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THE 1983 SPRING FIELD DAYS

RICHARD L. KNIGHT

This year 225 species were recorded on 13 counts across Tennessee. The species total is a record high, exceeding considerably the 217 species reported in 1977 and 1981. This accomplishment was greatly enhanced by having the TOS Spring Meeting at Reelfoot Lake, as 13 species were found exclusively in that area. Thirteen counts is about the average of the past decade. Nashville and Reelfoot Lake lead all counts with an impressive 180 species each.

The most unusual species reported were Black Rail, Black-necked Stilt, Hudsonian Godwit, Laughing Gull, and Western Meadowlark. Other notables include American White Pelican, Common Moorhen, 24 species of shorebirds, 5 species of terns, and all 36 species of regularly occurring warblers.

Compilers are requested to submit the following information: area covered, unless recently published (examples - Lake and Obion Counties or 30 mile radius from Nashville courthouse), weather summary, number of observers and parties, party hours, and details for unusual species. The inclusion of this data with the counts will make possible more accurate and meaningful comparisons.

As is customary, the counts are tabulated as they occur from west to east across the state.

INFORMATION ON THE COUNTS

MEMPHIS — 1 May; overcast; temp. 68-75°F; wind NW, 15-35 mph; Meeman-Shelby Forest S.P. in AM; Ben B. Coffey, Jr. (compiler — 672 N. Belvedere, Memphis 38107); group leaders: William Bean, Lula Coffey, Helen Dinkelspiel, Rob Peeples, and Martha Waldron; PM coverage — Penal Farm, south along Miss. River to Robco Lake, and Ensley Bottoms by Jeff Wilson. The Black-necked Stilt was seen in the area where a pair nested last year.

REELFOOT LAKE — 6-8 May; Lake and Obion Counties; Ben B. Coffey, Jr. (compiler); trip leaders: James Ferguson, Bill and Rob Peeples, and David Pitts; also separately or with small groups: Helen Dinkelspiel, Rick Knight (part 5 May also, boat 6 May), James Tanner, and Jeff Wilson (canoe 7 May). This count was in conjunction with the Spring Meeting of TOS. The Hooded Mergansers were a flock of young. Most shorebirds were in Lake County. Sanderlings 5 May only; Golden and Black-bellied Plovers, Ruddy Turnstone 7 May only; White-rumped Sandpiper and Hudsonian Godwits 8 May only (J.W., George Payne, Claude

Brown). Connecticut Warbler in Obion County 7 May (no details). Western Meadowlark 5-8 May (R.K., m.ob.); another 8 May (G.P.), 5 miles south of first (both identified by song).

LAWRENCEBURG — 30 April-1 May; Lawrence County; Sat. - 0540 to 2030, overcast, rain began 1600, temp. 64-81°F; Sun. - 0800 to 2030, mostly cloudy, temp. 60-75°F; wind light and variable both days; 12 observers in 5 parties — Andy Augustin, David Beckman, Lloyd M. & Lloyd W. & Helen Clayton, Bill & Jane Egly, Lee Mann, Royce Neidert, Damien J. Simbeck (compiler — Rt. 2, Box 3A, Loretto 38469), Don K. Simbeck, Wylie Willis. Excellent details submitted for unusual species.

CLARKSVILLE — 7-8 May; Montgomery County; average temp. 65°F; wind 20 mph; 6 observers — Joe Allen, Annie Heilman, Bill Hudson, Nancy Hughes, John Quick (compiler — Rt. 1, Box 114B, Cunningham 37052), Ellen Walker.

COLUMBIA — 30 April; overcast; average temp. 60°F; windy; 15 observers — George Mayfield (compiler — 999 Sunshine Dr., Columbia 38401). Also reported: *Empidonax* sp.-1.

NASHVILLE — 30 April-1 May; 30 mile radius from Nashville courthouse; cloudy to heavy rain on 30 April; clearing, windy on 1 May; 69 observers — Jan & David Alexander, Mildred Ansley, John Bates, Sue Bell, Michael Bierly, Polly Clark, Jean Cobb, Bonnie Copeland, Dot & Paul Crawford, Annella Creech, Jerry Drewrey, Milbrey Dugger, Evelyn & John Ellis, Adele Elom, Bob English, Charles Farrell, Dick Farver, Martha Fenker, Clara Fentress, John & Karen Filley, Lucy Finch, Ray Fleischer, Ann Fort, Ann Foster, Katherine Goodpasture, Mary Ann & Tom Guschke, Bessie Hagan, Tom Harston, Ann Houk, Louise Jackson, Ed Jolly, Carol Knauth, Hazel & Lee Kramer, Pete Lefferts, Gahlen & Sarah Lenhart, Adiene Lyon, Margaret Mann, Jane Maynard, Tom McCall, Rocky Milburn, Polly Miller, Anne Nichols, Marge & Oscar Patrick, Audrey & Don Perry, Mary Porter, Virginia Price, Sharon & Steve Rannels (compiler — 1900 Rosewood Ave., A-9, Nashville 37212), Larry Raye, Betty Richards, Jim Snapper, Helen Sterling, Carol Stewart, Ellen Stringer, Ann Tarbell, Lawrence Trabue, Evelyn Tretter, Kenneth & Sara Walkup, Virginia Workman. Also reported: peep sp. - 2, *Empidonax* sp. - 3.

MURFREESBORO — 30 April-1 May; Rutherford County; mostly cloudy both days; temp. 65-70°F; 16 observers — Lou Erwin, C.E. Greever, Edith Haynes, Anne Hettish (compiler — 1018 Lawndale Dr., Murfreesboro 37130), Richard Hunter, Wilma J. Hunter, Wren Jones, Jenny Justice, Larry McFarlin, Gene & Ruth Odom, John Patten, Ernest Smith, Alberta Spence, Frances Vaughan, Terry Witt.

LEBANON — 30 April-1 May; Wilson County; Sat. - overcast, Sun. - clearing; temp. 60-73°F; 10 observers — Earline C. & Vernon C. Berry, Fred Detlefsen, Tony Halterlein, M.R. McMillan, Ruth V. McMillan (compiler — Rt. 2, Box 141, Lascassas 37085), Ray Pope, Jeff Reed, Billy See, Grace Speck.

HIGHLAND RIM — 29-30 April; partly cloudy. No other details submitted.

CHATTANOOGA — 30 April-1 May; 14 observers — Dale Bloom, Katherine Boyles, Ken & Lil Dubke, Paul Harris, Pam Hinckley, Frank Hixson, Daniel Jacobson, Starr Klein, Johnny Parks, Peter Robinson, Robin Rudd, Jo

1983 SPRING FIELD DAYS

	Memp	Reel	Lawr	Clar	Colu	Nash	Murf	Lebu	High	Chat	Knox	Gree	Eliz
Common Loon	1	--	--	--	--	24	--	4	--	1	--	--	8
Pied-billed Grebe	1	3	--	--	4	4	2	--	1	1	--	--	1
Amer. White Pelican	--	25	--	--	--	--	--	--	--	--	--	--	--
Double-cr. Cormorant	--	4	--	--	--	32	--	11	--	2	1	--	--
American Bittern	2	1	--	--	--	2	--	--	--	1	--	--	--
Least Bittern	--	1	--	--	--	2	--	--	--	1	--	--	--
Great Blue Heron	--	120	--	--	1	5	--	2	--	7	2	3	3
Great Egret	--	36	--	--	--	--	--	--	--	1	--	--	--
Snowy Egret	--	6	--	--	--	--	--	--	--	--	--	--	--
Little Blue Heron	1	41	--	--	--	1	1	--	--	--	--	--	--
Cattle Egret	20	78	--	--	--	1	1	--	--	--	--	--	--
Green-backed Heron	6	3	6	--	3	38	12	11	1	9	15	10	18
Black-cr. Night-Heron	--	1	--	--	2	172	--	7	--	--	10	--	--
Yellow-cr. Night-Heron	12	12	--	--	2	2	1	--	--	4	--	--	--
Canada Goose	2	2	6	--	3	228	41	144	3	48	11	30	4
Wood Duck	14	54	--	--	4	36	6	9	--	24	27	28	34
Amer. Black Duck	--	2	--	--	--	--	--	--	--	--	5	6	--
Mallard	21	23	6	2	4	42	2	7	2	14	3	19	34
Blue-winged Teal	43	30	--	--	12	56	--	16	15	23	14	5	15
Northern Shoveler	10	3	--	--	--	--	--	--	--	--	--	--	--
Gadwall	--	3	--	--	--	1	--	--	--	4	1	--	--
Greater Scaup	--	--	--	--	--	--	--	--	--	3	--	--	--
Lesser Scaup	--	8	--	--	--	--	--	--	--	--	1	--	--
Bufflehead	--	--	--	--	--	1	--	--	--	--	--	--	21
Hooded Merganser	--	8	--	--	--	--	1	--	--	--	--	--	--
Common Merganser	--	--	--	--	--	4	--	--	--	3	--	--	4
Red-breasted Merganser	--	--	--	--	--	3	--	--	--	3	--	--	4
Ruddy Duck	5	5	--	--	--	--	--	--	--	--	--	--	--
Black Vulture	1	12	2	--	5	106	16	76	--	1	3	2	--
Turkey Vulture	--	14	15	4	23	70	8	82	8	48	21	10	27
Osprey	2	4	1	--	1	2	--	1	--	4	2	2	5
Mississippi Kite	7	9	--	--	--	--	--	--	--	--	--	--	--
Bald Eagle	--	--	--	--	--	--	--	--	--	--	--	--	1
Northern Harrier	--	--	--	--	1	3	--	--	--	--	1	--	--
Sharp-shinned Hawk	--	1	--	--	--	3	--	1	--	2	--	2	1
Cooper's Hawk	--	--	1	--	1	1	--	2	--	1	1	--	2
Red-shouldered Hawk	1	8	--	--	2	9	1	1	--	9	--	--	--
Broad-winged Hawk	4	2	3	1	4	9	2	--	--	21	6	--	12
Red-tailed Hawk	3	7	6	2	8	29	11	8	--	6	8	4	2
American Kestrel	--	4	5	1	7	26	25	17	2	1	5	1	9
Ruffed Grouse	--	--	--	--	--	--	--	--	--	--	2	--	3
Wild Turkey	6	7	--	--	--	2	--	--	--	--	--	--	1
Northern Bobwhite	15	8	26	2	45	124	28	21	10	13	33	10	14
Black Rail	--	--	--	--	--	2	--	--	--	--	1	--	--
Virginia Rail	--	--	--	--	2	2	--	--	--	1	--	--	--
Sora	4	2	1	--	15	11	--	--	--	1	3	--	3
Common Moorhen	--	3	--	--	--	--	--	--	--	--	--	--	--
American Coot	41	9	--	--	4	10	5	6	--	210	1	3	2
Black-bellied Plover	--	2	--	--	--	--	--	--	--	--	--	--	--
Lesser Golden Plover	--	39	--	--	--	1	--	--	--	--	--	--	--
Semipalmated Plover	2	55	--	--	2	10	--	--	--	15	--	--	4
Killdeer	25	55	8	2	10	49	19	12	9	16	75	15	35
Black-necked Stilt	1	--	--	--	--	--	--	--	--	--	--	--	--
Greater Yellowlegs	4	22	6	--	--	3	--	--	4	3	1	--	2
Lesser Yellowlegs	36	80	4	--	--	10	--	2	--	2	2	--	8
Solitary Sandpiper	18	22	14	--	10	16	13	24	4	6	18	6	72
Spotted Sandpiper	4	16	4	2	9	35	7	6	1	5	22	27	32
Upland Sandpiper	--	1	--	--	--	--	--	--	--	--	--	--	--
Hudsonian Godwit	--	2	--	--	--	--	--	--	--	--	--	--	--
Ruddy Turnstone	--	1	--	--	--	--	--	--	--	--	--	--	--
Sanderling	--	2	--	--	--	--	--	--	--	--	--	--	--
Semipalmated Sandpiper	8	73	--	--	--	--	--	8	--	1	1	--	--
Western Sandpiper	2	--	--	--	--	1	--	--	--	1	--	--	--
Least Sandpiper	47	99	--	--	17	21	--	--	3	25	3	--	2
White-rumped Sandpiper	7	7	--	--	--	3	--	--	--	1	--	--	--

