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## THE MIGRANT

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# YELLOW-BELLIED SAPSUCKER BREEDING IN NORTHEAST TENNESSEE

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The Yellow-bellied Sapsucker (Sphyrapicus varius) is a rare and localized breeding bird in Tennessee (Nicholson 1997). Historically, sapsuckers have been documented breeding in just two areas of the state, the Smoky Mountains (Stupka 1963) and just to the southwest in the Unicoi Mountains (Ganier and Clebsch 1946). The only recent reports of breeding by sapsuckers in the state have come from the Unicoi Mountains on 23 June 1973 (Hixon 1996) and in mid July 1991 (Nicholson 1997). In the mountains of northeast Tennessee there are no documented breeding records and only six summer sightings, two of which were previously unpublished. In June 1895 a pair was seen along the Doe River near Roan Mountain in Carter County (Rhoads 1895). The 1937 Smithsonian Expedition found one on 4 June on Holston Mountain, above Shady Valley, on the Johnson/Sullivan County line (Wetmore 1939). An adult was seen near Elizabethton, Carter County, on 25 June and 31 August 1955 (Herndon 1955). One was seen on 1 July 1974 along the Appalachian Trail near Big Bald Mountain on the border of Unicoi County, Tennessee, and Yancey County, North Carolina (R. Lewis, pers. comm.). One was observed on 24 June 1978 at Iron Mountain (Eller 1978); this location should have been reported as Iron Mountain Gap, which is on the border of Unicoi County, Tennessee, and Mitchell County, North Carolina, rather than the Carter/Johnson County site mentioned by Nicholson (1997). A pair was noted on 21 May 1999 near the head of Whetstone Branch on Roger's Ridge, Johnson County (S. Major fide J. McGuiness, pers. comm.). In this note I report the first confirmed breeding by sapsuckers in northeast Tennessee.

On five dates between 15-29 June 2001 I saw or heard one to three adult sapsuckers along the crest of Stone Mountain, northward from Vaught Gap. Although most of the area surveyed is in southern Johnson County, Tennessee, part of Vaught Gap

is in Watauga County, North Carolina. The elevation ranges from 1220-1300 m. The habitat is second growth, mostly closed canopy hardwood forest, with a fairly open understory. The dominant trees are oak (Quercus sp.), maple (Acer sp.), birch (Betula sp.), and hickory (Carya sp.). Most encounters involved hearing the sapsucker's loud, sharp, and syncopated drumming, given in short bursts.

On 20 June a pair was seen just north of Vaught Gap, with both birds drumming frequently. The male spent several minutes working on a small excavation in a live maple. This cavity entrance had been enlarged by my next visit on 27 June. This pair's territory straddled the state line, with the cavity-start in Tennessee. On 29 June an adult and two recently fledged sapsuckers were found about 400-500 m north of the previous site. The juveniles were observed at close range for several minutes as they moved back and forth between two dead trees, calling loudly the whole time. A single adult had been heard calling and drumming in this area two days earlier. This second site was entirely in Tennessee. The birds at the first site were still present there on this later date, indicating that at least two pairs were present in the area.

The fieldwork on Stone Mountain was supported by the Tennessee Valley Authority's Public Power Institute. I thank Richard Lewis, Smoot Major, and Joe McGuiness for sharing information. Also, I thank John Gerwin for comments on this note.

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# NORTHERN HARRIER (CIRCUS CYANEUS) NEST FOUND IN STEWART COUNTY, TENNESSEE

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The Northern Harrier (*Circus cyaneus*) has been infrequently reported in Tennessee during summer. Robinson (1990) reports seven previous summer records and lists the harrier as a very rare summer visitor. This note documents harrier observations at the Fort Campbell Army Base, near Clarksville, Tennessee in the summer of 2002.

On the morning of 15 May 2002, a female Northern Harrier was observed in the rear area of the Fort Campbell Army Base approximately 4 km south of the Kentucky state line in Stewart County, Tennessee. She was perched and giving a defensive call. We watched from an observation point approximately 150 m away for about 20 min. During this time, a Red-tailed Hawk (*Buteo jamaicensis*) entered the territory, and the female Northern Harrier started diving at it. Soon a male Northern Harrier joined the female diving at the hawk. Within a few minutes the Redtailed Hawk and the male Northern Harrier left the area, and the female went to a new perch and started preening. After another 15 minutes, the female dropped to the ground. Suspecting that she might have a nest, we approached the site.

The female flushed from the ground, and upon further investigation, we located a nest (Figure 1). The nest was found in an area of grass and forbs approximately 1 m high under a small sumac (*Rhus glabra*) sapling approximately 1.5-m tall. The nest cup was approximately 8 cm in diameter and was constructed of a thin layer of small sticks and grasses, typical of Northern Harrier nests in dry sites (Harrison 1975). Two recently depredated white eggs were found in the nest. There was a relatively wide trail through the grass to the nest site. One egg was broken into two pieces, and the other had a large hole in one side of the egg. Both were still wet with albumin, indicating very recent depredation [possibly by coyote (*Canis latrans*)]. The eggs were dull white with no spots and a smooth shell (Figure 2). Measurements of the egg with the hole were 47.45 x 37.60 mm, very close to the average 46.6 x 36.4 mm reported by Harrison (1975).

The habitat surrounding the nest consisted of a large, frequently burned native warm season grass patch including Broom sedge (*Andropogon virginicus*) and Little Bluestem (*Schizachyrium scoparium*). Fort Campbell contains about 10,000 ha of native grasslands including some of the largest grassland areas in Tennessee and Kentucky.

Based on the presence and behavior of the female harrier and the appearance and measurements of the eggs, we determined the nest was indeed that of a Northern Harrier. This represents the first known nesting record of a Northern Harrier in



Figure 1. Northern Harrier nest found in Stewart County, Tennessee, 2002. The nest cup is in the lower right corner, and the larger piece of broken egg shell is in the middle left. There are three other broken egg shell pieces visible from the two eggs. The yard stick appears in the image for scale.



Figure 2. The larger piece of broken egg shell from a Northern Harrier nest found in Stewart County, Tennessee, 2002. The upper scale on the ruler is in centimeters.

