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## A NESTING STUDY OF WOOD DUCKS ON KENTUCKY LAKE, TENNESSEE

VEIT M. SPERO, F.G. DALLMEIER, R.M. WHEAT,  
AND T.D. PITTS

The original goal of this project was to study the dispersal of young Wood Ducks (*Aix sponsa*) from their nests on an island in Kentucky Lake. When it became obvious that we could not fulfill the primary objective, due to logistical problems, we switched our efforts to a description of the Wood Duck nesting activities on the island. While numerous nesting studies of Wood Ducks have been conducted (see Bellrose 1976:177-194 for a review of Wood Duck biology), including some in Tennessee (e.g., Lumpkin 1972), several aspects of Wood Duck nesting biology remain poorly understood or adequately documented.

### DESCRIPTION OF STUDY AREA

The study area was a long, narrow 1.2 ha island in Kentucky Lake near Eva, Benton County, Tennessee. Coordinates of the island are 36° 87' 18" N and 87° 59' 30" W. Tennessee Wildlife Resources Agency (TWRA) personnel had placed Wood Duck nest boxes on the island in the late 1960's. Seventy-three nest boxes with a total of 100 compartments were present in 1981 and 1982. Four types of nest boxes were present. Thirty-eight were standard Wood Duck nest boxes of the type described by Bellrose (1955); 24 were ammunition boxes divided into 2 compartments; 1 ammunition box had 4 compartments; and 10 cavities consisted of two 5-gallon plastic buckets fastened end to end. Compartments in the wood boxes ranged from 20x20x50 cm to 25x25x50 cm; all entrances were approximately 10 cm in diameter. TWRA personnel removed debris from each cavity and added nesting material prior to each nesting season. In 1981 straw was used as nest material, and wood shavings were used in 1982. Most of the boxes were 2-3 m above ground; all were attached to trees. The dominant tree on the island was sweet gum (*Liquidambar styraciflua*). Much of the island, especially the western end, had a dense understory containing shrubs and vines such as poison ivy (*Rhus radicans*) and Japanese honeysuckle (*Lonicera japonica*). Buttonbush (*Cephalanthus occidentalis*) and some willow (*Salix* sp.) surrounded the island.

### METHODS

Nest cavities were inspected 5 times during the 1981 nesting season (3, 12, 19, 23 May, and 3 July) and weekly from mid-March through May of 1982. In 1981, 90 of the 100 compartments were checked, but in 1982 all compartments were

inspected. Maximum length (L) and maximum width (W) were measured on 203 eggs in 14 clutches in 1982. A dial caliper with 0.1 mm graduations was used. The volume (V) of each egg was calculated using the formula  $V \text{ (cc)} \approx 0.51 L \text{ (mm)} W \text{ (mm)}^2/1000$  (Hoyt 1979).

## RESULTS AND DISCUSSION

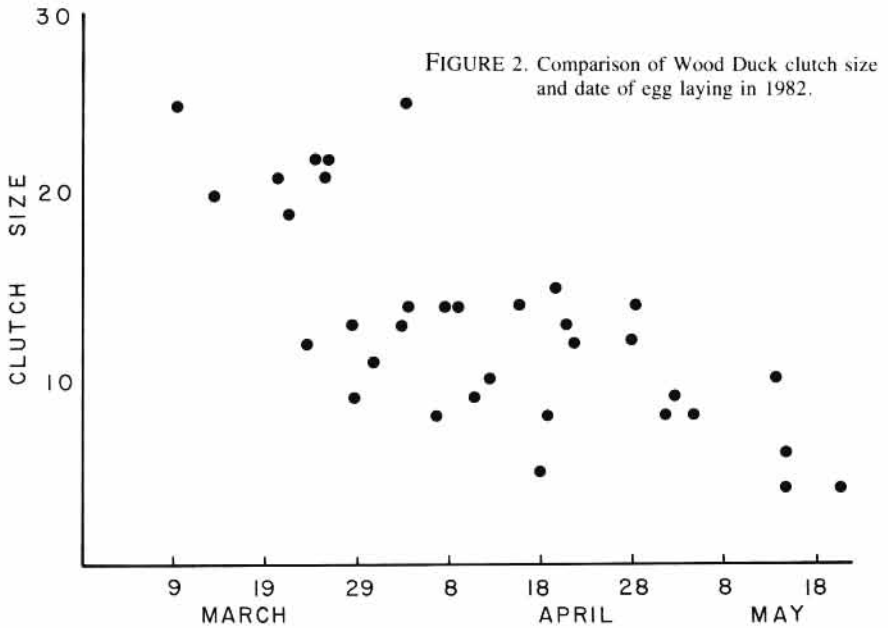
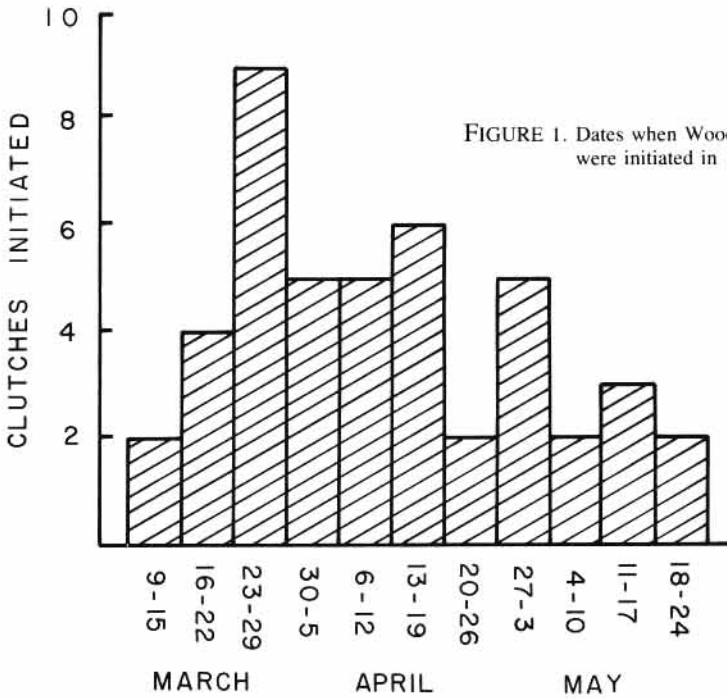
### Cavity use

Table 1 summarizes use of the different types of cavities. Common Grackle (*Quiscalus quiscula*) nests in the boxes have been reported elsewhere (Spero and Pitts 1984) and will not be dealt with in detail here. The decline in the number of Wood Duck nests, from 57 in 1981 to 44 in 1982, might be partly attributed to the instigation of an experimental Wood Duck hunting season in September 1981.

TABLE 1. Use of different types of nesting cavities on the study area.

Type Cavity	Total Number of Cavities		Number Used By Wood Ducks		Number Used By Grackles		Number Unoccupied	
	1981	1982	1981	1982	1981	1982	1981	1982
Standard Wooden	31	38	20(64.5%)	16(32.1%)	2(6.5%)	6(15.8%)	9(29%)	16(42.1%)
Double Ammunition Box	46	48	33(72%)	19(39.6%)	11(24%)	12(25%)	2(4%)	17(35.4%)
Plastic Bucket	9	10	3(33.3%)	8(80%)	3(33.3%)	0(0%)	3(33.3%)	2(20%)
Four Cavity Ammunition Box	4	4	1(25%)	1(25%)	3(75%)	2(50%)	0(0%)	1(25%)
Totals	90	100	57(63%)	44(44%)	19(21%)	20(20%)	14(15.6%)	36(36%)

In 1981 the average size of 51 clutches was 13.7 with a range of 4-34. In 1982 the average size of 34 clutches was 13.2 with a range of 4-25. Bellrose (1976) defined a dump nest as any Wood Duck nest having more than 15 eggs, but he noted that some females may lay more than 15 eggs. Clawson *et al.* (1979) used 18 eggs as a minimum for defining a dump nest provided no other information was available. As suggested by Morse and Wright (1969) and Clawson *et al.* (1979), nests with more than 1 egg deposited per day or nests where the laying cycle was upset for more than 3 days should also be considered dump nests. Due to the small number of visits we made in 1981, our only reliable criterion for detecting dump nests was the presence of more than 15 eggs. Nineteen (33%) of the 57 nests in 1981 were dump nests; their average size was 21.8 eggs. Bellrose (1976) reported an average of 21.2 eggs in dump nests elsewhere. In 1982, 11 (25%) of the 44 nests were judged to be dump nests based on the number of eggs and the rate of laying. The average clutch size of dump nests in 1982 was 18.3 eggs.



Normal nests (i.e., not dump nests) averaged 8.9 eggs (38 clutches) in 1981 and 10.7 eggs (23 clutches) in 1982. Part of the difference between the 2 years may be attributed to our detection, and exclusion from calculations, of incomplete clutches in 1982.

In 1982, clutch initiation began on 9 March, and peaked in late March (Figure 1). Clutch size decreased as the nesting season progressed (Figure 2), and this relationship can be expressed by the regression equation  $Y = 37.1 - 0.233X$  ( $r^2 = 56.6$ ), where  $Y$  is the clutch size, and  $X$  is the date of clutch initiation. Note in Figure 2 that the 8 nests judged to be dump nests on the basis of their size were all produced in the first half of the nesting season as was also observed by Grice and Rogers (1965) in their study. Also note that the presumed dump nests are clearly separable from the normal clutches when plotted in this manner. The smaller clutches in May possibly represent renesting attempts. Dump nesting has been the subject of much debate (e.g., Jones and Leopold 1967; Morse and Wright 1969; Clawson *et al.* 1979) but with little consensus on its causes and effects.

### Nest abandonment

There was a high rate of nest abandonment each year of the study. In 1981 at least 36% (20 of 57) of the clutches were abandoned; however, other nests may have been abandoned since the outcome of 24 nests was not determined. In 1982, 39% (17 of 44) of the nests were abandoned, in addition to 25% (11 of 44) of the nests that were destroyed by grackles. The high rate of abandonment may have been due to the high density of nest cavities as suggested by Jones and Leopold (1967). Grackles may also have been responsible for some of the abandonments, in addition to the nests they destroyed.

### Hatching

In 1981 complete data was available for 10 successful nests. These nests contained a total of 184 eggs, of which 104 (57%) hatched. The average number of ducklings per nest at hatching was 10.4. Six of the 10 nests were dump nests. In dump nests, hatching success was 51% with an average brood size of 12.7. Hatching success in normal nests was 78% with an average of 7.0 ducklings per nest. Hatching was observed in 4 dump nests and no normal nests in 1982. Of 85 eggs, 74% hatched, resulting in an average brood size at hatching of 15.8. The smaller percentage but larger actual number of eggs that hatched in dump nests in 1981 is typical of the results in other studies (e.g., Clawson *et al.* 1979). However, in 1982 the percentage of eggs that hatched in dump nests (74%) approached the percentage hatched in normal nests in 1981 (78%). Our small sample sizes preclude statistical analysis and these percentages should be viewed cautiously as they may not realistically represent the population.

### Egg size

Table 2 gives the average length, width, and calculated volume for each of the 14 clutches measured. Average length was 49.9 mm with a range of 40.1-55.5 mm; average width was 38.5 mm with a range of 34.7-41.5 mm. Average volume was 38.0 cc with a range of 28.3-47.5 cc. The average length and width of all eggs in our study are only slightly different from the average 51.1 x 38.8 mm reported by Bent (1923:162) for 99 Wood Duck eggs from several sources.

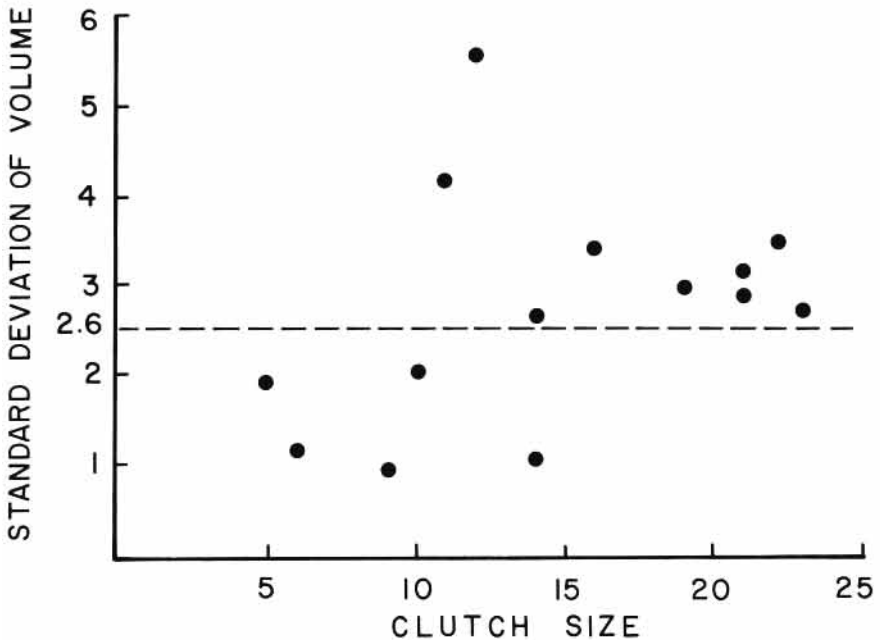
TABLE 2. Summary of egg sizes\* from clutches collected on Kentucky Lake, Tennessee.

Clutch Number	Clutch Size	Length		Width		Volume	
		$\bar{x}$	SD	$\bar{x}$	SD	$\bar{x}$	SD
1	22	50.0	(1.7)	39.0	(1.5)	38.8	(3.6)
2	21	49.9	(2.8)	39.5	(0.9)	39.7	(3.3)
3	19	50.6	(1.7)	38.7	(1.5)	38.7	(3.0)
4	21	48.7	(1.9)	37.5	(1.1)	34.9	(3.0)
5	23	49.8	(1.9)	38.4	(0.9)	37.5	(2.8)
6	16	49.3	(2.4)	38.7	(1.0)	37.7	(3.5)
7	11	52.1	(2.5)	39.2	(1.2)	40.9	(4.1)
8	14	52.0	(1.3)	38.4	(0.5)	39.0	(1.1)
9	5	51.5	(2.0)	39.3	(0.4)	40.5	(1.9)
10	10	51.8	(1.2)	40.1	(0.8)	42.5	(2.1)
11	14	49.4	(1.9)	38.8	(0.8)	37.9	(2.8)
12	12	47.0	(2.7)	36.3	(1.9)	31.9	(5.7)
13	6	46.2	(0.9)	36.9	(0.5)	32.0	(1.2)
14	9	51.3	(1.2)	38.3	(0.4)	38.4	(1.0)
Totals	14	203	49.9 (2.4)	38.5 (1.4)		38.0 (4.0)	

\*Linear measurements in mm; volume in cc.

One of the reasons for measuring eggs was to investigate the possibility of detecting dump nests by differences in egg sizes as suggested by Jones and Leopold (1967). While the eggs laid by a female will vary in size, there is usually less variation within clutches than between clutches (Romanoff and Romanoff 1949:66; Kendeigh 1975). However, it is possible that two females of the same genetic background, size, age, and physiological condition might lay eggs so similar they could not be separated by their measurements. We did not know the normal amount of intraclutch variation in Wood Ducks. Since we knew on the basis of clutch size that our study area had a high incidence of dump nests, we assumed it was possible for any of the clutches to have been produced by more than one female. Consequently, we used for a determination of intraclutch variation the 3 clutches from natural cavities reported by Dixon (1924). These had 7, 9, and 10 eggs, respectively; the eggs averaged 52.36 x 39.74 mm. Based on clutch size and the density of the population, each of these clutches was almost certainly laid by a single female. The standard deviation (SD) for the volume of each of these clutches is 0.52, 1.80, and 2.57. We assumed the maximum SD of a clutch laid by a single female is 2.60 and plotted our clutch size against volume SD (Figure 3). All of the clutches with 15 or more eggs had a SD greater than 2.60 as did smaller clutches.

FIGURE 3. Comparison of standard deviation of egg volume with clutch size in 14 sets of Wood Duck eggs. See text for explanation.



Based on clutch size, we would have described 6 of 14 clutches as dump nests while consideration of the variation in size indicates 9 of the 14 were probably dump nests. In some clutches the variation in egg size was obvious; for example Clutch-12 had 12 eggs, 10 of which ranged in volume from 28.21 cc to 30.81 cc. The other 2 eggs had volumes of 40.67 cc and 46.38 cc. Apparently this nest contained eggs laid by 3 different females.

#### SUMMARY

We studied nesting biology of Wood Ducks using nest boxes on an island in Kentucky Lake in Benton County, Tennessee, during 1981 and 1982. Fifty-seven clutches were laid in 1981 and 44 clutches were laid in 1982. Average clutch size was 13.7 in 1981 and 13.2 in 1982. Clutches ranged in size from 4-34. At least 19 (33%) of the clutches in 1981 were produced by more than 1 female laying in a nest (i.e., dump nests). In 1982, 11 (25%) of 44 clutches were dump nests. Normal nests averaged 8.9 eggs in 1981 and 10.7 eggs in 1982. Dump nests were produced only in the first half of the nesting season. The peak of clutch initiation was 23-29 March in 1982. We did not visit the island frequently enough in 1981 to accurately determine when most nests were initiated. At least 30 (31%) of the 101 nests were abandoned. Common Grackles nested in some of the boxes and, in addition, apparently destroyed 11 (25%) of the 44 Wood Duck nests in 1982. At 10 successful nests 104 (57%) of 184 eggs hatched with a smaller percentage



hatching from dump nests. Two hundred and three eggs in 14 clutches averaged 49.9 x 38.5 mm and 38.0 cc. Variations in egg sizes within clutches were used to detect some dump nests with less than 15 eggs.

#### ACKNOWLEDGMENTS

We would like to thank Jack Colwick and Jed Petit, both of TWRA, for suggestions, assistance, and loan of equipment.

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## AUTUMN HAWK FLIGHTS — 1983

LINDA J. FOWLER

Between 4 September and 5 November 1983, TOS members spent 237.5 hours watching hawks from their favorite lookouts and counted 10,382 hawks (Tables 1, 2). Although 90 fewer hours of observation were spent this year than last year, Broad-winged Hawk numbers well exceeded last year's numbers. Two unidentified eagles, a Golden Eagle and a Merlin, were the rarest species reported during the season.

Temperatures and precipitation for September were slightly below normal. The days of greatest precipitation were 13, 14 and 21 September for most East Tennessee weather stations.

The first Broad-winged Hawk flight exceeding 100 birds was seen on 15 September by Holly Overton from Look Rock in less than 2 hours of observation. Between 5 and 21 September, daily Broad-wing totals ranged from 0-197 birds. Following dropping temperatures and very windy weather on 20-21 September, a cold front finally pushed through Tennessee bringing with it the season's peak Broad-wing flights. The season's highest Broad-wing total came from Thorn Hill (Clinch Mountain) on 22 September (Table 2). Marcia Davis and I watched from this lookout from 0950 to 1850 hours. Broad-wings were already moving when we arrived, and continued to stream through all morning and early afternoon. However, between 1500 and 1800, 2,138 Broad-wings passed over our lookout with the largest kettle of 863 occurring at 1725. Most of these birds headed off in a southeasterly direction, towards Look Rock. Unfortunately Look Rock was not monitored during the late afternoon hours. For the 3 hours that Look Rock was monitored, 1100 to 1400, 357 Broad-wings were seen. While Thorn Hill was reporting high numbers of migrating Broad-wings, hawk activity at Mt. Roosevelt was very slow (16 Broad-wings in 6 hours).

Although many of the Broad-wings migrated down Clinch Mountain on 24 September, they seemed to follow a different route on 23 September. Paul Hartigan manned Thorn Hill from 0930 to 1800 on 23 September and only saw 330 Broad-wings. However, Paul Pardue counted 1,040 Broad-wings between 1000 and 1530 from Look Rock. More hawks were reported from Walden's Ridge on 23 September than the previous day. I was on Laurel Grove Firetower and saw 776 Broad-wings in 5 hours with the largest kettle of 170 birds passing over at 1350. J.B. Owen, 40 km southwest of me on Mt. Roosevelt, saw 228 Broad-wings from 1000 to 1600, with the majority passing through between noon and 1300. At Signal Point at the southern end of Walden's Ridge, James Patton saw 337 Broad-wings between 1115 and 1600 with 125 birds seen before noon.

The season's final Broad-wing peak was on 24 September. Look Rock reported 1,566 Broad-wings in 9 hours. Signal Point had 752 Broad-wings in 8 hours (this station's highest daily total). Thorn Hill was active between 1015 and 1415 but only saw 140 Broad-wings. Other stations active on this day reported fewer than 100 Broad-wings total. After 24 September no Broad-wing daily totals exceeded 100 birds. Between 1 October and 5 November a maximum of 2 Broad-wings were seen daily.

Most observers reported from 1-4 resident Red-tailed Hawks from their stations throughout the season. Many of these birds were judged to be residents because of their behavior (circling or flying up and down ridges). However, on 15

October, Ken Dubke saw 7 Red-tails from Signal Point believed to be migrants. The season's peak Red-tail numbers were reported between 27-30 October. On 27 October, Paul Hartigan saw 5 Red-tails from Thorn Hill. Paul Pardue reported 10 Red-tails over Look Rock on 29 October. However, the season's highest daily Red-tail count, of 21 birds, was reported from Look Rock on 30 October by Audrey Hoff. No Red-tails were reported from active stations after 30 October.

Only 8 Red-shouldered Hawks were reported for the 1983 season, which is lower than the previous 3 years' average of 23 but comparable to 1972-1979 when 4-9 Red-shoulders were reported annually.

