandhill Crane in Tennessee over the years, are here gratefully acknowledged.

### DISCUSSION

Table 1 is a listing of all Sandhill Crane records for Tennessee, through spring migration 1978. This represents a total of 141 records, 5,383 cranes actually seen, as well as an unknown number of cranes "heard" or recorded as "small group" or "large flocks." There are crane records for ten of the twelve months, representing all months from September through April as well as June and August. There are no records for the months of May and July. Approximately 99% of the records are of cranes observed during early morning to evening hours; approximately 90% of the records are of cranes seen on one day only; approximately 20% of the records are of cranes observed on the ground standing, walking, feeding, or apparently going to or leaving roosting areas. There is one record of a banded crane being captured, a spring migrant (4 March 1968, Cumberland Co.) of the subspecies *G. c. tabida*,

TABLE I  
TENNESSEE SANDHILL CRANE RECORDS

Sept. 29, 1975	Blount Co.	(5)
Oct. 15, 1971	Meigs Co., Hiwassee Island	(40)
Oct. 17, 1970	Morgan Co., Wartburg	(24)
Oct. 17, 1975	Putnam Co., Cookeville	(3)
Oct. 18, 1962	Hamilton Co., Chattanooga	(1)
Oct. 21, 1951	Anderson Co., Norris Lake	(4)
Oct. 21, 1968	Pickett Co., Byrdstown	(heard)
Oct. 21, 1968	Hamilton Co., Savannah Bay	(3)
Oct. 22-24, 1942	Sevier Co., Seymour	(50)
Oct. 23, 1968	Blount Co., Maryville	(41)
Oct. 23, 1968	Sevier Co., G.S.M.N.P.	(27)
Oct. 23, 1972	Meigs Co., Hiwassee River Area	(6)
Oct. 27, 1969	Pickett Co., Byrdstown	(113)
Oct. 29, 1976	Meigs Co., Hiwassee River Area	(1)
Oct. 30, 1969	Pickett Co., Byrdstown	(21)
Nov. 3, 1970	Knox Co., Farragut High School	(3)
Nov. 6, 1968	Rutherford Co., Murfreesboro	(3)
Nov. 7, 1973	Meigs Co., Hiwassee RIVER Area	(25)
Nov. 8, 1969	Blount Co., Maryville	(23)
Nov. 8, 1971	Cumberland Co., Crossville	(12)
Nov. 9, 1971	Hamilton Co., Hixson	(276)
Nov. 9, 1971	Meigs Co., Hiwassee Island	(2)
Nov. 9, 1971	Hamilton Co., Savannah Bay	(17)
Nov. 10, 1956	Union Co., Hurricane	(4)
Nov. 10, 1968	Hamilton Co., Savannah Bay	(3)
Nov. 13, 1959 to Feb. 28, 1960	Knox Co., Andrew Jackson Lake Area	(1)
Nov. 13, 1967	Bradley Co., Candies Creek	(14)
Nov. 13, 1977	Anderson Co., Norris	(35)
Nov. 13, 1977	Knox Co.	(3)
Nov. 14, 1975	Pickett Co., Byrdstown	(45)
Nov. 15, 1964	Knox Co., U.T. Biology Bldg.	(13)
Nov. 15-16, 1966	Pickett Co., Byrdstown	(66)
Nov. 15, 1968	Knox Co., U.T. Plant Science Farm	(1)
Nov. 15, 1974	Fentress Co.	(40)
Nov. 16, 1974	Pickett Co., Byrdstown	(42)
Nov. 16, 1974	Union Co., Norris Lake	(saw 23, heard 2)
Nov. 17, 1973	Meigs Co., Hiwassee River Area	(225)
Nov. 19, 1968	Meigs Co., Hiwassee Island	(20)
Nov. 19, 1975	Franklin Co.	(25)
Nov. 22, 1975	Marion Co., Nickajack Lake	(70)
Nov. 23, 1972	Pickett Co.	(25)
Nov. 23, 1977	Cannon Co., Woodbury	(12)
Nov. 23-24, 1977	Montgomery Co., Port Royal	(200)
Nov. 24, 1977	Putnam Co., Cookeville	(98 and 22, two flocks)
Nov. 24, 1977	Davidson Co., Nashville	(90)
Nov. 24, 1977	Clay Co.	(150)
Nov. 25, 1976	Union Co., Norris Lake	(3)
Nov. 26, 1974	Sequatchie Co., Daus	(75)
Nov. 26, 1974	Hamilton Co., Savannah Bay	(1)
Nov. 29, 1967	Putnam Co., Cookeville	(3)
Nov. 29, 1972	Sequatchie Co., Daus	(289 and 200, two flocks)
Nov. 30, 1820	Shelby-Tipton Co. line	(large flocks)
Dec. 1, 1977	Putnam Co., Monterey	(24)
Dec. 2, 1969	Meigs Co., Hiwassee Island	(38)
Dec. 2, 1977	Pickett Co., Byrdstown	(heard)
Dec. 3, 1974	Sequatchie Co., Daus	(4)

Dec. 3, 1975	Putnam Co., Cookeville	(5)
Dec. 6, 1968	Union Co., Norris Lake	(75)
Dec. 7, 1975	Wilson-Summer Co. line	(28)
Dec. 7, 1977	Montgomery Co., Red River	(25)
Dec. 8, 1962	Blount Co., Hwy. 73 at G.S.M.N.P.	(13)
Dec. 8, 1975	Humphreys Co., Duck River bottoms	(8)
Dec. 9, 1973	Franklin Co., Woods Reservoir	(1)
Dec. 9, 1975	Wilson Co., Old Hickory Lake	(12)
Dec. 9, 1975	Rutherford Co., Murfreesboro	(35)
Dec. 11, 1973	Meigs Co., Hiwassee River Area	(100)
Dec. 12, 1972	Rhea Co., Dayton	(18)
Dec. 18-21, 1971	Meigs Co., Hiwassee Island	(6)
Dec. 20, 1975 to		
Jan. 3, 1976	Wilson Co., Lebanon	(18)
Dec. 20, 1976	Davidson Co., Percy Priest Lake	(20)
Dec. 22, 1971	Meigs Co., Hiwassee Island	(14)
Dec. 23, 1971	Bledsoe Co., Fall Creek Falls S.P.	(1)
Dec. 23, 1971	Meigs Co., Hiwassee Island	(1)
Dec. 24, 1969	Meigs Co., Hiwassee Island	(2)
Dec. 30, 1972	Davidson Co., Harpeth River	(1)
Dec. 31, 1971	Rhea Co., Yellow Creek	(50)
Jan. 1, 1978	Meigs Co., Hiwassee River Area	(1)
Jan. 9 to		
March 15, 1976	Sullivan Co., Kingsport	(1)
Feb. 1, 1953	Shelby Co., Memphis	(2)
Feb. 23, 1975	Meigs Co., Hiwassee River Area	(40+)
Feb. 23-25, 1977	Pickett Co., Byrdstown	(45)
Feb. 25, 1950	Anderson Co., Oak Ridge Nat. Lab.	(4)
Feb. 26, 1977	Union Co., Norris Lake	(3)
March 1, 1968	Cumberland Co., Crossville	(1)
March 1, 1975	Rhea Co., Yellow Creek	(26)
March 2, 1970	Meigs Co., Hiwassee Island	(50)
March 2, 1971	Meigs Co., Hiwassee Island	(7)
March 2, 1974	Meigs Co., Hiwassee River Area	(25)
March 4, 1965	Cumberland Co., Catoosa W.M.A.	(1)
March 4, 1968	Cumberland Co., Cumberland Mtn. S.P.	(1)
March 4, 1970	Pickett Co., Byrdstown	(128)
March 4, 1970	Marion Co., Whitwell	(12)
March 5, 1969	Pickett Co., Byrdstown	(56)
March 5, 1973	Meigs Co., Hiwassee River Area	(90 and 56, two flocks)
March 5, 1978	Pickett Co., Byrdstown	(56)
March 5, 1977	Meigs Co., Hiwassee River Area	(40)
March 6, 1975	Fentress Co.	(6)
March 6, 1978	Pickett Co., Byrdstown	(208)
March 6, 1978	Rhea Co., Old Washington	(280)
March 7, 1978	Pickett Co., Obey River	(23)
March 7, 1978	Hamilton Co., Savannah Bay	(30)
March 8-9, 1975	Hamilton Co., Savannah Bay	(19)
March 10, 1968	Pickett Co., Byrdstown	(31)
March 11, 1964	Knox Co., Knoxville	(7)
March 11, 1968	Knox Co., Oak Ridge Hwy.	(11)
March 11, 1970	Putnam Co., Lilydale	(125)
March 12, 1961	Meigs Co., Hiwassee Island	(1)
March 12, 1978	Meigs Co., Hiwassee River Area	(5)
March 12, 1978	Knox Co.	(4)
March 13, 1939	Cumberland Co., Crab Orchard	(13)
March 13, 1969	Hamilton Co., Savannah Bay	(100)
March 13, 1970	Sequatchie Co., Dunlap	(8)
March 13, 1973	Hamilton Co., Hixson	(55)
March 14, 1960	Hamilton Co., Harrison Bay	(67)
March 14, 1961	Cumberland Co., Hebbertsburg Comm.	(1)
March 14, 1969	Pickett Co., Byrdstown	(51)
March 14, 1971	Hamilton Co., Collegedale	(56)

March 15, 1960	Hamilton Co., Savannah Bay	(47)
March 15, 1965	Overton Co., Livingston	(40-53)
March 15, 1971	Pickett Co., Byrdstown	(35)
March 15, 1976	Hamilton Co., Collegedale	(18)
March 16-22, 1969	Meigs Co., Hiwassee Island	(4 flocks, appx. 100 birds each)
March 17, 1976	Hamilton Co., Savannah Bay	(4)
March 20, 1968	Knox Co., Knoxville	(11)
March 21, 1971	Pickett Co., Byrdstown	(30)
March 21, 1976	Monroe Co., Sweetwater	(1)
March 25, 1954	Knox Co., Knoxville	(4)
March 28, 1968	Knox Co., Tecoa	(11)
April 1, 1958	Knox Co., U.T. Plant Science Farm	(small group)
April 11, 1976	Hamilton Co., Signal Mtn.	(6)
April 16, 1958	Anderson Co., Clinton	(4)
June 1, 1935	Hamilton Co., Chattanooga	(1)
August, 1936	Bedford Co., Shelbyville	(4)
August 1, 1965	Hamilton Co., Savannah Bay	(1)

the Greater Sandhill Crane. All of this is in sharp contrast to the situation of ten to fifteen or more years past, when there were relatively few records of the Sandhill Crane for Tennessee, the cranes were suspected of migrating through the state mainly at night, at high altitudes, and only rarely being recorded on the ground (Walkinshaw, 1960a; Lewis, 1965).

Grouping the records by months for total number of sightings, total number of cranes seen, and mean number of cranes per sighting (Table 2) presents a clearer picture of the movements of cranes through the state. The fall migratory movement is of approximately eight- to ten-weeks duration, beginning in mid-October, peaking in November, and tapering down through December. The spring migra-

TABLE 2  
TENNESSEE SANDHILL CRANE RECORDS—  
SUMMARY OF DATA BY MONTHS

MONTH	TOTAL NUMBER OF SIGHTINGS*	TOTAL NUMBER OF CRANES*	MEAN NUMBER OF CRANES PER SIGHTING**
September	1	5	5
October	13	334	26
November	38	2175	57
December	23	499	22
January	2	2	1
February	5	94	19
March	49	2258	46
April	2	10	5
June	1	1	1
August	2	5	3

\*Where cranes were actually seen and a count obtained, omitting such records as "unknown," "heard," "large flocks."

\*\*Rounded to the nearest whole number.

tory movement is of four- to five-weeks duration, beginning in very late February and progressing steadily through to the end of March, with the greatest number of spring records for March alone. This data coincides well with fall arrival and spring departure dates noted for cranes on the northern Florida wintering areas (Williams, 1970; Williams and Phillips, 1972) and for cranes wintering at Okefenokee Swamp (Cypert, 1957). Interestingly, though involving different wintering crane populations, the Tennessee peak migratory periods coincide well with those observed for cranes moving through Oklahoma, a state of similar latitude to Tennessee (Sutton, 1967; Lewis, 1975).

Comparing the fall movement months of October, November, and December with the spring movement months of February, March, and including the three April records, it is observed there are eighteen more sightings in the three fall months and 646 more cranes seen. Additionally, the mean number of cranes seen per sighting in the peak fall movement month of November (57) is approximately 25% greater than the mean number of cranes seen per sighting in the peak spring movement month of March (46).

Both the number of sightings and the mean number of cranes seen per sighting decline considerably during the month of January through to almost the end of February. The only two records of "wintering" birds are of one crane that stayed in the Andrew Jackson Lake vicinity of Knox County from about 13 November 1959 to 28 February 1960 and one crane that stayed from 9 January to 15 March 1976 in the vicinity of Kingsport, Sullivan County.

A group of cranes numbering no more than fifty stayed in the vicinity of the Hiwassee Island Waterfowl Refuge, located in Meigs County, from 18-31 December 1971. Another group of cranes numbering eighteen lingered north of Lebanon, Tennessee near Old Hickory Lake from 9 December 1975 to 3 January 1976. These records appear to represent late migrant rather than "wintering" cranes.

It has always been puzzling to me that we have not had more winter crane records, for there are several factors which would appear conducive to holding cranes in the state during the winter months. The section of the state over which the main crane flight occurs (see discussion below) has numerous lakes, rivers, and streams with moderate to extensive shallow water and mudflat areas exposed during the winter months. Much of the land area is devoted to agricultural use, the human population density is relatively small, and economic and recreational use is at a minimum from late fall to early spring. The climate, generally, is moderate.

There are crane records for 32 of the 95 counties in Tennessee (Figure 1). The line of flight across the state is slightly diagonal, being centered approximately on Pickett and Clay counties on the Kentucky border and running south-southeast toward Bradley and Monroe counties on the southern border of the state. Davidson County and Knox and Sevier counties delineate, respectively, the approximate western and eastern boundaries. The exact number of records for the various counties is as follows: Anderson—4, Bedford—1, Bledsoe—1, Blount—4, Bradley—1, Cannon—1, Clay—1, Cumberland—6, Davidson—3, Fentress—2, Franklin—2, Hamilton—18, Humphreys—1, Knox—12, Marion—2, Meigs—27, Monroe—1, Montgomery—2, Morgan—1, Overton—1, Pickett—18, Putnam—7, Rhea—4, Rutherford—2, Sequatchie—5, Sevier—2, Shelby—1, Shelby-Tipton county line—1, Sullivan—1, Union—6, Wilson-Sumner county line—1. The flight path appears to be relatively stable. For example, west of

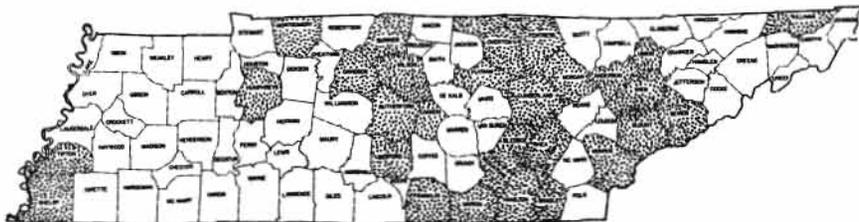


Figure 1. Tennessee Sandhill Crane records — location by counties

Davidson County there are only five separate records (one of which, the 1820 record from the Shelby-Tipton county line, is only of historical interest, Deaderick, 1940) involving 235 cranes, which is approximately 4% of the total number of cranes seen in Tennessee. East of Knox and Sevier counties there is only one record involving one crane. By far the greatest number of records is for the center of the flight path, with Pickett County (18 records), Meigs County (27 records), and Hamilton County (18 records) together accounting for approximately 45% of all Tennessee records. If Knox County (12 records) is included, these four counties together account for 53% of all records. While excellent field coverage has undoubtedly played a significant role in the number of records in the aforementioned counties, equally as sufficient coverage, in some cases going back as far as forty to fifty years, has failed to produce a like number of records in counties on the edge of or beyond the flight path.

Several interesting findings emerge from the data when the records are arranged by years (Figure 2). Approximately 97% of the crane records have occurred since 1950. A noticeable increase in records occur beginning in 1968. For the period 1820 through 1967, there are 27 crane records spread over nineteen separate years, yielding a mean of 1.42 records per year. From 1968 through spring migration 1978 there are 114 crane records spread over the eleven years, yielding a mean of 10.36 records per year. No gradual buildup in the number of records through the 1950s and 1960s is observed, just the sudden increase beginning in 1968. At least three factors are suspected to have jointly contributed to this increase. First is an increase in the number of cranes migrating through the state. There is evidence (Williams and Phillips, 1972) to indicate that beginning in the late 1960s the number of cranes on the northern Florida wintering areas began to increase. Secondly is an increase in the total pool of observers. A check of Tennessee Ornithological Society membership levels indicates that in the late 1960s and early 1970s Society membership increased from the mid-500s to the low-700s. Approximately 50 to 55% of the crane records are by persons who have reported two or less sightings. Third, coverage of important areas in some of the counties located near the center of the flight path (i.e., Pickett, Meigs, Hamilton) has continued to increase over the last ten to fifteen years.

The one June and two August crane records are of interest and worthy of consideration due to their occurrence in Tennessee at times well outside the usual migratory periods. All three records, in my opinion, represent migrants of *G. c. tabida*, the Greater Sandhill Crane. I base this on the following. I have examined the specimen reported to be that collected from the flock of four cranes seen in August, 1936 (Edney, 1940) and feel that it is an example of *tabida* based on comparison with measurements given in Walkinshaw, (1949). Both Butts (1936)

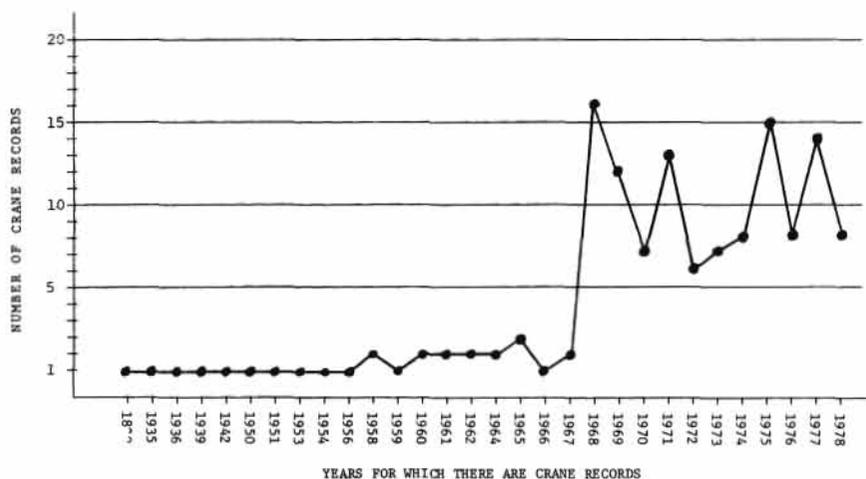


Figure 2. Tennessee Sandhill Crane records — grouped by years

and Ganier (1936) felt the crane seen and subsequently captured on 1 June 1935 was of the Florida subspecies, *G. c. pratensis*. Though a skin was prepared, no morphologic data was offered in substantiation. I attempted to locate the specimen several years ago, but was told by Dr. Butts that it had been destroyed. It seems probable that this crane was a migrant that had been wounded or had become ill. This is borne out in part by Butts' comments that the crane had been caught by hand and "appeared to be exhausted or ill." From my own contact with the colony of Sandhill Cranes resident in southern Mississippi (formerly thought to be of the Florida subspecies but now given separate subspecific designation, *G. c. pulla*, Aldrich, 1972) as well as review of both historical and recent published records of other southern breeding cranes (Baynard, 1913; Bent, 1926; Howell, 1932; McIlhenny, 1938; Oberholser, 1938; Newman, 1958; Lowery, 1960; Walkinshaw, 1960a and 1960b; Imhof, 1962; Sprunt and Chamberlain, 1970; Valentine and Noble, 1970; Aldrich, 1972) it seems improbable that either the sighting of 1 June 1935 or 1 August 1965 (DeVore, 1966) were of cranes of the *pulla* or *pratensis* subspecies. It is generally agreed that these subspecies, even during the period forty to forty-five years past, were restricted in range to small isolated colonies along the coast from Louisiana to Florida, interior areas of Florida, and the Okefenokee Swamp in southeastern Georgia. Movements outside these restricted ranges was and remains unusual. A small number of early- to late-summer records of cranes presumed to be of the *tabida* subspecies, however, are known outside the northern breeding range (Walkinshaw, 1960a).