	Memp	Beel	Javr	Clar	Colu	Rush	Marf	Leba	High	Chst	Knox	Greer	Ellz
Pectoral Sandpiper	36	337	--	--	15	1	--	--	6	2	--	--	3
Dunlin	1	--	--	--	--	1	--	--	--	--	--	--	--
Stilt Sandpiper	4	3	--	--	--	--	--	--	--	--	--	--	--
Short-billed Dowitcher	16	3	--	--	--	--	--	1	--	--	--	--	--
Common Snipe	2	2	--	--	--	11	--	1	--	1	22	--	29
American Woodcock	--	--	1	--	--	1	--	--	--	1	2	--	--
Wilson's Phalarope	5	--	--	--	--	--	--	--	--	--	--	--	--
Laughing Gull	--	--	--	--	--	--	--	--	--	--	3	--	--
Ring-billed Gull	1	37	--	--	--	42	--	16	--	7	7	--	20
Herring Gull	--	--	--	--	--	--	--	5	--	--	--	--	1
Caspian Tern	--	47	--	--	--	5	--	--	--	--	--	--	--
Common Tern	--	4	--	--	--	10	4	--	--	--	--	--	--
Forster's Tern	--	5	--	--	--	2	--	9	--	--	--	--	--
Least Tern	--	4	--	--	--	--	--	--	--	--	--	--	--
Black Tern	--	5	--	--	--	--	--	--	--	--	--	--	--
Rock Dove	1	1	8	11	13	85	40	16	--	35	141	46	120
Mourning Dove	37	73	85	12	61	311	96	90	46	60	258	66	139
Black-billed Cuckoo	1	7	--	--	--	1	--	--	--	--	--	--	--
Yellow-billed Cuckoo	--	15	1	3	4	11	4	--	1	4	6	--	--
Common Barn Owl	--	--	--	2	--	--	--	2	--	1	--	1	--
Eastern Screech-Owl	--	--	4	--	1	2	1	6	--	1	9	2	6
Great Horned Owl	--	1	--	--	1	3	--	4	1	1	--	--	2
Barred Owl	3	8	1	2	11	12	--	12	--	5	1	--	--
Common Nighthawk	--	24	3	6	1	9	6	4	2	13	11	3	8
Chuck-will's-widow	--	--	6	--	6	3	4	4	1	1	16	2	3
Whip-poor-will	--	--	1	2	7	5	--	7	--	3	2	--	4
Chimney Swift	45	41	56	27	43	644	110	209	26	88	282	192	320
Ruby-thr. Hummingbird	30	23	3	4	1	55	14	6	1	13	13	1	9
Belted Kingfisher	2	7	5	1	7	27	6	5	--	7	28	1	21
Red-headed Woodpecker	14	41	11	1	7	7	3	2	5	13	1	--	4
Red-bellied Woodpecker	19	23	22	7	24	132	20	19	13	36	47	18	29
Yellow-bel. Sapsucker	--	--	--	1	6	1	--	1	--	1	--	--	1
Downy Woodpecker	20	15	11	6	38	124	22	10	11	20	30	8	40
Hairy Woodpecker	3	5	5	1	6	15	5	5	1	1	5	1	3
Northern Flicker	10	12	4	2	7	57	18	2	14	13	47	19	45
Pileated Woodpecker	6	15	11	1	16	42	2	6	2	13	26	7	21
Olive-sided Flycatcher	--	1	--	--	--	--	--	--	--	--	--	--	--
Eastern Wood-Pewee	20	25	6	3	18	53	6	1	7	15	6	1	5
Acadian Flycatcher	20	22	4	1	10	18	1	1	1	6	1	--	4
Willow Flycatcher	--	--	--	--	--	2	--	--	--	--	--	--	--
Least Flycatcher	2	2	--	1	1	--	--	--	--	--	--	--	--
Eastern Phoebe	1	4	7	5	18	52	8	19	2	7	21	3	45
Great Cr. Flycatcher	18	33	14	6	13	54	10	7	2	7	24	7	4
Eastern Kingbird	15	34	14	3	17	84	29	40	16	13	29	4	33
Horned Lark	6	106	1	--	5	--	--	--	--	--	2	1	--
Purple Martin	25	30	29	11	57	165	108	32	23	35	128	30	102
Tree Swallow	202	92	1	4	5	100	--	1	2	1	25	6	26
N. Rough-winged Swallow	8	24	24	8	51	298	19	22	2	29	45	17	79
Bank Swallow	1	32	1	--	2	1	--	6	--	--	--	--	4
Cliff Swallow	--	3	2	3	--	651	--	--	--	75	--	--	--
Barn Swallow	104	102	59	5	130	328	58	117	27	74	191	77	256
Blue Jay	28	24	73	21	73	340	156	177	102	138	378	118	306
American Crow	22	49	51	9	58	378	225	80	31	55	284	137	245
Fish Crow	6	2	--	--	--	--	--	--	--	--	--	--	--
Common Raven	--	--	--	--	--	--	--	--	--	--	--	--	6
Carolina Chickadee	46	55	26	8	45	376	46	81	17	53	188	52	66
Tufted Titmouse	68	61	67	18	50	352	34	57	33	57	126	40	72
Red-breasted Nuthatch	--	--	--	--	1	2	--	--	--	1	2	--	--
White-br. Nuthatch	1	10	3	4	7	63	--	2	10	5	11	2	10
Brown-headed Nuthatch	--	--	--	--	--	--	--	--	--	1	--	--	--
Brown Creeper	--	--	--	--	1	1	--	--	--	--	--	--	--
Carolina Wren	77	45	22	8	61	197	22	7	2	74	166	31	68
Bewick's Wren	--	--	--	--	2	2	10	9	--	--	--	--	--
House Wren	--	--	--	4	3	20	3	2	3	--	20	9	14
Winter Wren	--	--	--	--	--	--	--	--	--	--	2	--	3
Sedge Wren	1	--	--	--	--	6	--	--	--	--	--	--	--
Marsh Wren	--	--	--	--	--	1	--	--	--	1	2	--	2
Golden-crowned Kinglet	--	--	--	--	--	3	1	--	3	--	--	--	2
Ruby-crowned Kinglet	3	1	--	--	10	25	3	2	--	4	39	1	7
Blue-g. Gnatcatcher	85	121	17	16	97	168	8	25	9	79	78	9	42