Both Sharp-shinned and Cooper's Hawks were reported in lower numbers than last year, partially due to fewer observation hours. Throughout most of the season, up to 4 Sharp-shins were seen from lookouts daily. The highest daily Sharp-shin total was 9 birds on 15 October at Signal Point. Other high daily totals were 6 birds at Look Rock on 24 September and at Signal Point on 15 October. Only 12 Cooper's Hawks were reported this season with the highest daily total of 3 birds on 30 October at Look Rock. In 1982 and 1981, Cooper's Hawks totaled 31 and 30 birds, respectively.

Northern Harriers continued to be seen in low numbers from Tennessee lookouts. Of 14 total harriers reported, 8 of these were from Look Rock. The maximum daily total was 4 birds on 24 September at Look Rock seen by David Highbaugh.

Ospreys were seen in numbers similar to that of the past 10 years (7 birds/100 hours of observation). Over half of the 16 birds reported were seen from Look Rock. Audrey Hoff and David Highbaugh reported the highest daily total of 5 birds from Look Rock on 24 September.

A total of 16 American Kestrels was reported from Tennessee lookouts, slightly more than in previous years (1982-81-80, 11-11-7). The majority of these birds moved through between 17-25 September. A Merlin was seen by Holly Overton on 15 September at Look Rock. A Merlin was also reported from Mendota on 23 September. No Peregrine Falcons were reported from Tennessee lookouts this season. However, 2 Peregrines were seen from Mendota Firetower, Virginia, on 23 September.

The season's only eagles were seen on 29 October by Paul Pardue at Look Rock. Two unidentified eagles and one adult Golden Eagle were seen between 1100 and 1300.

Most lookouts reported from 1-21 resident Turkey Vultures during the season. Highest numbers of migrant Turkey Vultures were seen between 16 October - 2 November. Highest daily totals were reported from Thorn Hill (27 October, 165 birds) and Look Rock (29 October, 143 birds). Although not as commonly reported as Turkey Vultures, Black Vultures were seen in low numbers (mostly 7 birds or less) during the season. Highest daily totals were reported from Look Rock on 17 September (18 birds) and 30 October (33 birds).

TABLE 1. TENNESSEE AUTUMN HAWK FLIGHTS - 1983

Date	Location	Reporter (No. Observers)	Hours	TV	BV	SS	CH	RI	RS	BK	NH	OS	AK	Others	Total
09/04	Look Rock	A. Hoff (1)	1			1				1					2
09/09	Laurel Grove FT	L. Fowler (2)	2	3				1		2					6
09/10	Look Rock	A. Hoff (1)	3.5					1							1
09/11	Look Rock	A. Hoff (1)	4.5		1		1			3				1b, 1u	8
09/14	Look Rock	H. Overton (1)	2.3	11										3b	14
09/14	Mt. Rousev. FT	P. Pardue (1)	1.5	5						1	1				7
09/15	Thorn Hill	P. Hartigan (1)	5.9	7	4			3		64		1	1	1a, 3b, 4u	88
09/15	Look Rock	H. Overton (1)	1.8	1						127		1		1 Merlin	130
09/15	Laurel Grove FT	L. Fowler (2)	5	3	7	1		1	1	86				6b	105
09/16	Laurel Grove FT	L. Fowler (2)	3	1											1
09/16	Bon Air	S. Bell (2-3)	6								1				1
09/17	Bon Air	S. Bell (6-23)	9			1		4	1	49				2b	59
09/17	Kyles Ford FT	L. Fowler (2)	4	4	9			3		55	2	1		1b	72
09/17	Laurel Grove FT	M. Davis (2)	4.5	4					1	3				4b, 1u	13
09/17	Look Rock	A. Hoff (2-6)	6.5	14	19			3		71	2		1	3a, 7b	119
09/17	Signal Pt.	K. Dubke (1)	8	2	2	1				133					140
09/18	Bon Air	S. Bell (8-16)	8			1	1	2		98		1	1	4b	108
09/18	Laurel Grove FT	L. Fowler (3)	4	6				1	1	20		1		2a, 1b	32
09/18	Look Rock	A. Hoff (6-12)	7.1	21	6	1	2	2		197	1	1	3	1b, 2f, 1u	238
09/18	Signal Pt.	K. Dubke (1)	8.5			3				40			1		44
09/19	Signal Pt.	J. Patton (1)	2	1						23					24
09/22	Look Rock	H. Overton (1)	3	3		2				357					362
09/22	Mt. Rousev. FT	J. B. Owen (1)	6	2				2		16			2		22
09/22	Thorn Hill	L. Fowler (2)	9	13	3			2		2464	1	2		1f, 6u	2492
09/23	Thorn Hill	P. Hartigan (1)	8.5	17	5	2		2		330		1		3a, 3b, 6a	374
09/23	Look Rock	P. Pardue (2)	5.5	10	4	2		3	1	1040	1			7b, 1u	1069
09/23	Laurel Grove FT	L. Fowler (1-2)	5	3	3	4				776			1	2a	789
09/23	Signal Pt.	J. Patton (1)	4.3			1				337					338
09/23	Mt. Rousev. FT	J. B. Owen (1-3)	6	2				2		223					232
09/24	Look Rock	D. Highhaugh (1)	5.5	5	4	2		1		1023	4	3	1	10b	1053
09/24	Look Rock	A. Hoff (3-7)	9			6	1	4		1566		2	1	6a, 28b, 5u	1619
09/24	Holston Mt. FT	R. Knight (7)	3	1				1		48		1		2b	53
09/24	Mt. Rousev. FT	J. B. Owen (2-10)	4							76			1		77

Date	Location	Observer	4	6	3	140	156	3b,2u
09/24	Thorn Hill	L. Fowler (3)						
09/24	Signal Pt.	K. Dubke (1)	8	4		752		
09/25	Look Rock	A. Hoff (4-7)	4	3		97		3u
09/25	Signal Pt.	K. Dubke (1)	8,5		1	64	1	1
10/01	Signal Pt.	K. Dubke (1)	8	2	3			
10/01	Laurel Grove FT	L. Fowler (1)	2	4	5			7a
10/02	Look Rock	A. Hoff (1)	2			1		
10/02	Signal Pt.	K. Dubke (1)	8	6	2	2		
10/09	Laurel Grove FT	L. Fowler (1)	2	3				
10/15	Signal Pt.	K. Dubke (1)	8	1	9		1	
10/16	Look Rock	A. Hoff (1)	3	34	7			
10/27	Thorn Hill	P. Hartigan (1)	7,2	165	3			2a
10/29	Look Rock	P. Pardue (1)	4,5	143	1			6a,1u
10/30	Look Rock	A. Hoff (1-2)	4,5	62	33			2a,2E,1CE,
11/02	Thorn Hill	P. Pardue (1)	1	21	2			9a,4u
11/05	Look Rock	A. Hoff (1)	1,5	11				1u
15 days	Menota Pt., VA <sup>1</sup>	D. Puckette	83,0	21	72	101	30	128
						7	7,620	3
								6
								33
								460,RL,RE
								2FG,ML,9u
								7821
Total			237,5	599	122	65	12	95
								8
								9268
								14
								16
								16
								167
								10,382

<sup>1</sup>Not included in Tennessee totals.

TABLE 2. AUTUMN HAWK FLIGHTS AT SIX SELECTED TENNESSEE LOOKOUTS

Lookout	Days	Hours	BW high	TV	BV	SS	CH	RT	RS	BW	NH	OS	AK	U	Total
Look Rock	16	63.6	1566 (9/24)	319	74	20	7	44	3	3460	8	9	6	86	4036
Signal Pt	9	63.3	752 (9/24)	10	5	29	4	16	0	1351	2	0	2	0	1419
Laurel Grove FT	8	27.5	776 (9/23)	27	15	8	0	7	4	888	0	1	1	23	974
Thorn Hill	6	35.3	2464 (9/22)	229	20	6	0	14	0	2998	0	3	3	44	3317
Mt. Roosevelt FT	4	17.5	228 (9/23)	9	0	0	0	4	0	321	1	0	3	0	338
Bon Air	3	23	98 (9/18)	0	0	2	1	6	1	147	3	1	1	6	168

## KEY TO SPECIES ABBREVIATIONS IN TABLES

TV - Turkey Vulture; BV - Black Vulture; GO - Northern Goshawk; SS - Sharp-shinned Hawk; CH - Cooper's Hawk; RT - Red-tailed Hawk; RS - Red-shouldered Hawk; BW - Broad-winged Hawk; RL - Rough-legged Hawk; NH - Northern Harrier; OS - Osprey; AK - American Kestrel; E - unidentified eagle; BE - Bald Eagle; GE - Golden Eagle; PG - Peregrine Falcon; ML - Merlin; a - unidentified *Accipiter*; b - unidentified *Buteo*; u - unidentified raptor.

## LOOKOUTS

For a detailed description of lookout stations not described in this report, see *Migrant* 52:89-90, 1981; 53:62, 1982; 54:36-37, 1983.

*Holston Mountain FT* - This firetower is located at an elevation of 1,263 m (4,145 ft.) on Holston Mountain in Carter County, 19 km northeast of the town of Elizabethton (82°04'40"N, 36°27'27"W, Holston Valley, Tenn. 7.5 quad. USGS).

Rt. 4, Box 541, Valley Lane, Clinton, TN 37716. Accepted 8 November 1984.

## REQUEST FOR ASSISTANCE

OWL PELLETS WANTED — Drs. Paul W. Parmalee and Walter E. Klippel are interested in obtaining good series of pellets from Great Horned, Barred, and Common Barn-Owls. The pellets will be analyzed to determine the food habits of the owls, information which is very helpful in an ongoing study of bird and small mammal remains from a late Pleistocene/early Holocene cave deposit located along the Duck River, Maury Co., TN. This study has already resulted in publications in the *Auk* and the *Journal of Field Ornithology*.

Persons having access to series of pellets, such as from a nest site or winter roost, are asked to contact Dr. Parmalee at the Dept. of Anthropology, Univ. of Tennessee, Knoxville, TN 37996, ph. 615-974-2144 or 974-4408.

MEMBERSHIP LIST

DECEMBER, 1983

TENNESSEE ORNITHOLOGICAL  
SOCIETY

# MEMBERSHIP LIST

ABBOTT, Mrs. Carlton L., 214 N. Spring Street, Everett, PA 15537-1164	BRI	1954
ABERNATHY, Mrs. Frances, 1106 Gale Lane, Nashville, TN 37204	NASH	1966
ADAMS, M/M Carl E., 19 Whispering Pines Dr., Signal Mountain, TN 37377	CHAT	1982
**ADAMS, M/M Paul, P. O. Box 3175, Crab Orchard, TN 37723	KNOX	1957
ADAMS, Mrs. Wilton A., 4121 Towanda Tr., Knoxville, TN 37919	KNOX	1983
ALEXANDER, Mrs. David, 3326 Love Circle, Nashville, TN 37212	NASH	1978
ALLEN, Mrs. Brayson, 1409 Idlewild Avenue, Lebanon, TN 37087	SEL	1977
ALLEN, Mr. Joe D., Route 3, Box 296, Clarksville, TN 37043	TAL	1972
**ALSOP, Dr. Fred J., 111, 302 Evergreen St., Rt. 6, Church Hill, TN 37642	KING	1967
ALTON, Mr. Frank, 2000 Eastwood Ave., Kingsport, TN 37664	TAL	1982
ANDERSON, M/M Clyde D., 1412 McGavock Pike, Nashville, TN 37216	NASH	1963
ANDERSON, Mrs. Eldon, Box 3, Ellendale, TN 38029	MEM	1948
ANDERSON, Mr. Kenneth, Box 425, Williamsport, TN 38487	COL	1974
ANDERSON, Mrs. Laurence, 626 Debbie Dr., Hermitage, TN 37076	NASH	1979
ANDERSON, M/M Lloyd D., 510 Brady Point Rd., Signal Mountain, TN 37377	CHAT	1975
ANSLEY, Mrs. Jack, 5052 Lakeview Dr., Nashville, TN 37220	NASH	1979
ARMSTRONG, M/M Herbert, Rt. 6, Box 93, Jonesboro, TN 37659	HERN	1976
ARMSTRONG, M/M Marcus, 1118 Allen Ave., Knoxville, TN 37912	KNOX	1980
ASBURY, M/M J. H., Jr., 306 Massey Rd., Lookout Mountain, TN 37350	CHAT	1975
ASHLEY, Mrs. Joda, 206 Signal View St., Chattanooga, TN 37415	CHAT	1982
AUGUSTIN, M/M Anthony J., Route #2, Loretto, TN 38469	BR	1983
AUGUSTIN, Mrs. Karl, Box 246, Loretto, TN 38469	BR	1983
BADDOUR, Mrs. Frank, 203 West End Heights, Lebanon, TN 37087	SEL	1974
BAILEY, Ms. Betty T., 1402 Highcrest Drive, Hixson, TN 37343	CHAT	1983
BAILEY, M/M Joe, 3106 Old Cedar Cv., Memphis, TN 38119	MEM	1983
BAIN, Mrs. Robert L., 306 Castle Heights Avenue, Lebanon, TN 37087	SEL	1968
BAIRDEN, Mr. Frank, Rt. 2, Rising Fawn, GA 30738	CHAT	1973
BAKER, Duane E., 1415 Leafhaven Cv., Cordova, TN 38018	MEM	1981
BARNCLAY, Mr. Howard E., 112 Gorgas Ln., Oak Ridge, TN 37830	KNOX	1950
BARNWELL, M/M James R., 3308 Navajo Dr., Chattanooga, TN 37411	CHAT	1954
BARR, M/M T Stanley, Rt. 2, Box 475 A-1, Estill Springs, TN 37330	HR	1954
**BASHAM, Mr. Benton, P. O. Box 5, Ooltewah, TN 37363	CHAT	1960
BATES, M/M John, 623 Royal Oaks Pl., Nashville, TN 37205	NASH	1981
BAUMGARDNER, Miss Nita, 100 Netherland Lane Box 11, Kingsport, TN 37620	BRI	1973
BEAN, Dr./Mrs. William J., 3981 Cheryl Dr., Memphis, TN 38116	MEM	1978
BEAVER, M/M Gilbert, 553 Riley Rd., Hernando, MS 38632	MEM	1983
BECK, Ms. Dorothy, 408 Chesterfield, Nashville, TN 37212	NASH	1980
BEHREND, Mrs. Fred W., 10436 Oakmont Drive, Sun City, AZ 85351	HERN	1944
BELL, Mrs. William F., Sr., 4307 Glen Eden Drive, Nashville, TN 37205	NASH	1949
BENTON, Mrs. John K., Apartment 724 Park Manor 115 Woodmont Blvd., Nashville, TN 37205	NASH	1959
BERENS, Miss Violette, & Mrs. Raymond Gose 122 Edgewood Drive, Bristol, VA 24201	BRI	1975
BERNETT, Mrs. David, 4633 Villa Green Drive, Nashville, TN 37215	NASH	1978
BERRY, M/M Vernon C., Route 12 Box 137, Lebanon, TN 37087	SEL	1973
BIBLE, Martha, Rt. 1, Mosheim, TN 37818	GRE	1983
BIERLY, Mr. Micheal Lee, 3825 Bedford Avenue, Nashville, TN 37215	NASH	1963
BIGHAM, Mr. John T., 4171 Kenosha Rd., Memphis, MS 38118	MEM	1951
BILLS, M/M Frank, 5717 Neubert Springs Road, Knoxville, TN 37920	KNOX	1981
BINGHAM, M/M Ronald, Route B, Box 8726 Belmar Circle, Manchester, TN 37355	HR	1974
BINNS, Mrs. Douglas W., 105 Leake Avenue, Apt. 2205, Nashville, TN 37205	NASH	1966
BIRELEY, Mrs. Catherine Hawkins, Rt. 7, Box 336, Johnson City, TN 37601	HERN	1977
BIVENS, Sandra, 3504 General Bates Drive, Nashville, TN 37204	NASH	1980
BLACK, Mrs. Gladys, 608 DeWitt St., Pleasantville, IA 50225	CORR	1979
BLOODWORTH, Mrs. Frank, 208 West End Heights, Lebanon, TN 37087	SEL	1969
BLUNK, Mr. Donald W., Route 2, Box 284-C, Dover, TN 37058	TAL	1983
BONNELL, Mr. Joel D., Jr. 2031 Crossgate, Dyersburg, TN 38024	MEM	1982
BOSTICK, Sharon, P. O. Box 12211, Knoxville, TN 37912	KNOX	1981
BOULTON, Mrs. George, 316 West Main Street, Lebanon, TN 37087	SEL	1952
BOYD, M/M James P., 501 Randolph Street, Bristol, VA 24201	BRI	1980
BOYERS, Mrs. Thomas, 1070 Spencer Street, Gallatin, TN 37066	NASH	1952
BOYLES, Mrs. Katherine K., Rt. 9, Box 43, Ringgold, GA 30736	CHAT	1982
BOYLES, M/M William, 202 Bass Rd., Chattanooga, TN 37421	CHAT	1982
BOYS, Ruth, 6507 Westland Dr., Knoxville, TN 37919	KNOX	1982
BRADFORD, M/M Mark, Jr., Royal Oaks Tower Apt. 71-E 4505 Harding Road, Nashville, TN 37205	NASH	1957
BRADSHAW, M/M Paul C., P. O. Box 21592, Chattanooga, TN 37421	CHAT	1978
BRANHAM, M/M Glenn, Rt. 1, Box 270-A, Manchester, TN 37355	HR	1983
BRIDGEMAN, Jane, 811 Brookhollow Road, Nashville, TN 37205	NASH	1983
BRITT, Sylvia N., 123 Avalon Tr., Knoxville, TN 37920	KNOX	1979
BRITTON, Mrs. Orland, & Ben Britton, Rt. 3, Box 219, Greeneville, TN 37743	GRE	1983