In summary, the data justify classification of the Sandhill Crane as a fairly common fall and spring migrant across a section of the state extending from middle to east Tennessee, as well as classification as a very rare winter resident and summer migratory straggler.

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3499 GRACELAND DRIVE, MEMPHIS, TN 38116. Accepted 16 April 1979.

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#### CORRECTIONS TO THE 1974 GRUNDY CO. FORAY REPORT

While searching through the original field notes submitted to K. H. and I. H. Dubke for preparation of "The 1974 Foray: Grundy County" (*Migrant* 48:81-85, 1977), I discovered some discrepancies, which, in view of the significance of the ornithological records, merit correction and clarification. Page 82, par. 8, line 1, should read "Trip D— Jacobson and Shafer." Trip D included observations made on 25 May from 2 separate areas, one of which, Area #2, was about 1.6 km E of Oak Grove in Marion County, not Grundy County. No distinction between the counties, and the birds seen in each, was made in the bird list for Trip D. The following observations should therefore be listed as from Marion County: Cooper's Hawk, 2 birds, also stick nest of unknown identity (Table 1, col. D, and p. 84, par. 3); Am. Kestrel, 1 bird (Table 1, col. D); Great Horned Owl, 2 birds (Table 1, col. D); Brewster's Warbler, 1 bird (Table 1, col. D, and p. 85, par. 2). The Mourning Dove nest at Oak Grove (Table 2) was also in Marion County.

CHARLES P. NICHOLSON, P. O. Box 402, Norris, TN 37828.

## 1980 SPRING FIELD DAYS

RICHARD D. LURA

This years Spring Field Days made up in quality what they lacked in quantity. Only eleven counts reported. These counts recorded a total of 211 species including an Eared Grebe at Reelfoot Lake during the Spring TOS Meeting; a pair of nesting Monk Parakeets at Nashville; a Scissor-tailed Flycatcher at Murfreesboro; and an immature male Lark Bunting at Elizabethton. Presumably most of these observation will be elaborated on in Round Table Notes. As is the custom the counts are tabulated from west to east across the state.

## INFORMATION ON THE COUNTS

MEMPHIS—27 April; Meeman-Shelby Forest S.P. in A.M., Penal Farm in P.M.; partly cloudy; temp. 52 to 68°F; wind, SW, 18 mph. Ben Coffey (compiler—672 N. Belvedere, Memphis), Lula Coffey, Noreen Smith, Alice Smith, Martha Waldron, Dick Whittington (group leaders).

REELFOOT LAKE—2, 3, 4 May (TOS Spring Meeting); fair; temp. 55 to 70°F. Ben Coffey (compiler—672 N. Belvedere, Memphis).

Eared Grebe seen by many observers.

HATCHIE RIVER—21 June; cloudy to fair. Ben Coffey (compiler—672 N. Belvedere, Memphis), Lula Coffey, Chuck Cook, Joe Guinn, Tom Higgs, Martha Waldron.

MONTGOMERY COUNTY—18, 19 May; sunny; temp. 48 to 81°F; wind N, 0-12 mph. Joe Allen, Michael Dinsmore (compiler—Jarman Hollow, Palmyra 37142), Annie Heilman, Nita Heilman, Mev Jackson, Arlene Jester, Ed Johnson, Rosemary Mayor, John Quick, Mary Ann Stephens, Ellen Walker, John Wheatley.

COLUMBIA—30 April, 1 May; clear; temp. 40 to 70°F. Anne Lochridge, Bedford Lochridge, Daniel Gray, Gaither Gray, Allen Pressnell, Diane Pressnell, Barbara Finney, Mitzi Lemons, George Mayfield, Jr. (compiler—Maury County Hospital, Columbia 38401).

NASHVILLE—10, 11 May; mostly cloudy; temp. 40 to 80°F; wind S to SW, 0-21 mph. Jan Alexander, Clyde (compiler—1214 McGavock Pike, Nashville 37216) and Vivian Anderson, Mildred Ansley, Sue Bell, Ruth Castles, Jean Cobb, Anne Collins, Jim Conrad, Dot and Paul Crawford, Annella Creech, Sam Dement, Milbrey Dugger, Adele and Nelson Elam, Pam Elam, Evelyn and John Ellis, Clara Fentress, John Filley, George Freeman, Katherine Goodpasture, Ben Groce, Bessie Hagan, Tom Harston, Johnny and Martha Herbert, Ann Houk, Louise Jackson, Hazel and Lee Kramer, Carol Lewis, Adine Lyon, Portia Macmillan, Jane Maynard, Joe McLaughlin, John McLaughlin, Rocky Milburn, Pauline Miller, Anne Nichols, Alberta Oliver, David Oliver, Audrey and Don Perry, Dick Porter, Virginia Price, Margaret Puryear, Steve Rannel, Pat Stallings, Helen Sterling, Carol Stewart, Ellen Stringer, Ann Tarbell, Kenneth and Sara Walkup, Miriam Weinstein.

Good details on all unusual sightings. Monk Parakeets were nesting. Dowitchers were separated by call by Crawfords.

## 1980 SPRING COUNT

	Memp	Reel	Hatc	Mont	Colu	Nash	Murf	Leba	Knex	Gree	Eliz
Common Loon	--	4	--	--	--	--	--	--	--	--	--
Eared Grebe	--	1*	--	--	--	--	--	--	--	--	--
Horned Grebe	--	--	--	--	--	--	--	--	--	--	4
Pied-billed Grebe	6	2	--	--	14	4	5	1	4	5	21
Dbl-cr. Cormorant	--	10	--	--	--	--	--	2	--	--	--
Great Blue Heron	3	50	--	--	4	3	--	2	4	1	1
Green Heron	2	12	--	1	11	34	17	12	12	9	30
Little Blue Heron	1	7	--	--	--	--	1	--	--	--	--
Cattle Egret	39	--	--	--	--	1	--	--	--	--	--
Great Egret	--	15	--	--	--	--	--	--	--	3	--
Snowy Egret	1	--	--	--	--	--	--	--	--	--	--
Blk.-cr. Night Heron	--	--	--	--	--	26	--	--	1	--	--
Yel.-cr. Night Heron	3	20	--	--	--	--	6	--	--	--	3
American Bittern	--	2	--	--	--	--	--	--	--	--	2
Canada Goose	--	--	--	1	97	127	7	82	54	8	5
White-fr. Goose	--	--	--	--	--	--	--	--	--	--	1*
Mallard	3	12	--	--	14	27	7	14	1	16	34
Gadwall	--	--	--	--	--	--	--	--	--	3	--
Blue-winged Teal	32	50	--	2	57	19	11	3	5	41	157
American Wigeon	--	1	--	--	1	--	--	--	--	--	--
Northern Shoveler	7	40	--	--	1	4	--	--	--	--	7
Wood Duck	21	56	--	9	12	20	13	2	19	23	76
Redhead	--	--	--	--	--	1	--	--	--	--	--
Ring-necked Duck	--	--	--	--	1	2	--	--	--	--	--
Lesser Scaup	--	--	--	--	--	--	--	--	--	--	1
Bufflehead	--	--	--	--	--	--	--	--	--	--	10
Ruddy Duck	5	20	--	--	--	--	--	--	--	--	--
Hooded Merganser	--	1	--	--	--	--	--	--	--	--	--
Red-br. Merganser	--	--	--	--	--	1	--	--	--	--	26
Turkey Vulture	1	8	--	2	10	62	24	24	13	9	32
Black Vulture	2	2	--	1	2	29	31	16	--	3	3
Mississippi Kite	2	4	--	--	--	--	--	--	--	--	--
Sharp-sh. Hawk	1	--	--	--	--	2	1	--	--	--	1
Cooper's Hawk	--	1	--	--	--	--	--	--	1	--	1
Red-tailed Hawk	3	4	--	2	3	30	19	12	8	3	3
Red-shld. Hawk	3	6	2	1	2	6	--	1	--	--	1
Broad-winged Hawk	4	2	--	6	1	8	1	--	3	1	7
Marsh Hawk	--	--	--	--	--	--	--	--	1	--	--
Osprey	--	3	--	--	1	1	--	--	5	--	3
Peregrine Falcon	--	--	--	--	--	--	--	--	--	--	1*
Merlin	--	--	--	--	--	1*	--	--	--	--	--
American Kestrel	1	2	--	--	6	20	52	21	2	1	5
Ruffed Grouse	--	--	--	--	--	--	--	--	--	--	3
Bobwhite	8	7	--	11	27	117	65	31	38	3	29
Turkey	1	2	--	--	4	50	--	--	--	--	--
Virginia Rail	--	--	--	--	3	--	--	--	--	--	--
Sora	--	--	--	--	12	1	--	--	1	--	1
Black Rail	--	--	--	--	--	--	--	--	1*	--	--
American Coot	5	300	--	--	67	29	5	8	9	16	12
Semipalmated Plover	5	45	--	--	--	48	--	--	1	--	--
Killdeer	9	24	--	5	21	53	33	24	58	6	51
American-gld. Plover	25	2300	--	--	--	--	--	--	--	--	--
American Woodcock	2	--	--	--	2	6	3	3	2	--	1
Common Snipe	--	1	--	1	1	1	--	1	8	1	100
Spotted Sandpiper	1	9	--	1	6	20	4	4	9	4	29
Solitary Sandpiper	2	21	--	--	9	7	12	30	13	1	82
Willet	--	13	--	--	--	--	--	--	1*	--	--
Greater Yellowlegs	2	8	--	--	--	7	--	--	2	--	3
Lesser Yellowlegs	26	73	--	--	6	2	4	1	--	--	53
Pectoral Sandpiper	15	190	--	--	2	52	--	--	2	--	4
White-rumped Sandpiper	--	--	--	--	--	--	20*	--	--	--	--
Baird's Sandpiper	--	--	--	--	--	8*	--	--	--	--	--
Least Sandpiper	6	39	--	--	1	936	2	--	2	--	11
Short-bil. Dowitcher	--	--	--	--	--	10*	--	--	--	--	--
Long-bil. Dowitcher	--	--	--	--	--	16*	--	--	--	--	--
Semipalmated Sandpiper	--	2	--	--	--	267	--	--	--	--	--
Western Sandpiper	--	--	--	--	--	2	--	--	--	--	--
Ring-billed Gull	153	30	--	--	--	2	--	8	49	--	149
Bonaparte's Gull	--	--	--	--	--	1	--	--	9	--	29
Forster's Tern	--	3	--	--	--	5	--	--	--	--	6

	Memp	Recl	Hatc	Mont	Colu	Nash	Murf	Leba	Knox	Gree	Eliz
Common Tern	—	—	—	—	—	2	6	—	—	—	3
Rock Dove	1	1	—	5	32	8	—	32	183	3	28
Mourning Dove	9	19	—	16	50	216	215	46	271	56	149
Monk Parakeet	—	—	—	—	—	2 <sup>o</sup>	—	—	—	—	—
Yellow-billed Cuckoo	—	16	11	—	3	105	25	10	7	—	1
Black-billed Cuckoo	—	—	—	—	1	7	—	—	2	—	—
Barn Owl	—	1	—	—	1	—	1	2	—	—	—
Screech Owl	—	—	—	—	1	2	1	8	11	—	6
Great Horned Owl	—	1	—	—	2	10	4	1	—	—	—
Barred Owl	3	7	—	—	7	11	—	3	1	—	1
Chuck-will's widow	—	—	—	—	2	4	8	10	9	—	—
Whip-poor-will	—	—	—	—	25	29	2	2	—	1	3
Common Nighthawk	—	5	—	—	1	18	16	11	—	—	—
Chimney Swift	12	18	15	10	40	445	371	175	407	26	243
Ruby-thro. Hummingbird	10	30	3	—	6	27	2	7	4	—	4
Belted Kingfisher	—	2	2	1	2	16	13	2	10	4	19
Common Flicker	10	5	—	13	4	28	39	7	45	11	40
Pileated Woodpecker	6	11	6	6	19	33	4	2	13	11	17
Red-bel. Woodpecker	31	30	10	13	25	90	41	26	31	1	14
Red-hd. Woodpecker	34	51	6	2	10	6	9	6	3	2	4
Yel.-bel. Sapsucker	—	—	—	4	—	—	2	2	2	—	—
Hairy Woodpecker	4	5	1	1	6	10	8	3	2	1	4
Downy Woodpecker	13	22	13	9	43	43	15	8	20	14	42
Scissor-tailed Flycatcher	—	—	—	—	—	—	1 <sup>o</sup>	—	—	—	—
Eastern Kingbird	36	15	—	5	1	70	77	40	25	—	22
Great Cr. Flycatcher	21	24	4	—	10	81	14	31	16	—	12
Eastern Phoebe	2	2	—	3	8	26	7	15	18	—	28
Acadian Flycatcher	—	15	39	1	2	30	2	—	4	—	5
Least Flycatcher	—	9	—	—	—	—	—	—	—	—	—
Eastern Wood Pewee	5	15	6	4	4	74	15	12	3	1	—
Olive-sd. Flycatcher	—	—	—	—	—	1	—	—	—	—	—
Horned Lark	2	64	—	—	—	—	—	—	—	12	4
Tree Swallow	31	7	—	—	55	8	1	—	40	—	8
Bank Swallow	—	—	—	—	4	4	2	9	21	—	—
Rough-winged Swallow	7	25	—	5	56	25	17	22	76	3	88
Barn Swallow	42	60	42	8	89	284	191	150	462	19	246
Cliff Swallow	—	—	—	—	—	500	—	—	16	—	7
Purple Martin	42	25	—	23	34	63	77	50	238	4	135
Blue Jay	17	22	1	39	37	238	141	137	412	46	130
Common Crow	1	30	8	10	39	141	79	58	269	76	174
Fish Crow	7	6	—	—	—	—	—	—	—	—	—
Carolina Chickadee	33	33	27	11	52	171	75	21	153	23	103
Tufted Titmouse	60	40	17	24	39	149	38	30	70	32	92
White-br. Nuthatch	4	10	6	5	9	21	—	—	6	1	7
Red-br. Nuthatch	—	—	—	—	—	1	—	—	—	—	—
Brown Creeper	—	—	1	—	—	—	1	—	—	—	—
House Wren	—	2	—	—	1	19	2	—	13	1	12
Winter Wren	—	—	—	—	—	—	—	—	1	—	—
Bewick's Wren	—	—	—	—	2	2	2	9	—	—	—
Carolina Wren	35	15	22	2	19	94	7	7	94	15	50
Long-bl. Marsh Wren	—	—	—	—	—	—	—	1	—	—	3
Short-bl. Marsh Wren	—	—	—	—	—	1	—	—	—	—	—
Mockingbird	11	12	1	18	34	144	128	48	161	30	76
Gray Catbird	7	10	1	1	33	69	39	22	17	—	13
Brown Thrasher	3	8	—	15	28	111	96	52	73	23	46
American Robin	31	14	—	29	49	445	248	61	422	85	340
Wood Thrush	34	17	32	8	25	74	12	14	60	3	80
Hermit Thrush	—	—	—	—	5	—	—	2	1	—	—
Swainson's Thrush	70	23	—	1	10	181	6	3	12	—	2
Gray-cheeked Thrush	3	3	—	—	—	10	—	—	1	—	—
Veery	3	1	—	2	3	15	7	3	—	—	1
Eastern Bluebird	3	—	—	3	32	69	33	17	47	7	42
Blue-gray Gnatcatcher	68	70	22	18	51	70	10	12	118	13	71
Ruby-cr. Kinglet	6	1	—	2	9	1	—	—	84	2	36
Water Pipit	—	2	—	—	—	2	—	—	—	—	75
Cedar Waxwing	5	11	—	7	6	87	41	—	55	3	573
Loggerhead Shrike	1	8	—	4	4	21	25	14	—	—	—
Starling	31	80	—	20	205	565	1.6M	287	918	51	455
White-eyed Vireo	45	48	30	15	59	91	13	14	91	1	41
Yellow-thro. Vireo	15	13	6	4	6	10	1	2	22	1	12



MURFREESBORO—10, 11 May; clear; temp. 52 to 78°F. Glenn Birdwell (compiler—Rt. 3, Compton Road, Murfreesboro) Maria Birdwell, Lou Erwin, Edith Haynes, Ann Hettish, Bob Hettish, Margaret Hibbett, Richard Hunter, Wilma Hunter, Wrenn Jones, Jenny Justice, Pat Martin, Larry McFarlin, Mary McFarlin, Ruth McMillan, Gene Odom, Ruth Odom, Deane Quesenberry, John Sellars, Alberta Spence.

Scissor-tailed Flycatcher present for third year.

LEBANON—3, 4 May. Earline Berry, Jeff Reed, Lou Overman, John Sellars, Ray Pope, Carol Pope, Anne Hettish, Grace Speck, Bessie Walker, Ruth McMillan (compiler—Rt. 2, Box 141, Lascassas 37085), Mac McMillan, W. Reid McKee, Robert Hosier, Fred Dettelson.

KNOXVILLE—27 April; cloudy and rain; temp. 55 to 64°F; wind, 10-15 mph. Jim Campbell, Betty Reid Campbell, Marcia Davis, Paul Hartigan, Mary Jo Hoover, J. C. Howell, Helle Juul, Tony Koella, Beth Lacy, Morton Massey, Dick Minuet, Gene Minuet, Terry McGown, Allison McNutt, Bill McNutt, Holly Overton, J. B. Owen (compiler—2930 North Hills Blvd., Knoxville 37917), Paul Pardue, Ethel Ritchie, Lawrence Ritchie, Polly Ruder, Boyd Sharp, James T. Tanner, Dave Turner, Linda Turner, Ralph Zaenglein.

Good details on unusual sightings.

GREENEVILLE—20 April; clear; temp. 45 to 74°F; wind, 0-5 mph. Connie Bryant, David Bryant, Margaret Gaut, King Gaut, Richard Nevius (compiler—Rt. 8, Greeneville), Willie Ruth Nevius, Velma Presley, Doug Ratledge, Ken Ripley, Helen Spees, Royal Spees.

ELIZABETHTON—26 April; overcast. Glenn Eller (compiler—Rt. 3, Grandview Terrace, Elizabethton 37643).

Good details on unusual species. Lark Bunting was photographed.