	Memp	Reel	Lawr	Clar	Colu	Wash	Murf	Leba	High	Chat	Knox	Gree	Eliz
Eastern Bluebird	5	10	40	7	38	99	40	142	21	32	62	21	54
Veery	5	8	2	3	9	11	9	2	2	1	7	5	2
Gray-cheeked Thrush	7	31	1	--	2	13	3	1	2	1	5	--	--
Swinson's Thrush	36	25	1	8	10	97	13	2	1	7	35	1	--
Hermit Thrush	4	--	--	--	1	1	--	--	--	--	2	--	--
Wood Thrush	28	7	14	8	23	69	8	2	2	20	68	9	31
American Robin	57	31	42	33	59	493	350	132	68	55	539	152	469
Gray Catbird	10	17	31	5	23	108	9	18	12	10	41	14	27
Northern Mockingbird	23	17	51	12	28	159	176	48	44	33	204	43	124
Brown Thrasher	4	13	42	4	30	126	56	62	17	14	63	17	37
Water Pipit	--	--	--	--	--	--	--	--	--	1	--	--	--
Cedar Waxwing	--	75	50	75	--	12	100	2	18	1	22	1	4
Loggerhead Shrike	4	13	10	1	1	17	4	12	2	2	1	--	2
European Starling	70	250	37	32	83	594	900	598	23	89	1016	350	936
White-eyed Vireo	46	33	20	9	49	156	18	26	4	20	41	12	20
Solitary Vireo	--	--	--	1	1	1	--	1	--	1	1	--	20
Yellow-throated Vireo	14	8	--	--	9	18	2	1	3	16	13	1	6
Warbling Vireo	2	10	--	--	2	21	--	3	--	--	--	--	2
Philadelphia Vireo	1	7	--	1	--	7	--	1	--	--	--	--	--
Red-eyed Vireo	39	28	9	5	29	95	12	16	10	107	177	5	45
Blue-winged Warbler	7	1	3	--	33	71	5	6	2	2	6	--	1
Golden-winged Warbler	6	3	--	--	1	10	--	2	2	1	4	1	2
Tennessee Warbler	67	82	6	10	63	143	9	22	6	16	43	--	--
Orange-crowned Warbler	--	1	--	--	--	5	--	--	--	3	1	--	--
Nashville Warbler	5	6	--	1	16	21	4	3	--	2	17	--	1
Northern Parula	50	29	2	--	9	22	--	--	2	1	9	2	21
Yellow Warbler	10	11	3	1	43	177	17	28	1	18	23	12	44
Chestnut-sided Warbler	10	12	--	3	5	27	5	2	1	8	21	--	12
Magnolia Warbler	7	19	4	7	2	17	12	4	--	5	14	1	--
Cape May Warbler	--	9	--	1	1	9	3	1	12	12	13	16	2
Black-Chr. Blue Warbler	--	--	--	--	--	1	--	1	--	2	9	--	15
Yellow-rumped Warbler	24	22	37	1	65	188	25	78	21	68	219	74	162
Black-Chr. Green Warbler	9	9	--	1	21	33	2	13	1	7	32	--	19
Blackburnian Warbler	1	7	1	2	13	16	2	2	--	3	18	2	7
Yellow-thr. Warbler	1	12	--	1	3	19	5	1	--	30	1	--	10
Pine Warbler	--	--	1	1	1	3	22	1	--	3	6	--	4
Prairie Warbler	--	3	20	3	19	70	4	30	1	6	15	--	3
Palm Warbler	8	20	27	1	74	290	46	90	25	51	18	14	11
Bay-breasted Warbler	4	8	4	8	15	23	2	5	--	1	14	--	--
Blackpoll Warbler	6	58	7	7	40	87	16	12	7	57	29	6	3
Cerulean Warbler	21	17	1	--	26	11	--	5	--	3	28	--	1
Black & white Warbler	12	5	1	7	25	49	22	6	1	5	44	6	24
American Redstart	34	39	4	4	13	17	4	1	1	53	8	--	--
Prothonotary Warbler	33	88	8	3	18	53	8	21	--	4	6	2	1
Worm-eating Warbler	2	1	--	--	20	20	2	1	--	1	9	--	5
Swinson's Warbler	5	5	--	--	2	--	--	1	--	1	1	--	1
Ovenbird	14	11	1	1	26	11	3	--	--	1	31	--	59
Northern Waterthrush	5	19	1	--	3	20	3	3	--	1	--	--	2
Louisiana Waterthrush	7	3	5	2	11	19	7	3	1	10	7	--	6
Kentucky Warbler	39	12	11	5	26	44	--	2	2	14	12	1	3
Connecticut Warbler	--	1	--	--	--	--	--	1	--	--	--	--	--
Mourning Warbler	2	5	--	--	--	1	--	1	--	--	--	--	--
Common Yellowthroat	24	65	20	3	39	222	7	47	7	30	94	15	27
Hooded Warbler	9	13	--	--	8	22	1	--	--	7	30	--	31
Wilson's Warbler	--	9	--	--	--	--	--	1	--	--	2	--	1
Canada Warbler	--	3	--	--	1	2	--	2	--	2	1	--	--
Yellow-breasted Chat	2	13	17	5	20	63	5	10	7	19	25	9	7
Summer Tanager	24	19	8	4	26	80	4	14	3	8	10	4	--
Scarlet Tanager	12	12	5	1	30	55	12	11	11	27	44	4	32
Northern Cardinal	86	130	122	99	72	498	350	208	64	136	406	69	211
Rose-breasted Grosbeak	21	44	15	11	42	303	29	14	9	32	177	26	92
Blue Grosbeak	6	10	10	1	2	21	2	4	13	4	7	2	5
Indigo Bunting	224	480	100	11	69	407	76	75	59	40	173	53	38
Painted Bunting	0	--	--	--	--	--	--	--	--	--	--	--	--
Dickcissel	16	123	1	14	16	6	--	--	--	--	--	--	--
Rufous-sided Towhee	15	7	51	23	75	270	47	62	20	47	194	41	95
Chipping Sparrow	3	8	9	4	22	89	63	31	18	16	31	21	40
Field Sparrow	1	12	16	2	85	296	55	91	12	47	176	36	38
Vesper Sparrow	--	--	--	--	--	1	--	--	--	1	--	--	--
Savannah Sparrow	8	14	1	--	--	13	--	--	1	14	13	--	40

	Memp.	Reel	Lawr	Clar	Colu	Nash	Murf	Leba	High	Chat	Knox	Gree	Elliz
Grasshopper Sparrow	--	--	--	--	--	--	2	--	5	8	1	6	
Song Sparrow	--	2	5	1	2	39	5	4	--	65	289	52	310
Lincoln's Sparrow	1	8	--	--	1	1	--	--	--	--	--	--	--
Swamp Sparrow	8	2	2	--	9	46	1	2	--	6	16	--	20
White-thr. Sparrow	137	15	37	9	94	320	80	52	24	58	317	64	107
White-cr. Sparrow	18	24	--	1	26	73	41	17	8	1	8	24	8
Dark-eyed Junco	--	2	1	--	2	3	2	--	--	--	--	--	17
Scholinck	11	325	29	6	--	122	100	--	--	12	25	--	4
Red-winged Blackbird	196	C	85	25	61	802	300	202	98	104	454	44	251
Eastern Meadowlark	61	55	58	13	58	439	290	243	57	69	254	93	169
Western Meadowlark	--	2	--	--	--	--	--	--	--	--	--	--	--
Busty Blackbird	--	--	--	--	--	--	--	--	--	2	--	--	--
Common Grackle	66	C	88	12	175	729	1500	308	37	166	725	306	1330
Brown-headed Cowbird	86	310	44	20	57	315	70	95	36	26	149	19	81
Orchard Oriole	33	26	9	--	15	75	18	10	8	14	8	6	9
Northern Oriole	29	54	1	4	9	58	10	8	4	6	14	3	15
Purple Finch	1	1	--	6	2	1	--	5	--	1	1	7	28
House Finch	--	--	--	--	--	1	--	--	--	1	6	2	6
American Goldfinch	395	131	89	3	202	1066	31	74	190	117	116	11	361
House Sparrow	8	C	66	19	48	134	200	71	111	51	123	62	183
Total Species	148	180	114	103	146	181	118	144	98	163	152	101	145

C = Common

Stone, Randy C. Stringer (compiler — 758 Emory Dr., Chattanooga 37415). Also reported: tern sp. - 1, *Empidonax* sp. - 2. Caribbean Coot deleted; this bird is apparently injured and has remained at the same site since being found in 1981.

KNOXVILLE — 1 May; partly cloudy to overcast; temp. 64-84°F; 36 observers — Frank Bills, Sylvia Britt, Winnifred Brown, Jim & Betty Reid Campbell, Howard Chitwood, Marcia Davis, Robert Floyd, Robert Ford, Katherine Foster, Brice Gilmer, Christine Hamilton, Paul Hartigan (compiler — 200 Hermitage Rd., Knoxville 37920), Audrey & Ron Hoff, J.C. Howell, Susan Hoyle, Hal Hubbs, Jon A. Koella, Beth Lacy, Kenneth McLean, Chester Massey, Charles P. Nicholson, J.B. Owen, Holly Overton, Truett Patterson, Mark Reeves, Kenneth & Mabel Sanders, Boyd Sharp, Nancy Shepard, Johneta & Louis Smith, James & Nancy Tanner, Ralph Zanglein. Black Rail and Laughing Gulls seen by James Tanner. Also reported: *Empidonax* sp. - 1.

GREENEVILLE — 1 May; sunny; temp. 66-83°F; wind 13-18 mph; 13 observers — Ben & Phine Britton, Marjorie Earnest, King & Margaret Gaut, Richard & Willie Ruth Nevius, Gary & Velma Presley, Doug Ratledge, Helen & Royal Spees (compiler — Box 356, Greeneville 37743), Virginia Williams.

ELIZABETHTON — 30 April; mostly within 25 mile radius of Elizabethton; 0400 to 2330; partly cloudy to cloudy; temp. 61-79°F; patches of snow at high elevations of Roan Mountain; 25 observers — Herb Armentrout, Cat Bireley, Lynn Chalmers, Martha Dillenbeck, Glen Eller (compiler — Rt. 3, Grandview Terrace, Elizabethton 37643), Becky Ephraim, Harry Farthing, Elizabeth Funkhouser, Sally Goodin, Ann Harker, Dick & Mildred Hegler, Lois Herndon, Cindy Jackson, Barney Keffer, Rick Knight, Joy Kyle, Richard Lewis, Dick & Theresa Lura, Lynn Miller, Glenn Swofford, Gary Wallace, Barbara Walsh, Jane Whitehead. In addition, one Chuckar was seen on Holston Mountain. Apparently numerous attempts have been made to establish this species in that area, perhaps also in southwest Virginia. However, they are not sufficiently established to include in a list of wild birds.

ROUND TABLE NOTES

CLIFF SWALLOWS NESTING IN BARNs IN UPPER EAST TENNESSEE
— The Cliff Swallow (*Hirundo pyrrhonota*) is a localized nesting species in upper East Tennessee. East of Knox County, active colonies are known from the Cherokee Lake area (Wallace 1970), Douglas Lake (Koella 1980), Boone Lake (Alsop 1981), and Washington County (Dubke and Dubke 1978). At the first three locations the nests are on the underside of bridges over reservoirs; however, at the Washington County site the nests are inside barns.