Tennessee (Nicholson 1997). Photographs and video of the nest and associated habitat were taken, and documentation was submitted to the Tennessee Bird Records Committee.

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#### NORTHERN SAW-WHET OWL IN DAVIDSON COUNTY

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At 1755 CST on 8 February 2002 I observed an owl in my yard on Riverview Drive, Nashville, Davidson County, Tennessee. At first I thought it was an Eastern Screech Owl, (Otus asio), as I see them frequently on my property. However, a second look revealed the bird was smaller than my usual Screech Owls. Using my 8x30 Jason binoculars and consulting my field guide (Robbins et al. 1983) I discovered the visitor was a Northern Saw-whet Owl (Aegolius acadicus). It had no ear tufts and was streaky on the breast.

The Saw-whet Owl continued to visit my yard regularly in February and March. I observed it on 14 different nights from 8 February through 29 March with it consistently appearing between 1755-1820 CST. On 18 February the Saw-whet came at 1800. Shortly after it appeared, an Eastern Screech Owl flew in and landed beside it, providing me a great comparison of the Saw-whet and Screech Owl side by side. I observed the Saw-whet Owl did not come on windy evenings, and when it did come, it usually picked up food and quickly left. On 25 February, when no Screech Owls disturbed it, the saw-whet remained for 20 min.

Northern Saw-whet Owls are considered a rare migrant and winter resident in middle Tennessee (Robinson 1990). The last reports of which I am aware of Saw-whet Owls in the Nashville area are one found dead on Bresslyn Road in 1985 (Parmer 1985) and one seen drinking at a bird bath on 13 May 1985 (Migrant 56:77).

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#### REPORT OF THE TENNESSEE BIRD RECORDS COMMITTEE

### Kevin Calhoon 934 Craven's Terrace Lookout Mountain, TN 37409

This report describes the actions taken by the Tennessee Bird Records Committee of the Tennessee Ornithological Society (TOS) from the summer of 2001 to the fall of 2002. Committee members and alternates who served during this period were Kevin Calhoon (secretary), Audrey Hoff, Dick Preston, Chris Sloan, Rick Knight, Mark Greene, and Mike Todd (alternate).

Acceptance criteria remained the same throughout the year. A species is placed on the confirmed list based upon either (a) extant, verified specimen, photograph, or sound recording, each accompanied by written details, or (b) satisfactory written documentation of three independent sight records, or satisfactory written documentation of three independent observers of the same bird. Without these levels of documentation, a species is placed on the Provisional List based on one or two sight records with satisfactory written documentation. Acceptance to either list required unanimous or one dissenting vote of the committee.

This report contains eight records of seven species accepted and one species which was not.

#### RECORDS ACCEPTED

Calliope Hummingbird (Stellula calliope): Written documentation and photographs of a single second-year male bird banded by Bob Sargent at the home of Diane Whitman in Hamilton Co., TN on 22 January 2001 was accepted. VOTE: 6-0

This becomes the third Tennessee record, with this species already on the confirmed list.

Black-bellied Whistling Duck (Dendrocygna autumnalis): Written documentation from Melinda Welton of two birds over Barkley WMA, Stewart Co., TN on 5 May 2001 was accepted. VOTE: 6-0

This becomes the fourth Tennessee record, with this species already on the confirmed list.

White-winged Crossbill (Loxia leucoptera): Photographs and written documentation of a single adult male at the residence of Maurice Edwards on Signal Mountain, Hamilton Co.,TN on 15 February 2000 was accepted. VOTE: 6-0

This species is considered casual in the state of Tennessee.

Glaucous Gull (Larus hyperboreus): Written documentation of a single first-winter bird seen by Chris Sloan and Jay Desgrosellier on 26 February 2001 at Britton Ford WMA, Henry Co., TN was accepted. VOTE: 6-0

This species is considered accidental in Tennessee.

Swainson's Hawk (*Buteo swainsoni*): Written documentation of a single adult bird seen by Alan Wormington on 6 October 2000 in Dyer Co., TN was accepted. VOTE: 6-0

This was the third accepted written documentation for the species in the state, so it was taken off the Provisional section of the Official List of Tennessee Birds.

Little Gull (Larus minutus): Written documentation of a single adult bird seen on Reelfoot Lake in Obion Co., TN by Chris Sloan, Jay Desgrosellier, and Phillip Casteel on 31 March 2001 was accepted. VOTE: 6-0

This was the second accepted written documentation of this species, so it remains on the Provisional section of the Official List of Tennessee Birds.

Eared Grebe (*Podiceps auritus*): Written documentation of a single bird seen by Stephen Stedman on Center Hill Lake in DeKalb Co., TN on 22 November 2000 was accepted. VOTE: 6-0

The species is considered casual in Tennessee.

#### RECORDS NOT ACCEPTED

Thayer's Gull (Larus thayeri): Written documentation of a single first-winter bird seen at Pickwick Dam in Hardin Co., TN on 3 February 2001 by Chris Sloan, Jeff Wilson, Phillip Casteel, and Frank Fekel was not accepted. VOTE: 4-1, 1 abstention.

The record was not accepted because of insufficient details to determine specific species.

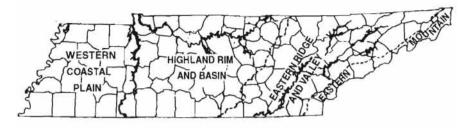
#### **OBSERVERS**

This is a list of observers who submitted documentation and/or photographs to the committee: Maurice Edwards, Bob Sargent, Chris Sloan, Stephen Stedman, Melinda Welton, and Alan Wormington. The committee wishes to thank everyone who took time to contribute documentation.

If you have questions about the documentation of a specific species, the Official List of Tennessee Birds can be found in the Tennessee Bird Records Committee section of the Tennessee Ornithological Society website (www.tnbirds.org). This list was designed as a guide to the status and distribution of the avifauna of Tennessee. A rare bird reporting form can be downloaded from the same section of the TOS website.

#### THE FALL SEASON

#### RICHARD L. KNIGHT, Editor



#### 1 AUGUST-30 NOVEMBER 2001

The most notable aspect of the weather this fall was the late-season warmth, with November being quite mild statewide. Precipitation varied greatly over the course of the period, with both near-drought conditions and localized flooding occurring in some regions.