BROEMEL, Mrs. Catherine Gray, 3517 Drestridge Dr., Nashville, TN 37204	NASH	1980
BROMLEY, Ms. Edith S., 8012 Savannah Lane N.W., Goltewah, TN 37362	CHAT	1980
BROSTER, M/M Roy, Route 1 198 Rainbow Drive, Tullahoma, TN 37388	NASH	1972
BROWN, Mrs. Aileen F., 2500 Ridgcrest Dr., Chattanooga, TN 37406	CHAT	1983
BROWN, Mr. Claude W., 3731 Charleston Square, Memphis, TN 38122	MEM	1980
BROWN, M/M Elmo H., 3917 S. Mission Oaks Drive, Chattanooga, TN 37412	CHAT	1977
BROWN, M/M James C., 921 Love Lane, Hixsonnooga, TN 37343	CHAT	1983
BROWN, Miss Winnifred E., 1436 Agaveia Avenue, Apt. K, Knoxville, TN 37919	KNOX	1969
BROWNE, Mr. Robert Lee, 245 Wagner Place, Suite 340, Memphis, TN 38103	MEM	1977
BROWNING, M/M J. C., 324 Carter Blvd., Elizabethton, TN 37643	HERN	1944
BRYANT, M/M David, Rt. 3, Box 366, Greeneville, TN 37743	GRE	1979
BRYSON, M/M Hoyte, Box 96, Woodbury, TN 37190	NASH	1965
**BUCHANAN, Mr. Denny N., 722 Sampson, Dyersburg, TN 38024	TAL	1969
BULLARD, M/M Ralph T., Jr., 6159 Ridge Way, Douglasville, GA 30135	CHAT	1960
BULLOCK, M/M William O., 4746 Cole Rd., Memphis, TN 38117	MEM	1977
BUMEL, M/M Ed, 311 Dellwood Dr., Lebanon, TN 37087	SEL	1982
BURKHARDT, Dr. John M., 1125 Snowden, Knoxville, TN 37912	KNOX	1981
BURKHART, M/M Patrick, 609 Eastwood Dr., Maryville, TN 37801	KNOX	1979
BURR, Mr. Griffith C., Jr. 4828 Shady Grove Rd., Memphis, TN 38117	MEM	1980
BUTLER, M/M Dean, 306 Oak Park Drive, Tullahoma, TN 37388	HR	1974
*BUTLER, Mrs. Mary L., 3212 Westonia Dr., Chattanooga, TN 37412	CHAT	1981
BYASSEE, M/M Ed, Rt. 2, Columbia, TN 38401	COL	1974
CAMERON, M/M Douglas W., SPD 1269, Sevanee, TN 37375	CHAT	1982
CAMPBELL, Mrs. Archie, 630 Carter Street, Bristol, VA 24201	BK1	1979
CAMPBELL, M/M Carl W., Jr., Rt. 1, Box 95-A, Birchwood, TN 37308	CHAT	1980
*CAMPBELL, M/M James M., 124 Dana Dr., Oak Ridge, TN 37830	KNOX	1962
CANNON, Melissa, 4425 Westlawn Drive Apt. B - 205, Nashville, TN 37209	SEL	1983
CANTRELL, Mrs. James M., 623 N. Tennessee Blvd., Murfreesboro, TN 37130	MURF	1973
CANTWELL, Judge & Mrs. J. L., 1724 Red Bud Lane, Bristol, VA 24201	BRI	1960
**CARNEY, Mr. Frederick T., 1914 Overton Park Ave., Memphis, TN 38112	MEM	1934
CARPENTER, M/M Edward L., P.O.Box 9900, Little Rock, AR 72219	MEM	1960
CARRUTHERS, M/M Douglas, Rt. 1, Box 197A, Greeneville, TN 37743	GRE	1983
*CARTWRIGHT, Mrs. James B., 4533 Park Ave., Memphis, TN 38117	MEM	1973
*CASEY, Mr. Robert, 1533 Wanda, Memphis, TN 38111	MEM	1981
CASH, Mrs. Louise J., 1011 E. Dallas Rd., Chattanooga, TN 37405	CHAT	1982
CASON, M/M Will, 846 Brower St., Memphis, TN 38111	MEM	1978
**CASTLES, Miss Ruth, McKendree Manor Towers, 4343 Lebanon Road, Hermitage, TN 37076	NASH	1952
CHASTAIN, M/M Jim L., 261 Hospital Rd., Canton, GA 30114	CHAT	1983
Chattanooga Nature Center, Rt. 4, Garden Rd., Chattanooga, TN 37409	CHAT	1980
CHICKERING, Dr. Joanne, 3607 Cowden Ave., Memphis, TN 38111	MEM	1978
CHITWOOD, Dr. Howard, Rt. 3, Box 174, Jefferson City, TN 37760	KNOX	1975
CHRISTZBERG, Mrs. James, 1715 Elrod, Murfreesboro, TN 37130	MURF	1971
CHRISTIAN, Mr. Wales, 9208 River Oaks Rd., Harrison, TN 37341	CHAT	1983
CLAIBORNE, Mrs. Barbara T., Route 5, Box 695, Chattanooga, TN 37405	CHAT	1982
CLARK, Miss Beulah, Route 14, Box 257, Cookeville, TN 38501	UC	1958
*CLARK, M/M Cecil J., 1910 Avalon Ave., Chattanooga, TN 37415	CHAT	1973
CLARK, M/M E. Jack, 3390 Austinwood Drive, Memphis, TN 38118	MEM	1975
CLAYTON, M/M Lloyd, RFD #4, Box 175A, Lawrenceburg, TN 38464	BR	1969
CLECKLEY, M/M J. E., P. O. Box 632, Tullahoma, TN 37388	HR	1979
CLEVELAND, Mrs. Raymond, Route 5, Box 65 Nashville Pike, Lebanon, TN 37087	SEL	1974
CLINE, M/M Randall, 5312 Yosemite Tr., Knoxville, TN 37919	KNOX	1981
COBB, Mrs. David A., Route 8 Tea Rose Terrace, Brentwood, TN 37027	NASH	1978
**COFFEY, Mr. Ben B., Jr., 672 Belvedere, Memphis, TN 38107	MEM	1926
**COFFEY, Mrs. Ben B., Jr., 672 N. Belvedere, Memphis, TN 38107	MEM	1931
COFFEY, M/M J. Wallace, 521 Cedar Valley Road, Bristol, TN 37620	BRI	1959
COKE, Mrs. Mary S., 3631 Valley Vista Road, Nashville, TN 37205	NASH	1981
COLLINS, Elizabeth C., 4400 Belmont Park Terrace #110, Nashville, TN 37215	NASH	1981
COLLINS, Dr. & Mrs. John R., 2907 East Brow Rd., Signal Mountain, TN 37377	CHAT	1970
COLLINS, Margaret, 1000 Highland Dr., Knoxville, TN 37912	KNOX	1983
COLTEN, Lee, Cedar Creek Learning Center, Rt. 4, Greeneville, TN 37743	GRE	1983
CONDOR, M/M John R., P. D. Box 443, Camden, TN 38320	TAL	1959
COOP, Mr. Charles F., 5102 East Shore Dr., Memphis, TN 38109	MEM	1974
COOPER, M/M Brainard, Jr., 176 Ridge Ave. Chattanooga, TN 37404	CHAT	1978
COOPER, M/M James D., 3759 Turley Drive, Nashville, TN 37211	NASH	1978
CORRELL, Opal T., 901 Meadow Lane, #5, Manchester, TN 37355	HR	1983
COUCH, Mrs. Clay, Sr., 105 S. Tarver Avenue, Lebanon, TN 37087	SEL	1959
COUNCE, Mr. Howard A., 1469 Whiting St., Memphis, TN 38117	MEM	1937
COWARD, Dr. & Mrs. Sam B., Jr., P. O. Box 49456, Algood, TN 38501	TAL	1974
*COX, Dr./Mrs. Clair E., 11, 6011 Sweetbrier Cv., Memphis, TN 38119	MEM	1980
COZART, Mrs. Dorothy Draughon, 4401 Scenic Drive, Nashville, TN 37204	NASH	1968
COZY, Dr. Helen B., 752 Darden Place, Nashville, TN 37205	NASH	1978
CRAWFORD, Mrs. Cowan, Route 9, Box 307, Lebanon, TN 37097	SEL	1979
CRAWFORD, Mrs. Elizabeth, Parkes St. 227, Lawrenceburg, TN 38464	BR	1972
CRAWFORD, M/M Paul, Route 4, Gallatin Drive, TN 37066	NASH	1967

*CRAWFORD, Cpt. Robert L., 542dn ORD DET (EODCC), Fort Dix, NJ 08640	CHAT	1981
CREECH, Miss Annalja, 2825 Kenway Road, Nashville, TN 37215	NASH	1958
CRENSHAW, Camille, & Maxey Irwin, 865 Bellevue Rd., C-9, Nashville, TN 37043	NASH	1983
CRISWELL, Mr. William G., Route 4, Box 206, Dyersburg, TN 38024	TAL	1977
CROFT, Mr. Joseph E., Ravenscroft, Rt. 2, Box 565, Scottsville, VA 24590	CDRR	1956
CROSSMAN, M/M Lorne, 1870 West Broad, Cookeville, TN 38501	UC	1983
CROWDER, Mrs. Emery, Rt. 5, Box 114, Lawrenceburg, TN 38464	BR	1972
CUMMINS, Catherine, 258 DeLee Drive, Kingsport, TN 37663	TAL	1983
*CURRIE, Michele, 405 Taliva Dr., Knoxville, TN 37920	KNOX	1983
CYPERT, M/M Eugene, 1006 Darling Ave., Waycross, GA 31501	CDRR	1945
D'APOLITO, M/M Thomas, Chestnut Hill Villa, 721 New Due West Ave., Apt. H-102, Madison, TN 37115	NASH	1980
DAILY, Mrs. Dollyann, 701 Stevens, Memphis, TN 38116	MEM	1977
DARDEN, Mr. W. G., Box 2237, Hohenwald, TN 38462	TAL	1966
DARLINGTON, Dr. Julian T., 3112 Glenfinnan Rd., Memphis, TN 38128	MEM	1965
DARR, Mr. Edward, 301 Clegg Rd., Walden, TN 37377	CHAT	1983
DAVANT, Miss Mary, 861 N. McLean Blvd., Memphis, TN 38107	MEM	1929
DAVENPORT, Jane, 103 Versailles Apartments, 3000 Hillsboro Road, Nashville, TN 37215	NASH	1983
DAVIDSON, Ms. Kathy, 512 Acorn Court, Chattanooga, TN 37415	CHAT	1980
DAVIS, Ms. Angela, 1715 Skyline Dr., Chattanooga, TN 37421	CHAT	1981
*DAVIS, Marcia, 4154 Jomandowa Ln., Knoxville, TN 37919	KNOX	1976
DeBOLD, M/M Rowan, 756 Georgetown Drive, Nashville, TN 37205	NASH	1983
DeFOE, Mr. Donald H., Great Smoky Mountain National Park, Route 2, Box 322, Gatlingburg, TN 37738	KNOX	1964
DENNY, Mrs. Eddie, 308 Eastland Drive, Lebanon, TN 37087	SEL	1979
DENSFORD, Mr. Jonathon T., 3256 Ancroft Cv., Memphis, TN 38128	MEM	1981
DETLEFSEN, M/M Fred, 204 West End Heights, Lebanon, TN 37087	SEL	1980
*DEVORE, Mr. Jon E., 3499 Graceland Drive # 3, Memphis, TN 38116	TAL	1966
DICKERSON, M/M D. K., 3862 Conahaney Trail, Chattanooga, TN 37406	CHAT	1974
DICKSON, James L., 1209 Holly Hill Dr., Franklin, TN 37064	NASH	1980
DILLENBECK, Mrs. Harold L., Rt. 19, Box 253, Johnson City, TN 37601	HERN	1964
**DINKELSPIEL, Mrs. Henry, 6519 Massey Lane, Memphis, TN 38119	MEM	1957
DINGMORE, Mr. Michael, 123-D Jarnan Hollow Road, Palsyra, TN 37142	TAL	1973
DOAK, Miss Ruby, 604 Holston Drive, Gatlingburg, TN 37738	TAL	1957
DORSEY, Ms. Marian R., 408 Chesterfield, Nashville, TN 37212	NASH	1980
DOUGHERTY, M/M Joseph, 1305 Lone Oak Circle, Nashville, TN 37215	NASH	1982
DOUGLAS, Gayle, 923 S. Willow Blvd., Nashville, TN 37215	NASH	1983
DOUGLASS, M/M Zebuson, Wilson County Courthouse Election Commission, Lebanon, TN 37087	SEL	1983
DOVE, Mrs. George, 1801 Seminole Dr., Johnson City, TN 37601	HERN	1966
DOWDY, Mrs. Duentin B., 3630 Sharpe Ave., Memphis, TN 38111	MEM	1967
DOYAL, Mr. John P., 200 Hillcrest Ave., Chattanooga, TN 37411	CHAT	1982
DOYLE, M/M Randall L., 207 Greenleaf St., Chattanooga, TN 37415	CHAT	1982
DREWRY, M/M Jerry, 4444 Dowdy Dr., Antioch, TN 37013	NASH	1983
**DUBKE, Mr. Kenneth H., 8139 Roy Lane, Doltewah, TN 37363	CHAT	1957
**DUBKE, Mrs. Lillian, 8139 Roy Lane, Doltewah, TN 37363	CHAT	1970
*DUCHEIN, Miss Annette, 8 Bayview Cir., Ocean Springs, MS 39564	CDRR	1961
DUGGER, Mrs. Milbrey, 2835 Kenway Rd., Nashville, TN 37215	NASH	1958
DUNCAN, Christina L., 5088 New Castle Rd., Memphis, TN 38117	MEM	1983
DUNCAN, M/M Hickman, 5406 Hill Road Circle, Nashville, TN 37220	NASH	1978
DUNCAN, Sandra, 3800 West End, Apt. 2, Nashville, TN 37205	NASH	1982
DUNN, Clifton, 1400 Hildreth Drive, Nashville, TN 37215	NASH	1983
EAGER, Mr. Dan, 2715 Westwood Avenue, Nashville, TN 37212	NASH	1982
EARLY, M/M William, Hidden Lakes Estates, Columbia, TN 38401	COL	1980
EARNEST, Mrs. Charles E., 101 Old Indian Hill Trail, Greeneville, TN 37743	BRE	1973
ERBAUGH, Evan, P. O. Box 381, Collegedale, TN 37315	CHAT	1983
EGLEY, M/M Bill, Rt. 3, Lawrenceburg, TN 38464	BR	1972
EJLOR, M/M John, Rt. 11, Box 178, Gray, TN 37615	TAL	1976
ELLER, Mr. Glen D., Rt. 3 Grandview Terrace, Elizabethton, TN 37643	HERN	1956
ELLIS, M/M John D., 4004 Overbrook Drive, Nashville, TN 37204	NASH	1960
ELMORE, M/M Jackie B., Rt. 1, Box 314A, Eubank, KY 42567	CDRR	1982
EMBURY, M/M John H., 212 North McLean Blvd., Memphis, TN 38112	MEM	1929 - 1961
ENDRES, M/M Robert O., 3710 Northwood Drive, Memphis, TN 38111	MEM	1983
ENGLISH, Mr. Robert C., 4505 Glendale Place, Nashville, TN 37215	NASH	1983
EPPERSON, Mrs. H. C., 519 Maryland Avenue, Bristol, TN 37620	BRI	1952
EPPS, Mrs. Ruth, 211 Haven Cir., Columbia, TN 38401	COL	1980
ERWIN, M/M Billy H., Jr. Rt. 2, Box 317, Murfreesboro, TN 37130	MURF	1973
ETHRIDGE, Mr. John J., Capitol Towers Apartment B03, Nashville, TN 37219-1209	NASH	1983
EVANS, Frances, 2518 Lebanon Road, Nashville, TN 37214	NASH	1983
EVANS, Dr. & Mrs. Hillis F., 421 Menees Lane, Madison, TN 37115	NASH	1980 - 1976
FARRELL, Dr. & Mrs. Charles E., 109 S. Bellevue Drive, Nashville, TN 37205	NASH	1954

FARRIS, Mrs. Carter M., Route 2, Rome Pike, Lebanon, TN 37087	SEL	1964
FARRIS, Miss Rachael, 4911 Sewanee Road, Nashville, TN 37220	NASH	1981
FARTHING, M/M Harry H., 100 Sherwood Heights, Elizabethton, TN 37643	HERN	1957
FARVER, Mr. Richard, 546 Duendale Drive, Antioch, TN 37013	NASH	1983
FAY, Ms. Karen L., 100 Dorah Lane #18, Chattanooga, TN 37412	CHAT	1983
FELDMAN, Dr./Mrs. Jesse, 7148 Devine, Bartlett, TN 38134	MEM	1976
FENN, Mrs. Edith W., 100 Northgate Park # 302, Chattanooga, TN 37415	CHAT	1958
FERGUSON, M/M James A., 3090 Joslyn St., Bartlett, TN 38128	MEM	1975
FILLEY, Dr. & Mrs. John, 1501 Murfreesboro Road #2, Nashville, TN 37210	NASH	1981
FINCH, Dr. & Mrs. William C., 6024 Sherwood Drive, Nashville, TN 37215	NASH	1967
*FINNEY, M/M James, 5213 Whitehouse Rd., Knoxville, TN 37919	KNOX	1981
FINTEL, M/M William A., 6 Point Circle Road 4, Lewes, DE 19958	NASH	1972
**FINUCANE, Marion, 1434 Watauga St., Kingsport, TN 37660	KING	1981
*FINUCANE, Mr. T. W., 1434 Watauga St., Kingsport, TN 37660	KING	1945
FISHEL, Mrs. Frances W., 908 Imperial House, Nashville, TN 37205	NASH	1977
*FISHER, M/M Frank L., Box 1201, Morristown, TN 37814	KNOX	1971
FLEISCHER, M/M Raymond J., 708 Newberry Road, Nashville, TN 37205	NASH	1976
FLEMING, Mrs. Gertrude L., P. O. Box 613, Collegedale, TN 37315	CHAT	1973
FLOYD, Mr. Robert, 11524 Nassau, Knoxville, TN 37922	KNOX	1983
FORD, Mr. Robert P., 821 Volunteer Blvd., Knoxville, TN 37916	KNOX	1981
*FORESTA, Mr. Ronald A., & Sally M. Mirick, 7505 Deane Hill Dr., Knoxville, TN 37919	KNOX	1982
FORT, M/M Combs, & Mr. Lawson Fort 1040 Parkwood Terrace, Nashville, TN 37220	NASH	1970
FORT, M/M John, 742 Breelyn Road, Nashville, TN 37205	NASH	1981
FOSTER, M/M J. P., 5817 Fredericksburg Drive, Nashville, TN 37215	NASH	1966
FOSTER, Katherine H., Route 28, Smallan Road, Knoxville, TN 37920	KNOX	1976
FOUCH, M/M David, P. O. Box 1184, Lebanon, TN 37087	SEL	1983
FOWLER, Jo Ann, 551 Mellen Rd., Knoxville, TN 37919	KNOX	1983
FOWLER, Mrs. Linda, Rt. 4, Box 541 Valley Lane, Clinton, TN 37716	KNOX	1979
FOWLER, M/M William B., Jr., 4564 Willow Rd., Memphis, TN 38119	MEM	1978
FRANK, Miss Harriette, 3767 Highland Park Place, Memphis, TN 38111	MEM	1974
FRANKLIN, M/M Don, Rt. B, Box 8872, Manchester, TN 37355	HR	1982
FRANKUM, Dr. Charles, 44 Goodwyn, Memphis, TN 38111	MEM	1982
**FREEMAN, Mr. George, 2814 Oakland Avenue, Nashville, TN 37212	TAL	1975
FREEMAN, Dr. & Mrs. John R., 3116 North Lockwood Dr., Chattanooga, TN 37415	CHAT	1974
FRENCH, Elizabeth, 36 Ridgeview Drive, Chickasaw, AL 36611	KNOX	1954
FREYE, Mr. J. D., 852 Arden Way, Signal Mountain, TN 37377	CHAT	1983
FULKS, Martha, 3825 Bedford Ave., Nashville, TN 37215	NASH	1983
FULLER, M/M Earl J., 5480 S. Angela Lane, Memphis, TN 38119	MEM	1960
FULLER, M/M H. W., 710 Forest Heights Dr., Knoxville, TN 37919	KNOX	1981
FULTS, Ms. Frances, Box 404, Monteagle, TN 37356	HR	1982
FUNK, Mr. John F., 7216 Afton Dr., Knoxville, TN 37918	KNOX	1980
FUNKHOUSER, Elizabeth, 818 Morningside Apt. 5, Johnson City, TN 37601	HERN	1983
FUQUA, Dr. & Mrs. W. G., Rt. 7, Pulaski Pike, Columbia, TN 38401	COL	1962
GADDIS, Mrs. Eleanor M., 209 W. Vanderbilt Dr., Oak Ridge, TN 37830	KNOX	1978
GAITHER, Ms. Gail & Nora, 5941 Poplar Pike Ext. #12, Memphis, TN 38119	MEM	1979
GARCELON, Mr. Merrill, 5488 Poplar Avenue, Apt. #3, Memphis, TN 38119	MEM	1965
GARRETT, Mrs. Robert, 1625 Highland Ave., Columbia, TN 38401	COL	1974
GASTON, Mrs. Emmett L., 109 Oak Hill Circle, Lebanon, TN 37087	SEL	1957
GATES, Miss Virginia, 3089 Waynoka Ave, Apt.3, Memphis, TN 38111	MEM	1977
GAUT, M/M William King, Rt. 8, Box 362, Greeneville, TN 37743	GRE	1962
*GEISSLER, M/M William, Rt. 6, Box 79, Manchester Rd., Murfreesboro, TN 37130	MURF	1982
GEREN, Miss Genevieve, 475 S. Perkins, #108, Memphis, TN 38117	MEM	1944
GILBERT, Miss Susan H., 110 South Crest Rd., Chattanooga, TN 37404	CHAT	1982
GILLAND, M/M Jim, 5412 Heritage Lane, Kingsport, TN 37664	KING	1978
GILMER, Mr. James M., Jr., & Brice GILMER 957 Bluff View Dr., Knoxville, TN 37919	KNOX	1978
GLADDYS, M/M Paul, 1026 Dverton Lea, Nashville, TN 37220	NASH	1983
GLEAVES, M/M Edwin, 212 Boxwood Dr., Franklin, TN 37064	NASH	1982
GOFORTH, M/M Douglas, Box 405, Monteagle, TN 37356	HR	1982
GOINS, Mrs. Lee Roy, Route 2, Box 101, Dunlap, TN 37327	CHAT	1982
GOOCH, M/M Robert D., Jr., 2900 Garden Lane, Memphis, TN 38111	MEM	1973
GOODIN, Mrs. John, 1300 Virginia, Johnson City, TN 37601	HERN	1973
*GOODPASTURE, M/M Henry, 3800 Whitland Ave., Nashville, TN 37205	NASH	1966
*GOODPASTURE, Dr. Katherine, 3407 Hopkins Lane, Nashville, TN 37215	NASH	1941
GORE, M/M Charlie, 2505 Blair Blvd., Nashville, TN 37212	NASH	1982
GOVE, Dr. Doris, 4204 Talliluna, Knoxville, TN 37919	KNOX	1980
BRANTHAM, Louise, 3716 Bakertown Rd., Nashville, TN 37211	NASH	1982
GRAVES, M/M James H., Botany Department University of Georgia, Athens, GA 30602	CONF	1979
*GRAY, Dr. & Mrs. Dan R., 5004 Mt. Pleasant Pike, Columbia, TN 38401	COL	1962
*GREEN, Martha E., 4507 Belmont Park Terrace, Nashville, TN 37215	NASH	1980