Bent (1942:469) states that "When the Cliff Swallows resort to buildings they usually plaster their nests under the protecting eaves on the outside of the structures but not infrequently they may enter the building." Herndon (1947) reported Cliff Swallow nests "plastered to the joists inside the hall-way" of two barns along the Watauga River east of Elizabethton in Carter County. This site has not been used in many years. Range and Dillenbeck reported "2-8 nesting in barn" at Austin Springs in Washington County (Williams 1972). Range (pers. comm.) informed me that there were seven nests, some appearing old and unused, just inside the barn's hallway entrance.

On 28 June 1978, I discovered four active Cliff Swallow nests inside a barn in Washington County. The location is approximately 2.5 km northwest of Johnson City, not near Boone Lake as recorded by Dubke and Dubke (1981). Subsequent years produced the following records: 1979 - ten active nests, 1980 - not checked, 1981 - eleven active nests in the same barn and one nest (status uncertain) in a nearby barn, 1982 - six active nests in the first barn, the second barn was not checked, 1983 - no active nests in these two barns, but five active nests in another barn about 1 km away. All nests were attached to joists in an open hallway, and were within 3 m of the hallway entrance. Cliff and Barn Swallow (*Hirundo rustica*) nests were often found close together on the same joist.

Most Cliff Swallow nest sites in Tennessee are directly over, or otherwise near, large bodies of water (Alsop 1981). This site, however, is in open farm country, mostly hay and pasture fields, and is 16 km from Boone Lake, the nearest large body of water. Knob Creek, which drains this area, is about 1 m wide and 0.3 m deep and runs very near these barns.

FIGURE 1. Cliff Swallow nests inside barn, Washington County, Tennessee. Photograph by Richard L. Knight.



My thanks to Pete Range for supplying additional information from his notes. Also, I thank Charles Nicholson and an anonymous reviewer for suggestions that improved this note.

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RICHARD L. KNIGHT, 804 North Hills Drive, Johnson City, TN 37601. Accepted 24 April 1984.

FLORIDA-MARKED TURKEY VULTURE SIGHTED IN EAST TENNESSEE — On 11 April 1981, while Audrey R. Hoff and I were hawk-watching from the Look Rock Tower on Chilhowee Mountain, Blount County, Tennessee, we observed a Turkey Vulture (*Cathartes aura*) with a patagial marker attached to its left forewing. Though we kept this individual in sight for two to three minutes while it flew near the tower (within 50 meters), we were unable to read the black coding on the marker; however, we did note its greenish coloration, roundish or oval shape, and approximate size (7-10 centimeters in diameter). As it turned out, these characteristics were enough for the Bird Banding Laboratory (BBL) to determine that this bird had been marked by S.P. Gaby, who later informed us (pers. comm.) that this individual was one of a large number marked in Dade County, Florida, sometime between December, 1977, and May, 1980.

Though Turkey Vultures migrate extensively through Tennessee during spring and fall, specific documentation of the movement of individual birds is exceedingly rare. In fact, a computer listing provided by the BBL of 162 recoveries of Turkey Vultures revealed that only one recovery in Tennessee of a vulture banded

or marked outside the state had occurred as of August, 1983; this recovery involved a vulture banded in Ohio on 19 May 1937 and found in Tennessee on 11 November 1938. Furthermore, no Turkey Vultures banded in Tennessee have ever been recovered out of the state. P.A. Stewart (*Bird-Banding* 48: 122-124, 1977) analyzed 131 Turkey Vulture recoveries submitted as of October, 1976 and reached these same conclusions.

Consequently, the observation of a patagially-marked Turkey Vulture in East Tennessee is a noteworthy event, especially since its origin and approximate marking date could be determined. This conspicuously marked vulture was not seen again on 8 other days of hawk-watching at Look Rock during the spring of 1981, suggesting that the bird may have been a migrant moving to breeding grounds farther north. It had traveled about 1500 km from Dade County, Florida, to Blount County, Tennessee, and had perhaps done so several times since it was marked.

Tennessee field observers are urged to scrutinize all vultures for patagial markers, which are usually coded with a number-letter sequence. As the present sighting reveals, however, this alpha-numeric code can be quite difficult to read; therefore, the color, shape, and size of the marker should be carefully noted, as well as the color of the coding. Finally, the placement of the marker on either the right or left wing should be noted, though occasionally markers will be affixed to each wing.

I wish to thank the Bird Banding Laboratory staff for searching its records to determine the bander of this bird and for providing a computer listing of all Turkey Vulture recoveries. I also thank S.P. Gaby for offering data about the origin and approximate marking date of this vulture. Finally, I am indebted to Audrey R. Hoff, Jerome Jackson, and Morris Williams for comments made on early versions of this note.

STEPHEN J. STEDMAN, Rt. 6, Pinewood Rd., Franklin, TN 37064. Accepted 23 May 1984.

BOOK REVIEW

THE HUMMINGBIRDS OF NORTH AMERICA, by Paul A. Johnsgard. 1983. Smithsonian Institution Press, Washington, D.C. 303 pp + 16 color plates by James McClelland. Hummingbirds (family Trochilidae) are among the most spectacular of exclusively New World birds, and since the 1500's have drawn much attention from naturalists. Hummingbirds have many claims to fame — small size, the ability to fly backward and hover, an unusually high metabolism with proportionally large heart and breast muscles, the ability to enter torpor, and the relatively largest brain size of all birds. Their plumage is spectacular in the diversity of colors, and they have a variety of mating systems with many interesting displays. There have been several previous monographs about hummingbirds — notably Gould's in 1849-1861, Elliot's in 1878, Ridgeway's in 1890, and Greenewalt's recent classic.

Johnsgard's book is made up of several different parts. The first part of the book, comprising about 20 percent of the text, is a review of hummingbird biology. Chapters in this section deal with evolution, taxonomy, anatomy and physiology, ecology, behavior, and reproductive biology of hummingbirds. The sections are quite readable, yet present many facts and appear to be an adequate review of the current literature. A few anecdotes, repeated from the literature, stretch credibility. The second part of the book, about two-thirds of the text, is made up of accounts of the 11 genera and 23 species of hummingbirds recorded in North America. All hummingbirds regularly occurring in North America, as well as vagrants, are covered. Accounts of the vagrants seem unnecessary, but do help show the diversity of the family. The species accounts, of up to 8 pages in length, follow a similar format and include synonyms, a written range description and a range map, a list of North American subspecies, measurements and weights, plumage descriptions and identifying characteristics, habitats, movements, foraging behavior and floral ecology, breeding biology, and evolutionary and ecological relationships. Sketches show head and tail patterns. Gaps in the available information are pointed out.

Other parts of the book are a glossary, a lengthy bibliography, and appendices giving the origins of Latin hummingbird names, identification keys, a synopsis of all species of hummingbirds giving range, status, and references to illustrations, and a list of hummingbird-adapted plants in North America. The plates illustrate 22 species, one or two species to a plate, with the birds perched on or flying about flowering plants. They are nicely done. The numbering of the plates, however is confusing, and I wish the names of the birds had been printed on the plates — there appears to be adequate room to do this without undue distraction. Another criticism is the wasted space — left margins in the species accounts are over 2 inches wide in this medium-sized book.

A few minor criticisms aside, this is a well written book and contains more substantive text than several of Johnsgard's earlier works. I recommend it to anyone interested in these fascinating birds. — CHARLES P. NICHOLSON

THE SEASON



SPRING MIGRATION: 1 MARCH - 30 MAY 1983

The spring migration began early with very warm temperatures in late February and early March. Then it turned cold, and below average temperatures persisted until late May. A few inches of snow fell 18 April in East Tennessee, and this was followed by record low temperatures. All regional compilers commented that this migration was late during most of April and May.

Notable observations this period included a Brown Pelican at Memphis for the third state record; large numbers of shorebirds in Shelby and Lake Counties; a Eurasian Wigeon at Cross Creeks National Wildlife Refuge; and Franklin's Gulls near Nashville. North-bound Sandhill Cranes were reported from the southern end of the Eastern Ridge and Valley Region, from the Cumberland Plateau, and from the Eastern Highland Rim near Cookeville and at Byrdstown. The total of 2200 birds, which may include some flocks counted more than once, is perhaps the highest spring count ever in Tennessee, and represents about 14 percent of the entire Greater Sandhill Crane population. — Charles P. Nicholson.

WESTERN COASTAL PLAIN REGION — Migration was late and sparse except for the period 29 April through 9 May. The number of Tennessee Warblers, normally very common, was lower than in previous years, and Swainson's Thrushes were down by fifty percent compared to recent years. In contrast, Gray-cheeked Thrushes were more noticeable, and Indigo Buntings were more numerous than usual. Rainstorms and subsequent flooding in May adversely affected the nesting success of many early attempts.

Loon-Moorhen: Common Loon: 23 Apr (1) HCY, south of HNWR (MTOS); 1 May (1) Robco Lake (BBC, LCC, WBF, WLW). Pied-billed Grebe: 4 Apr (nest), 12-14 Apr (8 eggs), 9 May (8 y) BAR (DAD, JRW). White Pelican: 6 May (22) REL (DAD, JF). BROWN PELICAN: 12 Apr (1) MEM (JLS), second area record, third state record. Yellow-crowned Night-Heron: 16 nests at McCorkle site, MEM (BBC, LCC). Least Bittern: 23 May (2) (JRW), 24 May (1) (CHB, DAD, MGW), 27 May (3) (JRW), 30 May (1) (CGD, RJM), all at ESL. American Bittern: 21 Apr (3) ESL (CHB, DAD, JRW, MGW). Glossy Ibis: 11 May (1) ESL (DPB, DAD). Sharp-shinned Hawk: 19 Mar (1) MEM (JRW). Cooper's Hawk: 1 May (1) MEM (JLS). Osprey: 16 Apr (1) Herb Parsons Lake, Fayette Co. (JLS). Sora Rail: 16 Apr (1) ESL (MTOS), 17 Apr (7) ESL (DPB, DAD, JRW, MGW). Purple Gallinule: 7 Apr (1), 15 Apr (1), 6 May (1) MEM (JLS). Common Moorhen: 6 May (3) Burnt Woods, REL (RLK); 15 May (1) MEM (JLS); 26 May (1) ESL (JRW); 29 May (1) ESL (BBC, LCC); 31 May (1) ESL (CGD, RJM).