Waterfowl numbers were low, apparently in response to the lingering mild temperatures further north. However, scoters or Long-tailed Ducks were found in several regions. The shorebird flight was good again, particularly in the Ridge and Valley. Ruffs and Red Knots were reported from two regions apiece, and American Avocets appeared in three regions. Passerine migration seemed fairly typical for recent years. A significant incursion of Red-breasted Nuthatches occurred, but boreal finches appeared only in modest numbers. An early American Tree Sparrow was seen near Nashville. Highlights from four banding stations are reported in the Mountain region.

Among rarities, Western Grebe and Sabine's Gull were probably the most noteworthy. Pacific Loon has almost become regular in the Pace Point area. The secretive Nelson's Sharp-tailed Sparrow was found in three regions, probably an indication that birders are more adept at searching for it.

#### Standard Abbreviations

ad-adult L-Lake

b.-banded Irs-latest reported sighting

Co-County m-male

Cr-Creek max-maximum count ers-earliest reported sighting m.ob.-many observers

et al.-and others Mtn-Mountain

f- female Pt-Point
fide-reported by R-River
im-immature sp.-species
Is-Island SP-State Park

juv-juvenile WMA-Wildlife Management Area

WESTERN COASTAL PLAIN REGION — While the weather was not remarkable during the first three months of the fall period, November was unusually warm and almost completely dry in its first three weeks. Then, during the final week of November, the area received more than twice the normal rainfall for the entire month, causing local flooding. The season produced an array of notable sightings, including a Western Grebe at Reelfoot Lake, along with a Ruff and a Nelson's Sharptailed Sparrow in Shelby County. Also, a Sabine's Gull was reported in Shelby County, while Piping Plovers were noted in Lake and Shelby Counties. The Pace Point area yielded its many specialties — Red-throated and Pacific loons, Red-necked Grebe, all three scoters, Golden Eagle, and both black-backed gulls.

Loon - Ibis: Red-throated Loon: 21 Oct-25 Nov (1) Pace Pt. & Paris Landing SP (JRW et al.). Pacific Loon: 3/25 Nov (1) Pace Pt. (JRW et al.). Common Loon: 18 Nov (386) Pace Pt. (JRW, KL), max. Horned Grebe: 3/18 Nov (300+) Pace Pt. (JRW et al.), max. Red-necked Grebe: 3 Nov (1) Pace Pt. (JRW, LP). WESTERN GREBE: 11-12 Nov (1) Reelfoot L (JRW, KL, NaM, Michael Todd, Bettie Sumara). American White Pelican: reported from Lake, Dyer, Shelby, & Henry Cos; 1 Nov (2620) Shelby Co (JRW), max. Double-crested Cormorant: 11 Nov (2100) Reelfoot L (JRW et al.), max. Plegadis sp.: 14-19 Sep (1) Black Bayou (David Sams, MAG, KL, BL, NaM); 27 Oct (1) Pace Pt. (JRW).

Goose - Crane: Greater White-fronted Goose: 10 Nov (1) Black Bayou (NaM); 18 Nov (1) Britton Ford (JRW, KL); 25 Nov (100) Reelfoot L (NaM). Surf Scoter: 3 Nov (3) Pace Pt. (JRW, LP). White-winged Scoter: 4 Nov (1) Pace Pt. (JRW, LP). Black Scoter: 4 Nov (1) Paris Landing SP (JRW, LP). Ruddy Duck: 17 Nov (5,000) Reelfoot L (JRW, MAG, m.ob.), max. Mississippi Kite: 1 Nov (1) Memphis (MGW); 3 Nov (1) Germantown, Shelby Co (Bill Peeples), record late for Co. Bald Eagle: 24 Nov (49) Big Sandy Unit, Henry Co (JRW, m.ob.), max. Northern Harrier: 26 Aug (1 each) Dyersburg & Black Bayou (KAC, JSD, CAS), ers. Sharp-shinned Hawk: 25 Aug (1) Shelby Co (VH), ers. Golden Eagle: 28 Oct-23 Nov (1-2) Big Sandy Unit, Henry Co (JRW et al.). Merlin: 22 Sep (1) Reelfoot L (JRW); 22 Sep (1) Gibson Co (MAG); 15/25 Oct (1) Black Bayou (NaM); 4 Nov (2) Is. 13 (KL, BL). Peregrine Falcon: 19 Aug (2) Overton Park, Shelby Co (VH); 26 Aug/15 Sep/5 Oct (1) EARTH Complex (CHB, WRP, VBR, JRW); 15 & 23 Sep/10 Nov (1-2) Black Bayou (MAG, KL, BL, NaM); 1 Sep/5 & 15 Oct/1 Nov (1) Memphis (JRW, WRP, Knox Martin, MGW). King Rail: 6 Sep (1) Black Bayou (NaM). Sandhill Crane: 23-25 Nov (2) Pace Pt. (JRW et al.); 23/30 Nov (1) Eagle Lake WMA, Shelby Co (Glenn Campbell, JRW).

Shorebirds: Black-bellied Plover: 18 Nov (1) Pace Pt. (JRW, KL), Irs. Piping Plover: 10 Aug (1) EARTH Complex (JRW, PDC, FCF, JKS); 2/9 Sep (2) Is. 13 (JRW, KL, BL, NaM). Black-necked Stilt: 25 Aug (26) EARTH Complex (VBR), max; 9/11 Sep (5/3) Dyer Co (JRW, WGC, KL, BL, NaM); 8 Oct (1) EARTH Complex (JRW), Irs. American Avocet: 1 Sep (1) Mud Is. (JRW); 16-24 Oct (1) Shelby Farms (JRW, MTOS). Upland Sandpiper: 11-28 Aug (1-4) EARTH Complex (JRW et al.); 19 Aug (1)

Tiptonville (RLW, Charles Askew, Lillian Durand, Kate Gooch). Red Knot: 28 Aug (5) Mud Is. (JRW). Sanderling: reported from Lake, Dyer, & Shelby Cos.; 2 Sep (15) Tiptonville bar (JRW), max. White-rumped Sandpiper: 25 Aug/29 Sep (1) EARTH Complex (JRW). Buff-breasted Sandpiper: 11 & 25 Aug/2 Sep (1-4) EARTH Complex (JRW et al.); 2 Sep (12) Tiptonville bar (JRW); 2/9 Sep (18/4) Is. 13 (JRW, KL, BL, NaM). RUFF: 4-7 Aug (1) EARTH Complex (JRW, m.ob.). Long-billed Dowitcher: 22 Sep (1) EARTH Complex (PDC, JSD, FCF, CAS). Common Snipe: 19 Aug (1) Dyer Co (RLW, Charles Askew, Lillian Durand, Kate Gooch), ers. American Woodcock: 29 Oct (2) Gibson Co (MAG); 13 Nov (2) Reelfoot L (NaM).