102 Terrace Court GB, Johnson City, TN 37601.

## THE SEASON

DR. FRED J. ALSOP, III, *Editor*

## SPRING MIGRATION: 16 MARCH - 15 MAY, 1980

The following report is incomplete as the data for the Central Plateau and Basin Region was unavailable after an extended deadline at the time this material was called for by the editor of *The Migrant*.

This season's report is highlighted by several exciting records. The most outstanding being the observation of a *Lark Bunting* in late April in Elizabethton. This constitutes only the *second* sighting of the species in Tennessee. Tony Koella flushed a *Black Rail* from a hayfield in Jefferson County in early May. There are only *three* previous records from Tennessee, and all are from nearby Cocke and Greene counties. In early April Ben and Lula Coffey located the *first nests* of the *Fish Crow* to be documented in Tennessee finding a total of 4 in the Memphis area. Rick Phillips and Tom Laughlin found the first evidence that our wintering *House Finches* may now be *nesting* here when they observed a pair of adult birds feeding a short-tailed fledgling in Oak Hill Cemetery in Kingsport in early May.

There were several records of species listed as threatened in Tennessee by the Tenn. Wildlife Resources Agency. Sharp-shinned and Cooper's Hawks were seen in both the Eastern Mountain and Eastern Ridge and Valley Regions. Single Bewick's Wrens were found in the Eastern Ridge and Valley and Western Coastal Plain regions and Grasshopper Sparrows were located at 2 different sites in the last region. Marsh Hawks were also seen in the Western Coastal Plain.

Species listed as endangered by the above agency and counted during the period included Ospreys in the Eastern Mountain and Eastern Ridge and Valley regions. Birders in the last region also had a Bald Eagle, a Peregrine Falcon, and at least 2 Bachman's Sparrows. The nest of a Common Raven was seen in early May in Great Smoky Mountains National Park. Mississippi Kites begin returning to their breeding areas in the Western Coastal Plain in the first week of May. Ken Dubke identified a Mississippi Kite near Savannah Bay in the Eastern Plateau and Basin in mid-April. This is the easternmost record for the bird in the State and only the fourth record off the Gulf Coastal Plain.

Two nests of the Great Horned Owl were discovered in the Eastern Mountain Region and one active nest was located in the Eastern Ridge and Valley. The Ridge and Valley also produced a nest record for the Red-tailed Hawk and 6 active nest sites of Red-shouldered Hawks. The largest spring flight of Sandhill Cranes recorded to date was observed in the Eastern Ridge and Valley with 1,270 birds counted. Good numbers of shorebirds were found at the Kingston Steam Plant in the Eastern Ridge and Valley and Upland Sandpipers were seen in the Eastern

Mountain Region where they are rarely recorded.

Olive-sided Flycatchers were observed in the two easternmost regions and a Yellow-bellied Flycatcher was identified in Hardeman County in the western end of the State. Both hybrids of the Golden-winged/Blue-winged Warbler complex were spotted the same weekend in late April with a Brewster's Warbler in Knox County and a male Lawrence's Warbler, which sang a Golden-wing song, was seen just to the south in Great Smoky Mountains National Park. House Finches remained well into May in East Tennessee and Painted Buntings were found once more at Covington in the Western Coastal Plain. These outstanding records in more detail and numerous others follow. Please send *your* birding records to your regional compiler today.

**WESTERN COASTAL PLAIN REGION**—The spring migration was generally slow and late. We had an unusually mild winter and practically no spring temperatures of any great variance. The spring migrants arrived in late April with many making their appearance at birdbaths in early May.

*Heron-Tern*: Little Blue Heron: 24 Apr (12) M (JD, ND). Mississippi Kite: 6 May (3) Frayser (JS), 7 May (2) OP (JS), 8 May (1) Obion Co., Big Lake, Gooch WMA (CN), 11-13 May (1) Ra (JF, SF), 15 May (2) OP (NS, MW). Marsh Hawk: 26 Apr (1) M (JD), 12 May (1) Hooker's Bend Area, Dickey Landing, Hardin Co. (CN). Virginia Rail: 10 Apr (1) M (JS). Pectoral Sandpiper: 4 May (175) Phillip Pits, Lake Co. (CN). Forester's Tern: 10 May (2) Coro Lake, SW Memphis (BBC, CN).

*Swift-Waxwing*: Chimney Swift: 2 Apr (950) M (JD, ND). Eastern Kingbird: 2 Apr (1) Dyer Co. (WGC). Yellow-bellied Flycatcher: 11 May (1) Hardeman Co., Hwy 57 at Muddy Creek (CN). Eastern Phoebe: 23 Apr (1) FPSP, (1) Cold Creek (AS). *FISH CROW*: 2 Apr (1 nest). This is the first nest for Overton Park (BBC), 5 Apr (3 nests) Riverside Park (BBC, LCC). *BEWICK'S WREN*: 2 Apr (1) C (AS). Short-billed Marsh Wren: 5 May (1) D (WGC), 7 May (1) Hooper Marsh, Dyer Co. (WGC). Swainson's Thrush: This spring the Swainson's Thrush count was unusually low as compared to previous years. Water Pipit: 5 May (2) Air Park Inn, Lake Co. (PC, DC, DJ, CN). Cedar Waxwing: 20-21 Mar (800) M (JD).

*Warbler-Sparrow*: Swainson's Warbler: Chuck Nicholson taped the Swainson's in the following counties during the week of May 4-11: Henry (1), Weakley (3), Obion (1), Lake (1), Shelby (4), Fayette (1), Hardeman (1). Tennessee Warbler: This warbler was late and only common this season M (BBC). Blue-winged Warbler: fairly common from 13 Apr to 5 May M (BBC). Yellow Warbler: 9 May (1) Dyer Co. Tiger Tail (CN). Cape May Warbler: 12 May (1) M (BB). Palm Warbler: 14 Apr (1) Dyer Co. (WGC). Mourning Warbler: 13 May (1) M (CB). Bobolink: 9 May (220) Dyer Co., 5 mi. N. of Tiger Tail (CN). Blue Grosbeak: 15 Apr (1) M (VH, MR). *PAINTED BUNTING*: 11 May (1) C (AS). Note: this species was not at this location in 1977 or 1979; it was first found in 1975. Grasshopper Sparrow: 9 May (3) Dyer Co. 5 mi. N. of Tiger Tail (1) 4 mi. S. W. of Newbern (CN). White-throated Sparrow: 17 May (1) M (BBC, LCC), 20 May (1) M (CB), 21 May (1) M (DD).

*Observers*: BB—Bob Browne; CB—Carolyn Bullock; BBC—Ben B. Coffey; DC—Dot Crawford; LCC—Lula C. Coffey; PC—Paul Crawford; WGC—William G. Criswell; DD—Dollyann Daily; JD—Jon DeVore; ND—Nancy DeVore; JF—Jim Ferguson; SF—Sue Ferguson; VH—Van Harris; DJ—Daniel

Jacobson; CN—Chuck Nicholson; MR—Martha Roark; AS—Alice Smith; JS—John Stokes; NS—Noreen Smith; MW—Martha Waldron.

*Locations:* C—Covington; Cold Creek—West Lauderdale Co.; FPSP—Fort Pillow State Park, West Lauderdale Co.; Frayser—NW Memphis; M—Memphis; OP—Overton Park—city park in Memphis; Ra—Raleigh; Riverside Park—city park in Memphis.

MARTHA WALDRON, 1626 Yorkshire Dr., Memphis 38119.

EASTERN RIDGE AND VALLEY REGION—Probably the most spectacular event of the season was the continuous number of Sandhill Crane reports received. When the movement was over the grand total of 1,270 cranes were tallied by various observers.

On 5 May Tony Koella flushed a secretive and seldom reported *Black Rail* from an overgrown dry hayfield on his farm in Jefferson County. It would be very interesting to know whether it was a migrant or, even better, a local nester. Details will appear as a "Round Table Note."

This season Steve and Barbara Stedman have been most persistent and faithful in monitoring the shorebird movement at the Kingston Steam Plant. On 26 April they counted an impressive 220 Lesser Yellowlegs there.

Finally, Ken Dubke identified a *Mississippi Kite* near Savannah Bay on 17 April and Dick Lura found a very large number of Vesper Sparrows at Austin Springs on 15 April.

*Loon-Merganser:* Common Loon: 13 Apr (raft of 12) SB (KLD); 19 Apr (10) BL (SG, MD); 1 May (1) BL (RK); 19 May (1) NL (Terry Chitcoat, Ralph Jordan *vide* CPN). Horned Grebe: 23 Mar (14) ChL (EK); 20 Apr (1) KSP (SBS, RAH); 28 Apr (1) BL (RK). Pied-billed Grebe: 29 Apr (2) SB (KLD). Double-crested Cormorant: 30 Apr (7) AS (SG, MD, RK); 6 May (5) HRA (KLD). Little Blue Heron: 26 Apr (1) RR (KD). Cattle Egret: 15 Apr (1) Huntsville (Ed Beddow, Jim Pentecost); 16 Apr (1) Sullivan Co. (Gary Wallace); 21 Apr - 8 May (3-7) DL (TK); 13 May (4) NoL, Grainger Co. (JCH). Great Egret: 13 Apr (4) CL (JCH, LT); 15 Apr (1) AM (RBW); 16 Apr (1) MHL (WKJ); 17 Apr (1) EB (LT); 15-25 Apr (1-2) AS (RK, DL). Black-crowned Night Heron: 25, 26 Apr (1) AS (RK). Yellow-crowned Night Heron: 17, 24 Apr (1) AIM (BHS, MLD). American Bittern: 27 Mar - 26 Apr (1-3) AS (ETOS); 19 Apr (1) K (PH). Snow Goose: 14-20 Mar (6) EB (WKJ). Gadwall: 28 Apr (1) AS (RK). Northern Shoveler: 28 Apr (2) AS (RK). Redhead: 18 Mar (105) ChL (KLD). Scaup  *spp.* 18 Mar (1200) ChL (KLD). Lesser Scaup: 11 May (1) JC (MD). Bufflehead: 20 Apr (2) KSP (SBS, RAH). *Oldsquaw:* 22-23 Mar (6-2) ChL (DRJ, EK, LD). Ruddy Duck: 18 Mar (12) ChL (EK); 16 Apr (2) AS (RK). Hooded Merganser: 13 Apr (8) SB (LD, EK). Common Merganser: 19 Apr (2) BL (SG, MD). Red-breasted Merganser: 17 Apr (7) EB (LT); 6 May (4) AS (RK).

*Kite-Plover:* MISSISSIPPI KITE: 17 Apr (1) SB (KD). Sharp-shinned Hawk: 22 Mar (1, killed a Red-headed Woodpecker) NoL (JCH); "normal" number Eliz-JC (ETOS); Cooper's Hawk: 19 Apr (1) K (PH); "normal" during period Eliz-JC (ETOS). Red-tailed Hawk: one active nest site HRA (KLD); "common" near home and farm JCo (TK). Red-shouldered Hawk: of nine new and previously known nesting territories six appeared to be active in the Chattanooga area (KLD, RBW, RBM *et al.*). Broad-winged Hawk: 20 Apr (81 migrating) Mt. Roosevelt

(KTOS). Bald Eagle: 26 Mar (1) NL (James K. Pettyjohn *fide* KD). Marsh Hawk: 31 Mar (1) House Mt. KCo (BHS); 7 Apr (1) JCo (TK). Osprey: reported from along most large waterways. *PEREGRINE FALCON*: 26 Apr (1) BL (MD, JK). American Kestrel: "common" near home and farm JCo (TK). Sandhill Crane: 16-25 Mar (276) K, SB, CH, SM (Dave Etnier, KLD, Maxine Crownover and Howard Yarbrough); this and the past report represent the largest spring flight ever recorded in the region. A total of 1,270 cranes were observed and reported. Virginia Rail: 26 Mar (1) AIM (Dan Eagar, CPN); 17 Apr (3), 24 Apr (3) AIM (MLA, SBS). Sora: 17 Apr (1) AIM (BHS); 26 Apr (1) AS (GDE). *BLACK RAIL*: 5 May (1) JCo (TK). Semipalmated Plover: 10 May (1) NL (DRJ, JTP); 12 May (1) AS (RK).

*Sandpiper-Woodpecker*: Common Snipe: 23 Apr (6) AM (DRJ). Spotted Sandpiper: max 7 May (8) KSP (SBS). Willet: 27 Apr (20) KSP (RAH, SBS). Lesser Yellowlegs: max 26 Apr (220) KSP (SBS). Pectoral Sandpiper: 26 Apr (4) AS and BL (GDE, MD, JK); 7 May (24) KSP (SBS). Least Sandpiper: 11 May (11) NL (DRJ, LMJ). Dowitcher *spp.*: 26 Apr (18) KSP (SBS). Western Sandpiper: 6 May (1) AS (SG, MD). Herring Gull: 26 Apr (1) RR (KD). Ring-billed Gull: 10 May (20) NL (DRJ, JTP). Bonaparte's Gull: impressive spring migration reported 11-29 Apr from NoL, KSP and FLL (JCH, WKJ, SBS); max 18 Apr (150) FLL (WKJ): 19-26 Apr (9-18) BL (SG, MD, JK); 10 May (1) NL (DRJ). Forster's Tern: 26 Apr (1) KSP (SJS); 26 Apr (6) AS (GDE); 6 May (17) HRA (KLD); 10 May (1) NL (DRJ, JTP). Common Tern: 26 Apr (3) BL (MD, JK). Caspian Tern: 22 Apr (1) NL (DRJ). Barn Owl: resident pair White Pine, JCo (TK). Great Horned Owl: one active nest HRA (KLD). Red-headed Woodpecker: 5 Apr (8) recorded on a Sequatchie R. float trip between Dunlap and Whitwell, a good count for this area (DRJ *et al.*).

*Flycatcher-Waxwing*: Willow Flycatcher: 10 May (1) AM (DRJ); 12 May (1) AS (RK). Least Flycatcher: 14 May (1) Claiborne Co. (CPN). Olive-sided Flycatcher: 7 May (1) Cross Mt, CCo (REB, JCH). Horned Lark: common resident at home and farm JCo (TK). Tree Swallow: 23 Mar (12) SB (LD); 29 Apr (150) NL (DRJ). Bank Swallow: 11 May (4) NL (DRJ, LMJ). Bewick's Wren: 11 May (1) Marion Co. (DRJ, LMJ). Long-billed Marsh Wren: 26 Apr (2) JB (RK); 7 May (1) SB (KLD); 7 May (1) CCo (JCH, REB). Short-billed Marsh Wren: 23 Apr (2) AM (DRJ). Water Pipit: 26-28 Apr (3-75) JB (RK); 7 May (1) KSP (RAH, SBS). Cedar Waxwing: 13 May (15) SB (KLD).

*Vireo-Warblers*: Philadelphia Vireo: 10 May (1) TRG (DRJ, JTP). Warbler migration: Nicholson stated it best as not particularly impressive, no large waves reported and arrivals/departures pretty much on schedule. Prothonotary Warbler: 6 May (1) along Watauga R. (RK). Swainson's Warbler: 10-12 May (1) at residence in CH (JP). *BREWSTER'S WARBLER*: 27 Apr (1) KCo (Bill and Allison McNutt). Orange-crowned Warbler: 25, 26 Apr (1) K (JCH); 27 Apr (1) Mt Roosevelt (RAH, SBS). 8 May (1) K (JCH).

*Bobolink-Sparrows*: Bobolink: 26 Apr - 15 May (25-50) at home and farm JCo (TK). Rose-breasted Grosbeak: 13 Apr (1) CCo (JCH, LT). Evening Grosbeak: a few scattered numbers of up to 25 reported to 26 Apr from CH and SM (Ann Gibson, RBW, JP); a few reports to 20 Apr (2) K (PH) and 6-12 to 6 May in JC (MD) and the last report 7 May (1) JC (SG). *HOUSE FINCH*: 11 May (2 adults feeding one short-tailed fledgling) Kingsport (Rick A. Phillips, Tom Laughlin); at least 2 till end of period K (Jim and Betty Mason *fide* SBS); last seen 7 May (1) JB (RK). Savannah Sparrow: "common" at home and farm JCo (TK) with the last

observation there 5 May. Vesper Sparrow: 25 Mar (1) SB (KLD); 19 Apr (1) Soddy-Daisy (DRJ); 15 Apr (75+) AS (DL). Lark Sparrow: 22 Mar (1) K (SBS). *BACHMAN'S SPARROW*: 22 Mar (1) Westel (BHS); 4 May (2) Westel (TK). Dark-eyed Junco: 22 Apr (1) Point Park (KD). White-crowned Sparrow: 20-30 at four locations JCo (TK) with the last sighting on 5 May; 26 Apr (1) JC (SG, Glenn Swofford); 9 May (1) K (PH). White-throated Sparrow: 9 May (1) K (PH); 13 May (1) JC (RK). Fox Sparrow: 21 Mar (3) K (SBS). Lincoln's Sparrow: 13 May (1) JC (RK).

*Locations*: AM—Amnicola Marsh; AS—Austin Springs; AIM—Alcoa Marsh; BL—Boone Lake; CCo—Campbell County; CL—Cove Lake; ChL—Chickamauga Lake; DL—Douglas Lake; EB—Eagle Bend Fish Hatchery, Clinton; Eliz-JC—Elizabethton-Johnson City Area; FLL—Fort Loudoun Lake; HRA—Hiwassee River Area; JB—Jonesboro; JC—Johnson City; JCo—Jefferson County; K—Knoxville; KCo—Knox County; KSP—Kingston Steam Plant; MHL—Melton Hill Lake; NL—Nickajack Lake; NoL—Norris Lake; RR—Reflection Riding; SB—Savannah Bay; SM—Signal Mt.; TRG—Tennessee River Gorge.

*Observers*: BHS—Barbara H. Stedman; CPN—Charles P. Nicholson; DL—Dick Lura; DRJ—Daniel R. Jacobson; EK—Elena Killian; ETOS—Elizabethton Chapter, TOS; GDE—Glen D. Eller; JCH—Joseph C. Howell; JK—Joy Kyle; JP—Janet Phillips; JTP—Johnny T. Parks; KD—Ken Dubke; KLD—Kenneth H. & Lillian H. Dubke; KTOS—Knoxville Chapter, TOS; LD—Lil Dubke; LMJ—Lemuel M. Jacobson; LT—Linda Turner; MLA—Mark & Laurie Armstrong; PH—Paul Hartigan; RAH—Ron & Audrey Hoff; REB—Robert E. Beck; RK—Rick Knight; RBM—Robert B. Mitchell; SBS—Stephen J. & Barbara H. Stedman; SG—Sally Goodin; SJS—Stephen J. "Steve" Stedman; TK—Jon A. "Tony" Koella; WKJ—Wesley K. James; MD—Martha Dillenbeck.

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**EASTERN MOUNTAIN REGION**—This particular count period's starting date of 16 March was also the beginning of warm weather for the area, as the last week of the month saw warmer temperatures and wet weather. March had a total of over 7 inches of precipitation. April was warm and relatively dry as were the first two weeks in May.

Birding activity increased in April after the dull winter period. Several notable species were observed, but probably the best bird seen was a *Lark Bunting* found on the Elizabethton Spring Count with several good photographs being taken. This was only the second state record and this area's first. The Yellow-crowned Night Herons nested in Elizabethton again for the second year in a row occupying the same nest sites as last year.