Plover-Tern: Semipalmated Plover: 17 Apr (5) ESL (DPB, DAD, JRW, MGW). Black-necked Stilt: 16 Apr (1) (MCTOS), 21 Apr (1) (CHB, DAD, JRW, MGW), 24 Apr (1) (DPB, SNK, JRW, MGW), 8 May (1) (KHD, LHD, RCS, JBO), 25 May (1) (CHB, DAD, MGW), all at ESL. WILLET: 17 Apr (1) ESL (DPB, DAD, JRW, MGW), fourth Shelby Co. record; 23 Apr (1) HNWR (MTOS), first for refuge and Haywood Co. Upland Sandpiper: 12 Apr (4) (HBD, SSL), 17 Apr (6) (JRW), 18 Apr (12) (CHB), all PEF. Ruddy Turnstone: 7 May (1) Eckles Towhead, LKC (JAF); 22 May (9) MRL (CGD, RJM). Sanderling: 5 May (2) MRL (RLK). Semipalmated Sandpiper: 22 May (2000) MRL (CGD, RJM). Western Sandpiper: 22 May (10) MRL (CGD, RJM). White-rumped Sandpiper: 8 May (2) ESL (KHD, LHD, JBO, RCS); 12 May (7) MLS (DAD, SNK, MGW); 22 May (20) MRL (CGD, RJM). Dunlin: 22 May (10) MRL (CGD, RJM). Stilt Sandpiper: 8 May (23) ESL (KHD, LHD, JBO, RCS); 22 May (4) MRL (CGD, RJM). Wilson's Phalarope: 16 Apr (1f, 1m) (MTOS), 17 Apr (2f, 1m) (DPB, DAD, JRW, MGW), 21 Apr (6f, 1m) (CHB, DAD, JRW, MGW), 24 Apr (7) (DPB, SNK, JRW, MGW), 8 May (4) (KHD, LHD, JBO, RCS), 10 May (2) (DPB, DAD), 11 May (2f) (CHB, HBD, SCF, NMS), all at ESL. Bonaparte's Gull: 30 May (3) President's Island, MEM (CHB, HBD, SSL). Forster's Tern: 5 May (3) ESL (RLK).

Owl-Blackbird: Burrowing Owl: 28 May (1) (Ralph Lloyd), 29 May (1) Wapanocca National Wildlife Refuge, Ark. (BBC, LCC), not found on 1 or 3 June. Yellow-bellied Flycatcher: 3 May (1) MEM (LCC). Barn Swallow: 19 May (67 nests) Delaware St. and I-55 overpass, MEM (BBC). Fish Crow: 17 Apr (2) TN 54 and Hatchie R., HYC/TIC (BBC, LCC); 5 May (2) MRL (RLK). Golden-winged Warbler: 2-3 May (1) Overton Park, MEM (BBC). Cape May Warbler: 2-3 May (1) MEM (BBC, LCC); 19 May (1) DeSoto Park, MEM (BBC). Connecticut Warbler: 16 May (1) PEF (WRP). Dickcissel: 24 Apr (1) last date seen after spending 8 weeks at feeder, MEM (JRW). Vesper Sparrow: 29 Mar (4) PEF (JRW); 2 Apr (2) ESL (DAD, JRW, MGW); 3 Apr (4) PEF (JRW); 16 Apr (1) ESL (JRW). Lincoln's Sparrow: 14 Feb - 25 Apr (1 at feeder) MEM (JRW); 12 May (1) T.O. Fuller State Park (DAD, SNK, MGW). Western Meadowlark: 5-8 May (1) Tiptonville (RLK, TOS). Brewer's Blackbird: 3 Apr (5) PEF (JRW).

Locations: ESL — Ensley Sewage Lagoons, Memphis; HYC — Haywood Co.; MEM — Memphis; MRL — Mississippi River levee area, Lake Co.; PEF — Shelby Co. Penal Farm; REL — Reelfoot Lake, Lake Co.

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

CENTRAL PLATEAU AND BASIN REGION — Spring in the region began warmly, after the mild winter, and turned cool, as the freezes of April 19 and 20 indicate; additionally, the season was wet, especially in late May, as if in anticipation of the summer to come. Only one early spring arrival date (of a typically late-migrating species — White-rumped Sandpiper) was broken in the Nashville area, but several late dates of departure were established or tied in that area, including American Bittern, Purple Gallinule, Black-bellied Plover, Bobolink, and Rusty Blackbird. In the region as a whole, several other species appeared to linger, especially finches, or to arrive late, as was the case for the nightjars.

Despite weather patterns conducive to unusual sightings, rarities did not dominate the hotlines this spring. Only a few need be noted in advance. Certainly the Eurasian Wigeon discovered at Cross Creeks NWR was noteworthy, as were

the American Avocets, Franklin's Gulls, and Least Tern which gathered at Gallatin in late May. Generally, however, other avian phenomena warrant attention: a noteworthy Broad-winged Hawk migration; high count of migrating Sandhill Cranes from the western Cumberland escarpment; and new nesting sites for the Song Sparrow, which continues to pioneer westward in the region.

Another matter deserving attention involves the distribution of records noted hereinafter. Of the 40 counties in this region, only 13 (Cheatham, Davidson, Humphreys, Lawrence, Lewis, Maury, Pickett, Putnam, Smith, Sumner, Stewart, Trousdale, and Williamson) are represented by one or more records below. Expanded representation of the region thus remains a high priority for the observers noted below, as well as for those distinguished by their absence.

Loon-Grouse: Common Loon: 24 Apr (7) MOP (WNJ); 22 May (2) RL (SR). Pied-billed Grebe: 3 Apr (38) MOP (OBL, AL); 29 May (1) GSP (DTC, JPC); Double-crested Cormorant: 25 Apr (3) and 30 Apr (4) GSP (DTC, JPC); 23 May (1 flying northeast) LF (SJS). American Bittern: 22-23 May (1) MC (DFV), ties Nashville area late spring date. Least Bittern: 26 May (1) and 4 Jun (1) MC (DFV). Great Egret: 16 Apr (1) Madison, DVC (LFK). Snowy Egret: 16 May (1) Barkley Wildlife Management Area, SWC (DWB). Wood Duck: all season (300-500) CCNWR (FR). Green-winged Teal: April (500 peak) CCNWR (FR). Black Duck: 13 Mar (40+) MOP (OBL). Blue-winged Teal: 10 Apr (50) MC (SR); 30 Apr (12) Green Pond, SUC (DTC, JPC). Northern Shoveler: 10 Apr (3) MC (SR). EURASIAN WIGEON: 8-20 Mar (1 male) CCNWR (DWB, *et al.*). Ring-necked Duck: 3 Mar (60+) Lewis Pond, SUC (DTC, JPC). Osprey: 15 Apr (1 flying north) and 16 Apr (1 flying north) LF (SJS, BHS); 4 May (1) Leoma (DJS, Kevin Gray); 7 May (1) St. Joseph (DJS); 29 May (2) RL (Jim Snapper). Bald Eagle: 10 Apr (1 imm) Columbia (WNJ). Northern Harrier: 27 Mar (3) and 13 Apr (1) LF (SJS, BHS). Sharp-shinned Hawk: 22 May (1 ad male banded) LF (SJS, BHS), possible breeding bird. Cooper's Hawk: 13 Mar (1) CCNWR (CGD, RJM). Broad-winged Hawk: 27 Mar (1) LF (BHS); 11 Apr (1) Basin Spring, WMC (Katherine A. Goodpasture); 16 Apr (1) Byrdstown, PIC (RCH); clear migratory movement noted at LF (BHS): 12 Apr (28), 13 Apr (33), and 21 Apr (41), the latter number representing the highest-ever one-day spring total for the Region. Peregrine Falcon: 9 May (1) Dover (DWB). RUFFED GROUSE: 25 Mar (1) LF (BHS), first Nashville area record, but difficult to determine if the bird was an escaped or released captive-bred individual (probable), a far-wandering result of the fall dispersal from the Cumberland Plateau (possible), or a member of a previously undetected indigenous population (unlikely).