GREENE, Mrs. Sarah, Meadowview Apts. G-12 801 Del Rio Pikee., Franklin, TN 37064-2114	NASH	1929
GREENE, Miss Mary Elizabeth, 324 Park Street, Bristol, VA 24201	BRI	1973
GREEVER, Dr./Mrs. C. E., 1615 Old Lascassas Rd., Murfreesboro, TN 37130	MURF	1970
GRIESMAN, Mr. Alex, Rt. 3, Box 371, Dayton, TN 37321	CHAT	1978
GRIFFIN, M/M Dewey, Rt.7, Concord Rd., Brentwood, TN 37027	NASH	1981
GRIFFITH, Mr. J. E., 4320 Skyline Dr., Knoxville, TN 37914	KNOX	1971
GRIGGS, M/M Glenn, 114 Guard Dr., Lawrenceburg, TN 39464	BR	1978
GRIGSBY, Betty Jane, 1766 Central, Memphis, TN 38104	MEM	1981
GRINES, Mr. Samuel A., 4627 Peachtree Cir. Ea., Jacksonville, FL 32207	CORR	1962
GRIMM, M/M Billy C., 5490 Benna Cove, Memphis, TN 38119	MEM	1967
GROSS, Dorothy S., 5126 Sequoia, Memphis, TN 38117	MEM	1980
GRUNDESET, M/M Edgar O., Box 465, Collegedale, TN 37315	CHAT	1981
*GUINN, M/M Joe B., 8382 Davenport Cove, Germantown, TN 38138	MEM	1975
GUSCHKE, M/M Thomas, 113 Taggart Ave., Nashville, TN 37205	NASH	1978
GUTRIDGE, Mrs. W. A., 233 University Ave., Lebanon, TN 37087	SEL	1979
HALE, M/M Bert D., Route 1, Bluff City, TN 37618	BRI	1977
HALE, Mr. Kenneth, Rt. 2, Box 218, Saltville, VA 24370	CORR	1972
HALL, Dr. George A., Dept. of Chemistry West Virginia University, Morgantown, WV 26506	CORR	1962
HALL, Mr. Gordon, Route 4 McCubbins Road, Knoxville, TN 37914	TAL	1979
HALTERLINE, M/M Anthony J., 1919 Bartway Drive, Murfreesboro, TN 37130	SEL	1983
HALVERSTADT, M/M Jim, Arden Place Condominiums, #211, 4400 Belmont Park Terr., Nashville, TN 37215	NASH	1980
HAMMER, M/M Don, 1270 Orchard Rd., Norris, TN 37828	KNOX	1981
HAMMITT, Rebecca, & Stephen Satterfield, Route 1, Box 312, Luttrell, TN 37779	KNOX	1983
HAMMONDS, M/M R. Glenn, 4204 Estes Road, Nashville, TN 37215	NASH	1983
HAMPTON, Dr. & Mrs. John C., Healing Bluff Rd., Chattanooga, TN 37419	CHAT	1983
HANCOCK, Mr. James W., Rt. 1, Box 49 Princeton Rd., Madisonville, KY 42431	CORR	1:46
HANDEL, M/M Stephen, 3620 Woodlawn School Rd., Knoxville, TN 37920	KNOX	1978
HANEBRINK, Dr. Earl L., Box 67, Arkansas State University, State University, AR 72467	CORR	1968
HANEY, Mr. J. Christopher, Box 15332, Savannah, GA 31416	CHAT	1981
HANKINS, Mr. David, Rt. 1, Box 1392, Heiskell, TN 37754	KNOX	1981
**HANNABASS, Mr. H. Hayden, 1733 Orchard Court, Kingsport, TN 37660	TAL	1976
HANSON, Mr. Newton, 1301 Highland Dr., Newport, AR 72112	CORR	1941
HANSON, Mr. Thomas L., 22 West 34th Street Keiffton, Reading, PA 19606	KNOX	1983
HARDISON, Miss Louise, 1801 Highland Ave., Columbia, TN 38401	COL	1974
HARPER, Mr. James Marvin, 305 Crestwood Drive, Tullahoma, TN 37388	HR	1979
*HARPER, Mrs. Marjory B., 305 Crestwood Drive, Tullahoma, TN 37388	HR	1979
HARRIS, Barbara, 2225 Pinewood Rd., Nashville, TN 37216	NASH	1978
HARRIS, M/M Jack, 3219 Avoca Road, Bristol, TN 37620	BRI	1983
HARRIS, Mr. Paul C., 4519 Cloverdale Loop, Hixson, TN 37343	CHAT	1982
HARRIS, M/M Ray F., 7514 Savannah Dr., Doltewah, TN 37363	CHAT	1980
*HARRIS, Dr. & Mrs. Robert W., 111 3811 Talliluna Ave., Knoxville, TN 37919	KNOX	1972
HARRIS, Mr. Van, 435 N. McNeil St., Memphis, TN 38112	MEM	1974
HARSTON, Mr. Thomas N., 3101 Country Meadows Road, Antioch, TN 37013	NASH	1977
HARTIGAN, Mr. Paul D., 200 Hermitage Rd., Knoxville, TN 37920	KNOX	1978
HARTMAN, Mr. Gary, 432 Guess Circle, Chattanooga, TN 37415	CHAT	1980
HASBROUCH, Mr. Charlie, Rt. 17, Rock Spring Rd. Box 83, Kingsport, TN 37664	KING	1981
HASSLER, M/M John D., Route 1, Box 164-A, Byrdstown, TN 38549	TAL	1967
HATCHER, Mr. Robert M., 324 Leopold Rd., Nashville, TN 37211	NASH	1979
HAWKS, Mr. Graham, & Mrs. Louie MANN 502 Signal Mountain Blvd., Signal Mountain, TN 37377	CHAT	1983
HAWLEY, Paula B., 510 Commerce St., Loudon, TN 37774	KNOX	1983
*HAYES, Mrs. J. Mitchell, Route 6, Box 219 Pope Lane, Dickson, TN 37055	NASH	1963
HAYNES, M/M W. D., 1014 N. Maple St., Murfreesboro, TN 37130	MURF	1970
HEADRICK, Mrs. W. Vernon, 90 Woodgate Rd., Ringgold, GA 30736	CHAT	1983
*HEERDT, M/M Mark, 1018 Stonewall Dr., Nashville, TN 37220	NASH	1983
HEGLER, M/M Richard, 131 E. Highland Rd., Johnson City, TN 37601	HERN	1981
HEILMAN, Annie, 429 Rivermont Drive, Clarksville, TN 37043	NASH	1983
HEINTZ, Dr./Mrs. Richard, 2171 Cordes Rd., Germantown, TN 38138	MEM	1981
HENDERSON, Mr. Cary R., Route 1, Box 378, White House, TN 37188	TAL	1981
HENDRICKS, Sheila Y., 2830 Azalea Pl., Nashville, TN 37204	NASH	1979
HENRY, Mr. Earl D., Jr., 4487 Post Place, #145, Nashville, TN 37205	NASH	1967
*HERBERT, M/M John S., Rabbit Hill Route 5, Ashland City, TN 37015	NASH	1960
HERNDON, Mrs. Lee R., 500-C West F Street, Elizabethton, TN 37643	HERN	1944
HETTISH, M/M J. Robert, 1018 Lawndale Dr., Murfreesboro, TN 37130	MURF	1967
HETZLER, M/M W. Fred, 4600 Wilson Rd., Signal Mountain, TN 37377	CHAT	1975
HIGGS, Dr. James G., 91 Channing Way, Jackson, TN 38301	MEM	1979

HIGHBAUGH, Mr. David B., 5424 Bluefield Rd., Knoxville, TN 37921	KNOX	1980
HILTON, Miss Esther A., 322 Park Street, Bristol, VA 24201	BRI	1950
HITE, Mrs. Violet W., Box 114, Woodbury, TN 37190	NASH	1978
HIXON, Mr. Frank, 9600 Golf Lakes Tr. #2006, Dallas, TX 75231-5018	CHAT	1980
*HOFF, M/M Ronald H., 2725 Nickle Rd., Knoxville, TN 37921	KNOX	1980
HOLLIS, Mrs. Kay, 331 East Spring Street, Lebanon, TN 37087	SEL	1983
**HOLLISTER, Dr. Robert M., 316 Battle Avenue, Franklin, TN 37064	NASH	1966
HOLT, Dr. & Mrs. B. D., 312 N. Main St., Greeneville, TN 37743	GRE	1983
HOSIER, M/M Robert, 712 W. Spring Street, Lebanon, TN 37087	SEL	1976
HOUK, Mrs. Ann M., 2815 22nd Avenue, S., Nashville, TN 37215	NASH	1976
HOWELL, Dr. & Mrs. Joseph C., 5000 Oak Ridge Highway, Apt. 1401, Knoxville, TN 37921	KNOX	1947
HOWELL, Mary Lee, Box 4395 Station B Vanderbilt University, Nashville, TN 37235	NASH	1982
HOYLE, Susan, 7003 Northshore Drive, Knoxville, TN 37919	KNOX	1965
HUDSON, Mrs. Jack, 310 Lattawoods, Dyersburg, TN 38024	TAL	1966
HUDSON, Mr. Russell A., 310 Lattawoods, Dyersburg, TN 38024	TAL	1979
HUGHES, Dr. C. Richard, 3878 Jill St. NE, Cleveland, TN 37311	CHAT	1982
HUNTER, M/M Richard E., Rt. 6, Box 67, Dilton Mankin Rd., Murfreesboro, TN 37130	MURF	1970
HURLEY, Mr. Don, 3450 Evans road Apartment 141 C, Atlanta, GA 30341	KNOX	1983
HURLEY, Mr. Len, 484 Cherokee Blvd., Knoxville, TN 37919	KNOX	1969
HYNDS, M/M C. H., 112 Nashville Highway, Apt. F4, Columbia, TN 38401	COL	1981
ILARDI, Dr./Mrs. Robert, 2786 North Star Dr., Memphis, TN 38134	MEM	1983
IMHOF, Mr. Thomas A., 1036 Pike Rd., Birmingham, AL 35218	CORR	1949
*INGLES, Mr. Jerry L., S. F. D. 1245, Sewanee, TN 37375	HR	1982
**JACKSON, Dr. Jerome A., Dept. of Zoology, Mississippi State University P. O. Drawer 7, Mississippi State, MS 39762	CORR	1972
JACKSON, Mrs. John Blair, 206 W. 6th St., Columbia, TN 38401	COL	1983
JACKSON, Miss Louise, 5048 Lakeview Drive, Nashville, TN 37220	NASH	1964
**JACOBSON, Mr. Daniel R., 1507 Hickory Valley Rd. Apt. H-62, Chattanooga, TN 37421	CHAT	1970
JAMES, Mrs. C. E., 475 N. Highland, #7H, Memphis, TN 38122	MEM	1956
JAMES, Mr. Wesley, 120 Newridge Rd., Oak Ridge, TN 37830	KNOX	1983
JANSON, Victoria, 2901 Westmoreland Drive, Nashville, TN 37212	NASH	1983
JENKINS, Mr. Albert M., 2106 Wisteria Dr., Hixson, TN 37343	CHAT	1976
*JENNINGS, Dr. & Mrs. Henry S., 2308 Chickering Lane, Nashville, TN 37215	TAL	1981
JERNIGAN, Dr. & Mrs. William N., 107 Gallion Dr., Columbia, TN 38401	COL	1980
JOHNSON, Mrs. Amy, 318 6th Street, Cookeville, TN 38501	TAL	1958
JOHNSON, Mr. Billy, 303 Signal Mountain Blvd., Signal Mountain, TN 37377	CHAT	1982
JOHNSON, M/M David L., Rt. 1, Box 126, Manchester, TN 37355	HR	1980
JOHNSON, M/M Edwin, 7627 Topside Rd. Rt. 23, Knoxville, TN 37920	KNOX	1983
JOLLY, Mr. Edgar L., Jr., 4006 Vailwood Drive, Nashville, TN 37215	NASH	1983
JONES, Mrs. Jennings, 204 Apollo Dr., Murfreesboro, TN 37130	MURF	1971
JONES, M/M John Paul, 3421 Hopkins Lane, Nashville, TN 37215	NASH	1952
JONES, Col. & Mrs. Joseph W., Jr., Route 1, Box 207 Pate Road, Newbern, TN 38059	TAL	1975
JONES, Mrs. Katherine P., 806 Hillrise Blvd., Johnson City, TN 37601	HERN	1966
JONES, M/M Ransom, 726 Cherokee, Murfreesboro, TN 37130	MURF	1980
JONES, M/M Russell A., 6418 Arrowbrook Lane #1, Memphis, TN 38134	MEM	1975
JONES, M/M Walk C., III, 259 E. Cherry Circle, Memphis, TN 38117	MEM	1981
JONES, Mr. William J., Box 5172 TTU, Cookeville, TN 38501	TAL	1983
**JORDAN, Mr. O. Ray, Department of Biology Box 5063 TTU, Cookeville, TN 38501	UC	1966
**JOSHLIN, M/M W. R., 1794 Riverdale Road, Germantown, TN 38138	MEM	1980
JOYCE, Mrs. Robenia, 400 Woods Dr., Columbia, TN 38401	COL	1981
JUSTICE, M/M John W., Rt. 9. Justice Rd., Murfreesboro, TN 37130	MURF	1973
JUSTISS, Mr. Alan K., 1814 Sweetbriar, Nashville, TN 37212	NASH	1981
KAFKA, M/M Lenny, 1607 Oaken Trail, Chattanooga, TN 37421	CHAT	1983
KEETON, Mr. Luther F., 80 Eastland Dr., Memphis, TN 38111	MEM	1940
KEETON, Susan, 4737 Sequoia Rd., Memphis, TN 38117	MEM	1982
KELLAR, Ms. Alice S., 519 West 1st Ave., Lenoir City, TN 37771	KNOX	1981
KELLY, Ms. Barbara, & Mr. Robert B. Pyle 3524 Pinellas Ln., Chattanooga, TN 37412	CHAT	1978
KING, Mr. Edward M., 595 Shotwell, Memphis, TN 38111	MEM	1950
KING, M/M P. Glenn, Box 282 Sunset Bluffs, Monteagle, TN 37356	HR	1967
KISNER, M/M James B., 9 Mary Ann Dr., Memphis, TN 38117	MEM	1977
**KLEIN, Ms. Starr T., 217 Arrow Dr., Signal Mountain, TN 37377	CHAT	1980
KNAUTH, Mrs. Herman G., 4321 Brush Hill Road, Nashville, TN 37216	NASH	1955
KNIGHT, Mrs. Margaret, 412 N. Main St. Pleasant Manor Apt. 3, Mt. Pleasant, TN 38474	COL	1983
KNIGHT, Mr. Richard Lee, 804 N. Hills Dr., Johnson City, TN 37601	HERN	1977
KOCH, Sarah Elizabeth, 23 Y Georgetown 5025 Hillsboro Road, Nashville, TN 37216	NASH	1982

#KOELLA, Mr. Jon A., P. O. Box 10493, Knoxville, TN 37919	KNOX	1967
KOLB, M/M John L., 419 Fairfield Circle, Memphis, TN 38117	MEM	1975
KOPP, Mrs. R. G., 1622 West End Drive, Lebanon, TN 37087	SEL	1983
KRAMER, Dr. & Mrs. Lee F., 321 Shepard Hills Drive, Madison, TN 37115	NASH	1966
KURTZ, M/M William L., 3701 Skylark Trail, Chattanooga, TN 37416	CHAT	1982
#KUYKENDALL, Dr. & Mrs. Sam J., 1394 Hatcher Lane, Columbia, TN 38401	NASH	1976
KYLE, Ms. Joy, Hobbs #2, Lot #12, Kingsport, TN 37664	HERN	1974
LACY, Miss Beth, 3129 McClure Lane, S. E., Knoxville, TN 37920	KNOX	1955
LADENBERG, Mr. Gregg N., 301 Chestre Dr. #17, Knoxville, TN 37919	KNOX	1981
LAMB, Mrs. John S., Lake Road, Dyersburg, TN 38024	TAL	1963
LASSITER, Ms. Mildred, 1216 Eastwood Drive, Cookeville, TN 38501	UC	1976
LATREMORE, M/M Fred S., 1030 Westwood Drive, Tullahoma, TN 37388	HR	1978
LAVELY, M/M Horace T., Jr., 5928 Sedberry Road, Nashville, TN 37205	NASH	1978
LAY, Dr. & Mrs. Allyn, Pulaski Pike, Columbia, TN 38401	COL	1981
LEE, Mr. Mike, Route 1, Box 667, Bon Aqua, TN 37025	TAL	1981
LEGGETT, M/M Kenneth, P.O. Box 331, Dyersburg, TN 38024	MEM	1967
LENHART, Dr. & Mrs. Galen, 3109 Overlook Drive, Nashville, TN 37212	NASH	1982
LEONARD, Mrs. Avonelle R., 69 Lynnbrook Cir., Chattanooga, TN 37415	CHAT	1983
#LEVY, M/M Ralph, Jr., 6125 Green Meadows, Memphis, TN 38119	MEM	1980
LEWIS, Ms. Carol, Warner Park Village FB4 21 Vaughn's Gap Road, Nashville, TN 37205	NASH	1980
LEWIS, M/M Marshall, 155 Cherry Rd., Memphis, TN 38117	MEM	1974
LEWIS, M/M Richard, Rt. 3, Box 470, Bristol, TN 37620	HERN	1974 - 1980
LDCHRIDGE, M/M Bedford, 914 Woldridge Dr., Columbia, TN 38401	COL	1974
LDHREY, M/M Sherwood, 595 W. Clover Dr., Memphis, TN 38119	MEM	1983
LUCKADO, Mrs. Tom R., 937 McKellar Drive, Tullahoma, TN 37388	MEM	1970
LURA, Dr. & Mrs. Richard, 102 Terrace Ct., Apt. 6-B, Johnson City, TN 37601	HERN	1973
LYLES, M/M Henry, Route 6, Columbia, TN 38401	COL	1974
LYNN, Mrs. R. E., 5690 Sherry Ln., Ooltewah, TN 37363	CHAT	1951
LYON, M/M Charles A., 4002 Wallace Lane, Nashville, TN 37215	NASH	1975
#LYONS, M/M Robert S., 500 Marr Dr., Signal Mountain, TN 37377	CHAT	1983
MACLEDD, Marguerite, Rt. 3, Box 247A, Chuckey, TN 37641	GRE	1983
MACMILLAN, Mrs. Fortia R., 3201 Overlook Drive, Nashville, TN 37212	NASH	1965
MAGEE, M/M Donald, 1441 Indian Place, Murfreesboro, TN 37130	MURF	1981
#MANIER, Mr. William R., P. O. Box 1566B, Nashville, TN 37215	NASH	1982
MANGLEY, Mrs. Frances W., 10317 Long Rd., Arlington, TN 38002	MEM	1961
MANN, M/M E. L., 110 Springer Rd., Lawrenceburg, TN 38464	BR	1983
#MANN, Mrs. Margaret Louise, P. O. Box 14003B, Nashville, TN 37214	NASH	1966
MARSDEN, H. D., 433 W. Fort St., Manchester, TN 37355	HR	1974
MARTIN, Rev. & Mrs. John L., Rt. 9, Box 147 641 Ridgefield Rd., Elizabethton, TN 37643	HERN	1971
MARTIN, Miss Mary Lee, 2136 Acklen Avenue, Nashville, TN 37212	NASH	1974
MASON, M/M James D., 2115 Terrace Ave., S. W., Knoxville, TN 37916	KNOX	1981
MASUOKA, Dr. & Mrs. Jitsuchi, 2609 Natchez Trace, Nashville, TN 37212	NASH	1971
MATHEWSON, Mr. Dave, Jr., P. O. Box 1021, Collegedale, TN 37315	CHAT	1982
MAY, Dr. Jonathan E., 2517 W. Linden Avenue, Nashville, TN 37212	NASH	1982
#MAYFIELD, Dr. & Mrs. George R., Jr., Sunnyside Dr., Columbia, TN 38401	COL	1961
#MAYFIELD, Mrs. George R., Sr., c/o Dr. George R. Mayfield, Jr., Maury County Hospital, Columbia, TN 38401	NASH	1916
MAYNARD, Jane Cole, 5742 Hillsboro Road, Nashville, TN 37215	NASH	1978
#MCALISTER, Margaret H., 409 Leake Avenue, Nashville, TN 37205	NASH	1983
MCAMEY, Dr. Franklin, 4676 Andover Court, Atlanta, GA 30360	CORR	1931
MCCONNELL, M/M Chester, Rt. 6, Lawrenceburg, TN 38464	BR	1981
MCODY, Mr. Toby, Box 534 Peabody College, Nashville, TN 37203	NASH	1983
MCCRARY, Dr. Charles W., 1561 Vinton, Memphis, TN 38104	MEM	1980
MCCRARY, Henrietta, Box 57, Woodbury, TN 37190	NASH	1983
McCULLOUGH, M/M J. D., 4712 Murray Hills Dr., Chattanooga, TN 37416	CHAT	1977
McDOWELL, Regenia M., 510 Heritage Drive #44, Madison, TN 37115	MURF	1980
McFARLAND, Dr. & Mrs. Sam B., 242 East Spring Street, Lebanon, TN 37087	SEL	1966
McFARLIN, M/M Larry, 2265 Racquet Club Dr., Murfreesboro, TN 37130	MURF	1981
McGEE, Mr. G. Sanford, P. O. Box 522, Monteagle, TN 37356	HR	1970
McGOWAN, Mrs. William F., 401 Bowling Avenue #66, Nashville, TN 37205	NASH	1982
McGOWAN, M/M George W., 238 Tusculum Dr., Oak Ridge, TN 37830	KNOX	1958
McKEE, M/M W. Reid, 1727 Cherokee Drive, Lebanon, TN 37087	SEL	1972
McLAUGHLIN, Dr. & Mrs. Joe, 3201 New Towne Road, Antioch, TN 37013	NASH	1978
#McLAUGHLIN, Mr. John H., 3205 New Town Road, Antioch, TN 37013	NASH	1978
McLEAN, Mr. H. Kenneth, 115 Judith Dr., Knoxville, TN 37920	KNOX	1981
McLEROY, M/M Ralph, 3724 Koewee, Knoxville, TN 37919	KNOX	1963
McMAHAN, M/M Michael A., 1132 Ridge Top Dr., Chattanooga, TN 37421	CHAT	1981
McMILLIAN, M/M Melville, Rt. 2, Lascassas, TN 37085	SEL	1970
McNEES, Mrs. Mary Lee, 3873 Central Ave., Memphis, TN 38111	MEM	1980
McNEIL, Mrs. Buy, 712 Piedmont, Bristol, VA 24201	BRI	1959
McNUTT, M/M William P., Jr., 2935 Valley View Rd., Knoxville, TN 37917	KNOX	1974