*Loon-Sandpiper*: Common Loon: 25 Apr (7) over Newfound Gap, GSMNP (FJA); 11 May (1) WatL (HF). Horned Grebe: last seen 26 Apr (4) RC (JM and Lois H). Green Heron: 1st returned 10 Apr (1) HS (GE). Yellow-crowned Night Heron: 23 Mar (1) Gap Creek (JM) 1st sighting; 2 pairs found on *nest* in HS on 29 Mar (GE, RL) using same two nests as last year. White-fronted Goose: 26 Apr (1) RC (JM, Lois H). Pintail: 21-29 Mar (1) WatR (GE, HF). Green-winged Teal: 21-29 Mar (1) WatR (GE, HF). Northern Shoveler: 10-13 Apr (1) GSMNP (SBS). Red-breasted Merganser: 26 Apr (1) RC (JM and Lois H) last seen. Common Merganser: 16 Mar (22) RC (RK). Sharp-shinned Hawk: 21 Apr (1) Erwin (GS);

26 Apr (1) E (HF); 12 May (2) WatL (ES). Cooper's Hawk: 2 May (1) WatL (GE); 9 May (1) Erwin (GS). Red-shouldered Hawk: 16 Mar (1) GSMNP (SBS); 20 Apr (1) E (GE, HF); 10 May (1) RM (SG). Osprey: 1st returned 1 Apr (1) WatR (RK) and last seen 3 May (1) E (HF). American Woodcock: 27 Apr (6) CF (GE, RK). *UPLAND SANDPIPER*: 27 Apr (3) CF (GW, DL, RK) uncommon local spring migrant.

*Cuckoo-Waxwing*: Black-billed Cuckoo: 1 May (1) E (GW) 1st spring sighting. Barn Owl: 14 Apr (1) SV (GW). Great Horned Owl: 17 Mar (1 bird on nest) WibL (RK); 20 Apr (1 nest) SHL (RL). Barred Owl: 26 Apr (1) RCP (SG, GS); 3 May (1) WibL (GS, MD). Yellow-bellied Sapsucker: 22 Apr (1) E (Lois H) last seen. Least Flycatcher: 9 May (1) RM (SG, MD) 1st spring sighting. *OLIVE-SIDED FLYCATCHER*: 10 May (1) GSMNP (Knox TOS); 14 May (1) Erwin (RK, SG, MD). Tree Swallow: 29 Mar (3) SV (GE, HF) 1st returned. Common Raven: 10 May (1 young on nest) GSMNP (Knox TOS). Water Pipit: 25 Apr (1) Gatlinburg (FJA). Red-breasted Nuthatch: 2, 16 Apr (2) Laurels (SG, MD) no birds seen in higher elevations. House Wren: 17 Apr (1st returned) SV (MD). Long-billed Marsh Wren: 26 Apr (1) CF (GW, DL). Hermit Thrush: 23 Mar (last seen) Erwin (GS). Veery: 26 Apr (1st returned) E (HF). Cedar Waxwing: very plentiful during entire period.

*Vireo-Sparrow*: Solitary Vireo: 23 Mar (1st returned) Laurels (RK). Warbling Vireo: 18 Apr (1st returned) SHL (RL). Swainson's Warbler: 8 May (1st returned) RCP (RK, GS, SG). Worm-eating Warbler: 20 Apr (1st returned) WatL (GE). *Lawrence's Warbler*: 26 Apr (1 male) Maloney Overlook, GSMNP (FJA and class). Yellow-rumped Warbler: 13 May (last seen) E (HF). Black-throated Green Warbler: 4 Apr (1st returned) SHL (RL). Pine Warbler: 22 Mar (1st returned) SHL (RL). Louisiana Waterthrush: 1 Apr (1st returned) WibL (RK). Bobolink: 24 Apr (1) Erwin (DL). Evening Grosbeak: 8 May (last seen) E (GE). Purple Finch: 4 May (last seen) E (HF). *LARK BUNTING*: 26 Apr (1) CF (GW, DL) area's 1st record; second state record. White-crowned Sparrow: 26 Apr (last seen) CF (GW, DL). White-throated Sparrow: 12 May (last seen) E (GE). Fox Sparrow: 16 Mar (last seen) E (HF).

*Locations*: CF—County Farm near Eliz.; E—Eliz. Area; GSMNP—Great Smoky Mtn. National Park; HS—Hunter Swamp; RC—Roans Creek; RCP—Rock Creek Park near Erwin; RM—Roan Mtn.; SHL—South Holston Lake; SV—Siam Valley; 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; Lois H—Lois Herndon; JM—John Martin; RK—Rick Knight; DL—Dick Lura; RL—Richard Lewis; ES—Ed Schell; GS—Glenn Swofford; SBS—Steve and Barbara Stedman; GW—Gary Wallace.

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Christian, Mr. and Mrs. Wales, 9208 River Oakes Rd., Harrison, TN 37341 CHA . . . . .	1976
Clark, Miss Beulah, Rt. 14, Box 257, Cookeville, TN 38501 UC . . . . .	1958
Clark, Mr. and Mrs. Cecil J., 1910 Avalon, Chattanooga, TN 37415 CHA . . . . .	1973
Clark, Mr. and Mrs. E. Jack, 3390 Austin Wood Drive, Memphis, TN 38118 MEM . . . . .	1975
Clayton, Mr. and Mrs. Lloyd, Rt. 4, Box 175-A, Lawrenceburg, TN 38464 BR . . . . .	1969
Cleckley, J. E. and Kathryn, P. O. Box 632, Tullahoma, TN 37388 HR . . . . .	1979
Cleveland, Mr. and Mrs. Raymond, Rt. 5, Box 65, Nashville Pike, Lebanon, TN 37087, LEB . . . . .	1974
Clyde, E. C., Jr., Effingham, S.C. 29541 COR . . . . .	1956
Cobb, Mrs. David G., Rt. 2 Tea Rose Terrace, Brentwood, TN 37027 NAS . . . . .	1978
Cocke, Mrs. R. E., 149 Virginia Drive, Bristol, VA 24201 BRI . . . . .	1958
**Coffey, Mr. Ben B., Jr., 672 N. Belvedere, Memphis, TN 38107 MEM . . . . .	1926
**Coffey, Mrs. Ben B., Jr., 672 N. Belvedere, Memphis, TN 38107 MEM . . . . .	1931
Coffey, Mr. and Mrs. Wallace, 521 Cedar Valley Rd., Bristol, TN 37620 BRI . . . . .	1959
Coffman, Clifford B., Jr., 3000 Brownwood Dr., Chattanooga, TN 37404 CHA . . . . .	1979
Collins, Miss Anne D., 4203 Aberdeen Rd., Nashville, TN 37205 NAS . . . . .	1978
Collins, Dr. and Mrs. John R., 2907 East Brow Rd., Signal Mtn., TN 37377 CHA . . . . .	1978
*Conder, Mr. and Mrs. John, P. O. Box 443, Camden, TN 38320 TAL . . . . .	1959
Coop, Charles F., 5102 East Shore Drive, Memphis, TN 38109 MEM . . . . .	1974
Cooper, Mr. and Mrs. Brainard, 176 Ridge Ave., Chattanooga, TN 37404 CHA . . . . .	1978
Cooper, Mr. and Mrs. James P., 3759 Turley Drive, Nashville, TN 37211 NAS . . . . .	1978
Couch, Mrs. Clay, Sr., 105 S. Tarver Ave., Lebanon, TN 37087 LEB . . . . .	1959
Counce, Mr. Howard A., 1469 Whiting St., Memphis, TN 38117 MEM . . . . .	1937
Cowan, Hanson B., 1846 Manila, Memphis, TN 38114 MEM . . . . .	1980
Coward, Mr. and Mrs. Sam, P. O. Box 118, Algood, TN 38501 UC . . . . .	1974
Cox, Dr. and Mrs. Clair II, 6011 Sweetbriar Cove, Memphis, TN 38138 MEM . . . . .	1980
Cozy, Dr. Helen B., 752 Darden Place, Nashville, TN 37205 NAS . . . . .	1978
Crawford, Mrs. Cowan, Rt. 9, Box 307, Lebanon, TN 37087 LEB . . . . .	1979
Crawford, Mrs. Elizabeth, 227 Parkes St., Lawrenceburg, TN 38464 BR . . . . .	1972
Crawford, Mr. and Mrs. Paul, Rt. 4, Gallatin, TN 37066 NAS . . . . .	1967
Creech, Miss Annella, 2825 Kenway Rd., Nashville, TN 37215 NAS . . . . .	1958
Criswell, William G., Rt. 4, Dyersburg, TN 38024 TAL . . . . .	1977
Croft, Joseph E., Ravenscroft, Rt. 2, Box 242-C, Scottsville, VA 24590 COR . . . . .	1956
Crowder, Bessie, Rt. 5, Box 114, Lawrenceburg, TN 38464 BR . . . . .	1972
Cummins, Dr. and Mrs. J. O., 342 Cherry, Cookeville, TN 38501 UC . . . . .	1961
Cypert, Mr. and Mrs. Eugene, 1006 Darling Ave., Waycross, GA 31501 COR . . . . .	1945
Daily, Mrs. Dollyann, 701 Stevens, Memphis, TN 38116 MEM . . . . .	1977
D'Apolito, Mrs. Thomas, 3205 Masonwood Dr., Nashville, TN 37207 NAS . . . . .	1980
Darden, Mr. W. G., Box 2237, Hohenwald, TN 38462 TAL . . . . .	1962
Darlington, Dr. Julian T., 3112 Glanfinnan Rd., Memphis, TN 38128 MEM . . . . .	1965
Davant, Miss Mary, 861 N. McLean Blvd. Memphis, TN 38107 MEM . . . . .	1929
Davidson, Kathy, 1345-A Highland Rd., Chattanooga, TN 37415 CHA . . . . .	1980
Davis, Billy and Delphia, P. O. Box 24, Lawrenceburg, TN 38464 BR . . . . .	1972
*Davis, Marcia L., 4154 Jomandova Lane, Knoxville, TN 37919 KNO . . . . .	1978
DeFoe, Mr. Donald H., Great Smokey Mtn. National Park, Rt. 2, Box 322, Gatlinburg, TN 37738 KNO . . . . .	1964
Delantomas, D. G., Rt. 2, Box 701, 104 Kingston Rd., Blountville, TN 37617 TAL . . . . .	1980
Delashmit, Elaine, P. O. Box 171432, Memphis, TN 38117 MEM . . . . .	1978
Dement, Samuel H., 2097 Graybar Lane D-2, Nashville, TN 37215 NAS . . . . .	1980
Denny, Mrs. Eddie, 308 Eastland Dr., Lebanon, TN 37087 LEB . . . . .	1979
Detlefsen, Mr. and Mrs. Fred, 304 West End Hts., Lebanon, TN 37087 LEB . . . . .	1980
Deutsch, Dr. Richard, 20 North Larchmont St., Memphis, TN 38111 MEM . . . . .	1960
*Devore, Jon E., 3499 Graceland Drive #3, Memphis, TN 38116 TAL . . . . .	1966
Dickerson, Mr. and Mrs. D. K., 3862 Conahaney Trail, Chattanooga, TN 37406 CHA . . . . .	1974
Dickson, James L., 105 Powder Mill Drive, Franklin, TN 37064 NAS . . . . .	1980
Dillard, Mr. and Mrs. Robert, 801 Wildwood Ave., Lebanon, TN 37087 LEB . . . . .	1975
Dillenbeck, Mrs. Harold L., Rt. 2, Box 494 Woodcrest Lane, Johnson City, TN 37601 ELL . . . . .	1964
**Dinkelspiel, Mrs. Henry, 6519 Massey Lane, Memphis, TN 38138 MEM . . . . .	1957
Dinsmore, Mr. Michael, Jarman Hollow Rd., Palmyra, TN 37142 TAL . . . . .	1973
Dittman, Ms. Nancy, 1227 Cherrrydale Cove, Memphis, TN 38111 MEM . . . . .	1978
Doak, Miss Ruby, 604 Holston Drive, Gatlinburg, TN 37738 TAL . . . . .	1957
Dorsey, Ms. Marian R., 408 Chesterfield, Nashville, TN 37212 NAS . . . . .	1980
Dove, Mrs. George, 1801 Seminole Dr., Johnson City, TN 37601 ELL . . . . .	1966
Dowdy, Mrs. Frances, 3630 Sharpe Ave., Memphis, TN 38111 MEM . . . . .	1967
**Draughon, Miss Dorothy, 520 Fairfax, Nashville, TN 37212 NAS . . . . .	1968
Driese, Mrs. George L., 1532 Westop Trail, Knoxville, TN 37919 KNO . . . . .	1980
*Dubke, Mr. Kenneth H., 8139 Roy Lane, Colteawah, TN 37363 CHA . . . . .	1957
*Dubke, Mrs. Kenneth H., 8139 Roy Lane, Colteawah, TN 37363 CHA . . . . .	1970
Duchain, Miss Annette, 8 Bayview Circle, Ocean Springs, MS 39564 COR . . . . .	1961

Dugger, Mrs. Milbrey, 2825 Kenway Rd., Nashville, TN 37215 NAS . . . . .	1958
Duncan, Mr. and Mrs. Hickman, 5406 Hill Road Circle, Nashville, TN 37220 . . . . .	1978
Earhart, Mrs. Joseph S., Rt. 2 Mill Rd., Hermitage, TN 37076 NAS . . . . .	1978
Early, Mr. and Mrs. William, Hidden Lake Estates, Columbia, TN 38401 COL . . . . .	1980
Earnest, Mrs. Charles, 101 Old Indian Hill Trail, Greeneville, TN 37743 GRE . . . . .	1973
Eastes, Mrs. Alyne, 517 Castle Heights Ave., Lebanon, TN 37087 LEB . . . . .	1968
Eastin, Todd, Rt. 1, Shady Valley, TN 37688 TAL . . . . .	1976
Egley, Mr. and Mrs. Bill, Route 3, Lawrenceburg, TN 38464 BR . . . . .	1972
Eiklor, Mr. and Mrs. John, Rt. 10, Box 191, Jonesboro, TN 37659 KIN . . . . .	1976
Eller, Mr. Glen, Grandview Terrace, Elizabethton, TN 37643 ELI . . . . .	1956
Ellis, Mr. and Mrs. John O., 4004 Overbrook Drive, Nashville, TN 37204 NAS . . . . .	1960
Ellis, Mrs. Paul J., 2724 Wortham Dr., Nashville, TN 37215 LEB . . . . .	1970
Elmore, Mrs. Jackie B., 209 Brookhaven Dr., Somerset, KY 42501 COR . . . . .	1976
Elson, Mrs. Elizabeth S., 300 Hermitage Rd., Knoxville, TN 37920 KNO . . . . .	1963
Embury, Mr. and Mrs. John H., 212 North McLean Blvd., Memphis, TN 38112 MEM . . . . .	1929-1961
Epperson, Mrs. H. C., 519 Maryland Ave., Bristol, TN 37620 BRI . . . . .	1952
Epps, Mrs. Ruth, 211 Haven Circle, Columbia, TN 38401 COL . . . . .	1980
Erwin, Mr. and Mrs. Billy, Route 7, Box 317, Murfreesboro, TN 37130 MUR . . . . .	1973
Evans, Dr. and Mrs. H. F., 421 Menece Lane, Madison, TN 37115 NAS . . . . .	1980-1976
Evans, Mrs. John W., Rt. 1, Harbor Hill, Hermitage Harbor, Old Hickory, TN 37138 NAS . . . . .	1976
Farrell, Dr. and Mrs. Charles E., 109 S. Bellevue Dr., Nashville, TN 37205 NAS . . . . .	1954
Farris, Mrs. Carter M., Rome Pike, Rt. 2, Lebanon, TN 37087 LEB . . . . .	1964
Farthing, Mr. and Mrs. Harry H., 100 Sherwood Heights, Elizabethton, TN 37643 ELI . . . . .	1956
Feldman, Mr. and Mrs. Jesse, 3303 Southern Ave., #11, Memphis, TN 38111 MEM . . . . .	1976
Felts, Dr. and Mrs. Stephen, Rt. 1, Bakers Grove Rd., Hermitage, TN 37076 NAS . . . . .	1976
Fenn, Mrs. Edith, 959 Gateway Ave., Towers #2, Apt. 1331, Chattanooga, TN 37402 CHA . . . . .	1958
Fentress, Mrs. William E., 1400 Old Hickory Blvd., Brentwood, TN 37027 NAS . . . . .	1952
Ferguson, Mr. and Mrs. James A., 3090 Joslyn St., Memphis, TN 38128 MEM . . . . .	1975
Filson, Michael D., 1671 Paradise Hill Rd., Clarksville, TN 37040 TAL . . . . .	1977
Finch, Dr. and Mrs. William C., 6024 Sherwood Dr., Nashville, TN 37215 NAS . . . . .	1967
Finney, Mr. and Mrs. James I., Jr., Hidden Lake Estate, Columbia, TN 38401 COL . . . . .	1974
Fintel, Mr. and Mrs. William A., 49 Rue Entringer, Howald, Grand Duchy of Luxembourg, NAS . . . . .	1972
*Fisciane, Mr. Tom W., 1434 Watauga St., Kingsport, TN 37660, KIN . . . . .	1945
Fisbel, Mrs. Frances W., 908 Imperial House, Nashville, TN 37205 NAS . . . . .	1977
*Fisher, Mr. and Mrs. Frank, Box 1201, Morristown, TN 37814 KNO . . . . .	1971
Fleischer, Raymond J., 708 Newberry Rd., Nashville, TN 37205 NAS . . . . .	1976
Fleming, Mrs. Gertrude L., P. O. Box 613, Collegedale, TN 37315 CHA . . . . .	1972
Flippin, Mrs. Roe T., Rt. 1, Box 166 Rome Pike, Lebanon, TN 37087 LEB . . . . .	1974
Ford, Dr. Floyd M., Dept. of Biology, Austin Peay State Univ., Clarksville, TN 37040 TAL . . . . .	1980
Fort, Mr. and Mrs. Combs and Mr. Lawson Fort, 1040 Parkwood Terrace, Nashville, TN 37220 NAS . . . . .	1970
Fort, Dr. Garth E., 1900 Old Hickory Blvd., Brentwood, TN 37027 NAS . . . . .	1960
Foster, Mr. and Mrs. J. P., 5817 Fredericksburg Drive, Nashville, TN 37215 NAS . . . . .	1966
Foster, Katherine H., Rt. 28, Smallman Rd., Knoxville, TN 37920 KNO . . . . .	1976
Fowler, Mr. and Mrs. William B., Jr., 4564 Willow Rd., Memphis, TN 38117 MEM . . . . .	1978
Frank, Miss Harriette, 3767 Highland Park Place, Memphis, TN 38111 MEM . . . . .	1974
Freeman, Mr. George, 2814 Oakland Ave., Nashville, TN 37212 TAL . . . . .	1975
Freeman, Dr. and Mrs. John R., 3116 North Lockwood Drive, Chattanooga, TN 37415 CHA . . . . .	1974
French, Mrs. J. B. and Dr. Elizabeth, 3108 Ocoee Trail N.E., Knoxville, TN 37917 KNO . . . . .	1954
Frings, Dr. and Mrs. Hubert, 34 Elm St., Machias, ME 04654 COR . . . . .	1970
Froste, Christine L., 2700 Boright, Knoxville, TN 37917 KNO . . . . .	1976
Funk, John F., 7216 Afton Dr., Knoxville, TN 37918 KNO . . . . .	1978
Fuqua, Dr. and Mrs. W. G., Rt. 7, Pulaski Pike, Columbia, TN 38401 COL . . . . .	1962
Gaddis, Mrs. Elenora, 209 W. Vanderbilt Dr., Oak Ridge, TN 37830 KNO . . . . .	1977
Gaither, Mrs. Gail, 5230 Gwynne Rd., Memphis, TN 38117 MEM . . . . .	1979
Gamble, Clyde and Sue, Route 1, Five Points, TN 38457 BR . . . . .	1980
Gant, Mrs. Norwood J., 884 Robertson Academy Rd., Nashville, TN 37220 IEB . . . . .	1965
Garrett, Mrs. Robert, 1625 Highland Ave., Columbia, TN 38401 COL . . . . .	1974
Garvey, Mrs. Ruth, 5025 Hillsboro Rd., #17-A, Nashville, TN 37215 NAS . . . . .	1980
Gaston, Mrs. Emmet L., Jr., 109 Oak Hill Circle, Lebanon, TN 37087 LEB . . . . .	1957
Gaston, Mr. and Mrs. Joe, 2011 Altura Dr., Signal Mtn., TN 37377 CHA . . . . .	1978
Gates, Miss Virginia, 3089 Waynoka Ave., Apt. 3, Memphis, TN 38111 MEM . . . . .	1977
Gaut, Mr. and Mrs. King, Rt. #8, Box 362, Greeneville, TN 37743 GRE . . . . .	1962
Gerard, Ann C., 8400 Middlebrook Pike, Apt. L-34, Knoxville, TN 37919 KNO . . . . .	1980
Gerren, Miss Genevieve, 220 N. McLean #1, Memphis, TN 38112 MEM . . . . .	1944
Gibson, Mr. and Mrs. Carl, 280 North Crest Rd., Chattanooga, TN 37404 CHA . . . . .	1973
Gibson, Miss Ethel, 5902 Pine Lawn Dr., Chattanooga, TN 37421 CHA . . . . .	1979
Gift, Mr. W. Edgar, P. O. Box 85, Cedar Mtn., TN 28718 COR . . . . .	1952
Gilland, Mr. Jim, 5412 Heritage Lane, Kingsport, TN 37664 KIN . . . . .	1978
Gilmer, Mr. Bruce and James M., 957 Bluff View Rd., Knoxville, TN 37919 KNO . . . . .	1978
Gilmer, Mr. and Mrs. James B., 513 Belleair Lane, Bristol, VA 24201 BRI . . . . .	1979
Gochin, Mr. and Mrs. Robert D., Jr., 2900 Garden Lane, Memphis, TN 38111 MEM . . . . .	1973
Goodin, Mrs. John, 1300 Virginia, Johnson City, TN 37601 ELI . . . . .	1973
*Goodpasture, Mr. Henry, 3803 Whitland Ave., Nashville, TN 37205 NAS . . . . .	1966
*Goodpasture, Mrs. Henry, 3800 Whitland Ave., Nashville, TN 37205 NAS . . . . .	1966
Goodpasture, Dr. Katherine, 3407 Hopkins Lane, Nashville, TN 37215 NAS . . . . .	1941
Gose, Mrs. Raymond, 122 Edgewood Drive, Bristol, VA 24201 BRI . . . . .	1975
Gove, Dr. Doris, 4204 Talliluna Ave., Knoxville, TN 37919 KNO . . . . .	1980
Graves, James H., Hiwassee College, Madisonville, TN 37354 TAL . . . . .	1979
*Gray, Dr. Dan, 5004 Mt. Pleasant Pike, Columbia, TN 38401 COL . . . . .	1962
Gray, Dr. and Mrs. Dan, 5004 Mt. Pleasant Pike, Columbia, TN 38401 COL . . . . .	1962
Greene, Miss Mary Elizabeth, 324 Park St., Bristol, VA 24201 BRI . . . . .	1973
Greene, Mrs. Walter, Skyline Apt., 3106 West End Ave., Nashville, TN 37203 NAS . . . . .	1979
Greever, Dr. and Mrs. C. E., 1615 Lascassas Rd., Murfreesboro, TN 37130 MUR . . . . .	1970
Griesman, Mr. Alex., Rt. 3, Box 229-A, Dayton, TN 37321 CHA . . . . .	1978
Griffith, Mr. and Mrs. E. R., 807 Linden Hall, Stuart Heights, Chattanooga, TN 37415 CHA . . . . .	1972
Griffith, Mr. J. E., 4320 Skyline Drive, Knoxville, TN 37914 KNO . . . . .	1972
Griggs, Mrs. Glenn, 114 Guard Dr., Lawrenceburg, TN 38464 BR . . . . .	1978