Rail-Terns: Sora: 10 Apr (2) MC (SR); 24 Apr (1) and 30 Apr (1) Leoma (DJS); 30 Apr (2) Ashland City (CGD). PURPLE GALLINULE: 22 May (1) MC (DFV), new Nashville area late spring date. Sandhill Crane: 5 Mar (381+ migrating north) Barnes Hollow, PUC (RWS), very high one-day total; 23 Mar (58) Byrdstown (RCH); 24 Mar (19) I-40 at Baxter exit, PUC (CPN). Black-bellied Plover: 29 May (2) GSP (DTC, JPC), new Nashville area late spring date. Semipalmated Plover: 30 Apr (7) to 12 May (1) GSP (DTC, JPC); 11 May (4) Johntown, TRC (CPN). Greater Yellowlegs: 2 Mar (1) Duck River Unit, Tennessee National Wildlife Refuge (CGD). Lesser Yellowlegs: 6 Apr (3+) Bordeaux Landfill, DVC (CGD); 14 May (1) GSP (DTC, JPC). Spotted Sandpiper: 30 May (1) GSP (DTC, JPC); 27 May - 17 Jun (2) RL (Jane C. Maynard). Upland Sandpiper: 10 Apr (3) MC (SR, DFV). Sanderling: 11 May (1) Johntown, TRC (CPN). Semipalmated Sandpiper: 24 Apr (1) Loretto (DJS); 11 May (7) Johntown, TRC (CPN); 12 May (49), 29 May

(103), and 30 May (15) GSP first, peak, and last dates (DTC, JPC). Western Sandpiper: 23 Apr (1) Loretto, (DJS), first LWC record; 1 May (1) Green Pond, SUC (DTC, JPC); Least Sandpiper: 27 Mar (12) CCNWR (CGD, RJM); 30 Apr (12) to 12 May (4) GSP (DTC, JPC); 11 May (9) Jhntown, TRC (CPN). White-rumped Sandpiper: 1 May (3) GSP (DTC, JPC), new Nashville area early spring date; 10 Jun (1) GSP (DTC, JPC). Pectoral Sandpiper: 22 May (1) GSP (DTC, JPC). Dunlin: 30 Apr (1) GSP (DTC, JPC). Dowitcher sp.: 4 May (2) OHL (CGD). American Woodcock: 6 Mar (3 calling) LF (BHS, SJS). AMERICAN AVOCET: 21 May (1) GSP (LFK, CGD, *et al.*), fourth Nashville area spring record. Ring-billed Gull: 21 May (28) OHL (NTOS). Herring Gull: 5 Apr (1) Loretto (DJS, DNS, Donald K. Simbeck). FRANKLIN'S GULL: 8 Apr (1 in breeding plumage) RL (Margaret L. Mann); 30 May (2) GSP (DTC, JPC), eighth and ninth Nashville area records. Caspian Tern: 24 Apr (20) OHL (LFK); 30 Apr (2) Ashland City (CGD); 21 May (5) OHL (NTOS); 22 May (7) GSP (DTC, JPC). Common Tern: 4 May (10) OHL (CGD). Forster's Tern: 24 Apr (1) RL (SR, CGD). LEAST TERN: 21, 22, and 24 May (1) GSP (LFK, *et al.*), fifth Nashville area record.

Dove-Thrushes: Ringed Turtle Dove: 30 Apr to end of period (1) Columbia (Cassie Perry, *vide* AL), presumably an escaped bird. Black-billed Cuckoo: 18 May (1) RL (CGD). Yellow-billed Cuckoo: 16 Apr (5) Ft. Negley, DVC (CGD). Chuck-will's-widow: 26 Apr (1) Columbia (AL, OBL). Whip-poor-will: 25 Apr (1) LF (BHS, SJS); 26 Apr (1) LCH (JCA); 26 Apr (1) Byrdstown (RCH); 27 Apr (1) Barnes Hollow, PUC (RWS), cool weather may have delayed this species. Chimney Swift: 27 Mar (1) LF (SJS, BHS). Ruby-throated Hummingbird: 12 Apr (1) LF (SJS, BHS); 17 Apr (1) Loretto (DNS); 17 Apr (1) Barnes Hollow, PUC (RWS), the freezes of April 19 and 20 may have affected these early arrivals. Red-headed Woodpecker: 28 May (1) SUC (Ann T. Tarbell). Yellow-bellied Sapsucker: 29 Apr (1) LCH (JCA). Olive-sided Flycatcher: 22 May (2) RL (SR). Willow Flycatcher: 30 Apr (1) Ashland City Marsh (RJM) early; 14 May (2) Pardue's Pond, CHC (CGD). Least Flycatcher: 1 May (2) Barnes Hollow, PUC (RWS); 1, 2, and 5 May (1) LF (SJS, BHS). Purple Martin: 1 Mar (1) Loretto (DJS). Rough-winged Swallow: 30 Mar (1) LF (SJS). Brown Creeper: 12 Apr (2) LCH (JCA). Bewick's Wren: 10 May (1) Dixon Springs, SMC (CPN); 27 May (1) east WMC (SJS). Winter Wren: 11 Apr (1) LCH (JCA). Golden-crowned Kinglet: 24 Apr (1) LF (SJS); 30 Apr-1 May (1+) Nashville spring count (NTOS). Ruby-crowned Kinglet: 13 May (1) LCH (JCA). Blue-gray Gnatcatcher: 1 Apr (1) LCH (JCA). Gray-cheeked Thrush: 17 May (1) LCH (JCA). Swainson's Thrush: 31 May (1) Barnes Hollow, PUC (RWS). Hermit Thrush: 12 Apr (1) LCH (JCA).

Vireo-Finch: Philadelphia Vireo: 22 May (6) RL (SR). "Brewster's" Warbler: 29 Apr (1) LF (SJS). Tennessee Warbler: 21 May (1) LCH (JCA). Chestnut-sided Warbler: 24 May (1) LF (SJS). Black-throated Blue Warbler: 7 May (1) LF (SJS, Ronald Hoff). Yellow-rumped ("Myrtle") Warbler: 14 May (1) LCH (JCA). Black-throated Green Warbler: 21 May (1) LCH (JCA). Blackburnian Warbler: 21 May (1) LCH (JCA). Pine Warbler: 4 Mar (1) LCH (JCA). Prairie Warbler: 11 Apr (5) Columbia (AL). Cerulean Warbler: 7 Apr (1) LF (BHS). American Redstart: 10 Apr (1) Lewis County (Mark Mayfield). Mourning Warbler: 24-25 May (2) RL (SR). Wilson's Warbler: 22 May (15) RL (SR), high number. Scarlet Tanager: 13 Apr (1) LF (SJS). Rose-breasted Grosbeak: 30 May (1) Barnes Hollow, PUC (RWS), quite late. Vesper Sparrow: 20 Apr (1) Percy Warner Park, DVC (DJV). Song Sparrow: 11 May (3 territorial males) Dixon Springs, SMC (CPN); 11 May (1 territorial male) Jhntown, TRC (CPN); all

season (up to 40 territorial males) MC (DFV). Lincoln's Sparrow: 24 Apr (2) Leoma (DJS); 6 May (2) and 10 May (1) RL (SR). White-crowned Sparrow: 11 May (6) Dixon Springs, SMC (CPN); 14 May (1+) Williamsport (KGA). White-throated Sparrow: 14 May (1) LCH (JCA); 14 May (1+) Williamsport (KGA); 18 May (1) Barnes Hollow, PUC (RWS). Dark-eyed Junco: 18 Apr (1) Byrdstown (RCH); 20 Apr (1) LCH (JCA). Bobolink: 3 May (50) Warner Parks, DVC (DFV); 26 May (2) and 29 May (2) Pardue's Pond, CHC (NTOS), latter date ties Nashville area late spring date. Rusty Blackbird: 23 May (1) Nashville (John O. Ellis), new area late spring date. Purple Finch: 16 Apr (7) Byrdstown (RCH); 1 May (2) Williamsport (KGA); 8 May (1) LF (SJS, BHS, Audrey R. Hoff); 18 May (1) Barnes Hollow, PUC (RWS), very late (perhaps Region's latest ever?).

Locations: CHC — Cheatham Co.; CCNWR — Cross Creeks National Wildlife Refuge, Stewart Co.; DVC — Davidson Co.; GSP — Gallatin Steam Plant, Sumner Co.; LCH — Love Circle Hill, Nashville/Davidson Co.; LF — Leiper's Fork, Williamson Co.; LWC — Lawrence Co.; MC — Metro Center, Davidson Co.; MUC — Maury Co.; MOP — Monsanto Ponds, Maury Co.; OHL — Old Hickory Lake; PIC — Pickett Co.; PUC — Putnam Co.; RL — Radnor Lake, Davidson Co.; SMC — Smith Co.; SUC — Sumner Co.; SWC — Stewart Co.; TRC — Trousdale Co.; WMC — Williamson Co.

STEPHEN J. STEDMAN, Rt. 6, Pinewood Rd., Franklin, TN 37064

EASTERN RIDGE AND VALLEY REGION — Temperatures this period were above normal in early March and late May, and below normal the rest of the spring. A very late snowfall on 18 April resulted in a 5 inch accumulation in the Tri-Cities area, and 2-3 inches of quickly melting snow at Knoxville. This was followed by heavy frost, and record low temperatures were recorded at Knoxville on 19 and 20 April.

In the Elizabethton - Johnson City area, many spring arrivals were 2-3 weeks late, and no major migratory movements were noted. In the Knoxville area, many of the early arrivals (gnatcatchers, Yellow-throated, Black-throated Green and Black-and-White Warblers, Louisiana Waterthrush) were later than normal, and this trend continued with several other species. The migration there during the first half of May, however, was very good — many of the birds normally present at this time were in very good numbers, and some of the early migrants lingered to add to the species number. The Knoxville observers recorded the Indigo Bunting in much larger than normal numbers in May.

In Chattanooga, waterfowl moved through on schedule with the usual species being recorded. The peak day on Chickamauga Lake was 2 April when 75 Northern Shovelers, 3000 scaup, and 200 Red-breasted Mergansers were noted. Regular counts were made of the shorebirds at the Kingston Steam Plant, and the peak of the "peep" migration was recorded on 21 May.