Gull: 29 Sep (1) McKellar L, Shelby Co (JRW); 20/28 Oct (2/1) Pace Pt. (JRW); 27 Oct (1) Britton Ford (JRW); 17 Nov (1) Reelfoot L (JRW, MAG, KL et al.). Bonaparte's Gull: 20 Oct (1) Pace Pt. (JRW), ers. Ring-billed Gull: 2 Sep (1) Tiptonville bar (JRW), ers. Lesser Black-backed Gull: 20 Oct/4 Nov (1 ad) & 21 Oct-25 Nov (1 im) Pace Pt. (JRW, MAG, Michael Todd et al.). Great Black-backed Gull: 21 Oct-3 Nov (1 im) Pace Pt. (JRW et al.). SABINE'S GULL: 3 Sep (1 im) Mud Is. (JRW, MAG, Bonnie Johnson, Judy Newsome). Common Tern: 10 Aug (1) EARTH Complex (JRW, PDC, FCF, JKS); 1 Sep (2) Mud Is. (JRW); 21 Oct (1) Pace Pt. (JRW). Forster's Tern: 21 Oct (32) Pace Pt. (JRW), max. Least Tern: 1 Sep (47) Mud Is. (JRW), max. Black Tern: 9 Sep (81) Lake Co (JRW, NaM, KL, BL), max. Eurasian Collared-Dove: 5 Aug (10) Memphis (CHB, VBR, WRP), max. Barn Owl: 23 Oct (1 juv) Shelby Farms (Knox Martin). Common Nighthawk: 14 Sep/10 Oct (47/50) Gibson Co (MAG); 15 Nov (4) Memphis (MGW), Irs. Ruby-throated Hummingbird: 24 Oct (1) Shelby Co (VH), Irs. Rufous Hummingbird: 30 Aug thru season (1 ad male, photo) Memphis (Anne Hooper).

Flycatcher - Wren: Olive-sided Flycatcher: 2 Sep (1) Dyer Co (JRW, KL, BL, NaM). Yellow-bellied Flycatcher: 27 Aug (1) Munford (DDP); 2 Sep (1) Dyer Co (JRW, KL, BL, NaM). Willow Flycatcher: 26 Aug (2) Tennemo Levee, Dyer Co (KAC, JSD, CAS); 15 Sep (1) Shelby Forest (DDP). Least Flycatcher: 3 Sep (1) Shelby Farms (WRP); 9 Sep (1) Dyer Co (JRW, WGC, KL, BL, NaM). Eastern Kingbird: 14 Oct (1) Dyer Co (KL, BL), Irs. White-eyed Vireo: 19 Oct (1) Black Bayou (KL, NaM), Irs. Warbling Vireo: 21 Sep (1) Shelby Co (VH), Irs. Purple Martin: 21 Sep (1) Shelby Co (WRP), Irs. Red-breasted Nuthatch: apparent invasion year (m.ob.). Marsh Wren: 19 Sep (1) Eagle Lake WMA, Shelby Co (VBR); 23 Sep (1) EARTH Complex (CHB, VBR).

Warblers: Orange-crowned Warbler: 16 Sep (1) Munford (DDP), ers. Black-throated Green Warbler: 1 Aug (1) Memphis (RLW), ers. Prairie Warbler: 15 Sep (1) Shelby Forest (DDP, Margaret Jefferson). Palm Warbler: 22 Sep (1) Mud Is. (PDC, JSD, FCF, CAS). Cerulean Warbler: 15 Sep (1) Shelby Forest (VBR), Irs. Black-and-white Warbler: 10 Aug (1) Millington, Shelby Co (VH). Louisiana Waterthrush: 15 Sep (1) Shelby Forest (DDP, Margaret Jefferson), Irs. Mourning Warbler: 3 Sep (1 found dead) Memphis (Debbie Bruce); 16 Sep (1) Munford (DDP). Canada Warbler: 25 Aug (1) Munford (DDP); 9 Sep (1) Dyer Co (WGC, KL, BL, NaM).

Sparrow - Siskin: Vesper Sparrow: 14-21 Nov (1-5) Shelby Farms (CHB, WRP, VBR). Grasshopper Sparrow: 26 Aug (1) Black Bayou (KAC, JSD, CAS); 18 Oct (1) Shelby Farms (JRW). LeConte's Sparrow: 18 Oct (2) Shelby Farms (JRW); 3 Nov (1) Britton Ford (JRW, LP). Nelson's Sharp-tailed Sparrow: 16 Oct (1) Shelby Farms (JRW). Lapland Longspur: 17 Nov (300+) Lake Co (MAG, JRW, m.ob.), max. Painted Bunting: 5 Aug (1) EARTH Complex (CHB, WRP, VBR), Irs. Dickcissel: 5 Sep (1) Black Bayou (NaM), Irs. Purple Finch: 10/17 Nov (6) Reelfoot L (NaM, Bettie Sumara); 18 Nov (1) Bartlett, Shelby Co (Bob Ilardi); 21 Nov (1) Shelby Farms (RLK, WRP). Pine Siskin: 30 Oct/4 Nov (13/25) Troy, Obion Co (Jesse Livingston); 17-18 Nov (1) Reelfoot L (NaM); 24 Nov (1) Millington, Shelby Co (VH).

Locations: Black Bayou - in Lake Co; Britton Ford - in Henry Co; EARTH Complex - in Shelby Co; Is. 13 - in Lake Co; Mud Is. - in Shelby Co; Munford - in Tipton Co; Pace Pt. - in Henry Co; Paris Landing SP - in Henry Co; Reelfoot L - in Lake & Obion Cos; Shelby Farms/Forest-in Shelby Co; Tiptonville - in Lake Co.