Grimes, Samuel A., 4627 Peachtree Circle E., Jacksonville, FL 32207 COR . . . . .	1962
Grimm, Mr. and Mrs. Billy C., 5490 Benna Cove, Memphis, TN 38117 MEM . . . . .	1967
Gross, Dorothy S., 4446 Barfield Rd., Memphis, TN 38117 MEM . . . . .	1980
Guinn, Mr. and Mrs. Joe B., 8132 Cherryfield Lane, Germantown, TN 38138 MEM . . . . .	1975
Guschke, Mr. and Mrs. Thomas E., Jr., 113 Taggart Ave., Nashville, TN 37205 NAS . . . . .	1978
Gutridge, Mrs. W. A., 233 University Ave., Lebanon, TN 37087 LEB . . . . .	1979
Haag, Mrs. Joyce, 7829 Celeste, Hixson, TN 37343 CHA . . . . .	1980
Hale, Mrs. Bert, Route 1, Bluff City, TN 37618 TAL . . . . .	1977
Hale, Mr. Kenneth, Route 1, Bluff City, TN 37618 TAL . . . . .	1972
Hall, Dr. George A., Dept. of Chemistry, West Virginia Univ., Morgantown, WV 26506 COR . . . . .	1962
Hall, Gordon E., Box 285, Norris, TN 37828 TAL . . . . .	1979
Halverstadt, Mr. and Mrs. Jim, Arden Place Condominiums #211, 440 Belmont Park Ter., Nashville, TN 37215 NAS . . . . .	1980
Hampton, Dr. and Mrs. J. C., 200 Healing Bluff, Lookout Mtn., TN 37419 CHA . . . . .	1975
Hancock, Mr. James W., Rt. 1, Box 49, Princeton Rd., Madisonville, KY 42431 COR . . . . .	1946
Handle, Mrs. Mary Ann, 1520 Meeting House Rd., Knoxville, TN 37921 KNO . . . . .	1978
Hanebrink, Dr. Earl L., Box 67, Arkansas State Univ., State University, AR 72467 COR . . . . .	1968
Hannabas, Mr. H. Hayden, 1733 Orchard Court, Kingsport, TN 37660 TAL . . . . .	1976
Hanson, Mr. Newton, 1301 Highland Dr., Newport, AR 72112 COR . . . . .	1941
Harrison, Miss Louise, 1801 Highland Ave., Columbia, TN 38401 COL . . . . .	1974
Hardman, Mrs. Joel S., 1129 Glendale Lane, Nashville, TN 37204 NAS . . . . .	1966
Harmon, Clarence, 123 Mahr Ave., Lawrenceburg, TN 38464 BR . . . . .	1972
Harper, James Marvin, 305 Crestwood Dr., Tullahoma, TN 37388 HR . . . . .	1979
Harper, Mrs. Marjory B., 305 Crestwood Dr., Tullahoma, TN 37388 HR . . . . .	1973
Harris, Barbara, 2225 Pinewood Rd., Nashville, TN 37216 NAS . . . . .	1978
Harris, John L., 1230 Ford Place, Knoxville, TN 37920 KNO . . . . .	1980
Harris, Dr. and Mrs. Robert W. III, 3811 Talluna Ave., Knoxville, TN 37919 KNO . . . . .	1977
Harris, Mr. Van, 435 N. McNeil, Memphis, TN 38112 MEM . . . . .	1974
Harston, Thomas N., 3214 Holbrook Dr., Nashville, TN 37211 NAS . . . . .	1977
Hartigan, Paul D., 200 Hermitage Rd., Knoxville, TN 37920 KNO . . . . .	1978
Hartman, Mr. Gary S., 432 Guess Circle, Chattanooga, TN 37415 CHA . . . . .	1980
Hassler, Mr. and Mrs. John D., Box 1, Byrdstown, TN 38549 TAL . . . . .	1967
Hatcher, Robert M., 324 Leopold Rd., Nashville, TN 37221 NAS . . . . .	1979
Hayes, Mrs. J. Mitchell, Rt. 6, Box 219, Dickson, TN 37055 NAS . . . . .	1963
Hayes, Susan B., 6214 Forest Park Dr., Signal Mtn., TN 37377 CHA . . . . .	1979
Haynes, Mr. and Mrs. W. D., 1014 N. Maple St., Murfreesboro, TN 37130 MUR . . . . .	1970
Heiser, Dr. Don R., 3912 Woodhill Place, Knoxville, TN 37919 KNO . . . . .	1976
Hendricks, Ms. Sheila Y., 2830 Azalea Place, Nashville, TN 37204 NAS . . . . .	1979
Henry, Mrs. Earl O., Jr., 2011 Richard Jones Rd., Apt. C-1, Nashville, TN 37215 NAS . . . . .	1967
Herbert, Mr. and Mrs. Joe, 1429 Stratford Rd., Kingsport, TN 37660 KIN . . . . .	1979
Herbert, Mr. and Mrs. John S., Rt. 5, Rabbitt Hill, Ashland City, TN 37015 NAS . . . . .	1960
Herbert, Mrs. Robert D., III, 303 Jackson Blvd., Nashville, TN 37205 NAS . . . . .	1979
Herdon, Mrs. Lee R., 673 Golf Course Dr., Elizabethton, TN 37643 ELI . . . . .	1944
Hettish, Mr. and Mrs. J. Robert, 1018 Lawdale Dr., Murfreesboro, TN 37130 MUR . . . . .	1967
Hetzler, Mr. and Mrs. Fred, 4600 Wilson Rd., Signal Mtn., TN 37377 CHA . . . . .	1975
Hicks, Miss Dorothy, A-3 Warner Park Apts., Nashville, TN 37205 NAS . . . . .	1969
Higgs, Dr. James G., 91 Channing Way, Jackson, TN 38301 MEM . . . . .	1979
Higgs, Dr. and Mrs. T. E., 5495 N. Angela Rd., Memphis, TN 38117 MEM . . . . .	1977
Higghaugh, David B., 1810 Mac Alice Dr., Knoxville, TN 37918 KNO . . . . .	1980
Hilton, Miss Esther A., 322 Park St., Bristol, VA 24201 BRI . . . . .	1950
Hinkle, Mr. and Mrs. Ross, Rt. 17, Box 188, Knoxville, TN 37921 KNO . . . . .	1977
Hite, Mrs. Violet W., Box 114, Woodbury, TN 37190 NAS . . . . .	1978
Hixon, Mr. and Mrs. Frank, 303 Amhurst Ave., Chattanooga, TN 37411 CHA . . . . .	1980
Hoff, Mr. and Mrs. Ron, 2725 Nickle Rd., Knoxville, TN 37921 KNO . . . . .	1980
Hollister, Dr. Robert M., 316 Battle Ave., Franklin, TN 37064 NAS . . . . .	1966
Holt, Lt. James G., DC USNR, 8555 L Tidewater Dr., Norfolk, VA 23503 MEM . . . . .	1979
Hoover, Mary Jo, 6901 Woodland Ln., Knoxville, TN 37919 KNO . . . . .	1980
Hosier, Mr. and Mrs. Robert, 712 W. Spring St., Lebanon, TN 37087 LEB . . . . .	1976
Hotchkiss, Olin W., 8 Overlook Dr., Bridgeport, W. VA 26330 COL . . . . .	1975
Houk, Mrs. Ann M., 2815 22nd Ave. S., Nashville, TN 37215 NAS . . . . .	1976
Howard, Mrs. M. S., 224 South Tarver Ave., Lebanon, TN 37087 LEB . . . . .	1968
Howell, Dr. and Mrs. Joseph C., 5000 Oak Ridge Hwy., Apt. 1401, Knoxville, TN 37921 KNO . . . . .	1947
Boyle, Susan, 7923 Cortland Dr., Knoxville, TN 37919 KNO . . . . .	1966
Hoyumpa, Dr. and Mrs. Anastacio, Jr., 3505 Rainbow Pl., Nashville, TN 37204 NAS . . . . .	1977
Hudson, Mr. and Mrs. Jack, 310 Lattawoods, Dyersburg, TN 38024 TAL . . . . .	1966
Hudson, Russell A., 310 Lattawoods, Dyersburg, TN 38024 TAL . . . . .	1977
Hughes, Mr. and Mrs. D. M., New Shackle Island Rd., Hendersenville, TN 37075 NAS . . . . .	1966
Hunter, Mr. and Mrs. Richard E., Rt. 6, Box 67, Murfreesboro, TN 37130 MUR . . . . .	1970
Hurley, Mr. Lon, 484 Chers-kee Blvd., Knoxville, TN 37919 KNO . . . . .	1968
Inhof, Mr. Thomas A., 1036 Pike Road, Birmingham, AL 35218 COR . . . . .	1949
Jackson, Dr. Jerome A., Dept. of Zoology, Mississippi State Univ., P.O. Drawer 2, Mississippi State, MS 39762 COR . . . . .	1972
Jackson, Miss Louise, 5037 Mentclair Dr., Nashville, TN 37211 NAS . . . . .	1964
Jackson, Mrs. Mary E., 35 Sherwood Dr., Clarksville, TN 37040 NAS . . . . .	1978
Jacobson, Daniel R., Rt. 1, Box 224-A, Wildwood, GA 30757 CHA . . . . .	1970
Jacobson, Lemuel, Rt. 1, Box 224-A, Wildwood, GA 30757 CHA . . . . .	1973
Jahn, Richard P., Jr., 613 James Blvd., Signal Mtn., TN 37377 CHA . . . . .	1980
James, Mrs. C. E., 475 N. Highland, Apt. 7-H, Memphis, TN 38122 MEM . . . . .	1956
James, Wesley K., 30 Outer Dr., Oak Ridge, TN 37830 KNO . . . . .	1975
Jenkins, Mr. Albert M., 2106 Wisteria Dr., Hixson, TN 37343 CHA . . . . .	1976
Jernigan, Dr. and Mrs. William, 108 Gallion Dr., Columbia, TN 38401 COL . . . . .	1980
Johnson, Mrs. Amy, 318 E. Sixth St., Coeville, TN 38501 UC . . . . .	1980
Johnson, Mr. and Mrs. David L., Rt. #1, Box 126, Manchester, TN 37355 HR . . . . .	1980
Johnson, Mr. John L., 7140 N. 11th Place, Phoenix, AZ 85020 MEM . . . . .	1973
Jones, Mrs. Carl A., 806 Hillrise Blvd., Johnson City, TN 37601 FLI . . . . .	1966
Jones, Mrs. Jenning, 204 Apollo Dr., Murfreesboro, TN 37130 MUR . . . . .	1971
Jones, Mr. and Mrs. John Paul, 3421 Hopkins Lane, Nashville, TN 37215 NAS . . . . .	1952