McPHERSON, Mr. Charles E., Rt. 1, Box 522, Brighton, TN 38011	MEM	1951
McHORTER, Mrs. J. H., 3816-B Westwind Circle SW, Huntsville, AL 35805	MEM	1946
MEADORS, M/M Howard, 109 Cleveland Rd., Rossville, GA 30741	CHAT	1958
MEDLEY, M/M Lee W., Rt. 2, Box 173 B, Hillsboro, TN 37342	HR	1982
MEEKS, Dr./Mrs. Gregory, 2236 Mangum Rd., Memphis, TN 38134	MEM	1978
*MENGEL, M/M J. T., Carroll Woods, Apt. 113, Chapel Hill, NC 27514	KNOX	1955
METHVIN, M/M Ray E., Box 160, Loretto, TN 38469	BR	1983
MILBURN, M/M Rocky, Route 4 Petway Road, Ashland City, TN 37015	NASH	1983
MILLER, Dr. & Mrs. Clay, Hillcrest Ave., Columbia, TN 38401	COL	1982
MILLER, Dwight, 398 Ellsworth, Memphis, TN 38111	MEM	1981
MILLER, Ethelyn D., 707 Fairway Dr., Elizabethton, TN 37643	HERN	1983
MILLER, M/M George R., Route 2, Box 198-E-10, Fairview, TN 37062	NASH	1969
MILLER, M/M Herbert S., 801 Piedmont Street, Bristol, TN 24201	BRI	1958
MONROE, Dr. Burt L., P. D. Box 23447, Anchorage, KY 40223	CORR	1969
MOORE, Miss Nelle, 275 Palisade Ave., Memphis, TN 38111	MEM	1944
MOORE, M/M Robert E., Route 1, Box 2074 Elmwood Drive, Rockford, TN 37853	KNOX	1983
*MOOSE, M/M Foster, 300 Leonora Dr., Memphis, TN 38117	MEM	1978
MOREHEAD, Dr. Maurice, 77 Davis Avenue, Cookeville, TN 38501	TAL	
MORGAN, M/M Thomas N., 1043 Brad St., Cleveland, TN 37311	CHAT	1983
MORTON, M/M James, Rt. 11 Hill Road, Knoxville, TN 37918	KNOX	1983
MOULTON, Mr. R. S., 840 Haley Rd., Kittery, ME 03904	CORR	1983
*MOYERS, M/M J. E., Box 397, Collegedale, TN 37315	CHAT	1982
*MUDGE, Mr. E. W., Jr., 3217 Republic Bank Tower, Dallas, TX 75201	CORR	1967
MULLINS, Mary Kate, 1455 Rosemary Lane, Memphis, TN 38104	MEM	1978
MULLINS, Mrs. Stephen, 672 Durion Court, Sanibel Island, FL 33957	HERN	1982
NAPIER, Mrs. John B., 1009-B Alicia Ln., Columbia, TN 38401	COL	1981
NEIDERT, M/M Edward, Box 133, Loretto, TN 38469	BR	1980
NEIDERT, M/M William Royce, Rt. #1, Box 97-A, Loretto, TN 38469	BR	1982
NELSON, Mrs. H. C., 4107 Anderson Ave., Signal Mountain, TN 37377	CHAT	1966
NESBIT, Mrs. Robert H., P.O.Box 34395, Bartlett, TN 38134	MEM	1983
NEVIUS, M/M Richard, Rt. 6, Box 348, Greeneville, TN 37743	GRE	1937 - 1945
NEW, Dr. John, 1312 Avonmouth Rd., Knoxville, TN 37914	KNOX	1981
NEWTON, M/M Edward, 394 Roseland Place, Memphis, TN 38111	MEM	1979
NEWTON, M/M Richard, 522 Indian Lake Rd., Hendersonville, TN 37075	NASH	1981
NICHOLS, Mrs. Robert C., 4621 Franklin Rd., Nashville, TN 37220	NASH	1967
*NICHOLSON, Mr. Charles P., P. D. Box 402, Norris, TN 37828-0402	KNOX	1971
NICHOLSON, M/M E. L., Jr., 6806 Haverhill Dr., Knoxville, TN 37919	KNOX	1983
*NIXON, Anne H., 10 Peach Blossom Square, Nashville, TN 37205	NASH	1982
*NOLAN, Mrs. Sara, 2017 Sweetbriar Ave., Nashville, TN 37212	NASH	1970
NORFLEET, M/M Edcois, 2708 Donna Hill Dr., Nashville, TN 37214	NASH	1981
NORMAN, Mr. James L., 502 N. 14th, Muskogee, OK 74401	CORR	1953
NORRIS, Dr. & Mrs. Raymond C., 4021 Sunnybrook Drive, Nashville, TN 37205	NASH	1965
O'NEIL, Dr. A. W., P. D. Box 586, Falurrias, TX 78355	CORR	1961
ODDM, Dr. and Mrs. E. P., 1700 E. Main St., Murfreesboro, TN 37130	MURF	1970
*ODOM, Mr. Tom, 3911 Inwood Drive, Kingsport, TN 37664	TAL	1974
ORBAN, Mrs. Patricia Moore, 4 Eastate Drive, Quincy, IL 62301	MEM	1931
ORLEANS, Mrs. S. P., 7700 Gleason Rd. Apt. 4-D, Knoxville, TN 37919	KNOX	1949
ORR, Dr. & Mrs. Marcus W., 960 Audubon Drive, Memphis, TN 38117	MEM	1983
OSBORNE, Mrs. Joe, 1525 Robin Hood Lane, Johnson City, TN 37601	HERN	1973
OTTENFELD, M/M C. T., 100 Netherland Lane #333, Kingsport, TN 37660	BRI	1966
OVERMAN, Mrs. W. J., Jr., 136 Fairways Drive, Hendersonville, TN 37075	SEL	1977
OVERTON, Mrs. Holly, 3316 Bunker Hill Dr., Knoxville, TN 37920	KNOX	1947
OWEN, Mrs. Edward A., P. D. Box 144, Williston, TN 38076	TAL	1981
OWEN, M/M George, Jr., 1827 York Avenue, Memphis, TN 38104	MEM	1978
*OWEN, M/M J. B., 2930 North Hills Blvd., Knoxville, TN 37917	KNOX	1947
OWEN, Mrs. Joan G., 648 Rozelle, Memphis, TN 38104	MEM	1981
PALMER-BALL, Mr. Brainard, Jr., 8207 Old Westport Rd., Louisville, KY 40222	NASH	1983
PAPACHRISTOU, Dr. Gerald, 2858 Shelley Cove, Memphis, TN 38115	MEM	1975
*PARDUE, M/M Paul S., Rt. 23 4415 Beechwood Rd., Knoxville, TN 37920	KNOX	1953
PARKER, Miss Anna Mary, P. D. Box 15, Monteagle, TN 37356	HR	1976
PARKER, M/M F. Milton, 1111 Ridgecrest Rd., Johnson City, TN 37601	HERN	1982
PARKS, Mr. Johnny T., 1610 East 17th St., Chattanooga, TN 37404	CHAT	1979
PARNER, Mr. Henry E., 5538 Oakmont Circle, Nashville, TN 37209	NASH	1955
PARR, Miss Violet, Rt. 1, Afton, TN 37616	GRE	1979
PARSONS, Mrs. Clifford, 909 W. 7th St., Columbia, TN 38401	COL	1980
PATRICK, M/M Oscar, 4641 Villa Green Dr., Nashville, TN 37215	NASH	1969
PATTERSON, Martha L., 1342-B Blue Lake Way, Bowling Green, KY 42101	NASH	1981
PATTERSON, Mr. Thomas K., 426 Academy Avenue, Dublin, GA 31040	CHAT	1981
PATTON, Dr. John, 2214 Riley Rd., M. T. S. U., Murfreesboro, TN 37130	MURF	1970
*PAYNE, Mr. George R., Jr., 6643 Monmouth Drive, Memphis, TN 38119	MEM	1970
PEAKE, Dr. & Mrs. Richard H., Clinch Valley College, Box 28, Wise, VA 24293	CORR	1964
PEEBLES, M/M J. H., 310 Old Fort Street, Tullahoma, TN 37388	HR	1981

PEEPLER, M/M William P., & Rob Peeples, 150 Bendel Circle, Memphis, TN 38117	MEM	1978
PELLETT, Mr. Tom, 2310 Evelyn, Memphis, TN 38104	MEM	1982
FERRY, M/M Don, P. O. Box 110422, Nashville, TN 37222-0422	NASH	1983
PERSINGER, H. R., 604 Belle Glade Ln., Knoxville, TN 37923	KNOX	1983
PETERS, Mrs. Suevelyn N., 761 Elysian Fields Rd., Nashville, TN 37204	NASH	1979
PETERSON, Dr. Clrell T., Box 2364 University Station, Murray, KY 42071	CORR	1971
*PETHINGILL, Dr. Olin Sewall, Jr., P. O. Box 97, Wayne, ME 04284	CORR	1939
PHILLIPS, Dr. Allan R., Reforma 825-A, College Chapultepec San Nicolas de los Garza, 66450 Nuevo Leon, MEXICO	CORR	1943
PHILLIPS, M/M Charles L., 2495 Shennandoah Dr., Chattanooga, TN 37421	CHAT	1975
PIITTS, Dr. & Mrs. T. David, Biology Department University of Tennessee at Martin, Martin, TN 38237	TAL	1965
POPE, M/M Ray, 221 West Forest Avenue, Lebanon, TN 37087	SEL	1980
PORTER, M/M Richard, 507 32nd Ave., S., Nashville, TN 37212	NASH	1983
PORTER, M/M Robert, Jr. 1009 Bluebird Lane, Memphis, TN 38116	MEM	1977
POTTER, Mary Ann, 6102 Clark Rd., Harrison, TN 37341	CHAT	1971
POWELL, Mr. Albert L. Jr., Rt. 1, Box 186, Maceso, KY 42355	CORR	1934
POWELL, Mrs. Jean, Route 1, Box 504, Bristol, TN 37620	SPI	1983
*PRESSNELL, Mr. Allen, Rt. 5, Box 261, Columbia, TN 38401	NASH	1983
PRESSNELL, M/M Allen, Route 5 Box 261, Columbia, TN 38401	COL	1976
*PRESSNELL, Mrs. Diane, Rt. 5, Box 261, Columbia, TN 38401	NASH	1983
PRESSNELL, Mrs. Polly, 2718 Gray Circle, Columbia, TN 38401	COL	1980
PRICE, Mrs. David, Jr., 1954 Old Hickory Blvd., Brentwood, TN 37027	NASH	1970
PRICE, Master John, 122 28th Avenue, North, Nashville, TN 37209	NASH	1982
*PRICHARD, Mr. Mack, 2511 West End Ave., Room 140, Nashville, TN 37203	NASH	1967
PUCKETT, M/M E. Powell, 112 Amherst Ln., Oak Ridge, TN 37830	KNOX	1983
PURYEAR, M/M William A., Windsor Towers #310, 4215 Harding Place, Nashville, TN 37205	NASH	1958
QUAY, Mrs. Dorothy, 295 Boyd St., Johnson City, TN 37601	HERN	1981
QUENER, Elizabeth M., 507 Bellevue Drive East, Nashville, TN 37205	NASH	1978
QUINN, Mr. Yancy, Jr., 4451 Sequoia Road, Memphis, TN 38117	MEM	1972
RADIN, M/M Maury, P. O. Box 171432, Memphis, TN 38117	MEM	1978
RAGLAND, Miss Ella H., 920 N. Lafayette, Brownsville, TN 38012	MEM	1945
RAMM, M/M Heinrich J., 606 Larrymore St., Manchester, TN 37355	HR	1974
RANNELS, Stephen and Sharon, 1900 Rosewood, Apt. 9, Nashville, TN 37212	NASH	1982
RAST, Martha, 778 Chatwood Coveue #3, Memphis, TN 38122	MEM	1983
RATLEDGE, M/M Doug, 1506 Sun Valley Dr., Greeneville, TN 37743	GRE	1977
RAY, Emilie R., 5708 Duquaine Rd., Nashville, TN 37205	NASH	1983
RAYE, M/M Larry D., 4020 Sunnybrooke, Nashville, TN 37205	NASH	1976 - 1980
REEVES, Mr. Mark E., 9015 Ten Mile Road #85, Knoxville, TN 37923	KNOX	1980
REID, Mr. Jeffery, 212 Piedmont Drive, Lebanon, TN 37087	SEL	1979
REID, Mr. Robert R., Jr., 2616 Mountain Brook Parkway, Mountain Brook, AL 35223	CORR	1972
RENFRO, Mr. James, 109 White Oak Drive, Lake Jackson, TX 77566	CORR	1983
*RENTSCHLER, M/M George H., Jr., 8300 Sawyer Brown Rd. #304, Nashville, TN 37221	NASH	1980
FESTIVO, M/M Ernest J., 1248 E. Drestwood Dr., Memphis, TN 38119	MEM	1968
REYNOLDS, M/M A. E., 397 Maple, Bristol, TN 37620	SPI	1958
REYNOLDS, Virginia, 4241 Waymar Dr., Memphis, TN 38117	MEM	1981
RICH, Mrs. C. W., 304 Edgeview Dr., Nashville, TN 37211	NASH	1983
RICHARDS, Mrs. L. D., 1921 Moran Dr., Nashville, TN 37210	NASH	1982
RICHMOND, M. R., 519 N. Jefferson Avenue, Cookeville, TN 38501	UC	1983
RIDDLE, M/M Henry, Rt. #2, Loretto, TN 38469	BR	1972
RIGGINS, M/M John N., 7408 Dunaway Drive, Nashville, TN 37221	TAL	1969
ROACH, M/M Robert C., 1823 Clayton Dr., Chattanooga, TN 37421	CHAT	1980
ROARK, Mrs. Martha L., 23 Sevier Street, Memphis, TN 38111	MEM	1973
*ROBBINS, Mr. Chandler S., 7900 Brooklyn Bridge Rd., Laurel, MD 20810	CORR	1955
ROBERTS, Mr. Herbert W., Route 3 Fall Creek Falls State Park, Pikeville, TN 37367	TAL	1976
ROBERTS, Wesley, & Nancy FLOWERS 1112 Battery Lane, Nashville, TN 37204	NASH	1983
ROBINSON, Mr. Peter C., 3109 Greenwich Ave, Chattanooga, TN 37415	CHAT	1982
RODDY, M/M Bob, 1821-A Cedar Lane, Nashville, TN 37212	NASH	1983
ROGERS, Mr. David P., 7123 Riverwood, Germantown, TN 38138	MEM	1980
ROGERS, Mrs. Erna L., Rt. 1, Box 192, Hillsboro, TN 37342	HR	1976
ROLLINS, M/M Charles D., 3120 Beechrun, Memphis, TN 38128	MEM	1975
ROSANES, Ms. Nancy Lynne, 113 Hedgewood Dr., Chattanooga, TN 37405	CHAT	1982
ROSENBAUGH, Ms. Patricia Ann, 434 Whitehall Rd., Chattanooga, TN 37405	CHAT	1982
RUDD, M/M Robin, 4611 Davidson Rd., Chattanooga, TN 37421	CHAT	1983
RYTHER, M/M Eugene M., 905 Sterling Ave., Chattanooga, TN 37405	CHAT	1981
SANDERS, M/M Kenneth, Rt. 28, Sevierville Pike Box 203, Knoxville, TN 37920	KNOX	1955
SANDS, Mrs. Lada, 1101 Woodview Avenue, Memphis, TN 38117	MEM	1975
SATTERFIELD, Mr. Stephen, Rt. 1, Luttrell, TN 37779	KNOX	1983
SATTERWHITE, M/M John, Rt. 7, Columbia, TN 38401	COL	1974



SAVAGE, Dr. Alice, 1005 Clearview Drive, Nashville, TN 37205	SEL	1982
SAWYER, Mrs. Marguerite, 604 Estes Ave., Nashville, TN 37215	NASH	1962
SHELL, Mr. Edward H., 2514 Browns Mill Road, Johnson City, TN 37601	HERN	1975
SCHILLER, Mrs. Henry A., 3572 Allendale Road, Memphis, TN 38111	MEM	1956
SCHREIBER, M/M Edwin D., Sr., 3518 Pleasant Valley Rd., Nashville, TN 38204	NASH	1963
*SCHREIBER, Mr. E. Dan, Jr., 5448 West Sheena Drive, Glendale, AZ 85306	NASH	1960
SCOTT, M/M Leland G., Hickory Harbor Rt. 3, Box 247, Gallatin, TN 37066	NASH	1973
SCURLOCK, William H., 3722 Richland Ave., Nashville, TN 37205	NASH	1975
SEARL, M/M Edwin N., 932 Kevin Rd., Knoxville, TN 37923	KNOX	1982
SEE, M/M Billy, 1007 West Street, Lebanon, TN 37087	SEL	1982
SELLARS, Mrs. John W., 122 Greenlawn Avenue, Lebanon, TN 37087	SEL	1969
SENER, Rev. & Mrs. William F., 1406 East Peace Street, Canton, MS 39046	SEL	1968
SHAFFER, Mr. Mike, Box 653, Bristol, TN 37620	BRI	1983
SHARP, M/M A. Boyd, 245 Peters Rd., Knoxville, TN 37919	KNOX	1968
SHARP, Mr. Vernon, Jr., 1808 Wilson Pike, Franklin, TN 37064	NASH	1921
SHARP, Mrs. Walter, Rt. 2, Beech Creek Rd., Brentwood, TN 37027	NASH	1952
SHARPLESS, Miss Dorothy E., 201 Bogart Drive, Apt. 14, Sevierville, TN 37862	KNOX	1957
SHAWER, Dr. & Mrs. David C., 485 Kinsman, Memphis, TN 38119	MEM	1979
SHELTON, M/M H. Clay, 4858 Shady Grove Road, Memphis, TN 38117	MEM	1979
SHELTON, M/M Wayne, Rt. 1, Pelham, TN 37366	HR	1978
SHEPARD, Nancy R., 939 South Briarcliff Circle, Maryville, TN 37801	KNOX	1983
SIGEL, M/M Harry, 118 West Valley Street, Abington, VA 24210	BRI	1976
SIMBECK, M/M Don K., Rt. #2, Box 3-A, Loretto, TN 38469	BR	1972
SIMMERS, Mr. Richard, Route 6, Box 170, Cookeville, TN 38501	UC	1978
SIMMS, Mrs. Beth, 2404 Sherrod Rd., Knoxville, TN 37920	KNOX	1978
SIMPSON, Dr. Marcus, Jr., 10 Elmstead Place, Chapel Hill, NC 27514	CORR	1961
SIMS, M/M Joseph, 1311 Hayne Road, Memphis, TN 38119	MEM	1981
SKIPPER, Mrs. Carlos, 808 Murrell Lane, Apt. 2, Signal Mountain, TN 37377	CHAT	1975
SKLAR, Dr. Marshall D., 66 Monroe Apt. 1204, Memphis, TN 38103	MEM	1980
SLTGER, Mrs. Henry L., 208 S. Germantown Rd., Chattanooga, TN 37411	CHAT	1954
SMATHERS, M/M Hugh, 128 Asbury Ln., Gatlinburg, TN 37738	KNOX	1976
SMITH, Miss Alice H., Route 1, Box 323, Covington, TN 38019	MEM	1933
SMITH, Dr. Arlo I., 3724 Oakley Avenue, Memphis, TN 38111	MEM	1960
SMITH, Mrs. Arlo I., 3724 Oakley Avenue, Memphis, TN 38111	MEM	1953
SMITH, Mrs. Arthur S., 100 Otari Drive, Route 14, Kingsport, TN 37664	TAL	1960
SMITH, Dr. Charles, Laboratory of Ornithology Cornell University, Ithaca, NY 14850	CORR	1963
SMITH, M/M Ernest, 1115 E. Northfield Blvd., Murfreesboro, TN 37130	MURF	1981
SMITH, M/M Louis F., 3809 Riverview Rd., Knoxville, TN 37914	KNOX	1954
SMITH, M/M Martin, Guill Road, Mt. Juliet, TN 37123	SEL	1983
SMITH, Rosamary, 6915 Sentinel, Harrison, TN 37341	CHAT	1983
SMITH, M/M Stephen H., 1906 Snowden, Memphis, TN 38107	MEM	1979
SNAPPER, James and Joyce, 2813 Hillside Dr., Nashville, TN 37212	NASH	1982
SNOWDEN, M/M J. W., Route 5, Box 320, Somerville, TN 38068	MEM	1981
SOWELL, Miss Maude, 207 W. 6th St., Columbia, TN 38401	COL	1981
SPECK, Mrs. Hubert H., 228 East Spring Street, Lebanon, TN 37087	SEL	1974
SPEES, Dr. & Mrs. Royal B., P. O. Box 356, Greeneville, TN 37743	GRE	1962
SPENCE, Alberta, 1915 Eagle St., Murfreesboro, TN 37130	MURF	1980
SPENCE, Mrs. C. C., 3610 Cowden, Memphis, TN 38111	MEM	1978
*SPOFFORD, Dr. Walter S., Box 5, Rancho Aguila, Portal, AZ 85632	CORR	1981
*STALLINGS, Miss Pat, 406 North 17th St., Nashville, TN 37206	NASH	1970
STAMM, Mrs. F. W., 9101 Spokane Way, Louisville, KY 40222	CORR	1946
STANFORD, Mrs. H. B., Route 2, Box 300, Taylorsville Road, Lebanon, TN 37087	SEL	1974
STEDMAN, M/M Stephen, Rt. 6, Pinewood Rd., Franklin, TN 37064	NASH	1979
STEPHENS, Miss Ella, Box 35, Star Route, Farnar, TN 37333	TAL	1965
STERLING, Helen W., 418 Page Rd., Nashville, TN 37205	NASH	1978
STEWART, Mrs. David, 106 Green Valley Blvd., Franklin, TN 37064	NASH	1978
STIDLPH, Sister Margarita, 4792 Walnut Grove Road, Memphis, TN 38117	MEM	1978
STILES, M/M Raeburn, 3911 Trimble Rd., Nashville, TN 37215	NASH	1982
STOKES, M/M Harry, 4819 Quail Hollow, Old Hickory, TN 37138	SEL	1983
STOKES, Mr. John L., Memphis Zoological Gardens Overton Park, Memphis, TN 38112	MEM	1979
STONE, Barbara E., 212 N. McLean, Memphis, TN 38112	MEM	1982
*STONE, Mr. Joe, 4128 Caine Lane, Chattanooga, TN 37421	CHAT	1976
STREET, C. P. and Elizabeth, 2410 Golf Club Lane, Nashville, TN 37215	NASH	1982
*STREET, Mr. Thomas E., 411 N. Spring St., Greensboro, NC 27401	CORR	1954
STRINGER, Mrs. Kirby, 205 Lisa Lane, Nashville, TN 37210	NASH	1947
STRINGER, Rev. & Mrs. Randy C., 100 Lucretia Lane, Dyersburg, TN 38024	CHAT	1979
STUART, M/M A. Gordon, 132 Oakview Dr., Bristol, VA 24201	BRI	1970
STUPKA, Mr. Arthur, Rt. 3, Gatlinburg, TN 37738	KNOX	1983
STYKE, M/M D. N., Jr., 1101 Summer St., Manchester, TN 37355	HR	1975