W. ROBERT PEEPLES, 8205 Meadow Glen Drive, Germantown, TN 38138.

HIGHLAND RIM AND BASIN REGION — During the fall, period temperatures in Nashville were about normal in August, but somewhat cooler than usual in September and October. However, November bucked this trend with temperatures significantly warmer than usual, making that month a major extension of fall rather than a prelude to winter. Rainfall in August was near normal, but only about half the usual precipitation fell in September. The amount of rain in October and November rebounded and was significantly above normal. However, the latter month was quite dry until a deluge of 3.5 inches fell on 29 November. Duck numbers were down significantly compared to this period last year, perhaps due to the unseasonably warm temperatures. Red-breasted Nuthatches were reported in many locations, suggesting this species is staging an invasion into the region.

Loon - Tern: Common Loon: 25 Nov (21) Percy Priest L (GBC). Pied-billed Grebe: 1 Sep (4) Radnor L (MAZ), ers. Little Blue Heron: 1 Sep (1) Radnor L (JKS, HKC). Gadwall: 22 Oct (6) Radnor L (GBC), ers. American Wigeon: 31 Oct (2) Radnor L (JKS, HKC), ers. American Black Duck: 24 Oct (1) Radnor L (DWD, CPD, JKS), ers. Blue-winged Teal: 29 Aug (11) Radnor L (FCF), ers; 21 Nov (1) Cane Cr. Park (SJS), new late date for Co. Northern Shoveler: 31 Oct (3) Radnor L (JKS, HKC), ers. Ring-necked Duck: 17 Oct (4) Radnor L (FCF), ers. Long-tailed Duck: 9 Nov (1 f) Radnor L (Elizabeth O'Connor). Hooded Merganser: 15 Nov (23) Franklin Reservoir, Williamson Co (Elizabeth O'Connor). Ruddy Duck: 17 Oct (1) Radnor L (FCF), ers. Bald Eagle: 1 Sep (1) Radnor L (PDC, MAZ). Merlin: 29 Sep (1) Cheatham Co (Daniel Jacobson, Jerry Drewry, Joe Stone, Sabin Thompson). Semipalmated Plover: 29 Sep (3) Gallatin Steam Plant (CAS). Solitary Sandpiper: 16 Aug (2) Shelby Bottoms (PDC). Baird's Sandpiper: 31 Aug (1) Gallatin Steam Plant (Terry Witt). Caspian Tern: 31 Aug (20) Gallatin Steam Plant (Terry Witt). Black Tern: 28 Aug (5) Percy Priest L (DHM, ACL).

Nighthawk - Catbird: Common Nighthawk: 2 Sep (400+) Nashville (HKC, JKS, MAZ), max; 10 Nov (6) Nashville (JSD), lrs. Chimney Swift: 10 Oct (250+) Radnor L (FCF). Yellow-bellied Sapsucker: 27 Sep (1) Putnam Co (BHS), ers. Olive-sided Flycatcher: 23 Aug (1) Shelby Park (GBC); 9 Oct (1) Shelby Park (PDC, FCF), new late date in Nashville area. Yellow-bellied Flycatcher: 12 Sep (1) Radnor L (FCF). Least Flycatcher: 2 Sep (1) Shelby Park (PDC, MAZ), ers; 25 Sep (1) Shelby Park (PDC), Irs. Eastern Kingbird: 29 Sep (2) Shelby Bottoms (PDC, MAZ, Mark Hackney), Irs. Blue-headed Vireo: 25 Sep (1) Shelby Park (PDC), ers; 24 Oct (1) Radnor L (DWD, CPD, JKS), Irs. Warbling Vireo: 15 Sep (1) Putnam Co (BHS), new late date for Co; 29 Sep (1) Shelby Park (PDC), Irs. Philadelphia Vireo: 7 Sep (1) Radnor L (FCF), ers. Tree Swallow & Barn Swallow: 24 Oct (1 each) Monsanto Ponds, Maury Co (Anna Varney), Irs. Red-breasted Nuthatch: 18 Sep (1) Shelby Park (FCF, PDC), ers; many more reports from across the region. Brown Creeper: 10 Oct (1) Radnor L (FCF), ers. Winter Wren: 20 Sep (1) Radnor L (JKS, FCF), ers. Sedge Wren: 22 Aug (1)/9 Oct (4) Shelby Bottoms (PDC, FCF). Golden-crowned Kinglet: 5 Oct (4) Shelby Park (CAS), ers. Ruby-crowned Kinglet: 15 Sep (1) Putnam Co (BHS), new early date for Co. Veery: 6 Sep (1) Radnor L (DWD, CPD), ers. Swainson's Thrush: 27 Aug (1) Percy Priest L (DHM, ACL), ers; 21 Oct (2) Radnor L (FCF), Irs. Hermit Thrush: 24 Oct (1) Radnor L (FCF), ers. Gray Catbird: 18 Nov (1) Putnam Co (BHS, SJS), new late date for Co.