Loon-Duck: Common Loon: max 4 Apr (71) CHL (RCS); 11 May (1) AUS (RLK); few reports MHL, with last report there 14 May (RDH); 22 May (4) SAB (KHD, LHD). Pied-billed Grebe: 1 Mar - 4 Apr (2-29) CL (KHD, LHD). Horned Grebe: 1 Mar - 24 Apr (1-25 sporadic) CHL (KHD, LHD, RCS). Double-crested Cormorant: 1-28 Mar (1-5) CHL (KHD, LHD); 10 Apr (1), 16 Apr (4) RAB (JAK); 1 May (1) KNC (KTOS); 22 May (1) SAB (KHD, LHD); 26 May (1) CHL (RCS). Great Egret: 25 Apr (1) AUS (RLK). Little Blue Heron: 5 May (1) CHA

(RCS). Cattle Egret: 10 Apr (1) RAB (JAK); 5 May (32) HRA (CWC); 11 May (1) SAB (KHD, LHD); 16-18 May (3) WHP (JAK). Green-backed Heron: 12 Mar 1 flying over Red Bank, early migrant? (PDR); 21 Mar (1) CHL (KHD, LHD) — probably the same individual that wintered in this area rather than an early migrant. Black-crowned Night-Heron: 12 Apr (1) AUS (RLK). Snow Goose: 1 Mar (1 white phase) HRA (KHD, LHD). Green-winged Teal: 6 Mar (80) DOL (JAK); 1 Mar - 4 Apr (1-25) HRA (KHD, LHD). Mallard: 6 Mar (270) DOL (JAK). Blue-winged Teal: 26 Mar - 16 Apr (3-18) DOL (JAK); 28 Mar (75) SAB (KHD, LHD); last 30 Apr AUS (RLK). Northern Shoveler: 28 Mar - 2 Apr (12-75) CHL (KHD, LHD); 10 Apr (8) RAB (JAK); 25 Apr (6) EBF (LJF); 25 Apr (1) AUS (RLK); 22 May (1) BLC (MLD). Gadwall: 10 Mar - 10 Apr (2-60) DOL (JAK). American Wigeon: 13 Mar (66) DOL (JAK). Redhead: 1-14 Mar (2-56) CHL (KHD, LHD); 13 Mar (10) DOL (JAK). Ring-necked Duck: 20-26 Mar (12-25) DOL (JAK); 2 May (1) KSP (LJF); 21-31 May (2) KSP (KHD, LHD). Greater Scaup: 1-14 Mar (65-200) CHL (KHD, LHD). Lesser Scaup: 4 Apr (30) CHL (KHD, LHD). Scaup species: 2 Apr (3000) CHL (LHD, PDR). Common Goldeneye: 3 Mar (1) BOL (RLK). Bufflehead: 20 Mar (2) DOL (JAK); 28 Mar (19) CHL (KHD, LHD). Common Merganser: 24 Apr (13) AUS (GDE). Red-breasted Merganser: 28 Mar - 4 Apr (6-200) CHL (KHD, LHD, PDR); 28 Mar (8) FLL (JAK); 30 Apr (1) AUS (RLK). Ruddy Duck: 1-14 Mar (5-35) CHL (KHD, LHD); 3 May (1) HRA (KHD, LHD).

Vulture-Woodcock: Turkey Vulture: 27 Mar (migration of 100 in 20 minutes) KNC (PDH). Mississippi Kite: 3 May (1) CHA (RCS) — 2nd Chattanooga area spring record. Bald Eagle: 20 Apr (1) AUS (RLK); 19 Mar, 20 May (1) NRL (JCH). Red-shouldered Hawk: 8 active nests reported from the Chattanooga area (KHD, LHD, *et al.*). Red-tailed Hawk: one active nest HRA (KHD, LHD). American Kestrel: pair nesting under eaves of house WHP (JAK). Black Rail: 1 May (1) KNC (JTT). King Rail: 25 Apr (1) CHA (RCS). Virginia Rail: 25 Apr (1) CHA (RCS); 29 Apr (1) - this apparently very tired bird spent several hours resting on the clipped lawn of Point Park, Lookout Mountain (KHD). Sora: 9 Apr-11 May (1-3) AUS (RLK); 21 May (1) WBL near Kingston (ARH, RDH). American Coot: 1 Mar - 4 Apr (885-2000) CHL (KHD, LHD). Sandhill Crane: spring migrants reported from CHA-SAB-HRA area 18 Feb - 22 Mar, approx. 1760 birds, with some duplication possible (Joda Ashley, CWC, Louise J. Cash, Brainerd Cooper Jr., Chuck Copeland, KHD, LHD, Lewis R. Fincher, Gertrude Fleming, Dave Mathewson Jr., Bill McSpadden); other reports, 15 Mar (7 in field) Grassy Cove, Cumberland Co. (CWC); 16 Mar (3) Cumberland Mtn. State Park (CWC). Black-bellied Plover: 21 May (1) KSP (KHD, LHD). Lesser Golden-Plover: 22 Mar (2), 2 Apr (1) SAB (KHD, LHD); 13 Apr (2) KNC (LNA, MWA, ARH, RDH). Semipalmated Plover: 20 Apr - 31 May (1-20) MWA, KHD, LHD *et al.*. Killdeer: the following numbers at these locations would be considered a late movement: 28 Mar (39) SAB (KHD, LHD); 28 Mar (57) HRA (KHD, LHD). Greater Yellowlegs: 21 Mar (1) HRA (KHD, LHD); 19 Apr (27) CHA (RCS). Lesser Yellowlegs: 21 Mar (2) HRA (KHD, LHD); 13 Apr (2) KNC (LNA, MWA, ARH, RDH); 25 Apr (10) CHA (RCS); 25 Apr - 16 May (2-3) EBF (LJF). Solitary Sandpiper: 25 Apr (10+) CHA (RCS); 16 May (1) EBF (LJF). Willet: 22 Apr (1) AUS (MD, HHD). Spotted Sandpiper: 1-28 Mar (1) CHL - same bird that wintered in area (KHD, LHD); 23 May (2) KSP (LJF). Upland Sandpiper: 25 Apr (1) CHA (RCS); 4 May (1) EBF (LJF). Sanderling: 17 May (1) KSP (KHD, LHD). Semipalmated Sandpiper: 3-31 May (21-450) KSP (KHD, LHD, LJF). Western Sandpiper: 13-21 May (up to 5) KSP (KHD, LHD). Least Sandpiper: 4-17 May (2-9) EBF (LJF); 3-31 May (3-110) KSP (KHD, LHD). White-rumped

Sandpiper: 30 APR (1) CHA (RCS); 17 May (6) KSP (KHD, LHD). Pectoral Sandpiper: 22 Mar - 4 Apr (50-150) SAB (KHD, LHD); 23 May (1) KSP (MLD, KHD, LHD, LJF). Dunlin: 1 Mar - 4 Apr (45-50) SAB (KHD, LHD); 6 Mar (17) DOL (JAK); 3 May (1), 21 May (10), 23 May (6) KSP (KHD, LHD, LJF, MLD) - normally very few reports this late in season. Short-billed Dowitcher: 21 May (7 by call note) KSP (KHD, LHD). Common Snipe: 1 Mar - 2 Apr (22-92) SAB (KHD, LHD); 29 Apr (1) AUS (MD, SG). American Woodcock: 24, 26 May (1 singing) CHA (RAR).

Gull-Hummingbird: Laughing Gull: 1 May (1) KNC (JTT); 11 May (1) AUS (RLK). Bonaparte's Gull: 14 Mar (1) CHL (KHD, LHD); 2 Apr (1) DOL (JAK); 4 Apr (3) CHL (KHD, LHD); 23 Apr (1) NRL (JCH); 24 Apr (7) CHL (RCS); 25 Apr (1) BOL (RLK). Ring-billed Gull: 2 Apr (10) DOL (JAK); 3-21 May (1-5) KSP (KHD, LHD). Herring Gull: 1 Mar - 24 Apr (1-11) CHL (KHD, LHD, RCS). Caspian Tern: 21 May (3) KSP (KHD, LHD). Black Tern: 22 May (2) FLL (MLD). Black-billed Cuckoo: 10 May (1), 28 May (1) KNC (MLD, PDH). Common Barn-Owl: 4 Mar (1 apparent young bird) rock cliff near Walnut Street Bridge, CHA (PCH); same nest site used in WHP for 20th year (JAK); two active nest sites EJC (LHTOS). Common Nighthawk: 10 Apr (1) KNX (ARH, RDH) - early there. Chimney Swift: first arrivals reported 2 Apr at KNX (KTOS), about average there. Ruby-throated Hummingbird: first wave of arrivals 14-15 Apr at KNX (KTOS), with several reports of them feeding among flowers in the snow on 18 Apr.

Woodpecker-Swallow: Red-headed Woodpecker: 27 Apr (1) KNX (ARH); 1 May (1) KNC (KTOS); up to 11 present in one area of CHA during March and April (RAR). Yellow-bellied Sapsucker: last report EJC 30 Apr (MD). Olive-sided Flycatcher: 12 May (1) KNX (JCH, JMC, BRC). Willow Flycatcher: first noted 11 May EJC (LHTOS). Purple Martin: first wave of spring arrivals 1-4 Mar KNX (*vide* JBO). Tree Swallow: present 19 Mar - 6 May, EJC (LHTOS); 21 Mar (2) HRA (KHD, LHD); 28 Mar - 2 Apr (2-250) SAB (KHD, LHD); 17 Apr (75) DOL (JAK); on 21 May two birds were feeding around the same snag on Douglas Lake where they were suspected to have nested last year (JAK). Bank Swallow: 30 Apr - 6 May (4-5) AUS (RLK); because this species is not known to nest in these areas, the following late reports are interesting: 23, 31 May (6) KSP (MLD, KHD, LHD, LJF); 28 May (5) east KNX (PDH). Searches are being made for colonies. Cliff Swallow: 1-11 May (1-3) AUS (MD, RLK).

Nuthatch-Warbler: Red-breasted Nuthatch: only report 1 May (2) KNX (CPN). Carolina Wren: early March nesting was reported EJC, but was unsuccessful when the weather turned cold again (LHTOS). Winter Wren: 1 May (2) KNC (KTOS), late. Marsh Wren: 30 Apr (1) AUS (RLK). Swainson's Thrush: first 19 Apr (1) KNX (JCH), good numbers there. Wood Thrush: first arrivals, 14 Apr (1) NOR (CPN), 15 Apr (several reports in KNX), a bit later than normal. Cedar Waxwing: present in low numbers most of season KNX, then increasing in mid-May (KTOS); 27 May (12) CHA (RAR). Loggerhead Shrike: 27 May (pair with 4 young) CHA (RAR). White-eyed Vireo: first 10 Apr (1) KNX (ARH, RDH, JCH) - later than normal. Solitary Vireo: first 20 Mar (1) NOR (CPN) - about average there; 14-31 May (1 singing on territory) RER (KHD, LHD). Warbling Vireo: 30 Apr (1) Blountville (MD). Tennessee Warbler: present at KNX 25 Apr - 22 May (JCH *et al.*), in higher than normal numbers; 22 May (1) SAB (KHD, LHD). Orange-crowned Warbler: 1 May (1) KNX (JMC, BRC); 12 May (1) KNX (JMC, BRC, JCH). Black-throated Blue Warbler: very high count of 9 on Knox County spring count, 1 May (KTOS); 4 May (1) Campbell County (CPN).