SULLIVAN, M/M Robert H., 611 Adams St., Manchester, TN 37355	HR	1982
*SUMARA, Mrs. C. K. G., 1011 Church Street, Tiptonville, TN 38079	TAL	1965
SWAFFORD, M/M Carl, 11818 McGee Rd., Doltewah, TN 37363	CHAT	1968
SWINDELL, M/M Thomas C., 5609 Sunrise Dr., Knoxville, TN 37919	HERN	1948
SWOFFORD, M/M Glen, 550 Valley St., Erwin, TN 37650	HERN	1976
TALBOT, Mrs. Joe H., 6117 Bresslyn Rd., Nashville, TN 37205	NASH	1976
TANNER, M/M Edward F., 22 Kenberton, Pleasant Ridge, MI 48069-1014	SEL	1969
**TANNER, Dr. & Mrs. James T., Rt. 28, Box 155, Knoxville, TN 37920	KNOX	1940
TANZER, M/M Frank, 8510 Mysen Cove, Cordova, TN 38018	MEM	1980
TARBELL, Dr. and Mrs. D. Stanley, 6033 Sherwood Dr., Nashville, TN 37215	NASH	1968
*TAYLOR, Mr. Joseph W., P. O. Box 31 20 Parrish Rd., Honeoye Falls, NY 14472	CORR	1959
TAYLOR, Mr. Richard G., 1357 Rolling Oaks Dr., Memphis, TN 38119	MEM	1975
THAYER, Mr. Arthur D., & Vicki Bethel 1216 Hanover St., Chattanooga, TN 37405	CHAT	1982
THOMAS, M/M Charles S., Jr., 1005 Hillcrest Ave., Columbia, TN 38401	COL	1979
THOMAS, Mr. Luttrell, 2125 Belcourt Ave., Nashville, TN 37212	NASH	1978
THOMPSON, Doris M., P. O. Box 90944, Nashville, TN 37209	NASH	1983
THOMPSON, Mrs. Frank, 716 West Spring Street, Lebanon, TN 37087	SEL	1982
THOMPSON, Mrs. Julia E., 2961 Emerald, Memphis, TN 38118	MEM	1981
THORNEILL, M/M Shawn, & Rebecca Lemmons Rt. 1, Box 228, Columbia, TN 38401	COL	1982
TIGANI, Dana S., 2916 Woodlawn Drive, Nashville, TN 37215	NASH	1983
TILLMAN, M/M Barry, 817 S. Wilson Blvd., Nashville, TN 37215	NASH	1983
TODD, Mr. Michael, 651 Diamond Drive, McKenzie, TN 38201	TAL	1983
TOLINE, M/M F. R., Route 13, Box 165, Cookeville, TN 38501	UC	1965
*TRABUE, M/M Lawrence O., 3819 Harding Place, Nashville, TN 37215	NASH	1960
TRICE, M/M Lillard, 817 Cedar Bluff Rd., Knoxville, TN 37919	KNOX	1979
TRIPP, M/M Hiram G., 4401 James Drive, Chattanooga, TN 37416	CHAT	1982
TRIPP, M/M R. G., 1010 S. High St., Columbia, TN 38401	COL	1982
TRONOLONE, Mr. Nick, 9900 Rainbow Dr., Concord, TN 37922	KNOX	1982
TROY, M/M Norman W., 705 Cumberland St., Cowan, TN 37318	HR	1983
TUCKER, M/M John D., Jr., 1892 Wicklow Way, Germantown, TN 38138	MEM	1980
TUNSBURG, M/M Douglas L., P. O. Box 9797, Chattanooga, TN 37212	CHAT	1956
TURNER, Miss Helen, 3005 Walnut Grove Rd., #1, Memphis, TN 38111	MEM	1968
TYM, Ms. Alice L., Route # 2, Box 126, McDonald, TN 37353	CHAT	1983
UNDERWOOD, Sandra S., 3828 Mahoney Rd., Knoxville, TN 37920	KNOX	1983
VAN GELDER, M/M Enno, 416 Hilltop Rd., Bristol, TN 37620	BRI	1961
VAN NOSTRAND, M/M Herb N., Sr., 363 Vance Dr., Bristol, TN 37620	BRI	1981
VANCE, Mr. Dave, 4950 Marianne Ln., Memphis, TN 38117	MEM	1973
VARNER, Mr. Tom C., 119 Narragansette Ave., Chattanooga, TN 37415	CHAT	1981
VAUGHAN, Mrs. Frances, Rt. 6, Box 65, Murfreesboro, TN 37130	MURF	1971
VAUGHN, Mrs. Oma N., 4013 Dorcas Drive, Nashville, TN 37215	NASH	1976
VOGT, Mr. David, 3507 Belmont Blvd., Nashville, TN 37215	NASH	1978
WADE, Miss Mary Ann, 1644 Goodbar Ave., Memphis, TN 38104	NASH	1973
WAHL, Dr. Joseph, 555 Timber Lane, Cookeville, TN 38501	NASH	1981
WALDON, H. Phillip, Jr., 454 N. McNeil, Memphis, TN 38112	MEM	1983
**WALDRON, Martha, 1626 Yorkshire Dr., Memphis, TN 38119	MEM	1970
WALKER, Ms. Ellen J., 1024 Sunset Drive, Clarksville, TN 37040	NASH	1980
WALKER, Miss Mildred, 312 1/2 W. 6th St., Columbia, TN 38401	COL	1981
*WALKER, Mrs. William M., 320 S. W. 12th St., Gainesville, FL 32601	CORR	1935
*WALKUP, Mr. Kenneth A., 309 Leopole Road, Nashville, TN 37211	NASH	1971
**WALLACE, Dr. Gary O., Rt. 7, box 338 Sunrise Dr., Elizabethton, TN 37643	HERN	1967
WALLACE, Mrs. Gary O., Rt. 7, Box 338 Sunrise Dr., Elizabethton, TN 37643	HERN	1971
WALSH, M/M James, Rt. 4, Box 124, Elizabethton, TN 37643	HERN	1979
WARD, Donna Louise, 220 Georgia Avenue, McKenzie, TN 38201	TAL	1981
**WARD, Mr. Frank, 605 Holston Avenue, Elizabethton, TN 37643	HERN	1952
WARD, Peggy, 3433 Hampton Avenue, Nashville, TN 37215	NASH	1983
**WARDEN, Miss Margaret L., 1806 E. Belmont Circle, Nashville, TN 37212	NASH	1926
WARFIELD, M/M Charles H., 4208 Estes Road, Nashville, TN 37215	NASH	1979
WARNER, Ruth R., 4415 Harding Place, Nashville, TN 37205	NASH	1983
WATKINS, Miss Violet Jane, 2845 Kenway Road, Nashville, TN 37215	NASH	1955
WATSON, Mr. Joe, RFD 1, Box 223, Rutledge, TN 37861	KNOX	1973
WEAR, M/M Floyd D., 4779 Summerview Ave., Memphis, TN 38118	MEM	1982
WEBER, Mr. Wayne C., No. 303 9153 Saturna Dr., Burnaby, British Columbia V3J 7K1 CANADA	CORR	1976
WEDDINGTON, Nelle B., 4709 Kaye Rd., Memphis, TN 38117	MEM	1981
WEINSTEIN, Mrs. Albert, 3901 Harding Road, Box 38, Nashville, TN 37205	NASH	1974
WEISE, Dr. Charles M., 2314 E. Stratford Court, Milwaukee, WI 53211	CORR	1954
WELLFORD, Mrs. John, 488 Goodlet St., Memphis, TN 38117	MEM	1977
WENDT, Miss Charissa, 825 North Drive, Cookeville, TN 38501	UC	1960
WESSELS, Mrs. Anna M., 2550 Union Ave., Memphis, TN 38112	MEM	1977
**WEST, Mrs. Eugene M., P. O. Box 1662, Fairfield Glade, TN 38555	CHAT	1948
WHITE, Becky, 69 Lynnbrook Cir., Chattanooga, TN 37415	CHAT	1983
WHITE, Mrs. James, Route 3 Barrell Springs Hollow Road, Franklin, TN 37604	NASH	1982

WHITE, Miss Marie, 909 Milford Drive, Cookeville, TN 38501	UC	1961
WHITEHEAD, M/M Clifton, 5019 Temple Road, Nashville, TN 37221	NASH	1982
WHITEHEAD, Mrs. Thomas W., Rt. B, Johnson City, TN 37601	HERN	1973
WHITLEY, M/M William T., 177 N. Highland #615, Memphis, TN 38111	MEM	1972
WHITLOCK, Mr. James	NASH	1983
**WHITTEMORE, Dr. Wendell, 176 Cherry Rd., Memphis, TN 38117	MEM	1935
*WHITTINGTON, M/M Richard L., 2204 Harbert, Memphis, TN 38104	MEM	1974
WILCOXON, Dr. & Mrs. Hardy C., 4410 Alcott Drive, Nashville, TN 37215	NASH	1978
WILKEY, M/M R. Bruce, P. O. Box 227, Signal Mountain, TN 37377	CHAT	1977
WILKINSON, Dr. & Mrs. R. Dean, McKendree Towers # 811, 4343 Lebanon Road, Hermitage, TN 37076	SEL	1960
WILLARD, Ms. Lillie, Kingsley Apt. 2-D, 100 N. Washington St., Tullahoma, TN 37388	HR	1978
*WILLIAMS, Mr. Dan N., Jr., 108 Wilder Dr., Signal Mountain, TN 37377	CHAT	1981
WILLIAMS, Miss Florence, Route B, Box 245, Cookeville, TN 38501	UC	1976
**WILLIAMS, Mr. Morris D., Museum of Zoology Louisiana State University, Baton Rouge, LA 70893	CORR	1969
WILLIAMS, Mrs. Virginia N., Rt. 6, Greeneville, TN 37743	GRE	1978
WILLIAMSON, Mrs. W. G., 4237 Auburn Road, Memphis, TN 38116	MEM	1934
WILLIS, M/M Wylie R., 103 Buffalo St., Lawrenceburg, TN 38464	BR	1972
WILSON, Mrs. Charles W., 2355 Eastwood Place, Memphis, TN 38112	MEM	1967
WILSON, Mr. Jeff R., 6298 Memphis/Arlington Rd., Memphis, TN 38134	MEM	1975
WILSON, Mr. John, Route 9, Box 216-A, Lebanon, TN 37087	SEL	1983
WILSON, M/M John D., 4505 Koblan Ct., Hixson, TN 37343	CHAT	1983
WILSON, Mrs. John T., P. O. Box 38, Hillsboro, TN 37342	HR	1980
*WINFIELD, M/M Alan, 2105 Chickering Lane, Nashville, TN 37215	NASH	1983
WINNETT, M/M Truman, Rt. 2, Hillsboro, TN 37342	HR	1974
WISE, Betty, P. O. Box 150684, Nashville, TN 37215	NASH	1983
WITT, Dr. and Mrs. Terry, 1406 W. Northfield Blvd., Murfreesboro, TN 37130	MURF	1982
WITTMAN, Ms. Susan, 1824 Auburndale Ave., Chattanooga, TN 37405	CHAT	1982
*WODTKE, Mrs. Clara Mae, 609 W. Vanderbilt, Oak Ridge, TN 38300	KNOX	1967
WOOD, M/M D. L., Rt. 2, Box 370, Estill Springs, TN 37330	HR	1980
**WOOD, Miss Mary, P. O. Box B, Woodbury, TN 37190	NASH	1963
WOOD, Patricia, 1905 Jefferson #1, Memphis, TN 38104	MEM	1980
**WOODRIDGE, M/M George B., Route 1, Brentwood, TN 37027	NASH	1927
WOODRIDGE, Mrs. Rose Newton, 105 W. Cypress, Crestview, FL 32536	MEM	1945
WORDEN, Betty, 586 Valleywood Drive, Nashville, TN 37211	NASH	1982
WORKMAN, Miss Virginia A., 2215 Abbott Martin Road #87, Nashville, TN 37215	NASH	1960
*WORLEY, Mrs. Richard C., 500 Winston Rd., Chattanooga, TN 37405	CHAT	1970
WURZEL, M/M Leonard, 8116 Shady Place, Brentwood, TN 37027	NASH	1981
*YEATMAN, Dr. & Mrs. Harry C., P. O. Box 356, Sevanee, TN 37375	HR	1934
YORK, M/M Grady L., Box 100, Manchester, TN 37355	HR	1974
*YOUNG, M/M Howard, 1909 East Sevier Avenue, Kingsport, TN 37664	TAL	1973
*ZAENGLEIN, Mr. Ralph J., 1121 W. Broadway, Maryville, TN 37801	TAL	1955

\*Sustaining Members  
 \*\*Life Members

# EXCHANGES

Alabama Ornithological Society Library - Series Section, Auburn University Library, Auburn, AL 36830	1964
American Museum of Natural History - The Librarian, New York, NY 10024	
Arkansas Audubon Society, 5809 North Country Club, Little Rock, AR 72207	1968
Audubon Naturalist Society, 8940 Jones Mill Road, Washington, DC 20015	
Bibliothèque, Station Biologique de la Tour du Valat, Le Sambuc, FRANCE 13200 ARLES	
"BIRDING" c/o Mr. James A. Tucker, Box 4335, Austin, TX 78765	1972
British Trust for Ornithology, Beech Grove Tring, Hertfordshire, ENGLAND	
Brooks Bird Club, 707 Warwood Avenue, Wheeling, WV 26003	
Bureau of Research - New Jersey State Museum, 205 West State Street, Trenton, NJ 08625	1970
California Field Ornithologists, Inc. c/o Point Reyes Bird Observatory, 4990 State Route 1, Stinson Beach, CA 94970	1972
Cumberland Museum and Science Center, 800 Ridley Avenue, Nashville, TN 37203	
"Der Ornithologische Beobachter", Schweizerische Vogelwarte, CH-6204 SEMACH, SWITZERLAND	
Editorial Office - "Wildlife Review", U. S. Fish & Wildlife Service, 270 Aylesworth Hall, Colorado State Univ., Fort Collins, CO 80523	
Federation of N. Y. State Bird Clubs, Inc. c/o Mr. Emanuel Levine, 585 Mead Terrace, South Hempstead, NY 11550	
Finnish Ornithological Society - Exchange Centre for Scientific Literature, Rauhankatu 15 B, SF-00170 HELSINKI 17, FINLAND	1968
Indiana Audubon Society, Inc. c/o Mr. Charles E. Keller, 2505 E. Maynard Drive, Indianapolis, IN 46227	1962
"Inland Bird Banding News" - Dr. Norman F. Sloan, Editor, Department of Forestry, Houghton, MI 49931	1967
Institut Royal des Sciences, Naturelles de Belgique, Service de Documentation, Rue Vautier 31, B - 1040 BRUXELLES, BELGIUM	
"Iowa Bird Life" c/o Mr. Peter Peterson, 235 McClelland Blvd., Davenport, IA 52803	
Laboratory of Ornithology Library - Cornell University, 159 Sapsucker Woods Road, Ithaca, NY 14850	1963
Library - U. S. Fish & Wildlife Service, Patuxent Wildlife Research Center, Laurel, MD 20708	
Library - U. S. National Museum, Smithsonian Institution, Washington, DC 20025	
Literature Acquisition Department, Biological Abstracts, 2100 Arch, Philadelphia, PA 19103	1964
Maryland Ornithological Society, Clyburn Mansion, 4915 Green Springs Avenue, Baltimore, MD 21209	
Massachusetts Audubon Society - Natural History Services, South Great Road, Lincoln, MA 01773	1952
Michigan Audubon Society, 7000 N. Westnedge, Kalamazoo, MI 49007	1967
Minnesota Ornithologists Union - Museum of Natural History, University of Minnesota, Minneapolis, MN 55455	
Murray Memorial Library - Serials Department, University of Saskatchewan, Saskatoon, Saskatchewan, CANADA	1944
Nebraska Ornithological Union - University of Nebraska State Museum, 101 Morrill Hall, Lincoln, NE 68508	
Sociedad de Ciencias Naturales La Salle Biblioteca, Edf Fundacion La Salle Aptdo 1930, Caracas 1010-A, VENEZUELA	
"South Dakota Bird Notes" c/o Mr. Dan Tallman, Editor, NSC Box 740, Aberdeen, SD 57401	
"The Chat" c/o Mrs. Eloise F. Potter, Editor, Route 3, Box 114-AA, Zebulon, NC 27597	
"The Condor", Biological Library, Medical Center - University of California, Los Angeles, CA 90024	
"The Florida Field Naturalist" - Archbold Biological Station, Route 2, Box 180, Lake Placid, FL 33852	1977
"The Oriole" c/o Mr. Terry Moore, Editor, 3086 River Oaks Drive, Atlanta, GA 30339	
"The Passenger Pigeon" c/o Dr. Charles A. Kemper, Editor, 733 Maple Street, Chippewa Falls, WI 54729	
The Libraries - Colorado State University, Fort Collins, CO 80521	
"The Raven" c/o Mr. Frederic C. Scott, Editor, 115 Kennondale Lane, Richmond, VA 23226	1969
"The Ring" - International Ornithological Bulletin, Museum of Natural History, Sienkiewicza 21, 50-335 WROCLAW, POLAND	
University of Louisville Library - Serials Department, Belknap Campus, Louisville, KY 40208	
Wilson Ornithological Society - Museum of Zoology, University of Michigan, Ann Arbor, MI 48103	
Zaklad Zoologii Systematycznej - Miss S. Bochenek, Librarian, ul. Slakowski 17, KRAKOW, POLAND	1965
Dr. G. Zink, Vogelwarte Radolfzell Uber Radolfzell (Bodensee), Schloss Moegglingen (17B), WEST GERMANY	

# LIBRARIES & MUSEUMS

Alexander Library, Edward Grey Institute of Field Ornithology - Department of Zoology, South Parks Road, Oxford, OX1 3PS ENGLAND	1968
Arkansas State University - Dean B. Ellis Library, Box 2040, State University, AR 72467	1968
Bays Mountain Park Office - City of Kingsport, Route 4, Kingsport, TN 37660	1970
British Library Lending Division - Accessions Department, Boston SPA, Wetherby, Yorkshire, LS23 7BD ENGLAND	1968
British Museum of Natural History, The Librarian - Zoological Museum, Tring, Hertfordshire HP23, ENGLAND G6P	1979
Carnegie Museum of Natural History - Library, 4400 Forbes Ave., Pittsburgh, PA 15213	1956
The Charleston Museum, 360 Meeting, Charleston, SC 29403	1934
Chattanooga - Hamilton County Bicentennial Library, 1001 Broad Street, Chattanooga, TN 37402	1932
College of William and Mary, Earl Gregg Swem Library - Serials Department, Williamsburg, VA 23185	1967
Emory University, Robert D. Woodruff Library - Serials & Binding Department, Atlanta, GA 30322	1940
Field Museum of Natural History - Library, Roosevelt Rd. at Lakeshore Dr., Chicago, IL 60605	1935
Harvard University, Library - Museum of Comparative Zoology, Cambridge, MA 02138	1943
Indiana University of Pennsylvania - Library, Indiana, PA 15701	1967
Kingsport University Center - Library, University Blvd., Kingsport, TN 37660	1979
Knoxville - Knox County Public Library - Lawson McGhee Library, 500 West Church Avenue, Knoxville, TN 37902	1956
Kokkai-Toshokan, Kagaku-MZ Nagatacho, Chiyoda-Ku, Tokyo, JAPAN	1981
Lawrence County Library, East Gaines Street, Lawrenceburg, TN 38464	1979
Lincoln Memorial University - Library, Harrogate, TN 37752	1979
Louisiana State University, Library - Serials Division, Baton Rouge, LA 70803	1947
McGill University Library - Serials Department, 3453 McTavish Street, Montreal, 112, P. O., CANADA	1930
Memphis Pink Palace Museum - Memphis Museum Library, 3050 Central Avenue, Memphis, TN 38111	1978
Memphis Public Library & Information Center, 1850 Peabody Avenue, Memphis, TN 38104	1940
Memphis State University, Memphis State University Libraries - Periodicals Department, Memphis, TN 38152	1941
Middle Tennessee State University, Library - Periodicals Department, Murfreesboro, TN 37132	1981
Mississippi Museum of Natural History, 111 North Jefferson Street, Jackson, MS 39202	1971
Mississippi State University, Mitchell Memorial Library - Acquisitions Department, State College, MS 39762	1972
Murray State University, Library - Periodicals Department, Murray, KY 42071	1946
Nashville - Davidson County Public Library, 8th Avenue North & Union, Nashville, TN 37203	1978
National Audubon Society, Library, 950 Third Avenue, New York, NY 10022	1931
New York State Library - Ser. Cont. Sec., Cultural Education Center Empire State Plaza, Albany, NY 12230	1953
North Carolina State University, D. H. Hill Library - Per. Ser. Center, Box 7111, Raleigh, NC 27695-7111	1960
Ohio State University, Library - Serials Division, 1858 Neil Ave., Columbus, OH 43210	1945
Oklahoma State University, Edmon Low Library - Serials Section, Stillwater, OK 74078	1963
Pennsylvania State University, Pattee Library - Periodicals Section, University Park, PA 16802	1968
Royal Ontario Museum, Library - Acquisitions, 100 Queen's Park, Toronto, Ontario, CANADA M5S 2C6	1948
**The Science Reference Library - Bayswater Branch, 10, Porchester Gardens, London W 2 4 DE, ENGLAND	1977
SENCKENBERGISCHE BIBLIOTHEK, ZEITSCHRIFTENABTEILUNG/DFG, BOCKENHEIMER LANDSTR. 134-138, D-6000 FRANKFURT/MAIN, BUNDESREPUBLIK DEUTSCHLAND	1978
Southern Missionary College - McKee Library, Collegedale, TN 37315	1962
State University at Cornell University, Albert R. Mann Library - Acquisitions Division, Ithaca, NY 14853	1980
Tall Timbers Research Station, Route 1, Box 160, Tallahassee, FL 32312	1971
Tennessee Heritage Program, Director, 2611 West End Avenue, Nashville, TN 37203	1977
Tennessee State Library & Archives - State Library Division, 403 7th Avenue North, Nashville, TN 37219	1930
Tennessee State University, Fancher 0500, 3500 Centennial Blvd., Nashville, TN 37203	
Tennessee Technological University - Jere Whitson Memorial Library, Periodicals Librarian, Cookeville, TN 38501	1972
Tennessee Valley Authority - Forestry Library, Norris, TN 37828	1974
Tulane University, Library - Serials Section, New Orleans, LA 70118	1932