Warblers: Blue-winged Warbler: 20 Sep (1) Radnor L (FCF), Irs. Golden-winged Warbler: 29 Aug (1) Radnor L (FCF), ers. Tennessee Warbler: 26 Aug (1) Cane Cr. Park (SJS et al.), ers, new early date for Co; 28 Oct (1) Shelby Park (PDC), Irs. Nashville Warbler: 28 Aug (1) Shelby Park (PDC), ers, new early date for Nashville area; 28 Oct (1) Putnam Co (SJS, Winston Walden), Irs, new late date for Co. Orangecrowned Warbler: 18/25 Oct (1) Radnor L (FCF). Chestnut-sided Warbler: 17 Aug (1) Cane Cr. Park (SJS), ers, new early date for Co; 10 Oct (1) Radnor L (GBC, FCF), Irs. Magnolia Warbler: 26 Aug (1) Cane Cr. Park (SJS et al.), ers, new early date for Co. Cape May Warbler: 14 Sep (1) Davidson Co (DWD, CPD); 3 Oct (1) Radnor L (JKS, NTOS); 3 Oct (1) Ensor Sink Natural Area, Putnam Co (SJS, Ginger Ensor, Michael O'Rourke, John Owens); rare in region. Black-throated Blue Warbler: 3 Oct (1 f) Radnor L (PDC, NTOS); 3 Oct (1 m) Davidson Co (DWD, CPD); 18 Oct (1 m) Radnor L (FCF); rare in region. Yellow-rumped Warbler: 26 Aug (1) Percy Priest L (DHM, ACL), new early date in Nashville area. Black-throated Green Warbler: 24 Oct (1) Radnor L (FCF), Irs. Blackburnian Warbler: 31 Aug (1) Radnor L (GBC, FCF), ers; 30 Sep (1) Shelby Park (PDC, JKS, MAZ). Bay-breasted Warbler: 20 Oct (1) Radnor L (FCF), Irs. Blackpoll Warbler: 29 Sep (1) Davidson Co (Richard Connors), rare in fall. American Redstart: 18 Oct (1) Radnor L (FCF), Irs. Mourning Warbler: 7 Sep (1 f) Radnor L (FCF); 12 Sep (1 m) Radnor L (NTOS); 22 Sep (1) Warren Co (Susan McWhirter). Common Yellowthroat: 4 Nov (1) Cane Cr. Park (SJS), new late date for Co. Wilson's Warbler: 28 Aug (1) Shelby Park (PDC), ers. Canada Warbler: 25 Sep (1) Shelby Park (PDC), Irs.

Sparrow - Siskin: American Tree Sparrow: 6 Oct (1) Long Hunter S.P., Davidson Co (John Froeschauer), new early date for state. Henslow's Sparrow: 21 Oct (2) Warren Co (Susan McWhirter). Fox Sparrow: 3 Nov (1) Shelby Park (PDC), ers. Swamp Sparrow: 29 Sep (3) Cheatham Co (Daniel Jacobson, Jerry Drewry, Joe Stone, Sabin Thompson), ers. Dark-eyed Junco: 29 Sep (4) Shelby Park (PDC, MAZ, Mark Hackney, Robert Rich), ers. Blue Grosbeak: 22 Nov (1) Monsanto Ponds, Maury Co (MAZ), Irs. Bobolink: 26 Sep (1) Putnam Co (SJS), new late date for Co. Rusty Blackbird: 13 Nov (8) Fort Campbell, Stewart Co (Daniel Moss), ers. Purple Finch: 14 Nov (17) Radnor L (FCF), ers. Pine Siskin: 6 Nov (1) Davidson Co (Marian Delaplane), ers.

Locations: Cane Cr. Park - in Putnam Co; Gallatin Steam Plant - in Sumner Co; Percy Priest L - in Davidson Co; Radnor L - in Davidson Co; Shelby Park/Bottoms - in Davidson Co.

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CUMBERLAND PLATEAU/RIDGE & VALLEY REGION — As a whole this season was generally mild and dry, with some variations. Late September and much of October were slightly cooler than normal. However, November was significantly warmer than average. Precipitation was a matter of extremes. Heavy mountain rains in Greene and Unicoi counties (15 inches in 48 hours at Viking Mtn.) in early August caused flooding in the Nolichucky and French Broad Rivers. As a result of this, Douglas Lake remained full later than usual, thus not exposing the mud flats at Rankin Bottoms until mid-September (three to four weeks late). The rest of the period was quite dry. In the northeast part of the region, both October and November had less than an inch of rainfall; indeed, November was the driest on record in the Tri-cities. The lack of rain at Chattanooga resulted in dry marshes, which then held few marsh birds.

Shorebird migration was the highlight of the season, especially at Rankin Bottoms and Kingston Steam Plant. Ruff, Red Knot, and Red Phalarope were particularly noteworthy. Also of interest was the arrival of a few boreal irruptive species, primarily Red-breasted Nuthatches. A Common Raven seen just south of Jellico may be the first Cumberland Plateau record in Tennessee in many years. It probably wandered down from southeast Kentucky or southwest Virginia. Additional ravens were seen in northern Greene County, as the population of this species continues to increase and expand in the Southern Appalachians. Other notable rarities included Swallow-tailed Kite and Nelson's Sharp-tailed Sparrow.

Grebe - Ibis: Pied-billed Grebe: 13 Aug (1) Austin Springs (RLK), ers. American White Pelican: 2-7 Nov (4) Douglas L (RLK, m.ob.). Least Bittern: 12 Sep (1) Amnicola Marsh, Hamilton Co (David Aborn). Great Egret: widespread in small numbers; 9 Sep (75) Rankin Bottoms (RLK), max; 20 Nov (1) Campbell Co (NeM, AW), Irs. Little Blue Heron: 3/5 Aug (1 im) Holston R., Hawkins Co (DHM/Glen

Eller); 7/11 Aug (1 im) Kingston Steam Plant (FLB et al.); 31 Aug (1 im) Brainerd Levee (KAC); 20-21 Sep (1 im) Cove Lake SP (NeM). **Black-crowned Night-Heron**: 25 Aug (11) Kingston Steam Plant (SJS, Winston Walden); 2 Nov (31) Douglas Dam, Sevier Co (RLK). *Plegadis* sp.: 8 Aug (1) Rankin Bottoms (Michael Sledjeski, Leslie Gibbens).

Duck - Rail: American Black Duck: 20 Sep (1) Kingston Steam Plant (RDH, DM, FLB), ers. Northern Shoveler: 2 Sep (2) Rankin Bottoms (KTOS); 5 Sep (3) Kingston Steam Plant (SJS, Arthur McDade); ers. Northern Pintail: 23 Sep (1) Kingston Steam Plant (Chris Welsh), ers. Hooded Merganser: 26 Aug (1) Kingston Steam Plant (DHM), ers. Osprey: 2 Nov (1) Douglas L (RLK); 30 Nov (1) Ft. Loudoun L, Knox Co (Chris Welsh); both late. Swallow-tailed Kite: 8 Aug (1) Oak Ridge (Mark Wagner fide Jim Campbell). Golden Eagle: 25 Sep (1) Soddy Mtn (WGH), early (Table 1). Peregrine Falcon: 5 Aug (2) Greene Co (AW); 2/22 Sep (1) Kingston Steam Plant (KAC/RDH, DM, FLB); 26 Sep (1) Rankin Bottoms (RLK); 2 Oct (1) Oak Ridge (Tom Thomas). Sora: 28 Aug (1) Greene Co (DHM, ACL); 22 Sep (1) Brainerd Levee (KAC), only report there; 24 Sep (1) Washington Co (Danny Huffine); 19 Nov (1) Kingston Steam Plant (AW).