Jones, Col. and Mrs. Joseph W., Jr., Route 1 Pate Rd., Newbern, TN 38059 TAL . . . . .	1974
Jones, Mr. and Mrs. Russell A., 4135 Robert Everett Cove, Memphis, TN 38111 MEM . . . . .	1975
Jones, Mr. William J., 1006 West Melrose, Cookeville, TN 38501 UC . . . . .	1966
Jones, William Ransom and Wren, 726 Cherokee, Murfreesboro, TN 37130 MUR . . . . .	1980
<sup>96</sup> Jordan, O. Ray, Dept. of Biology, Tenn. Tech. Univ., Box 5063, Cookeville, TN 38501 UC . . . . .	1966
<sup>97</sup> Joshlin, Mrs. W. R., Jr., 6312 Astro Cove, Bartlett, TN 38134 MEM . . . . .	1980
Joshlin, Mr. and Mrs. W. R., Jr., 6312 Astro Cove, Bartlett, TN 38134 MEM . . . . .	1980
Joyce, Mrs. Robenia, 400 Woods Dr., Columbia, TN 38401 COL . . . . .	1980
Justice, Mr. and Mrs. J. W., Rt. 9 Justice Rd., Murfreesboro, TN 37130 MUR . . . . .	1973
Kappa, Bill, 1425 Dobyns Dr., Kingsport, TN 37660 KIN . . . . .	1976
Keston, Mr. Luther F., 80 Eastland Dr., Memphis, TN 38111 MEM . . . . .	1940
Koester, Dr. and Mrs. Jamison, 708 E. Brow Rd., Lookout Mtn., TN 37350 CHA . . . . .	1971
Kelly, Ms. Barbara, 3524 Pinnellas Lane, Chattanooga, TN 37412 CHA . . . . .	1978
Kennedy, James S. and Judith, 943 McKeller Dr., Tullahoma, TN 37388 HR . . . . .	1978
Killefer, Miss Elizabeth, 216 Holly Lane, Cookeville, TN 38501 UC . . . . .	1961
Killian, Mr. and Mrs. G. Gentry, 5207 Bay Tree Lane, Harrison, TN 37341 CHA . . . . .	1979
King, Edward W., 595 Shotwell, Memphis, TN 38111 MEM . . . . .	1950
King, Mr. and Mrs. Glenn, Box 282 Sunset Bluffs, Monteagle, TN 37356 HR . . . . .	1967
Kisner, Mr. and Mrs. James B., 9 Mary Ann Dr., Memphis, TN 38117 MEM . . . . .	1977
Klein, Ms. Starr, 217 Arrow Dr., Signal Mtn., TN 37377 CHA . . . . .	1980
Knauth, Mrs. Herman G., 4321 Brush Hill Rd., Nashville, TN 37216 NAS . . . . .	1955
Knight, Richard Lee, 804 Hills Drive, Johnson City, TN 37601 ELI . . . . .	1977
Koella, Mr. Jon A., Rt. 2, White Pine, TN 37890 KNO . . . . .	1953
Kolo, Mr. and Mrs. John L., 419 Fairfield Circle, Memphis, TN 38117 MEM . . . . .	1975
Kramer, Dr. and Mrs. Lee F., 321 Sheppard Hills Dr., Madison, TN 37115 NAS . . . . .	1966
Kuykendall, Dr. and Mrs. Sam J., Rt. 6 Mooresville Pike, Columbia, TN 38401 NAS . . . . .	1976
Kyle, Mrs. Butch, 333 Elmhurst Drive, Colonial Heights, TN 37663 ELI . . . . .	1974
Lacy, Miss Beth, 3129 McClure Lane S.E., Knoxville, TN 37920 KNO . . . . .	1955
Lamb, Mrs. John S., Lake Rd., Dyersburg, TN 38024 TAL . . . . .	1965
Larrabee, Dr. Allan R., 1688 Oak Hill, Germantown, TN 38138 MEM . . . . .	1973
Lassiter, Miss Mildred, 1216 Eastwood Dr., Cookeville, TN 38501 UC . . . . .	1976
Latremore, Fred S. and Dorothy, 1030 Westwood Dr., Tullahoma, TN 37388 HR . . . . .	1978
Lavaglin, Mr. Tom, Route 1, Arcadia, Kingsport, TN 37660 KIN . . . . .	1976
<sup>98</sup> Lavelly, Mrs. Horace T., Jr., 5928 Sedberry St., Nashville, TN 37205 NAS . . . . .	1979
Lavelly, Dr. Phil, 200 Todd St., Martin, TN 38237 TAL . . . . .	1968
Lawrence, Mrs. J. W., 105 West End Heights, Lebanon, TN 37087 LEB . . . . .	1968
Lee, Mr. and Mrs. James C., 6 Frontier Bluff Rd., Lookout Mtn., TN 37350 CHA . . . . .	1980
Leggett, Mr. and Mrs. Kenneth, P.O. Box 331, Dyersburg, TN 38024 MEM . . . . .	1967
Lemons, Mitzi, Route #1, Columbia, TN 38401 COL . . . . .	1976
Levy, Mrs. Ralph, Jr., 5718 N. Angela, Memphis, TN 38117 MEM . . . . .	1980
Lewis, Ms. Carol E., Versaille #2, 3000 Hillsboro Rd., Nashville, TN 37215 NAS . . . . .	1980
Lewis, Mr. and Mrs. Hodge, 408 Booth Rd., Chattanooga, TN 37411 CHA . . . . .	1973
Lewis, Mr. and Mrs. Marshall, 155 Cherry Rd., Memphis, TN 38117 MEM . . . . .	1974
Lewis, Mr. and Mrs. Richard, Rt. 3, Box 5, Bristol, TN 37620 ELI . . . . .	1974
Lien, Dr. and Mrs. Jerry M., P.O. Box 57, Collegedale, TN 37315 CHA . . . . .	1974-1980
Little, Dock and Johnnie, 306 West Third St., Livingston, TN 38570 UC . . . . .	1976
Ltchridge, Mr. and Mrs. Bedford, 914 Waldridge Drive, Columbia, TN 38401 COL . . . . .	1974
Lomino, Mr. Jeffrey, 505 West Crawford Ave., Monterey, TN 38574 CHA . . . . .	1980
Lorance, Mr. and Mrs. J.C., 13 McKendree Circle, Hermitage, TN 37076 NAS . . . . .	1974
Lothers, Dr. and Mrs. John E., Jr., 201 Hardy Rd., Lookout Mtn., TN 37350 CHA . . . . .	1973
Luckado, Mr. and Mrs. Tom, 937 McKellar Dr., Tullahoma, TN 37388 HR . . . . .	1970
Lura, Richard, 102 Terrace St., Johnson City, TN 37601 ELI . . . . .	1973
Lyles, Mr. and Mrs. Henry, Route 6, Columbia, TN 38401 COL . . . . .	1974
Lynn, Mrs. R. E. 5690 Sherry Lane, Ooltewah, TN 37363 CHA . . . . .	1951
Lyon, Mr. and Mrs. C. A., 4002 Wallace Lane, Nashville, TN 37215 NAS . . . . .	1975
MacCracken, Lela Fay, 8118 Terrace Dr., El Cerrito, CA 94530 KNO . . . . .	1980
MacMillan, Mrs. Portia R., 3201 Overlook Dr., Nashville, TN 37212 NAS . . . . .	1980
Mahoney, Anthony W., Rt. 13, Box 245, Clarksville, TN 37040 TAL . . . . .	1980
Manley, Mrs. Frances W., 10317 Long Rd., Arlington, TN 38002 MEM . . . . .	1961
<sup>99</sup> Mann, Mrs. Margaret L., 2189 Riverview Dr., Nashville, TN 37214 NAS . . . . .	1966
Mann, Mr. Tim, 4612 Landscape Dr., Tampa, FL 33624 NAS . . . . .	1977
Manning, Mr. and Mrs. Don, P.O. Box B, Bells, TN 38006 TAL . . . . .	1970
Manuel, Mrs. Yvonne & daughter, Judi Allen, 1000 University Blvd. Apt. D-43, Kingsport, TN 37660 KIN . . . . .	1980
Marcrom, H. D. and Agnes, 433 W. Fort St., Manchester, TN 37355 HR . . . . .	1974
Marsden, Ms. Loys, 6049 Cargile Rd., Nashville, TN 37205 NAS . . . . .	1980
Marsh, Mrs. Frank A., Route 1, Box 148, Deer Lodge, TN 37726 TAL . . . . .	1972
Martin, Rev. and Mrs. John L., Rt. 9, Box 147, 641 Ridgefield Rd., Elizabethton, TN 37643 ELI . . . . .	1971
Martin, Miss Mary Lee, 2136 Acklen Ave., Nashville, TN 37212 NAS . . . . .	1974
Martin, Mrs. Pat, 2014 Ransom Dr., Murfreesboro, TN 37130 MUR . . . . .	1974
Massey, Mr. and Mrs. Chester, 6509 Orchard Rd., Knoxville, TN 37919 KNO . . . . .	1970
Masuko, Dr. and Mrs. Jitsuichi, 2609 Natchez Trace, Nashville, TN 37212 NAS . . . . .	1971
Mayberry, Ray B., Route 4, Box 229, Cookeville, TN 38501 TAL . . . . .	1980
<sup>99</sup> Mayfield, Dr. and Mrs. George R., Sunnyside Drive, Columbia, TN 38401 COL . . . . .	1961
<sup>99</sup> Mayfield, Mrs. George, Sr., 2414 Vanderbilt Place, Nashville, TN 37212 NAS . . . . .	1916
Maynard, Jane Cole, 5742 Hillisboro Rd., Nashville, TN 37215 NAS . . . . .	1979
McCaneby, Dr. Franklin, 4676 Andover Court, Atlanta, GA 30360 COG . . . . .	1931
McCart, Elizabeth E., Box 95, Tusculum College, Greeneville, TN 37743 GRE . . . . .	1980
McCrary, Mrs. W. L., Box 57, Woodbury, TN 37190 NAS . . . . .	1965
McCullough, Elizabeth Jane, 1409 Clinch Ave., Apt. 7, Knoxville, TN 37916 KNO . . . . .	1979
McCullough, Mr. and Mrs. J.D., 4712 Murray Hills Drive, Chattanooga, TN 37416 CHA . . . . .	1978
McDade, Mr. Arthur, Jr., 404 Tunnel Blvd., Apt. D-6, Chattanooga, TN 37411 CHA . . . . .	1978
McDaniel, Mr. and Mrs. W. C., 1828 Felix, Memphis, TN 38114 MEM . . . . .	1977
McDowell, Regania M., 1210 Hazelwood, Murfreesboro, TN 37130 MUR . . . . .	1980
McFarland, Dr. and Mrs. Sam B., 242 E. Spring St., Lebanon, TN 37087 LEB . . . . .	1966
McGee, Mr. Sanford, P.O. Box 475, Manchester, TN 37355 HR . . . . .	1970
McGowan, Mr. and Mrs. George, 238 Tusculum Dr., Oak Ridge, TN 37830 KNO . . . . .	1955
McGowan, Mr. and Mrs. Robert W., Rt. #3, Box 86, Collierville, TN 38017 MEM . . . . .	1965

McKee, Mr. and Mrs. Reed, 1727 Cherokee Drive, Lebanon, TN 37087 LEB . . . . .	1972
McKinney, George, Rt. 2, Box 384, LaFollette, TN 37766 KNO . . . . .	1976
McLaughlin, Dr. and Mrs. Joe, 3201 New Towne Rd., Antioch, TN 37013 NAS . . . . .	1978
McLaughlin, John M., 2107 Acklen Ave., Nashville, TN 37212 NAS . . . . .	1978
McLeroy, Mr. and Mrs. Ralph, 3724 Keowee Ave., Knoxville, TN 37919 KNO . . . . .	1965
McMillan, Mrs. Melville, Rt. 2, Lascassas, TN 37085 LEB . . . . .	1970
McNeese, Mary Lee, 3873 Central, Memphis, TN 38111 MEM . . . . .	1980
McNeil, Mrs. Guy, 712 Piedmont Ave., Bristol, VA 24201 BRI . . . . .	1959
McNutt, Mr. and Mrs. William P., Jr., 2935 Valley View Rd., Knoxville, TN 37917 KNO . . . . .	1974
McPherson, Mr. Charles, Rt. 1, Box 522, Brighton, TN 38011 MEM . . . . .	1951
McWhorter, Mrs. J. H., Route 2, Box 183, Ravenden, AR 72459 MEM . . . . .	1946
Meadors, Mr. and Mrs. Howard, 109 Cleveland Rd., Rossville, GA 30741 GHA . . . . .	1958
Meadows, Mr. and Mrs. William, 2606 Barton Ave., Nashville, TN 37212 NAS . . . . .	1979
Meeks, Mr. and Mrs. Gregory, 2236 Mangum Rd., Memphis, TN 38134 MEM . . . . .	1978
*Mengel, Mr. and Mrs. J. T., 113 Carroll Woods, Chapel Hill NC 27514 KNO . . . . .	1955
Menuet, Mr. and Mrs. Richard J., 8917 Fox Lonas Rd., Knoxville, TN 37919 KNO . . . . .	1979
Merritt, Mrs. Dixon, Batavia Nursing Home, Batavia, NY 14020 LEB . . . . .	1950
Miller, Mr. and Mrs. George, Rt. 2, Box 198-E-10, Fairview, TN 37062 NAS . . . . .	1969
Miller, Mr. and Mrs. Herbert, 801 Piedmont St., Bristol, VA 24201 BRI . . . . .	1958
Miller, Mr. and Mrs. Thomas A., 3102 Rising Sun, Memphis, TN 38134 MEM . . . . .	1979
Hills, Mr. and Mrs. Hubert C., 6304 Freedom Dr., Nashville, TN 37209 NAS . . . . .	1979
Mitchell, Mr. and Mrs. R. C., 314 Gardner, Chattanooga, TN 37411 GHA . . . . .	1980
Money, Mr. Pete, % Memphis Museum, 3050 Central Ave., Memphis, TN 38111 MEM . . . . .	1978
*Monk, Mr. Harry, Sunny View Health Care Center, Box 23116, Nashville, TN 37212 TAL . . . . .	1919
Monroe, Dr. Burt L., Jr., P.O. Box 23447, Anchorage, KY 40223 COR . . . . .	1969
Moore, Mrs. Clarence E., % Mrs. Ray Orban, 4 Estate Dr., Quincy, IL 62301 MEM . . . . .	1931
Moore, Miss Julia I., 106 Darwin Lane, Oak Ridge, TN 37930 KNO . . . . .	1949
Moore, Mrs. Myriam P., 101 Columbia Ave., Lynchburg, VA 24503 COR . . . . .	1964
Moore, Miss Nelle, 275 Palisade St., Memphis, TN 38111 MEM . . . . .	1944
Moose, Mr. and Mrs. Foster, 300 Leonora, Memphis, TN 38117 MEM . . . . .	1978
Morehead, Dr. Maurice, 77 Davis Ave., Cookeville, TN 38501 UC . . . . .	
Morgan, Ms. Erika, 400 Gallery Lane, C-3, Hixson, TN 37343 GHA . . . . .	1980
**Morrill, Miss Elise, 801 Vanosdale Rd., #116, Knoxville, TN 37919 KNO . . . . .	1939
Morris, Mr. and Mrs. A. C., Jr., 891 W. Outer Dr., Oak Ridge, TN 37830 KNO . . . . .	1967
**Mudge, Mr. E. W., Jr., 3414 Republic Bank Tower, Dallas, TX 75201 COR . . . . .	1978
Mullins, Ms. Mary Kate, 1455 Rosemary Lane, Memphis, TN 38104 MEM . . . . .	1964
Murphy, Mrs. Charles B., Rt. 2, Brentwood, TN 37027 NAS . . . . .	1978
*Mynatt, Mrs. Elery, 304 East Brow Rd., Lookout Mtn., TN 37350 CHA . . . . .	1980
Neidert, Edward and Mary, Box 133, Loretto, TN 38469 BR . . . . .	1966
Nelson, Mrs. H. C., 4107 Anderson Pike, Signal Mtn., TN 37377 CHA . . . . .	1945-1937
Nevius, Mr. and Mrs. Richard, Rt. 6, Box 348, Greeneville, TN 37743 GRE . . . . .	1976
Newman, Mr. Calvin, % Memphis Pink Palace Museum, 3050 Central Ave., Memphis, TN 38111 MEM . . . . .	1979
Newton, Mr. and Mrs. Edward, 2366 Strathmore Circle N., Memphis, TN 38112 MEM . . . . .	1967
Nichols, Mrs. Robert C., 4621 Franklin Rd., Nashville, TN 37220 NAS . . . . .	1971
**Nicholson, Mr. Charles, 86 Pine Rd., Box 402, Norris, TN 37828 KNO . . . . .	1970
**Nolan, Mrs. Sara, 2017 Sweetbriar Ave., Nashville, TN 37212 NAS . . . . .	1953
Norman, Mr. James L., 502 N. 14th St., Muskogee, OK 74401 OR . . . . .	1965
Norris, Dr. and Mrs. Raymond, 4021 Sunnybrook Dr., Nashville, TN 37205 NAS . . . . .	1955
**Norwood, Mr. Joseph R., 1329 Goodwin Ave., Charlotte, NC 28205 COR . . . . .	1950
Nunley, Mr. and Mrs. H. W., Route 3, Bluff City, TN 37618 BRI . . . . .	1970
Odum, Dr. and Mrs. E. P., 1700 E. Main St., Murfreesboro, TN 37130 MUR . . . . .	1974
*Odum, Mr. Tom, 3911 Inwood Dr., Kingsport, TN 37664 TAL . . . . .	1980
Oliver, Miss Alberta, 4514 Graycroft Ave., Nashville, TN 37216 NAS . . . . .	1961
O'Neil, Dr. A. W., P.O. Box 586, Falfurrias, TX 78355 COR . . . . .	1949
Orleans, Mrs. S. P., 1218 Ford Place, Knoxville, TN 37920 KNO . . . . .	1973
Osborne, Mrs. Joe, 1525 Robin Hood Lane, Johnson City, TN 37601 ELI . . . . .	1966
Ottenfeld, Mr. and Mrs. C. T., 417 Brookwood Dr., Bristol, TN 37620 BRI . . . . .	1980
Otto, Ms. Ellen E., 204 Sunnybrook Trail, Signal Mtn., TN 37377 CHA . . . . .	1977
Overman, Mrs. W. J., Jr., 136 Fairways Drive, Hendersonville, TN 37075 LEB . . . . .	1947
Overton, Mrs. E. E., 3316 Bunker Hill Drive, Knoxville, TN 37920 KNO . . . . .	1978
Owen, Mr. and Mrs. George, Jr., 1827 York, Memphis, TN 38104 MEM . . . . .	1947
Owen, Mr. and Mrs. J. B., 2930 North Hills Blvd., Knoxville, TN 37917 KNO . . . . .	1975
Papachristou, Dr. Gerald C., P.O. Box 275, University, MS 38677 MEM . . . . .	1953
**Pardue, Paul S., Box 93-A Beechwood Road, Rt. 23, Knoxville, TN 37920 KNO . . . . .	1976
Parker, Miss Anna Mary, 201 Eagle Cliff Rd., Monteagle, TN 37356 HR . . . . .	1979
Parks, Mr. Johnny T., 1610 East 17th St., Chattanooga, TN 37404 CHA . . . . .	1955-1963
Parmer, Mr. and Mrs. Henry E., 3800 Richland Ave., Nashville, TN 37205 NAS . . . . .	1980
Parsons, Mrs. Clifford, 909 W. Seventh St., Columbia, TN 38401 COL . . . . .	1969
Patrick, Mr. and Mrs. Oscar F., 4641 Villa Green Drive, Nashville, TN 37215 NAS . . . . .	1970
Patton, Dr. John, M.T.S.U. Biology Dept., Murfreesboro, TN 37130 MUR . . . . .	1970
Payne, Mr. George, Jr., 6643 Monmouth Dr., Memphis, TN 38138 MEM . . . . .	1964
Peake, Dr. Richard H., P.O. Box 28, Clinch Valley College, Wise, VA 24293 COR . . . . .	1978
Peeples, Mr. and Mrs. William P., and Rob, 150 Bendel Circle, Memphis, TN 38117 MEM . . . . .	1979
Perry, Mr. and Mrs. Richard, P.O. Box 110422, Nashville, TN 37211 NAS . . . . .	1979
Peters, Mrs. Suevelyn N., 761 Elysian Fields Rd., Nashville, TN 37204 NAS . . . . .	1971
Peterson, Dr. Clell T., Box 2364, University Station, Murray, KY 42071 COR . . . . .	1939
**Pottengill, Dr. Olin Sewall, Jr., Wayne, ME 04284 COR . . . . .	1943
Phillips, Dr. Allan R., Apartado Postal 370, San Nicolas de los Garza, Nuevo Leon, Mexico COR . . . . .	1975
Phillips, Mr. and Mrs. Charles L., 2495 Shenandoah Dr., Chattanooga, TN 37421 GHA . . . . .	1977
Phillips, Mr. Rick, 1332 Tranbarger Dr., Kingsport, TN 37660 KIN . . . . .	1978
Pigg, Mr. and Mrs. R. L., 124 East Street, Goodlettsville, TN 37072 NAS . . . . .	1965
Pitts, Dr. and Mrs. T. David, Biology Dept., U.T.M., Martin, TN 38237 TAL . . . . .	1980
Pope, Mr. and Mrs. Roy, 211 W. Forest Ave., Lebanon, TN 37087 LEB . . . . .	1978
Porter, Mr. and Mrs. Richard H., 507 32nd Ave. So., Nashville, TN 37212 NAS . . . . .	1977
Porter, Mr. and Mrs. Robert E., Jr., 1009 Bluebird Lane, Memphis, TN 38116 MEM . . . . .	1971
Potter, Miss Mary Ann, 6102 Clark Rd., Harrison, TN 37341 CHA . . . . .	1976
Potts, Mr. Clyde, Rt. 2, Box 11-E, Unionville, TN 37180 COL . . . . .	