University of British Columbia, Woodard Biomedical Library - Ser. Div., 2198 Health Sciences Mall, Vancouver, Brit. Columbia, CANADA V6T 1W5	1958
University of California (Berkeley), Main Library - Serials Department, Berkeley, CA 94720	1934
University of California (Santa Barbara), Library - Serials Department, E 959 975, Santa Barbara, CA 93106	1972
University of Central Florida, Library - Serials Department, P. O. Box 25000, Orlando, FL 32816	1971
University of Georgia, Libraries - Periodicals Desk, S.C., Athens, GA 30602	1979
University of Illinois - Biology Library, 101 Burrill Hall - 407 S. Goodwin Avenue, Urbana, IL 61801	1956
University of Illinois - Natural History Survey Library, 196 Natural Resources Bldg., 607 E. Peabody Drive, Champaign, IL 61820	1956
University of Kansas, Library - Periodical Section, Lawrence, KS 66045	1956
University of Kentucky - Agricultural Library, Agricultural Science Center North, Lexington, KY 40546	1969
University of Mississippi, Library - Serials Section, University, MS 38677	1947
University of Missouri at Columbia, Library - Serials Department, Columbia, MO 65201	1983
University of the South, Jessie Ball Dupont Library - Serials Department, Sevanee, TN 37375	1968
University of Tennessee, Library - Serials Section, Knoxville, TN 37916	1942
University of Tennessee at Chattanooga, Library - Serials Department, Chattanooga, TN 37401	1970
University of Tennessee at Martin - Paul Meek Library, Martin, TN 38238	1979
U. S. Fish & Wildlife Service, Kentucky Research Station, 334 15th Street, Bowling Green, KY 42101	1979
Vanderbilt University, Library - Periodicals, 419 21st Avenue South, Nashville, TN 37240	1935
Western Carolina University, Hunter Library - Serials, Cullowhee, NC 28723	1975
Western Michigan University, Dwight B. Waldo Library - Serials Records, Kalamazoo, MI 49008	1972
Yale University, Peabody Museum - Ornithology Library, Box 6666, New Haven, CT 06511	1963

## MEMBERSHIP SUMMARY

CHAPTER	LIFE	SUSTAINING	FAMILY	ACTIVE	STUDENT	TOTAL
BRISTOL (BRI)	-	-	12	10	-	22
BUFFALO RIVER (BR)	-	-	11	4	-	15
CHATTANOOGA (CHAT)	7	7	38	45	4	101
COLUMBIA (COL)	1	1	14	12	-	28
CORRESPONDING (CDRR)	5	6	1	26	-	38
EXCHANGES (EXC)	-	-	-	-	-	43
GREENEVILLE (GRE)	-	-	8	6	-	14
LEE R. HERNDON - ELIZABETHTON (HERN)	2	-	10	20	-	32
HIGHLAND RIM (HR)	1	2	22	8	-	33
KINGSPORT (KING)	3	-	-	2	-	5
KNOXVILLE (KNOX)	4	12	24	48	-	88
LIBRARIES (LIB)	1	-	1	64	-	66
MEMPHIS (MEM)	8	7	48	67	-	130
MURFREESBORO (MURF)	-	1	15	4	-	20
NASHVILLE (NASH)	16	12	61	91	5	185
JOHN W. SELLARS - LEBANON (SEL)	-	-	15	24	1	40
TENNESSEE AT LARGE (TAL)	3	6	8	22	1	40
UPPER CUMBERLAND (UC)	1	-	2	7	-	10
TOTALS	52	54	290	460	11	910

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## MINUTES OF THE 1983 ANNUAL BOARD OF DIRECTORS AND BUSINESS MEETING

### BOARD OF DIRECTORS MEETING

The 68th Annual Meeting of the Board of Directors of the Tennessee Ornithological Society convened on 7 May 1983 at Ellington Hall, Reelfoot Lake State Park, Tennessee. Vice President for Middle Tennessee, Dan Gray, called the meeting to order with Secretary Pat Stallings recording the minutes. The minutes of the 11 November 1982 meeting were approved as read.

### REPORTS OF OFFICERS

The CURATOR, James T. Tanner, reported that sales of back copies of *The Migrant* had produced an income of \$106 during the past year.

The TREASURER, George R. Payne, Jr., reported for the period 13 November 1982 to 5 May 1983, assets of \$33,858.11, anticipated liabilities \$8,900.00, leaving a capital reserve of \$24,958.11. Income for the period was \$7,448.40; expenses were \$5,355.42. Present membership totals 806.

The EDITOR of *The Migrant*, Charles P. Nicholson, stated that the September 1982 issue of *The Migrant* is now being typeset. The December issue is ready except for two Season Reports which he has not yet received. Manuscripts are needed for forthcoming issues.

Sharon Bostick of Knoxville was introduced as the new EDITOR of *The Tennessee Warbler*.

There were no other officers' or directors' reports.

### REPORTS OF COMMITTEES

NOMINATING — Marcia Davis, Chairperson, presented the following slate of officers:

Vice Presidents:	East	Lil Dubke, Chattanooga
	Middle	Dan Gray, Columbia
	West	Carolyn Bullock, Memphis
Directors at Large:	East	Anne Young, Kingsport
	Middle	Robbie Hassler, Byrdstown
	West	David Pitts, Martin
Secretary:	Barbara Finney, Knoxville	
Treasurer:	George Payne, Jr., Memphis	
Curator:	James Tanner, Knoxville	
Editor, <i>The Migrant</i> :	Charles Nicholson, Norris	

There were no other nominations from the floor. Arlo Smith moved that nominations be closed; Randy Stringer seconded.

CONSERVATION — Bruce Wilkey, Chairperson, asked members to become involved by contacting their Congressmen, urging reauthorization of a strong Clean Water Act, Clean Air Act, and adequate funding for the recently renewed Endangered Species Act. Several environmental problems at the state level include toxic waste, which the Hazardous Waste Superfund Bill would alleviate

through levying fees to fund reclamation of old dump sites. The Land and Water Conservation Fund needs state appropriations to receive matching Federal funds. The Youth Conservation Corps Act would put unemployed young people to work on state conservation projects. Support of these proposals was recommended.

#### NEW BUSINESS

Nelle Moore expressed concern that there are some inconsistencies in the Constitution and moved that a committee be appointed by the new president to study and report at the next spring meeting; Arlo Smith seconded; the motion carried.

Charles Nicholson announced that the Tennessee Valley Authority is in the process of making land management plans for most of their reservoirs, and is presently working on Kentucky Lake. Members were asked to notify him or Linda Fowler of good birding areas or other unique areas along Kentucky Lake, particularly those not already within protected areas.

#### ANNOUNCEMENTS

FALL 1983 MEETING — The Buffalo River Chapter will host the fall meeting 18-20 November 1983 in Lawrenceburg.

SPRING 1984 MEETING — Rick Knight of the Lee R. Herndon Chapter extended an invitation for the spring meeting to be held at Roan Mountain, 18-20 May 1984. Cabins at the state park are available, but early reservations are required.

1983 FORAY — Charles Nicholson reminded everyone that the 1983 Foray will be conducted in Polk County, 27-30 May. The diversity of habitats there promises an interesting foray.

The meeting adjourned at 1645.

#### BUSINESS MEETING

After a buffet-style dinner at Ellington Hall, Jim Ferguson, president of the Memphis Chapter, welcomed people and expressed appreciation to the people responsible for the meeting arrangements, especially "General" Helen Dinkelspiel. Alice Smith, of the Memphis Chapter, was recognized as having been an active member of TOS for 50 years. Ten others who have been members for more than 50 years were recognized: Mrs. George Mayfield, Sr.; Vernon Sharp; Ben and Lula Coffey; Margaret Warden; Mr. and Mrs. George Woodring; Mary Davant; Jack Embury; and Franklin McKamey.

Dan Gray opened the business meeting with a report on the Board of Directors Meeting. He introduced Charles Nicholson and Bruce Wilkey who reiterated their reports and statements from the afternoon meeting.

Bob Hatcher, of the Tennessee Wildlife Resources Agency, announced that the supply of bird field checklists was low, and needed to be reprinted. The need to update it to reflect recent status and taxonomy changes was discussed. George Payne moved that the TOS Certification Committee be empowered to make the necessary revisions. Bruce Wilkey seconded, and the motion carried.

The slate of officers proposed by the Nominating Committee was presented. Helen Dinkelspiel moved that the recommendations of the committee be approved; Ken Dubke seconded and the new officers were elected.



Members present from each chapter and members-at-large were recognized. Announcements of the next fall and spring meetings and of the foray were made.

The gavel was presented to the incoming president, Tony Koella, who challenged members to broaden the base of participation in TOS and to involve more young people by sparking their interest in birds. Jim Ferguson introduced Joe Guinn, who presented a program of his slides of the Hatchie River accompanied by bird songs recorded by Ben Coffey.

PAT STALLINGS, *Secretary*

## MINUTES OF THE 1983 FALL MEETING AND SYMPOSIUM

The 1983 Fall Meeting and Symposium, consisting of a Board of Directors meeting, symposium, and field trips, was held in Lawrenceburg, Tennessee, 18-20 November 1983.

### BOARD OF DIRECTORS MEETING

The Fall Meeting of the Board of Directors was called to order on 19 November by President Tony Koella, with Secretary Barbara Finney recording the minutes. The minutes of the 7 May 1983 Board of Directors and Business Meetings were read and approved as corrected.

### REPORTS OF OFFICERS

VICE PRESIDENT for East Tennessee, Lil Dubke, reported on her visit to the Greeneville Chapter. She announced that she was serving as chairman of an ad hoc committee composed of the three vice presidents to aid the smaller chapters. She is compiling a list of speakers to be available to these chapters and assembling an outreach packet of aids for these groups. Dan Gray, VICE PRESIDENT for Middle Tennessee, outlined some of the items which could be used in the packet and some of the resources which chapters could develop for their members.

TREASURER George R. Payne, Jr., reported that there had been little change in the membership since the May meeting. He reported assets on hand of \$34,429.13 with anticipated liabilities of \$7,300.00 leaving a capital reserve of \$27,149.13. Income since the May meeting was \$1,922.51.

The CURATOR, James T. Tanner, was not present, but the President read his report. He said that there have been few requests for either purchase or replacement of lost copies of *The Migrant* since the May meeting and the back copy file is in good shape.

The EDITOR of *The Migrant*, Charles P. Nicholson, reported that only one copy of *The Migrant* had been mailed since the May meeting. The December 1982 issue is in progress, but will take longer since it will include a three-year index. A motion from the floor to delete the Christmas Count from *The Migrant* was heatedly discussed and defeated.

Sharon Bostick, EDITOR of *The Tennessee Warbler*, sent a report which was read by the President. She reported that one thousand copies of the newsletter were mailed in September.

Robbie Hassler, Middle Tennessee DIRECTOR-AT-LARGE, reported a request by the National Park Service to compile a bird checklist for the Big South Fork area. She requested any bird records that members had compiled from this area be given to her. She also outlined the land management plan for the Dale Hollow Lake which she urged members to read.

David Pitts, DIRECTOR-AT-LARGE for West Tennessee, yielded to Morris Williams. Williams recommended that the TOS donate a set of back issues of *The Migrant* to Dr. Ralph Palmer for use in the compilation of the *Handbook of North American Birds*. This motion was made by Pitts and seconded by Ben Coffey. The motion carried.

There were no other officers' or directors' reports.

#### REPORTS OF COMMITTEES

FINANCE — This committee had no report but will offer a report at the Spring Meeting. The President enlarged on the endowment program goals and requested ideas for the committee.

The FORAY was announced for 11-13 May 1984, at Reelfoot Lake with David Pitts in charge.

There was no Conservation Committee report.

#### NEW BUSINESS

President Koella thanked outgoing fall meeting director David Pitts for his work and announced that the new chairman would be Fred Alsop. The President also expressed appreciation to Lloyd Clayton and the Buffalo River Chapter for hosting the meeting.

#### SYMPOSIUM

The afternoon paper session, chaired by T. David Pitts, was held on 19 November. The following papers were presented:

CHARLES P. NICHOLSON — Results of the 1983 Polk County Foray.

GEORGE R. PAYNE, JR. — Western species of hummingbirds at Memphis.

ROBERT HATCHER — Review of Tennessee Wildlife Resources Agency's non-game program.

DEAN RUNDLE — Habitat management for rails and shorebirds.

DON HAMMER — Golden Eagle restoration.

RICK KNIGHT — Fall banding at Austin Springs.

The evening program, "Reelfoot Lake, Past, Present, Future," was presented by Dr. Wintfred L. Smith.

BARBARA W. FINNEY, *Secretary*

## BOOK REVIEWS

PRIVATE LIVES OF GARDEN BIRDS — Calvin Simonds. 1984. Rodale Press, Emmaus, Pennsylvania. 175 pp. \$14.95. — The author of this book, who uses Calvin Simonds as a pen name, describes himself as a behavioral biologist turned natural historian. His book is directed at readers who already have some appreciation of nature through gardening, but know little about birds. The stated purpose of this book is to introduce readers to some aspects of bird behavior, and in the process, help readers gain a deeper appreciation of nature. To do this, he describes aspects of the behavior of 10 species or species groups of birds, from phoebes through House Sparrows, devoting a chapter to each. Included are discussions of the differences in song between Northern Mockingbirds, Brown Thrashers, and Gray Catbirds, descriptions of Song Sparrow dialects, dispersal in Blue Jays, and Red-winged Blackbird mating systems. I was somewhat taken aback by his defense of "English" Sparrows, but it is in keeping with his organic gardening approach. Several classic bird behavioral studies, and some not yet classic, are alluded to, without the citations being given. This is, however, in keeping with the author's informal writing style, which includes descriptions of many personal encounters with birds. The author concludes with a chapter giving advice on attracting birds to the yard, how to put up birdhouses and feeders, and descriptions of field guides and other helpful bird books. — CHARLES P. NICHOLSON

BIRDS OF ROAN MOUNTAIN AND VICINITY. By Glen Eller and Gary Wallace. (1984). Elizabethton, Tennessee, privately published. 12 pp. \$1.50 + .40 postage from Glen D. Eller, Rt. 9, Box 1340, Grandview Terrace, Elizabethton, TN 37643. The main part of this booklet is a listing of 173 species of birds in the Roan Mountain area of Tennessee and North Carolina. For each species, bar graphs show seasonal and altitudinal distribution, and breeding species are noted. The area covered varies from an elevation of 2,564 feet at the town of Roan Mountain to 6,285 feet on Roan High Knob. The habitat in this area includes agricultural lands, oak-hickory forests, cove hardwoods, northern hardwood forests, spruce-fir forests, and both grassy and shrub balds. The information used in assembling this booklet is based mostly on the records of the Lee R. Herndon (Elizabethton) Chapter of the Tennessee Ornithological Society. Records are mainly from 1970. Both sight records and some banding records were used. It is unclear how much use was made of early records from Roan Mountain; in any event, no attempt has been made to show changes in bird populations. For example, the Peregrine Falcon is not indicated as having formerly nested on Roan Mountain.

With the publication of this booklet, Tennessee birders now have another helpful regional publication available to them. Mine will sit on a readily accessible shelf alongside Stupka's *Birds of the Great Smoky Mountain National Park*, Parmer's *Birds of the Nashville Area*, and Waldron's *Seasonal Occurrences of Shelby County, Tennessee Birds*. — CHARLES P. NICHOLSON

## THE SEASON



SUMMER: 1 JUNE - 31 JULY 1983

For me, the summer season is among the most important and exciting seasons of the year. Although the odds of adding a rare bird to one's state list are perhaps lowest during this period, every TOS member can make meaningful contributions to ornithology during the summer. This can be done by reporting observations of those birds presently undergoing increases or declines in numbers, by reporting new localities for species moving east or west in the state, and simply keeping notes on the nesting of common birds about the house.

Several species which have been expanding their breeding range in Tennessee continued to do so this season. Willow Flycatchers were found at new sites in Middle and East Tennessee. Tree Swallows nested for the first time in Nashville, and were found near Watauga Lake, and small flocks of Bank Swallows were present during June near Knoxville and at Kingston Steam Plant. Song Sparrows were once again found at new sites in Middle Tennessee, and a House Finch was present in Memphis in late June. It is only a matter of time before this species is nesting throughout the state.

An exciting development was the likely nesting of Bald Eagles in both the Central Plateau and Basin, and in the Eastern Ridge and Valley Regions. Few comments regarding the weather were received from regional compilers, except that during July temperatures were greatly above normal and rainfall was greatly below normal. — CHARLES P. NICHOLSON.

**WESTERN COASTAL PLAIN REGION**—Much of the summer birding effort in the Memphis area was centered around the Ensley Sewage Lagoons, in hopes of again finding nesting Black-necked Stilts. The lagoons only hosted the usual shorebirds in moderate numbers, and no stilts were observed.

*Heron-Finch:* Yellow-crowned Night-Heron: 7 May (8 active nests), 12 Jul (5 nests, egg shells under 2 nests) Hatchie River near Hwy 18, Hardeman Co. (Chuck Cook). Ruddy Duck: 7 Jun - 12 Jun (6) Robco Lake (BBC, LCC). Green-winged Teal: 23 Jul (4) ESL (DAD, JRW). Killdeer: 15-17 Jul (200) PBP (CGD). WILLET: 15 Jul (2) PBP (CGD). Semipalmated Sandpiper: 23 Jul (2) ESL (DAD, JRW); 29 Jul (2) ESL (BBC, LCC). White-rumped Sandpiper: 23 Jul (7) ESL (DAD, JRW). Stilt Sandpiper: 23 Jul (3) ESL (DAD, JRW). Least Tern: 10 Jul (4) calling and dive bombing, 1 with minnow, scrapes found but no eggs or young, 16 Jul (2 young, 9-10 days old) on mainland near mouth of Wolf River, Shelby Co. (BBC, LCC, JRW). This is the 2nd mainland Least Tern nesting known for Tennessee. Scissor-tailed Flycatcher: 24 Jun (1) 1-40 at mile 53-54, Haywood Co. (JCM). Tree Swallow: 15-17 Jul (2000) REL (CGD). White-breasted Nuthatch: 16 Jun, 2 Aug (1) Overton Park, MEM, first in 17 years (BBC). White-throated

Sparrow: 23 Jun (1) MEM (BBC, LCC). House Finch: 29-30 Jun (1) MEM (JLL), first June record for west Tennessee.

*Locations:* ESL—Ensley Sewage Lagoons, Shelby Co.; MEM—Memphis; BBP—Phillippy Borrow Pits, Lake Co.

MARTHA G. WALDRON, 1626 Yorkshire Dr., Memphis, TN 38117.

CENTRAL PLATEAU AND BASIN REGION—Despite many observers' demurrals about the dullness of the nesting season, as well as about the uncomfortable conditions which prevail then, summer remains the most important of all seasons in terms of the need for coverage of avian populations. This importance derives from the fact that the population of many regional species is determined by the breeding success or failure that occurs in a few weeks for most species during the nesting season. Particularly at this time the birds nesting in the region — over 125 species in all — require attention from field observers, yet all too often this is the season when field work ceases or slows considerably, with the result that many species' status remains enigmatic.