Table 1. Fall 2001 hawkwatch totals from Soddy Mtn. (WGH et al.). 4 Sep-9 Dec, 60 days, 341 hours.

Species	Count	Species	Count 1842
Black Vulture	56	Broad-winged Hawk	
Turkey Vulture	645	Red-tailed Hawk	309
Osprey	10	Golden Eagle	1
Bald Eagle	34	American Kestrel	18
Northern Harrier	37	Merlin	5
Sharp-shinned Hawk	254	Peregrine Falcon	6
Cooper's Hawk	64	Red-shouldered Hawk	23
Unknown	8		

Total: 701 vultures & 2611 hawks = 3312

Shorebirds: Black-bellied Plover: 24 Aug (1) Kingston Steam Plant (Boyd Sharp); 23-26 Sep (2) Rankin Bottoms (DHM et al.). American Golden-Plover: 14-24 Sep (1-3) Rankin Bottoms (RLK et al.); 18-21 Sep (1-2) Kingston Steam Plant (Judy Newsome et al.); 18 Sep (1) Brainerd Levee (Betty Wampler). Semipalmated Plover: 14 Sep (20) Rankin Bottoms (RLK), max. Piping Plover: 19 Aug (1) Kingston Steam Plant (FLB et al.). American Avocet: 20 Sep (1) Kingston Steam Plant (ARH).

Solitary Sandpiper: 1 Sep (17) Austin Springs (RLK), max. Red Knot: 14-21 Sep (4-1) Rankin Bottoms (RLK, m.ob.), 4th record there. Sanderling: 2/14-24 Sep (1/1-5) Rankin Bottoms (KTOS/RLK et al.); 2/16-23 Sep (1/2) Kingston Steam Plant (KAC/ RJH, ARH et al.); 2 Nov (1) Douglas L (RLK), late. Semipalmated Sandpiper: 14 Sep (60) Rankin Bottoms (RLK), max. Western Sandpiper: 9 Sep (2) Rankin Bottoms (RLK). Least Sandpiper: 4 Nov (36) Douglas L (RLK). White-rumped Sandpiper: 3/20 Sep (1) Kingston Steam Plant (KAC/ARH); 24-26 Sep (1-4) Rankin Bottoms (RLK). Baird's Sandpiper: 11 Aug (2) Brainerd Levee (RJH); 22 Aug (1) Eagle Bend, Anderson Co (AW); 25-27 Aug (1) Knox Co (DJT, Allan Trently, m.ob.); 19/26 Sep (1) Rankin Bottoms (RLK/DHM). Pectoral Sandpiper: 14 Sep (140) Rankin Bottoms (RLK), max. Dunlin: 24 Oct (3) Brainerd Levee (LAW, Susan Schott, Cynthia Wilkerson); 4 Nov (101) Douglas L (RLK). Stilt Sandpiper: 7 Aug-5 Sep (1-4) Kingston Steam Plant (FLB et al.); 14 Aug (1) Eagle Bend, Anderson Co (Jim & Betty Reid Campbell); 9-24 Sep (1-9) Rankin Bottoms (RLK et al.). Buff-breasted Sandpiper: 25-27 Aug (1) Knox Co (Dean Edwards, m.ob.); 2-18 Sep (1-3) Kingston Steam Plant (KAC, m.ob.); 19-24 Sep (2) Rankin Bottoms (RLK). RUFF: 23 Sep (2 im) Rankin Bottoms (DHM, ACL, Linda Northrop), 3rd East Tenn. record. Short-billed Dowitcher: 7-18 Aug (1) Kingston Steam Plant (FLB et al.); 13 Aug (1) Greene Co (DHM); 2/9 Sep (4/1) Rankin Bottoms (KTOS/RLK). Common Snipe: 10 Aug (1) Greene Co (DHM, ACL), ers. American Woodcock: 28 Oct / 14 Nov (1) Cove Lake SP (NeM). Wilson's Phalarope: 11 Aug (1) Kingston Steam Plant (FLB). Red Phalarope: 16-23 Sep (1) Kingston Steam Plant (RJH et al.); 23-24 Sep (1) Rankin Bottoms (Michael Sledjeski, RLK).

Gull - Hummingbird: Laughing Gull: 14-19 Sep (5) Rankin Bottoms (RLK, m.ob.). Ring-billed Gull: 18 Aug (2) Kingston Steam Plant (JSD et al.); 21 Aug (2) Douglas L (RLK); both early. Caspian Tern: 11 Aug-20 Sep (1-5) Kingston Steam Plant (KTOS); 16 Aug (2) Cove Lake SP (NeM); 28 Sep (2) Tennessee R., Hamilton Co (LAW, Janice Chadwell, Susan Schott). Common Tern: 4 Nov (1) Kingston Steam Plant (KTOS). Forster's Tern: 1 Sep (1) Austin Springs (RLK); 14 Sep (1) Rankin Bottoms (RLK). Black Tern: 11 Aug (3) Kingston Steam Plant (Dean Edwards); 1 Sep (3) Austin Springs (RLK); 2/9 Sep (2/1) Rankin Bottoms (KTOS/RLK). Barn Owl: 2-19 Aug (1-3) Greene Co (DHM, ACL). Rufous Hummingbird: 4 Nov (1 f, b.) Kodak, Sevier Co (CAS); 11 Nov (1 f) Sequatchie Co (Clyde Blum).