Powell, Mr. Albert L., Jr., Route #1, Maceo, KY 42355 COO . . . . .	1934
Pressnell, Allen and Diane, Route #3, Columbia, TN 38401 COO . . . . .	1976
Pressnell, Mrs. Polly, 2716 Gray Circle, Columbia, TN 38401 COO . . . . .	1980
Price, Mrs. David, Jr., 1954 Old Hickory Blvd., Brentwood, TN 37027 NAS . . . . .	1970
*Price, Dr. Edwin F., P.O. Box 5033, Jonesboro, AR 72401 COO . . . . .	1979
*Prichard, Mack, 3101 West End Ave., Apt. 306, Nashville, TN 37203 NAS . . . . .	1967
Priest, Miss Gladys, P.O. Box 603, Collegedale, TN 37315 CHA . . . . .	1980
Purnell, Mrs. Jim, 120 Oak Hill Circle, Lebanon, TN 37087 LEB . . . . .	1974
Puryear, Mr. and Mrs. W.A., 4215 Harding Rd., #910, Nashville, TN 37205 NAS . . . . .	1958
Quener, Elizabeth M., 811 Brook Hollow, Nashville, TN 37205 NAS . . . . .	1978
Queensberry, Larry and Deanna, Rt. 6, Box 56-A, Murfreesboro, TN 37130 MUR . . . . .	1980
Quick, John Jay, 1715 Valley Rd., Clarksville, TN 37040 TAL . . . . .	1974
Quinn, Mr. Yancey, 4451 Sequoia Rd., Memphis, TN 38117 MEM . . . . .	1972
Ragland, Miss Ella H., 920 N. Lafayette, Brownsville, TN 38012 MEM . . . . .	1945
Ramey, Patricia, 114 Chisolm Dr., Starkville, MS 39759 COO . . . . .	1977
Ramm, Ruth and Heinrich, 606 Larrymore St., Manchester, TN 37355 HR . . . . .	1977
Ratlidge, Mr. and Mrs. Doug, 1506 Sun Valley Drive, Greeneville, TN 37743 GRE . . . . .	1974
Raye, Mr. and Mrs. Larry D., 4008 Dorcas Dr., Nashville, TN 37215 NAS . . . . .	1976-1980
Reed, Mr. Jeffrey, 212 Piedmont Dr., Lebanon, TN 37087 LEB . . . . .	1979
Reeves, Mark, Botany Dept., Univ. of Tennessee, Knoxville, TN 37916 KNO . . . . .	1980
Reid, Robert R., Jr., 2616 Mountain Brook Parkway, Mountain Brook, AL 35223 COO . . . . .	1972
Rentschler, Mr. and Mrs. George H., Jr., 8300 Sawyer Brown Rd., K-304, Nashville, TN 37221 NAS . . . . .	1968
Restivo, Mr. and Mrs. Ernest J., 1248 E. Crestwood Dr., Memphis, TN 38117 MEM . . . . .	1980
Reynolds, Mr. and Mrs. A. E., 807 Maple, Bristol, TN 37620 BRI . . . . .	1957
Rich, Mrs. C. W., 304 Edgeview Dr., Nashville, TN 37211 NAS . . . . .	1978
Riddle, Mr. and Mrs. Henry, E. Main St., Lorretto, TN 38469 BR . . . . .	1972
Riggins, Mr. and Mrs. John, 746 Harpeth Parkway West, Nashville, TN 37221 TAL . . . . .	1969
Rimpley, Edwin C. and Marsha, 521 Wanda Lane, Tullahoma, TN 37388 HR . . . . .	1978
Ring, Mr. and Mrs. Ralph, 1815 N. Locust Ave., Lawrenceburg, TN 38464 BR . . . . .	1972
Ripley, Mr. and Mrs. Kenneth L., P.O. Box 54, Afton, TN 37616 GRE . . . . .	1978
Ritchie, Dr. and Mrs. Lawrence, Rt. 28 Foster Lane, Knoxville, TN 37920 KNO . . . . .	1978
Roach, Mr. and Mrs. Robert E., 1823 Clayton Dr., Chattanooga, TN 37421 CHA . . . . .	1980
Roark, Mrs. Martha L., 23 Sevier, Memphis, TN 38111 MEM . . . . .	1973
Robb, Jim, Old Stone Fort State Park, Manchester, TN 37355 HR . . . . .	1980
*Robbins, Mr. Chandler S., 7900 Brooklyn Bridge Road, Laurel, MD 20810 COO . . . . .	1955
*Roberts, Herbert W., Fall Creek Falls State Park, Rt. 3, Pikeville, TN 37367 TAL . . . . .	1976
Robertson, Mr. and Mrs. James, 523 Wanda Drive, Nashville, TN 37210 NAS . . . . .	1977-1974
Robertson, Mr. and Mrs. Jerry, 917 Ridgeway Dr., Signal Mtn., TN 37377 CHA . . . . .	1979
Rogers, David P., 7123 Riverwood, Germantown, TN 38138 MEM . . . . .	1980
Rogers, Mrs. Erma, Rt. 1, Box 192, Hillsboro, TN 37342 HR . . . . .	1976
Rollins, Mr. and Mrs. Charles, 3120 Beechrun, Memphis, TN 38128 MEM . . . . .	1975
Ross, Hollis T., 81 Fairmont Dr., Lewisburg, PA 17837 COO . . . . .	1933
Ryder, Mr. and Mrs. Sterling C., 129-E Tennessee Ave., Oak Ridge, TN 37830 KNO . . . . .	1969
Sabyer, Mrs. Nancy, Box 116 Liberty Chapel Rd., Mt. Juliet, TN 37122 LEB . . . . .	1955
Sanders, Mr. and Mrs. Kenneth B., Rt. 28 Sevierville Pike, Box 203, Knoxville, TN 37920 KNO . . . . .	1980
Sands, Mrs. Lada, 1101 Woodview Ave., Memphis, TN 38117 MEM . . . . .	1975
Satterwhite, Mr. and Mrs. John, Route #7, Columbia, TN 38401 COO . . . . .	1974
Sawyer, Mrs. Marguerite, 604 Estes Ave., Nashville, TN 37215 NAS . . . . .	1962
Schell, Mr. Edward H., 2514 Brown's Mill Rd., Johnson City, TN 37601 ELI . . . . .	1975
Schiller, Mrs. Henry A., 3572 Allandale Rd., Memphis, TN 38111 MEM . . . . .	1956
Schippers, Mrs. Adair and Sean, 4884 Marlin Cove, Memphis, TN 38117 MEM . . . . .	1979
*Schreiber, Mr. Dan, Jr., % Duane H. Reeder, 5409 W. Sanna Dr., Glendale, AZ 85302 NAS . . . . .	1960
Schreiber, Mr. and Mrs. E. D., Sr., 3518 Pleasant Valley Rd., Nashville, TN 37204 NAS . . . . .	1963
Scott, Mr. Frederic R., 115 Kenwood Lane, Richmond, VA 23226 COO . . . . .	1955
Scott, Mrs. Leland G., Hickory Harbor, Gallatin, TN 37066 NAS . . . . .	1973
Scurlock, William H., 3722 Richland Ave., Nashville, TN 37205 NAS . . . . .	1975
Seahorn, Mr. and Mrs. Charles, Jr., 3027 Curtis, Memphis, TN 38118 MEM . . . . .	1980
Sellars, Bill, 122 Greenlawn Dr., Lebanon, TN 37087 LEB . . . . .	1979
Sellars, Mr. and Mrs. John, 122 Greenlawn Dr., Lebanon, TN 37087 LEB . . . . .	1969
Selvidge, Kathleen, Rt. 1, Box 187, Birchwood, TN 37308 CHA . . . . .	1979
Senn, Mr. and Mrs. J. R., 225 Longview Dr., Rossville, GA 30741 CHA . . . . .	1975
Senter, The Rev. and Mrs. William, 313 W. Hill Drive, Lebanon, TN 37087 LEB . . . . .	1968
Sexton, Mr. John W., Rt. 1, Box 82-A, Dover, TN 37059 TAL . . . . .	1971
Seymour, Dr. Edward T., 5055 Lakeview Dr., Nashville, TN 37220 NAS . . . . .	1971
Shaffer, Mr. and Mrs. David, P. O. Box 368, Crossville, TN 38555 NAS . . . . .	1977
Shapiro, Mr. and Mrs. J. B., Jr., Rt. 2, Columbia, TN 38401 COO . . . . .	1977
Sharp, Mr. and Mrs. A. Boyd, 245 Peters Rd., Knoxville, TN 37919 KNO . . . . .	1963
Sharp, Mr. and Mrs. R. K., 505 Chesterfield Ave., Nashville, TN 37212 NAS . . . . .	1970
Sharp, Mr. Vernon, Rt. 5, Wilson Pike, Franklin, TN 37064 NAS . . . . .	1921
Sharp, Mrs. Walter, Rt. 2, Beech Creek Rd., Brentwood, TN 37027 NAS . . . . .	1952
Siarpless, Miss Dorothy E., 201 Bogart Drive, Apt. 14, Sevierville, TN 37862 KNO . . . . .	1957
Shaver, Mr. and Mrs. David C., 472 Swan Ridge Circle, Memphis, TN 38122 MEM . . . . .	1979
Shay, Sheila, 1101 West End Ave., Apt. 308, Nashville, TN 37203 NAS . . . . .	1978
Shelton, Mr. and Mrs. H. Clay, 4858 Shady Grove Rd., Memphis, TN 38117 MEM . . . . .	1979
Shelton, Mr. and Mrs. Wayne, Rt. 1, Pelham, TN 37366 HR . . . . .	1978
Sherwood, Dr. Elizabeth, 204 Red Riding Hood Trail, Lookout Mtn., TN 37350 CHA . . . . .	1980
Sigel, Mr. and Mrs. Harry, 118 West Valley St., Abington, VA 24210 BRI . . . . .	1976
Simbeck, Mr. and Mrs. Don, Box 164, Lorretto, TN 38469 BR . . . . .	1972
Simmers, Mr. Richard, Rt. 6, Box 211-C, Cookeville, TN 38501 UC . . . . .	1977
Simms, Mrs. Charles S., 2404 Sherrord Rd., Knoxville, TN 37920 KNO . . . . .	1977
Simpson, Dr. Marcus, Jr., 7498 Sea Change, Columbia, MD 21045 COO . . . . .	1961
Skipper, Mrs. Carlos, 912-C James Blvd., Signal Mtn., TN 37377 CHA . . . . .	1975
Sklar, Marshall, 107 Court Square So., Memphis, TN 38103 MEM . . . . .	1980
Sliizer, Mrs. Grace, 1202 Eastwood Dr., Cookeville, TN 38501 UC . . . . .	1979
Sliizer, Mr. and Mrs. Henry L., 208 S. Germantown Rd., Chattanooga, TN 37411 CHA . . . . .	1954
Smathers, Mr. and Mrs. Hugh, 128 Asbury Lane, Garlinburg, TN 37738 KNO . . . . .	1977
Smith, Miss Alice H., Rt. 1, Box 323, Covington, TN 38019 MEM . . . . .	1933

Smith, Dr. Arlo I., 3724 Oakley Ave., Memphis, TN 38111 MEM . . . . .	1960
Smith, Mrs. Arlo T., 3724 Oakley Ave., Memphis, TN 38111 MEM . . . . .	1953
Smith, Mrs. Arthur S., 100 Otari Drive, Rt. 14, Kingsport, TN 37664 TAL . . . . .	1963
*Smith, Dr. Charles, Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850 COR . . . . .	1963
Smith, Mr. and Mrs. Louis F., 3809 Riverview Rd., Knoxville, TN 37914 KNO . . . . .	1954
Smith, Lucile Choate, 4035 Skyland Dr., Kingsport, TN 37664 TAL . . . . .	1952
Smith, Dr. Raiford, 135 Park Circle, Murfreesboro, TN 37130 MUR . . . . .	1964
Smith, Stephen H., 282 Williford St., Memphis, TN 38112 MEM . . . . .	1979
Sowell, Miss Maude, 207 W. Sixth St., Columbia, TN 38401 COL . . . . .	1987
Speck, Mrs. H. H., 228 East Spring St., Lebanon, TN 37087 LEB . . . . .	1974
Spees, Dr. and Mrs. Royal, Box 356, Greeneville, TN 37743 GRE . . . . .	1962
Spence, Alberta, 1915 Eagle St., Murfreesboro, TN 37130 MUR . . . . .	1987
Spence, Mrs. C.C., 3610 Cowden, Memphis, TN 38111 MEM . . . . .	1978
**Stallings, Miss Pat, 406 North 17th St., Nashville, TN 37206 NAS . . . . .	1970
Stamps, Mrs. F. W., 6101 Spokane Way, Louisville, KY 40222 OOR . . . . .	1946
Stanford, Mrs. H. B. Taylorsville Rd., Rt. 2, Box 300, Lebanon, TN 37087 LEB . . . . .	1974
Stedman, Mr. and Mrs. Stephen J., 2223 Tomasse Dr., Knoxville, TN 37920 KNO . . . . .	1978
*Steele, Allen M., Life and Casualty Ins. Co., Life & Casualty Tower, Nashville, TN 37219 NAS . . . . .	1977
Steinberg, Roger, Rt. 3, Belt Rd., Knoxville, TN 37920 KNO . . . . .	1987
Steinhaus, Mrs. David W., 3136 Cowden, Memphis, TN 38111 MEM . . . . .	1987
Stephens, Miss Ella, Box 35, Farmer, TN 37333 TAL . . . . .	1965
Stephens, Mr. and Mrs. Joseph P., 1262 Hillwood Drive, Clarksville, TN 37340 NAS . . . . .	1974
Sterlins, Helen W., 418 Page Rd., Nashville, TN 37205 NAS . . . . .	1978
Stewart, Mr. Alva W., 5133 Kittv Lee Lane, Memphis, TN 38118 MEM . . . . .	1979
Stewart, Mrs. David, 106 Green Valley Blvd., Franklin, TN 37064 NAS . . . . .	1978
Stidolph, Sister Margarita, 4792 Walnut Grove Rd., Memphis, TN 38117 MEM . . . . .	1978
Stokes, John L., 574 Burdette Ave., Memphis, TN 38127 MEM . . . . .	1979
**Stone, Joe, 4128 Caine Lane, Chattanooga, TN 37421 CHA . . . . .	1976
Stoner, Mr. and Mrs. Floyd F., 192 Williford, Memphis, TN 38112 MEM . . . . .	1961
*Street, Mr. Thomas E., 411 No. Spring St., Greensboro, NC 27401 COR . . . . .	1954
Streete, Lt. Col. and Mrs. Alice, Rt. 1, Box 529, Oakland, TN 38060 MEM . . . . .	1973
Stringer, Mrs. Kirby, 1833 Primrose Ave., Nashville, TN 37212 NAS . . . . .	1947
Stringer, Mr. Randy C., 758 Emory Drive, Chattanooga, TN 37415 CHA . . . . .	1979
Stuart, Mr. and Mrs. Gordon, 132 Oakview Dr., Bristol, VA 24201 BRI . . . . .	1970
Stupka, Mr. and Mrs. Arthur, Rt. 3, Gatlinburg, TN 37738 KNO . . . . .	1935
Styke, Mr. and Mrs. Q.N., Jr., 1101 Summer St., Manchester, TN 37355 HR . . . . .	1975
Sulser, Miss Anna L., 1796 Poplar Ave., Apt. 5, Memphis, TN 38104 MEM . . . . .	1973
Sumara, Mrs. C.K.G., 1011 Church St., Tiptonville, TN 38079 TAL . . . . .	1965
Swofford, Carl, 3997 Nile Terrace, Ooltewah, TN 37363 CHA . . . . .	1968
Swindell, Mr. and Mrs. Thomas, 404 Clay St., Alexander City, AL 35010 ELI . . . . .	1948
Swofford, Mr. and Mrs. Glen, 550 Valley Street, Erwin, TN 37650 ELI . . . . .	1976
Talbot, Mr. and Mrs. Joe H., 6117 Bresslyn Rd., Nashville, TN 37205 NAS . . . . .	1976
Tanner, Mr. and Mrs. Edward F., 402 Colgate Ave., Lebanon, TN 37087 LEB . . . . .	1969
**Tanner, Dr. James T., Route 28, Box 155, Knoxville, TN 37920 KNO . . . . .	1940
Tanner, Dr. and Mrs. James T., Route 28, Box 155, Knoxville, TN 37920 KNO . . . . .	1940
Tanzer, Mr. and Mrs. Frank, 8510 Mysen Cove, Cordova, TN 38018 MEM . . . . .	1980
Tarbull, Dr. and Mrs. D. Stanley, 6033 Sherwood Drive, Nashville, TN 37215 NAS . . . . .	1968
*Taylor, Mr. Joseph William, 20 Parrish Rd., Honeoye Falls, NY 14472 COR . . . . .	1959
Taylor, Richard G., 846 Thistle-down #4, Memphis, TN 38117 MEM . . . . .	1975
Thomas, Mr. and Mrs. Charles S., Jr., 1005 Hillcrest Ave., Columbia, TN 38401 COL . . . . .	1979
Thomas, Luttrell, 2125 Belcourt Ave., Nashville, TN 37212 NAS . . . . .	1978
Thompson, Doris M., P.O. Box 90944, Nashville, TN 37209 NAS . . . . .	1979
Thomson, Mrs. Robert P., 3505 Lancaster Lane, Montgomery, AL 36106 NAS . . . . .	1976
Toline, Mr. and Mrs. F.R., Rt. 6, Box 232, Cocheville, TN 38501 UC . . . . .	1965
Trabue, Mr. and Mrs. Lawrence O., 3819 Harding Place, Nashville, TN 37215 NAS . . . . .	1960
Trice, Mrs. Lillard, 817 Cedar Bluff Rd., Knoxville, TN 37923 KNO . . . . .	1979
Tucker, Mr. and Mrs. John, 3912 Broadway, Bartlett, TN 38134 MEM . . . . .	1980
Tunberg, Mr. and Mrs. Douglas L., 1314 South Seminole Dr., Chattanooga, TN 37412 CHA . . . . .	1956
*Turner, Mr. and Mrs. David A., Rt. 4, Box 541 Valley Lane, Clinton, TN 37716 TAL . . . . .	1979
Turner, Mr. and Mrs. David A., Rt. 4, Box 541 Valley Lane, Clinton, TN 37716 KNO . . . . .	1979
Turner, Miss Helen, 3005 Walnut Grove Rd., Apt. 1, Memphis, TN 38111 MEM . . . . .	1968
Underwood, Sandra S., 8400 Middlebrook Pike, Apt. L-34, Knoxville, TN 37919 KNO . . . . .	1980
Van Cleve, Mr. G. Bernard, 304 S. Winebiddle St., Apt. 2, Pittsburgh, PA 15224 COR . . . . .	1961
Van Gelder, Mr. Enno, 416 Hilltop Rd., Bristol, TN 37620 BRI . . . . .	1961
Vaughan, Mrs. Frances J., Rt. 6, Box 66, Murfreesboro, TN 37130 MUR . . . . .	1971
Vaughn, Mrs. Osa N., 4013 Dorcas Dr., Nashville, TN 37215 NAS . . . . .	1976
Vogt, David, 205 Mayfair Rd., Nashville, TN 37205 NAS . . . . .	1978
Wade, Miss Mary Ann, 1644 Goodbar Ave., Memphis, TN 38104 MEM . . . . .	1973
Wakeland, Violette, Box 953, Monteagle, TN 37356 HR . . . . .	1974
**Walton, Mrs. Martha, 1626 Yorkshire Drive, Memphis, TN 38117 MEM . . . . .	1970
Walker, Ms. Ellen J., 1024 Sunset Dr., Clarksville, TN 37340 NAS . . . . .	1987
*Walker, Mrs. Sue, 320 S.W. 12th St., Gainesville, FL 32601 COR . . . . .	1935
*Walupp, Mr. and Mrs. Kenneth A., 309 Leopole Rd., Nashville, TN 37211 NAS . . . . .	1971
**Wallace, Dr. Gary O., Route 7, Box 338, Sunrise Drive, Elizabethton, TN 37643 ELI . . . . .	1967
Wallace, Mrs. Gary O., Route 7, Box 338, Sunrise Drive, Elizabethton, TN 37643 ELI . . . . .	1971
Walsh, James and Barbara, Rt. 4, Box C-2-A, Elizabethton, TN 37643 ELI . . . . .	1979
**Ward, Frank C., 3341-B Pine Wood Ave., Chattanooga, TN 37411 CHA . . . . .	1952
**Wardens, Miss Margaret L., 1806 East Belmont Circle, Nashville, TN 37212 NAS . . . . .	1926
**Wardfield, Mr. and Mrs. Charles H., 4208 Estes Rd., Nashville, TN 37215 NAS . . . . .	1979
Wardrop, Mrs. R.B., Jr., 205 Linden St., Corinth, MS 38834 OOR . . . . .	1973
Waters, Mrs. Henry, Rt. 7, Lebanon, TN 37087 LEB . . . . .	1950
Watkins, Miss Violet Jane, 2845 Kenway Rd., Nashville, TN 37215 NAS . . . . .	1957
Watson, Mr. Joe, RFD #1, Box 233, Rutledge, TN 37861 KNO . . . . .	1964
Weber, Wayne C., 303-9153 Saturna Dr., Burnaby, B.C., Canada V3J 7K1 OOR . . . . .	1976
Weesner, Mr. and Mrs. George, 4204 Sneed Ave., Nashville, TN 37215 NAS . . . . .	1971
Weinstein, Mrs. Miriam, 1901 Harding Rd., Box 38, Nashville, TN 37205 NAS . . . . .	1974
Welsh, Dr. Charles M., 2314 East Stratford, Milwaukee, WI 53211 OOR . . . . .	1954