Prothonotary Warbler: 27-30 Apr (1) AUS (RLK). Swainson's Warbler: 14-31 May (2) RER (KHD, LHD); 1 May (1) KNX (JMC, BRC, CPN) - one of very few non-tower kill records from Knox County. Mourning Warbler: 15 May (1) Caryville, 27 May (1) NOR (CPN).

Tanager-Grosbeak: Scarlet Tanager: first 23 Apr at KNX (KTOS), late. Rose-breasted Grosbeak: first 27 Apr at KNX (ARH), then more numerous than normal there. Indigo Bunting: first 16 Apr (1) KNX (LNA, MWA, ARH, RDH); very abundant there in May with numerous widespread flocks of 10-30 birds (KTOS *et al.*). Dickcissel: 7 May (1) KNC (PDH *et al.*); 2-9 May (1-4 birds initiated territories, but did not remain in the area) JEC (JAK). Vesper Sparrow: 24 Mar - 15 Apr (1-3) AUS (RLK, GDE). Savannah Sparrow: 9 May (8) JEC (JAK); 20 May (1) CHA (RCS). Fox Sparrow: 27 Mar (1) EJC (GWS). White-throated Sparrow: 14 May (1) AUS (MD, SG). White-crowned Sparrow: 30 Apr (1) EJC (SG); 2 May (1) JEC (JAK). Dark-eyed Junco: 4 May (1) Point Park, CHA (KHD). Bobolink: 30 Apr - 9 May (1-4) EJC (RLK); 30 Apr - 9 May (70+) JEC (JAK); 30 Apr - 2 May (2-5) CHA (RAR); 21 May (2) JEC (JAK). Purple Finch: 7 May (1) EJC (SG). House Finch: 2-22 Mar (2-8) CHA (RAR); 1-28 Mar (1-10) SAB (KHD, LHD); 30 Mar (80) Newport (JAK); a few pair nesting EJC, with most of the migrants departing by 10 May (LHTOS); 29 Apr (2 - male & female, possible nesting pair) Oneida, Scott County (RCH). Pine Siskin: 5-18 Apr (1-2) EJC (HHD) - only report. Evening Grosbeak: 6 Apr (1) EJC (SG) - only report.

Locations: AUS — Austin Springs; BLC — Blount County; BOL — Boone Lake; CHA — Chattanooga; CHL — Chickamauga Lake; DOL — Douglas Lake; EBF — Eagle Bend Fish Hatchery; EJC — Elizabethton - Johnson City Area; FLL — Fort Loudoun Lake; HRA — Hiwassee River Area; JEC — Jefferson County; KNC — Knox County; KNX — Knoxville; KSP — Kingston Steam Plant; MHL — Melton Hill Lake; NOR — Norris; NRL — Norris Lake; RAB — Rankin Bottoms (Cocke County section of Douglas Lake); RER — Reflection Riding, CHA; SAB — Savannah Bay; WBL — Watts Bar Lake; WHP — White Pine.

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

EASTERN MOUNTAIN REGION — The weather pattern this spring was much different than normal. Early March was very warm and it appeared that it might be an early spring, but cold returned on 10 March and remained into late May. Rainfall was below average in March but above average in April and May. A very late snowstorm on 18 April left 5 inches of snow in Elizabethton. As a result of this weather, the spring migration was unusual. Most wintering waterfowl left early and most spring migrants were late in arriving. No major waves were noted, and about all the expected species were observed, but in lower than average numbers. Accipiters and shorebirds were present in noticeably lower numbers.

Heron-Sandpiper: Green-backed Heron: 10 Apr (1) ELI (HLF), first report. Yellow-crowned Night-Heron: 16 Apr (1) HS (GDE), first report. Blue-winged Teal: first 22 Mar, through 30 Apr, Wagners Island, Eli (GDE). American Wigeon, Ring-necked Duck, Lesser Scaup: all reported in below-average numbers in ELI area. Bufflehead: 30 Apr (2) WBL (RDL, GOW). Common Merganser: 30 Apr (4) WatL (RDL, GOW). Ruddy Duck: 21 Mar (1) GLP (HLF); 6 May (1) Razor Farm (Dick Hegler). Broad-winged Hawk: first 4 Apr (2) HS (RLK). Osprey: first 24 Mar (1) WatL (GDE, HLF); last 28 May (1) Bluff City (GDE). Spotted Sandpiper: first 12 Apr (1) GLP (GDE). Solitary Sandpiper: first 8 Apr (2) ELI (HLF). BAIRD'S SANDPIPER: 24 Apr (1) ELI (GDE).

Cuckoo-Vireo: Black-billed Cuckoo: 2 May (1) ERW (GWS). Common Barn-Owl: 2 nests near SHL (*vide* GDE), 1 pair near Milligan (GDE). Chimney Swift: first 5 Apr (3) Bristol (RLK). Yellow-bellied Sapsucker: last 30 Apr (1) HM (RDL, GOW). Willow Flycatcher: first 15 May (2) GLP (RLK), at least 5 pairs in area. Least Flycatcher: first 27 May (1) Roan Mtn. (MD). Rough-winged Swallow: first 23 Mar (2) WatL (RLK). Purple Martin: first 6 Mar (2) ELI (*vide* LH). Red-breasted Nuthatch: no reports from ELI area. Veery: first 28 Apr (1) ELI (HLF). Wood Thrush: first 16 Apr (1) ELI (HLF). White-eyed Vireo: first 16 Apr (1) HS (GDE). Solitary Vireo: first 30 Mar (1) WatL (RDL, GOW). Warbling Vireo: first 28 Apr (2) ELI (HLF).

Warbler-Finch: Golden-winged Warbler: first 30 Apr (1) HM (RDL, GOW). ORANGE-CROWNED WARBLER: 16 Apr (1) ELI (BW), last seen after wintering at feeder. Nashville Warbler: 30 Apr (1) WatL (GDE, HLF). Yellow-rumped Warbler: last 14 May (1) ELI (HLF). Pine Warbler: in ELI area 9 Mar - 30 Apr (*vide* GDE). Black-and-White Warbler: first 4 Apr (1) Milligan (RLK). Swainson's Warbler: first 30 Apr (1) Rock Creek Park (GWS). Louisiana Waterthrush: first 4 Apr (1) Laurels (RLK). MOURNING WARBLER: 23-30 May (1) SHL (RL). Canada Warbler: first 7 May (1) ELI (HLF). Vesper Sparrow: 24 Mar (3) St. Johns (GDE); 30 Mar (10) County Farm, ELI (RDL, GOW). Fox Sparrow: last 22 Mar (1) ERW (GWS). White-throated Sparrow: last 14 May (2) ELI (HLF). White-crowned Sparrow: last 28 Apr (1) ELI (GDE). Rusty Blackbird: last 21 Mar (15) ELI (HLF). No reports of Pine Siskins, crossbills, or Evening Grosbeaks. Purple Finch: last 8 May (2) ELI (HLF). House Finch: most migrants gone by 10 May, with a few pairs remaining and probably nesting (*vide* GDE).

Locations: ELI — Elizabethton; GLP — Great Lakes Pond, ELI; HM — Holston Mtn.; HS — Hunter Swamp, ELI; SHL — South Holston Lake area; WatL — Watauga Lake; WibL — Wilbur Lake.

GLEN D. ELLER, Rt. 3, Box 52, Elizabethton, 37643.

OBSERVERS

JCA—Jan C. Alexander
 KGA—Kenneth G. Anderson
 LNA—Laurie N. Armstrong
 MWA—Marc W. Armstrong
 DPB—Diane P. Bean
 DWB—Donald W. Blunk
 CHB—Carolyn H. Bullock
 BRC—Betty Reid Campbell
 CWC—Carl W. Campbell
 JMC—James C. Campbell
 BBC—Ben B. Coffey, Jr.
 LCC—Lula C. Coffey
 DTC—Dot C. Crawford
 JPC—J. Paul Crawford
 DAD—Dolly Ann Daily
 MLD—Marcia L. Davis
 MD—Martha Dillenbeck
 HBD—Helen B. Dinkelspiel
 HHD—Helenhill Dove
 CGD—C. Gerry Drewry

WNJ—William N. Jernigan
 SNK—Susan N. Keeton
 RLK—Richard L. Knight
 JAK—Jon A. Koella
 LFK—Lee F. Kramer
 RL—Richard Lewis
 SLL—Selma L. Lewis
 AL—Anne Lochridge
 RDL—Richard D. Lura
 RJM—Rocky J. Milburn
 CPN—Charles P. Nicholson
 JBO—J.B. Owen
 WPP—William P. Peeples
 SR—Steven Rannels
 PDR—Peter D. Robinson
 FR—Fabian Romero
 RAR—Robin A. Rudd
 DJS—Damien J. Simbeck
 DNS—Donna N. Simbeck
 NMS—Noreen M. Smith

KHD—Kenneth H. Dubke
LHD—Lillian H. Dubke
GDE—Glen D. Eller
HLF—Harry L. Farthing
JAF—James A. Ferguson
JF—Jean Flowers
LJF—Linda J. Fowler
WBF—William B. Fowler
SG—Sally Goodin
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WLW—Wendell L. Whittemore
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PREPARATION OF COPY FOR PUBLICATION

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

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

Some suggestions to authors for the preparation of papers for publication are given herewith.

MATERIAL: The subject matter should relate to some phase of Tennessee Ornithology. It should be original, factual, concise, scientifically accurate, and not submitted for publication elsewhere.

TITLE: The title should be concise, specific, and descriptive.

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