Certainly projects are undertaken each summer which yield valuable information. For instance, the 15 Breeding Bird Surveys (BBS) conducted in the region are undoubtedly the most ambitious and important of all the work which occurs during the summer. This year the BBS routes accounted for data on 95 species of nesting birds. Many of them are in good shape, judging from BBS results, but many, particularly neotropical migrants which nest in the region, have a less certain status. In part, this uncertainty stems from the relatively tiny portion of the region which is covered by the BBS routes; fewer than one half of the region's counties have part or all of one route within their boundaries. Of the counties which do have a route, only a fraction of each is censused by the BBS cooperator. Another reason for our uncertainty about the status of some species stems from the circumstance that some habitats are not covered by BBS routes. For example, Willow Flycatcher has never been recorded on a BBS route in the region, mainly because no route contains much habitat favored by this marsh-haunting species. Consequently, Willow Flycatcher data must be obtained from other sources. However, dedicated field observers who locate, monitor, and report on these populations are scarce. The same condition prevails for several other species in the region: Least Bittern, Yellow-crowned Night-Heron, King Rail, Spotted Sandpiper, Common Barn-Owl, and (recently) House Finch.

Besides the BBS Program, several other projects important to understanding the status of breeding birds in the region occur each summer. These include breeding bird banding projects, heron rookery censuses, and raptor hacking programs. The first of these is carried out by licensed banders, who work under the auspices of the U.S. Fish and Wildlife Service. Much of what we know, for instance, about the status of the regional Eastern Bluebird population stems from such work, especially that conducted in Cheatham County by John and Martha Herbert. Their work showed that the hot and near record dry July of 1983 affected bluebirds negatively, as it probably did other species.

Another project associated with the breeding birds of the region is carried out by the Tennessee Valley Authority, which annually monitors heron rookeries in the Tennessee Valley region. The work of TVA biologist Burline P. Pullin has added significantly to our knowledge of wading bird numbers in the region. As it turns out, a bare handful of rookeries account for the majority of herons which we enjoy each year; consequently, close monitoring of these sites is essential if we are to detect downward trends in time to counteract them.

The hacking programs which are carried out in Tennessee each summer are our best current means of reestablishing nesting populations of some hawks and owls which are rare in, or have been extirpated from, the region. Many volunteers make this program possible; without the many hours which they donate to the cause of raptor conservation, our area's avifauna would be poorer. Their efforts may lead to the eventual return to our region of such impressive birds of prey as the Osprey and Bald Eagle.

It is a pleasure to add one final note related to the breeding birds of the region. Based on circumstantial evidence which will be related in the Fall 1983 report, there is a very high probability that a successful Bald Eagle nesting took place in the western portion of the region. It would represent the first natural nesting of the species in the state since 1961, when eagles nested near Reelfoot Lake. This information is available now because field workers were out during the warm days of summer, when nothing is supposed to be happening in the region; obviously much was.

*Loon-Teal:* Common Loon: 19 Jul (1 in winter plumage) Hamilton Creek, Percy Priest L. (DFV), limited summer records in region. Great Blue Heron: 23 Mar (90 active nests) Duck River Unit, Tennessee National Wildlife Refuge (BPP); 17 May (88 active nests) AEDC ponds, CFC (BPP). Great Egret: 9-18 Jul (1) PPL (ABP, RDP). Little Blue Heron: 9 Jun (1 ad) Loretto, LWC (DKS, DJS, RN); 20 Jul (12) Lake Barkley WMA, SWC (DWB); 31 Jul (3 imm) PPL (ABP, RDP). Cattle Egret: 4 Jul (3) HIC (Kenneth G. Anderson); 11-16 Jul (5) PPL (ABP, RDP); 28 Jul (6) PPL (ABP, RDP). Black-crowned Night-Heron: 21 Jun (298 active nests estimated; other estimates lower) Bordeaux Heronry, DVC (BPP); 17 Jul (12) Bear Creek WMA, SWC (DWB). Yellow-crowned Night-Heron: 21 Jun (1 active nest) Mill Creek, DVC (BPP); 17 Jul (3) Bear Creek WMA, SWC (DWB); all season (4) Metro Center, DVC (DFV). Mallard: 4 Jun (1) Glen BBS, GYC/WRC (DRJ), no other reports received. Blue-winged Teal: 10 Jun (2 males) GSP (DTC, JPC).

*Osprey-Tern:* Osprey hacking results: 2 hacked on PPL (RDP); 1 hacked in Sumner Co. (Wick Comer); 2 hacked Woods Reservoir (Carolyn Franklin); 26 Jun - 28 Jul (1 color-marked ad) PPL (RDP); 11-30 Jun (1 unmarked ad) PPL (RDP). Bald Eagle: 3 hacked at LBL (*vide* Tony Campbell). Cooper's Hawk: 11 Jun (1) Pond Creek BBS, CHC (John O. Ellis). *Accipiter* sp.: 12 Jun (1) Union Hill BBS, CYC/MCC (CPN). Broad-winged Hawk: all season (nesting) Basin Springs, WMC (KAG); sighted on 3 BBS routes. Wild Turkey: 2 Jun (1) Bear Creek WMA, SWC (*vide* SJS); 3 Jun (1 ad, 3 y) Devil's Backbone, LBL (*vide* SJS). Spotted Sandpiper: all season (3 ad, 3 nests, 11 y) Metro Center, DVC (DFV), fifth year in a row at this site. American Woodcock: 12 Jun (1) Long Pond Slough, MTC (*vide* SJS). 16 June (2) Dover (DWB); 5 Jul (1) May Prairie, CFC (*vide* SJS). Ring-billed Gull: 8 June (8) Old Hickory Lake, DVC (*vide* LFK), probable summering. Caspian Tern: 4 Jun (4) GSP (LFK), 2nd Nashville area June record; 24 Jul (1) GSP (DTC, JPC).

*Barn-Owl - Swallow:* Common Barn-Owl: 1 Jun and 11 Jun (2 and 3) Clarksville (Ellen J. Walker); July (2 hacked) Ashland City (John Herbert); July (2 hacked) RUC (*vide* Tom Grelen). Chuck-will's-widow: 13 Jun (1) Byrdstown (RCH), uncommon on Highland Rim. Red-headed Woodpecker: all summer (pair) Metro Center, DVC (DFV); recorded on BBS in CFC, SUC, MHC, and WMC; CHC population not monitored? Willow Flycatcher: 12 Jun (2 singing) Misery Swamp, MTC (*vide* SJS); all summer (5 singing, 1 nest found) Metro Center, DVC

(DFV); located in CHC — Dyson's Ditch and Sam's Creek, and DIC — Pardue Pond. Horned Lark: 4 Jun (1) Glen BBS, GYC/WCY (DRJ), only report for season. Tree Swallow: all summer (2 ad, nest, 3 y fledged) Metro Center, DVC (DFV), first Nashville area nesting record. Bank Swallow: 16 Jun (1) Dover (DWB), rare breeder. Cliff Swallow: 9 Jun (8) West Point, LWC (DKS, DJS, RN); most CHC sites active.

*Wren-Warbler*: Bewick's Wren: 27 May (1) Peytonsville BBS, WMC (SJS); 1 Jun (3) Indian Mound BBS, MTC/SWC (*fide* KAG); 9 Jun (1) LWC (DKS, KJS, RN); present WLC (Earline Berry), RUC (Ruth V. McMillan), and SUC (DTC, JPC). House Wren: 1 Jun (1) Indian Mound BBS, MTC/SWC (*fide* KAG), rare breeder except in suburban Nashville. Cedar Waxwing: 1 Jun (7, flock) Indian Mound BBS, MTC/SWC (*fide* KAG), migrants. Eastern Bluebird: all summer (324 banded) near Ashland City (Martha F. Herbert), compares with 451 in 1982 and 365 in 1981. Black-throated Green Warbler: 5 Jun (1 singing) Nacom, HIC (George R. Mayfield, Jr.), either late migrant or very rare breeder, probably former. Pine Warbler: 4 Jun (nest) Gatlin Point, LBL (DWB).

*Grosbeak-Finch*: Blue Grosbeak: 13 Jun (2) Byrdstown (RCH); reported on 11 BBS, so in good shape. Dickcissel: 4 Jun (10) Glen BBS, GYC/WRC (DRJ), high number; 1 Jul (1) Metro Center, DVC (DFV); absent Pardue Pond, DIC. Lark Sparrow: 12 Jun (1) Union Hill BBS, CYC/MCC (CPN); present WLC and RUC. Grasshopper Sparrow: recorded on 5 BBS with high of 4 on Glen route; present Del Rio Pike, WMC. Song Sparrow: 3 Jun (1 singing) Dozier's Dock, CHC (*fide* SJS); 24 Jul (1 singing) GSP (DTC, JPC); all summer (40 singing) Metro Center, DVC (DFV); recorded on 3 eastern BBS with high of 17 on Glen route. Northern (Baltimore) Oriole: recorded 2 BBS — MHC and Cannon/Bedford Counties. House Finch: 4 Jul (1) Nashville (Larry D. Raye), rare summer, but breeding imminent.

*Locations* (and abbreviations): ad—adult; CFC—Coffee Co.; CHC—Cheatham Co.; CYC—Clay Co.; DIC—Dickson Co.; DVC—Davidson Co.; GSP—Gallatin Steam Plant, Sumner Co.; GYC—Grundy Co.; HIC—Hickman Co.; imm—immature; L.—Lake; LBL—Land Between the Lakes, Stewart Co.; LWC—Lawrence Co.; MCC—Macon Co.; MHC—Marshall Co.; MTC—Montgomery Co.; PPL—Percy Priest Lake, Rutherford Co.; RUC—Rutherford Co.; SUC—Sumner Co.; SWC—Stewart Co; WLC—Wilson Co.; WMA—Wildlife Management Area; WMC—Williamson Co.; WRC—Warren Co.; y—young.

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EASTERN RIDGE AND VALLEY REGION—The avian populations should be more settled during this period than during any other time of the year. Close observation revealed a few shorebirds still present the first part of June at the Kingston Steam Plant. Very close scrutiny by alert observers further revealed changes in numbers of some populations and possible nesting in new locations by others. Some of the birds with changes included lower numbers of House Wrens, possible nesting Bank and Tree Swallows and out-of-range Solitary Vireos singing on territory.

The small nesting population of Ospreys on Watts Bar Lake continues to expand. This year a total of 15 young were produced from 7 active nests. Excitement was generated when two adult Bald Eagles and a single immature

appeared on Nickajack Lake in June and July. Close observation will be made to verify actual nesting in the area.

All reports received on Loggerhead Shrikes have been incorporated in the report. Birders should continue to document and forward their observations on this sensitive species. Only in this manner will we have a benchmark regarding future population changes with the small scattered number of nesting shrikes.

Toward the middle and end of July population changes were detected with shorebirds moving south and wandering herons traditionally moving north.

*Egret-Hawks:* Great Egret: 26 Jun (1) LOU (MLD); 28 Jun (1) NRL (JCH); 9 Jul (1) AUS (GOW); 29 Jul (8) DOL (WKJ). Little Blue Heron: 9 Jul (1) SAB (KHD, LHD); 12 July (1) KSP (KHD, LHD); 12 Jul (1) HRA (KHD, LHD); 21-28 Jul (6) EBF (LJF); 24 Jul (1) AUS (RLK); 26-31 Jul (12-15) RAB (JAK). Cattle Egret: 30 Jun (1) Greeneville (James Pentecost *vide* CPN). Green-backed Heron: (10-30) EBF (LJF). Black-crowned Night-Heron: 24 Jul (2) AUS (RLK). Yellow-crowned Night-Heron: 11 Jul (8 ad, 5 imm) CHA (Judy K. Boyles, Katherine Boyles). Redhead: 3 Jul (1) Greene Co. (JAK). Ring-necked Duck: 7 Jun (1) KSP (KHD, LHD). Greater Scaup: 7 Jun (1) KSP (LHD). Osprey: a total of 7 nests on WBL produced a total of 15 young (T. Ed Beddow). Bald Eagle: on 24 Jun 2 adults were reported on Nickajack Lake (James C. Pettyjohn), then on 16 Jul an immature was found there (CTOS); all three of the birds were then found on a regular basis for the remainder of the period (CTOS). Sharp-shinned Hawk: 12 Jul (1) AUS (RLK); 23 Jun (1 with food) Greenback, Loudon Co. (CPN). Cooper's Hawk: 27 Jun (1) EJC (EHS).

*Coot-Horned Lark:* American Coot: 7 Jun (3) NIL (KHD, LHD); 4-12 Jul (1) KSP (KHD, LHD, PCH); up to 12 during the period CHL (KHD). Semipalmated Plover: 21-28 Jul (1-9) EBF (LJF). Killdeer: 21-28 Jul (97-112) EBF (LJF). Greater Yellowlegs: 31 Jul (3) RAB (JAK). Lesser Yellowlegs: 12 Jul (1) KSP (KHD, LHD); 21-26 Jul (2-3) EBF (LJF); 31 Jul (3) KSP (LJF); 31 Jul (9) RAB (JAK). Solitary Sandpiper: 12 Jul (1) KSP (KHD, LHD); 18 Jul (1) AUS (RLK); 18 Jul (2) HRA (KHD, LHD). Semipalmated Sandpiper: 7 Jun (9) KSP (KHD, LHD); 31 Jul (4) KSP (LJF); 31 Jul (3) RAB (JAK). Least Sandpiper: 12 Jul (2) KSP (KHD, LHD); 21-28 Jul (1-6) EBF (LJF); 31 Jul (2) RAB (JAK). White-rumped Sandpiper: 4 Jun (2) KSP (MLD); 7 Jun (1) KSP (KHD, LHD); 31 Jul (4) KSP (LJF); 31 Jul (3) RAB (JAK). Least Sandpiper: 12 Jul (2) KSP (KHD, LHD); 21-28 Jul (1-6) EBF (LJF); 31 Jul (2) RAB (JAK). Baird's Sandpiper: 31 Jul (4) RAB (JAK). Pectoral Sandpiper: 21-28 Jul (3-26) EBF (LJF); 25 Jul (1) AUS (RLK). Common Snipe: 25 Jul (1) HRA (PCH). Caspian Tern: 4 Jul (1) KSP (KHD, LHD, PCH). Forster's Tern: 25 Jul (1) SAB (KHD, LHD). Black-billed Cuckoo: 6 Jun (1) EJC (RL). Yellow-billed Cuckoo: good increase on some BBS routes in KNX area (CPN). Common Barn-Owl: 2 pair regular near BOL (RLK). Red-headed Woodpecker: 2 pair present Jonesborough (RLK). Willow Flycatcher: no nests found, but 3-5 singing around AUS (RLK); 1 on Smokey Jct. BBS route, Scott Co., first time ever there (CPN); one singing regular Amnicola Marsh (Johnny T. Parks). Eastern Phoebe: good increase on some BBS routes in KNX area (CPN). Horned Lark: up to 30-40 at WHP (JAK).

*Swallows-Warblers:* Tree Swallow: on 4 Jun 4 adults were noted feeding around the same area on Douglas Lake where they were suspected of nesting in 1982, on 26 Jun 2 adults were still present, but no young were noted (JAK). Bank



Swallow: 9 Jul (1) AUS (GOW, RDL); a small flock was present during the summer in east Knox Co., but the nesting area could not be found (PDH); also they were present into Jun at KSP (MLD, KHD, LHD). Cliff Swallow: 9 Jul (2) AUS (GOW, RDL). Carolina Wren: populations are continuing to increase KNX area; numbers on several BBS routes there equalling or exceeding those of the mid-1970's (CPN). House Wren: numbers lower than usual EJC (LHTOS); only 2 birds heard singing in Newport, contrasted to the 16 heard in 1982 (JAK). Sedge Wren: 31 Jul (1) SAB (KHD, LHD). Cedar Waxwing: 4 Jul (2) KSP (KHD, LHD, PCH). Loggerhead Shrike: no nesting recorded, but 2-3 individuals present, southern Washington Co. (RLK); four reports KNX (PDH, CPN); 12 Jul (3, family group?) SAB (KHD, LHD); 14 Jun (1 ad, 3 y) CHA (RAR); 18 Jul (1) Pikeville (RAR). Solitary Vireo: 14 Jun (1 singing on territory) RER (KHD, LHD); 5 Jun (2 singing) Fall Creek Falls State Park (KHD, LHD). Prothonotary Warbler: 30 Jun, 2 Jul (1-2) along the Watauga R. near AUS (MD, JW, GOW). Swainson's Warbler: 14 Jun (2 singing) RER (KHD, LHD).

*Tanager-Finch*: Summer Tanager: seems to be more scarce each summer EJC area (LHTOS) — no comments received from other areas. Dickcissel: none noted at WHP (JAK). Grasshopper Sparrow: after 5 years of steady decline EJC the past 2 years have shown a 10-15% increase there (LHTOS); some local increase KNX; 12 on territory in Vonore area (CPN). Bobolink: 24 Jul (1) AUS (RLK) — this record is considered an early migrant for their area. Northern Oriole: usual scattered birds EJC (LHTOS). House Finch: 1-2 birds, with young, reported from winter feeding stations EJC — no nests found there (LHTOS); nesting population in KNX continues to increase there (CPN).

*Locations*: AUS—Austin Springs; BOL—Boone Lake; CHA—Chattanooga; CHL—Chickamauga Lake; DOL—Douglas Lake; EBF—Eagle Bend Fish Hatchery; EJC—Elizabethon - Johnson City; HRA—Hiwassee River Area; KNX—Knoxville; KSP—Kingston Steam Plant; LOU—Louisville; NIL—Nickajack Lake; NRL—Norris Lake; RAB—Rankin Bottoms (Cocke County section of Douglas Lake); RER—Reflection Riding, Chattanooga; SAB—Savannah Bay; WBL—Watts Bar Lake; WHP—White Pine.

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EASTERN MOUNTAIN REGION—Two highlights of this season in upper East Tennessee were apparently territorial Hermit Thrushes on Roan Mountain, and fledgling Tree Swallows on Watauga Lake. Temperatures were above average much of the period, and rainfall was below normal. The hot, dry weather apparently had little effect on nesting birds.

*Loon-Sandpiper*: Common Loon: 14 Jun (1 in breeding plumage) WBL (RLK), very late. Yellow-crowned Night-Heron: no nests located, irregular throughout period (*vide* GDE). Sharp-shinned Hawk: 15 Jun (1) RNM (RLK); 3 Jul (1) WatL (GDE); 12 Jul (1) StJ (RLK). Cooper's Hawk: 4 Jul (1) WatL (GDE). Osprey: 23 Jul (1) WatL (GDE). Wild Turkey: 6 Jul (1 ad, 5 y) Cross Mtn (EHS). American Woodcock: 19 Jun (1) RNM, 5500' elev. (RLK). Spotted Sandpiper: 25 Jul (1) RNC (RLK). Pectoral Sandpiper: 25 Jul (1) StJ (RLK). BAIRD'S SANDPIPER: 25 Jul (1) RNC (RLK). Least Sandpiper: 22 Jul (1) StJ (RLK).

*Owl-Nuthatch*: Common Barn-Owl: 2 pairs with y at SHL (*vide* GDE, RL). Great Horned Owl: 25-26 Jun (2) Siam Valley, ELI (GOW). Hairy Woodpecker: fewer summer sightings in ELI area each season (GDE). Willow Flycatcher: 3-5

birds present through period, ELI area (RLK *et al.*). Alder Flycatcher: first seen 5 June, at least 5 singing males, RNM (GDE, RLK *et al.*). Horned Lark: 21 Jun (2) Round Bald, RNM (RLK). Tree Swallow: 9 Jun - 25 Jul (several young birds) RNC (RLK *et al.*). Red-breasted Nuthatch: several present on RNM, after absence during winter and spring (RLK *et al.*).

*Wren-Finch*: Winter Wren: present through period, RNM (RLK). HERMIT THRUSH: 10 Jun - 8 Jul (1-3 singing males) Roan High Knob, RNM (DRJ, RLK), no nests located. Golden-winged Warbler: 2-3 pairs through period at Roan Mtn. State Park (HHD, MD, SG, RLK). Swainson's Warbler: 16 Jun (1 singing male) Shady Valley (RLK). Grasshopper Sparrow: 1-2 pairs in ELI area (GDE), 2-3 pairs near SHL (RL). House Finch: 2-3 different sightings of young birds in ELI area (GDE, RLK, RL).

*Locations*: ELI—Elizabethton; RNC—Roans Creek, upper Watauga Lake; RNM—Roan Mountain, TN-NC; SHL—South Holston Lake; StJ—St. Johns Pond, ELI; WatL—Watauga Lake; WibL—Wilbur Lake.

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**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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## CONTENTS

A NESTING STUDY OF WOOD DUCKS ON KENTUCKY LAKE, TENNESSEE. <i>Veit M. Spero, F.G. Dallmeier, R.M. Wheat, and T.D. Pitts</i> .....	69
AUTUMN HAWK FLIGHTS — 1983 <i>Linda J. Fowler</i> .....	76
REQUEST FOR ASSISTANCE .....	80
MINUTES OF THE 1983 ANNUAL BOARD OF DIRECTORS AND BUSINESS MEETING. <i>Pat Stallings, Secretary</i> .....	81
MINUTES OF THE 1983 FALL MEETING AND SYMPOSIUM <i>Barbara W. Finney, Secretary</i> .....	83
BOOK REVIEWS .....	85
THE SEASON. Summer: 1 June - 31 July 1983 .....	86
Western Coastal Plain Region. <i>Martha G. Waldron</i> .....	86
Central Plateau and Basin Region. <i>Stephen J. Stedman</i> .....	87
Eastern Ridge and Valley Region. <i>Kenneth H. and     Lillian H. Dubke</i> .....	89
Eastern Mountain Region. <i>Glen D. Eller</i> .....	91
Observers .....	92
MEMBERSHIP LIST .....	i-xvi