Wellford, Mrs. John, 488 Goodlet St., Memphis, TN 38117 MEM . . . . .	1977
Welty, Mrs. William, 115 Castle Heights Ave., Lebanon, TN 37087 LEH . . . . .	1967
Wendt, Miss Chrissa, 825 N. Drive, Cookeville, TN 38501 UC . . . . .	1960
Wenger, Mr. Jerry, Dept. Natural Sci., Covenant College, Lookout Mtn., TN 37350 CHA . . . . .	1978
Werner, Miss Diana, 819 Manchester Dr., Chattanooga, TN 37415 CHA . . . . .	1980
Wessels, Mrs. Anna M., 2550 Union Ave., Memphis, TN 38112 MEM . . . . .	1977
**West, Mrs. Eugene M., Box 1602 Fairfield Glade, TN 38555 CHA . . . . .	1948
Westmoreland, Mr. and Mrs. L. P., 1213 Worthington St., Chattanooga, TN 37405 CHA . . . . .	1974
White, Miss Marie, 909 Milford Ave., Cookeville, TN 38501 UC . . . . .	1961
Whitehead, Dan M., 1201 Lenore Lane, Maryville, TN 37801 KNO . . . . .	1980
Whitehead, Mrs. T.W., Rt. 8, Johnson City, TN 37601 ELI . . . . .	1973
Whitley, Mr. and Mrs. William T., 400 Colonial Rd., Memphis, TN 38117 MEM . . . . .	1972
**Whittmore, Dr. Wendell L., 176 Cherry Rd., Memphis, TN 38117 MEM . . . . .	1935
*Whittington, Richard L., 4778 Eagle Crest #4, Memphis, TN 38117 MEM . . . . .	1974
Wilbur, Mrs. Richard, 230 Essery Rd., Clarksville, TN 37040 NAS . . . . .	1969
Wilcoxon, Mr. and Mrs. Hardy C., 4410 Alcott Dr., Nashville, TN 37215 NAS . . . . .	1978
Wilkey, Mr. and Mrs. Bruce, 106 Palisade, P. O. Box 227, Signal Mtn., TN 37377 CHA . . . . .	1977-1979
Wilkinson, Dr. and Mrs. R. Dean, No. 811 McKendree Towers, 4343 Lebanon Rd., Lebanon, TN 37087 LEH . . . . .	1960
Willard, Lillie, 100 N. Washington St., Kinsley Apt. 2-B, Tullahoma, TN 37388 HR . . . . .	1978
Williams, Miss Florence, Rt. 8, Box 125, Cookeville, TN 38501 UC . . . . .	1976
**Williams, Mr. Morris D., Museum of Zoology, Louisiana State Univ., Baton Rouge, LA 70893 KNO . . . . .	1968
Williams, Mrs. Virginia, Rt. 6, Box 347, Greeneville, TN 37743 GRE . . . . .	1978
Williams, Mr. and Mrs. W. B., 1313 Young Ave., Maryville, TN 37801 KNO . . . . .	1964
Williamson, Mrs. W. G., 4237 Auburn Rd., Memphis, TN 38116 MEM . . . . .	1934
Willis, Mr. and Mrs. Willie R., 103 Buffalo St., Lawrenceburg, TN 38464 HR . . . . .	1972
Wilmoth, Mr. and Mrs. Charles E., 606 S. Graham, Memphis, TN 38111 MEM . . . . .	1948
Wilson, Mrs. Charles W., 2355 Eastwood Place, Memphis, TN 38112 MEM . . . . .	1967
Wilson, Mr. and Mrs. Jeff R., 6298 Memphis-Arlington Rd., Memphis, TN 38134 MEM . . . . .	1975
Wilson, Mrs. John T., P.O. Box 38, Hillsboro, TN 37342 HR . . . . .	1980
Winnett, Wanda and Truman, Rt. 2, Hillsboro, TN 37342 HR . . . . .	1974
Wodtke, Mrs. Clara Mae, 609 W. Vanderbilt, Oak Ridge, TN 37830 KNO . . . . .	1974
Wodzinski, Mr. and Mrs. Dick, Box 64, Collegedale, TN 37315 CHA . . . . .	1978
Wolcott, Mark J., Summer Academy, Nichol Lane, Box 944, Gallatin, TN 37066 NAS . . . . .	1975
Wolfe, Randall G., 129 Crescent Ave., Knoxville, TN 37920 KNO . . . . .	1980
Wood, D. L. and Roberta, Rt. #2, Box 370, Estill Springs, TN 37330 HR . . . . .	1980
Wood, Mr. and Mrs. George R., Rt. 1 Bethel Church Rd., Townsend, TN 37882 KNO . . . . .	1978
**Wood, Miss Mary, P. O. Box B, Woodbury, TN 37190 NAS . . . . .	1963
Wood, Patricia, 1710 Morlye Pl. #4, Memphis, TN 38111 MEM . . . . .	1980
**Woodring, Mr. George B., Rt. 1, Brentwood, TN 37027 NAS . . . . .	1927
**Woodring, Mrs. George B., Rt. 1, Brentwood, TN 37027 NAS . . . . .	1927
**Woodriddle, Mrs. Rose Newton, 2042 Cowden, Memphis, TN 38104 MEM . . . . .	1945
Workman, Miss Virginia, 3106 West End Ave., Apt. A-3, Nashville, TN 37203 NAS . . . . .	1960
Worley, Mr. and Mrs. Richard C., 500 Winston Rd., Chattanooga, TN 37405 CHA . . . . .	1970
Yambert, Bill, 600 Elaine Dr., Nashville, TN 37211 TAL . . . . .	1941
*Yeatman, Dr. Harry C., Univ. of the South, Sewanee, TN 37375 TAL . . . . .	1934
York, Mr. and Mrs. Grady L., P. O. Box 100, Manchester, TN 37355 HR . . . . .	1974
Young, Mr. and Mrs. Howard, 1909 East Sevier Ave., Kingsport, TN 37664 TAL . . . . .	1973
Zachry, Mr. and Mrs. John, 5101 Chestnut St., Signal, TN 37377 CHA . . . . .	1978
*Zaenglein, Mr. Ralph J., 1121 W. Broadway, Maryville, TN 37801 TAL . . . . .	1955

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\*\*Life Members

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Dean B. Ellis Library, Drawer EEEE, Arkansas State Univ., State University, AR 72467. . . . .	1968
Serials Dept., General Library, Univ. of California, Berkeley, CA 94720 . . . . .	1934
Serials Dept. - Library, Univ. of California, E 959 975, Santa Barbara, CA 93106 . . . . .	1972
Serials Div., Woodward Library, Univ. of British Columbia, 2075 Westbrook Place, Vancouver, British Columbia, Canada V6T 1W5 . . . . .	1958
Serials Dept., McGill University Library, 3459 McTavish St., Montreal 112, P. Quebec, Canada . . . . .	1930
Library Acquisitions, Royal Ontario Museum, Univ. of Toronto, 100 Queen's Park, Toronto, Ontario, Canada M5S 206. . . . .	1948
Ornithology Library, Peabody Museum Yale Univ., Room 205, New Haven, CT 06508 . . . . .	1963
The Librarian, Zoological Museum, Tring, Hertfordshire, England . . . . .	1979
The Librarian, Dept., of Zoology, Edward Gray Institute of Field Ornithology, South Parks Rd., Oxford OX1, England 3 PS . . . . .	1968
**The Science Reference Library, (Bayswater Branch), 10, Porchester Gardens, London W 2 4 DE, England . . . . .	1977
Accessions Dept., National Lending Library for Science and Technology, Boston SPA, Wetherby Yorkshire LS 23 7 BQ, England . . . . .	1968
Serials Dept., Library, Univ. of Central Florida, P.O. Box 25000, Orlando, FL 32816 . . . . .	1971
Tall Timbers Research Station, Rt. 1, Box 160, Tallahassee, FL 32301 . . . . .	1971
Periodicals Desk - SC, Univ. of Georgia Libraries, Athens, GA 30602 . . . . .	1980
Serials & Binding Dept., Robert D. Woodruff Library, Emory Univ., Atlanta, GA 30322 . . . . .	1940
Senckenbergische Bibliothek, Zeitschriftenabteilung/DFG, Bockenheimer Landstr. 134-138, D-6000, Frankfurt, Main, Bundesrepublik Deutschland . . . . .	1978
Library, Field Museum of Natural History, Roosevelt Rd. & Lakeshore Drive, Chicago, IL 60605 . . . . .	1935
The Serials Dept., Univ. of Illinois Library, Urbana, IL 61801 . . . . .	1956
Univ. of Kansas, Library, Periodical Section, Lawrence, KA 66045 . . . . .	1956
Library - Serials Dept., Murray State University, Murray, KY 42071 . . . . .	1946
U.S. Fish and Wildlife Service, Kentucky Research Station, 334 15th St., Bowling Green, KY 42101 . . . . .	1979
University of Kentucky, Agricultural Science Center North, Lexington, KY 40546 . . . . .	1969
Survey Ornithologist, Mr. M.E. Barre, RAF/77/042, P.O. Box 30218, Nairobi, Kenya . . . . .	1979
Serials Div., Library, Louisiana State Univ., Baton Rouge, LA 70803 . . . . .	1947
Library, Serials Section, Tulane University, New Orleans, LA 70118 . . . . .	1978
Library, Museum of Comparative Zoology, Harvard Univ., Cambridge, MA 01022 . . . . .	1943
Dwight B. Waldo Library, Serials, Western Michigan Univ., Kalamazoo, MI 49001 . . . . .	1972
Mississippi Museum of Natural Science, 111 N. Jefferson St., Jackson, MS 39202 . . . . .	1971
Acquisitions Dept., Mitchell Memorial Library, Mississippi State Univ., State College, MS 39762 . . . . .	1972
Library - Serials Section, University of Mississippi, University, MS 38677 . . . . .	1947
New York State Library, Ser. Cont. Sec., Cultural Education Center, Empire State Plaza, Albany, NY 12230 . . . . .	1953
Library, National Audubon Society, 950 Third Ave., New York, NY 10022 . . . . .	1931
Hunter Library, Serials, Western Carolina Univ., Collowhee, NC 28723 . . . . .	1975
Per. Ser. Center, Serials Dept. D.H. Hill Library, N.C. State Univ. at Raleigh, P.O. Box 5007 Raleigh, NC 27607 . . . . .	1960
Serials Div., Library, Ohio State Univ., 1858 Neil Ave., Columbus, OH 43210 . . . . .	1945
Library - Serials Division, Oklahoma State Univ., Stillwater, OK 74074 . . . . .	1963
Library, Indiana University of Penn., Indiana, PA 15701 . . . . .	1967
Carnegie Library of Pittsburgh, 4400 Forbes Ave., Pittsburgh, PA 15213 . . . . .	1956
Library, Carnegie Museum of Natural History, 4400 Forbes Ave., Pittsburgh, PA 15213 . . . . .	1956
Pattee Library, Periodicals Section, Penn. State University, University Park, PA 16802 . . . . .	1968
The Charleston Museum, 121-25 Rutledge Ave., Charleston, SC 29416 . . . . .	1934
Library, Periodicals Dept., University of Tennessee at Chattanooga, Chattanooga, TN 37401 . . . . .	1970
Chattanooga-Hamilton County, Bicentennial Library, 1001 Broad St., Chattanooga, TN 37402 . . . . .	1932
Library, Southern Missionary College, Collegedale, TN 37315 . . . . .	1962
Periodicals Librarian, Jere Whitson Memorial Library, Tennessee Technological Univ., Cookeville, TN 38501 . . . . .	1972
Library, Lincoln Memorial Univ., Harrogate, TN 37752 . . . . .	1979
Sherrord Library, Periodicals Dept., East Tenn. State Univ., Johnson City, TN 37601 . . . . .	1969
City of Kingsport, Bays Mountain Park Office, Rt. 4, Kingsport, TN 37660 . . . . .	1970
Kingsport Univ. Center, Library, University Blvd., Kingsport, TN 37660 . . . . .	1979
Biology Library, Science - Engineering Library, Univ. of Tenn., 672 Buehler Hall, Knoxville, TN 37916 . . . . .	1942
Knoxville - Knox County Public Library, 500 West Church Ave., Knoxville, TN 37902 . . . . .	1956
Lawrence County Library, East Gaines St., Lawrenceburg, TN 38464 . . . . .	1980
The Library, The Univ. of Tenn. at Martin, Martin, TN 38237 . . . . .	1979
Memphis Public Library and Information Center, 1850 Peabody, Memphis, TN 38104 . . . . .	1940
Memphis Museum Library, Memphis Pink Palace Museum, 3050 Central Ave., Memphis, TN 38111 . . . . .	1978
Periodicals Dept., Memphis State Univ. Libraries, Memphis, TN 38152 . . . . .	1941
Director, Tennessee Heritage Program, 2611 West End Ave., Nashville, TN 37203 . . . . .	1977
Public Library, Nashville-Davidson Co., 8 Ave. N. and Union, Nashville, TN 37203 . . . . .	1978
Library - Serials, University of Tenn. at Nashville, 10th at Charlotte, Nashville, TN 37203 . . . . .	1968
Tennessee State Univ., Fancher 0500, 3500 Centennial Blvd., Nashville, TN 37203 . . . . .	1933
State Library Div., Tenn. State Library and Archives, 403 7th Ave. North, Nashville, TN 37219 . . . . .	1935
Vanderbilt University Library, Periodicals, 419-21st Ave. South, Nashville, TN 37203 . . . . .	1974
Tennessee Valley Authority, Forestry Library, Norris, TN 37828 . . . . .	1968
Jessie Ball Dupont Library, Serials Dept., University of the South, Seawee, TN 37375 . . . . .	1968
Serials Dept., Earl Gregg Swen Library, College of William and Mary, Williamsburg, VA 23185 . . . . .	1967

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Alabama Ornithological Society Library, Series Section, Auburn University Library, Auburn, AL . . . . .	36830
Arkansas Audubon Society, 5809 North Country Club, Little Rock, AR . . . . .	72207
Audubon Naturalist Society, 8940 Jones Mill Road, Washington, D.C. . . . .	20015
Bibliothèque, Station Biologique de la Tour du Valat, Le Sambuc, France 13200 Arles	
Bird-Banding, Bertram G. Murray, Jr., Department of Science, Rutgers University, New Brunswick, NJ . . . . .	08903
Birding, James A. Tucker, Editor, Box 4335, Austin, TX . . . . .	78765
British Trust for Ornithology, Beech Grove, Tring, Hertfordshire, England	
Bulletin of Maine Audubon Society, Dr. Alfred O. Gross, Editor, Bowdoin College, Brunswick, ME . . . . .	04011
Bureau of Research, New Jersey State Museum, 205 West State Street, Trenton, NJ . . . . .	08625
California Field Ornithologists, c/o Point Reyes Bird Observatory, 4990 State Route #1, Stinson Beach, CA . . . . .	94970
Der Ornithologische Beobachter, Schweizerische Vogelwarte, CH-6204 Sempach, Switzerland	
EBBA News, 84-55 Daniels Street #1K, Jamaica, NY . . . . .	11435
Editorial Office, Wildlife Review, 270 Aylesworth Hall, Colorado State University, Ft. Collins, CO . . . . .	80523
Florida Field Naturalist, Archbold Biological Station, Route #2, Box 180, Lake Placid, FL . . . . .	33852
Indiana Audubon Quarterly, Indiana Audubon Society, Inc., Charles E. Keller, 2525 E. Maynard Drive Indianapolis, IN . . . . .	46227
Inland Bird Banding News, Dr. Norman F. Sloan, Editor, Department of Forestry, Michigan Technological University, Houghton, MI . . . . .	49931
Institute Royal des Sciences, Naturelles de Belgique, Service de Documentation, Rue Vautier 31, B-1040 Bruxelles, Belgium	
Iowa Bird Life, 235 McClelland Boulevard, Davenport, IA . . . . .	52803
Kentucky Warbler, Serials Department, University of Louisville Library, Bellarm Campus, Louisville, KY . . . . .	40208
Library, U.S. National Museum, Smithsonian Institution, Washington, DC . . . . .	20025
Literature Acquisition Department, Biological Abstracts, 2100 Arch, Philadelphia, PA . . . . .	19103
Maryland Bird Life, Maryland Ornithological Society, Clyburn Mansion, 4915 Green Springs Avenue, Baltimore, MD . . . . .	21209
Massachusetts Audubon Society, Research Library, South Great Road, Lincoln, MA . . . . .	01773
Michigan Audubon Library, Dr. Harold Mahan, Central Michigan University Museum, Mount Pleasant, MI . . . . .	48858
Raven, Frederic C. Scott, Editor, 115 Kennondale Lane, Richmond, VA . . . . .	23226
Sect. of Migration Non-Game Bird Studies, U.S. Fish & Wildlife Service, Patuxent Wildlife Research C., Laurel, MD . . . . .	20810
Sociedad de Ciencias Naturales La Salle, Biblioteca, Apartado 8150, Caracas, Venezuela	
South Dakota Bird Notes, June Harter, Editor, Highmore SD57345, Rapid City, SD . . . . .	57701
Southern Illinois Bird Observatory, P.O. Box 2471, Carbondale, IL . . . . .	62901
The Blue Jay, Serials Dept., Murray Memorial Library, University of Saskatchewan Saskatoon, Saskatchewan, Canada	
The Chat, Potter, Mrs. Eloise F., Route #3, Box 114-AA, Zebulon, NC . . . . .	27597
The Condor, Biomedical Library, Medical Center, University of California, Los Angeles, CA . . . . .	90024
The Finnish Ornithological Society, c/o Library of the Scientific Societies, Snellmaninkatu 9-11 Helsinki 17, Finland	
The Kingbird, Federation of N.Y. State Bird Clubs, Inc., Emanuel Levine, 585 Mead Terrace South Hempstead, NY . . . . .	11550
The Librarian, American Museum of Natural History, New York, NY . . . . .	10024
The Librarian, Zoological Museum, Tring, Hertfordshire, England	
The Living Bird, Library, Laboratory of Ornithology, Cornell University, 159 Sansucker Woods Road, Ithaca, NY . . . . .	14850
The Loon, Minnesota Ornithologists Union, Museum of Natural History, University of Minnesota, Minneapolis, MN . . . . .	55455
The Nebraska Bird Review, Nebraska Ornithological Union, 101 Morrill Hall, University of Nebraska State Museum, Lincoln, NE . . . . .	68508
The Oriole, Gift & Exchange Section, Acquisitions Division, University of Georgia Libraries, Athens, GA . . . . .	30601
The Passenger Pigeon, Dr. Charles A. Kenper, Editor, 733 Maple Street, Chippewa Falls, WI . . . . .	54729
The Prothonotary, Buffalo Ornithological Society, 87 Garrison Road, Williamsville, NY . . . . .	14221
The Redstart, Brooks Bird Club, 423 Warwood Avenue, Wheeling, WV . . . . .	26003
The Ring, International Ornithological Bulletin, Museum of Natural History, Sienkiewicza 21, 50-335 WROCLAW, Poland	
The Wilson Bulletin, Wilson Ornithological Society, University of Michigan, Museum of Zoology, Ann Arbor, MI . . . . .	48103
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**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, 1401 Wilson Boulevard, Arlington, Virginia 22209.

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

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

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

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