Flycatcher - Wren: Olive-sided Flycatcher: 25 Sep (1) Campbell Co (NeM). Eastern Kingbird: 2 Sep (100+) Rankin Bottoms (KTOS), max. Scissor-tailed Flycatcher: 2 Aug (1) Rogersville, Hawkins Co (Dee Eiklor); 11 Aug (1) Tazewell, Claiborne Co (Janice Martin). Warbling Vireo: 14 Sep (1) Washington Co (Larry McDaniel), Irs. Philadelphia Vireo: 30 Aug/11-30 Sep (4 reports) Hamilton Co (Harold Birch/KAC et al.). Common Raven: 19 Aug (2/1) Greeneville/near Bays Mtn., Greene Co (DHM, ACL); 20 Nov (1) I-75 about 5 miles south of Jellico, Campbell Co (NeM). Redbreasted Nuthatch: 5 Sep (1) Anderson Co (Charles Nicholson), ers; widespread & fairly numerous thereafter. Brown-headed Nuthatch: 2-3 regular at Kingston Steam

Plant & Melton Hill Dam (KTOS). **Brown Creeper:** 29 Sep (1) Johnson City (RLK), ers. **Sedge Wren:** 20/29 Sep (1) Austin Springs (RLK); 30 Sep/21 Oct (1) Brainerd Levee (KAC, Bonnie Johnson). **Marsh Wren:** 25 Aug (1) Kingston Steam Plant (SJS, Winston Walden); 15-22 Sep (1) Brainerd Levee (KAC).

Warblers: Golden-winged Warbler: 1 Sep (1) Greene Co (DHM, ACL); 15 & 23 Sep/4 Oct (1) separate Hamilton Co sites (LAW, KAC, JSL); 29 Sep (1) Washington Co (RLK). Orange-crowned Warbler: 1 Sep/27 Oct (2/1) Campbell Co (NeM). Yellow Warbler: 29 Sep (1) Austin Springs (RLK), Irs. Magnolia Warbler: 17 Nov (1) Hamilton Co (JSL), record late in state. Yellow-rumped Warbler: 22 Sep (2) Cove Lake SP (NeM), ers. Cerulean Warbler: 2 Sep (1) Greene Co (DHM). Prothonotary Warbler: 10 Sep (1) Rankin Bottoms (DHM), Irs. Connecticut Warbler: 23 Sep (1) Washington Co (Dee Eiklor); 1 Oct (1) Greene Co (DHM, ACL). Wilson's Warbler: 1 Sep (2) Campbell Co (NeM); 15 Sep-4 Oct (3 reports of 1-3) Hamilton Co (LAW, KAC, JSL).

Sparrow - Finches: Grasshopper Sparrow: 4 Nov (1) Kingston Steam Plant (KTOS), Irs. Nelson's Sharp-tailed Sparrow: 21 Oct (2) Brainerd Levee (KAC), first record in southeast Tenn. Lincoln's Sparrow: 22 Sep (1) Kingston Steam Plant (RDH, DM, FLB); 22 Sep /30 Oct (1) Hamilton Co (KAC/LAW); 1 Oct (1) Washington Co (RLK); 5-30 Oct (1-2) Campbell Co (NeM); 20-22 Oct (1) Greene Co (DHM, ACL). Swamp Sparrow: 29 Sep (1) Austin Springs (RLK), ers. Rose-breasted Grosbeak: 25 Sep (100) Cross Mtn., Campbell Co (NeM), max. Bobolink: 17 Oct (1) Greene Co (DHM), Irs. Rusty Blackbird: 3 Oct (2) Greene Co (DHM), ers. Purple Finch: 26 Oct (2) Jacksboro, Campbell Co (NeM), ers; widespread in modest numbers thereafter. Red Crossbill: 25 Oct (6) Cove Lake SP (NeM). Pine Siskin: 25 Oct (6) Cross Mtn., Campbell Co (NeM), ers. Evening Grosbeak: 5 Nov (2 f) Bledsoe Co (Roi & Debbie Shannon); 19 Nov (1 f) Sewannee, Franklin Co (Jerry Ingles); only reports.

Locations: Austin Springs - in Washington Co; Brainerd Levee - in Hamilton Co; Cove Lake SP - in Campbell Co; Douglas L - Jefferson & Cocke Cos.; Kingston Steam Plant - in Roane Co; Rankin Bottoms - in Cocke Co; Soddy Mtn - in Hamilton Co.

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EASTERN MOUNTAIN REGION — Seasonal highlights include a large flock of American Avocets, an accommodating White-winged Scoter, and single Snow Buntings at two separate sites. Four banding stations were conducted this fall, with summaries as follows:

- Big Bald Mountain: 2-22 Sep, with 1146 birds of 36 species banded; banders George R. Mayfield & Mark Hopee. Top species banded: Tennessee Warbler (538), Swainson's Thrush (144), Black-throated Blue Warbler (131), Blue-headed Vireo (44).
  - 2. Whigg Meadow: 8-22 Sep, with 797 birds of 39 species banded; bander David

- F. Vogt. Top species banded: Tennessee Warbler (289), Swainson's Thrush (124), Dark-eyed Junco (96), Black-throated Blue Warbler (49).
- 3. Roan Mountain: 20 Aug-5 Oct, with 576 birds of 39 species banded; bander Richard L. Knight. Top species banded: Tennessee Warbler (184), Swainson's Thrush (97), Black-throated Blue Warbler (85), Dark-eyed Junco (39).
- 4. Quarry Bog in Shady Valley: 9 Oct-6 Nov, with 311 birds of 11 species banded; bander Richard L. Knight. Top species banded: Song Sparrow (143), Swamp Sparrow (64), American Goldfinch (41), Savannah Sparrow (33).

Loon - Coot: Common Loon: 21 Aug (1) Watauga L (RLK), possibly summered (see summer report). Pied-billed Grebe: 9 Aug (2) S. Holston L (JWC), ers. Eared Grebe: 17 Sep (4)/21 Oct (10) S. Holston L (RLK, JWC/RLK), ers/max, present for 8th consecutive autumn. Double-crested Cormorant: 28 Oct (6) S. Holston L (MJE et al.), max. Great Egret: 9 Nov (8) S. Holston L (AW, H.P. Langridge), late. Bluewinged Teal: 4-6 Oct (165) S. Holston L (JWC), max. Northern Shoveler: 26 Oct (7) S. Holston L (JWC, Ruth Smith), max. Green-winged Teal: 28 Oct (8)/20 Nov (16) S. Holston L (MJE et al./JWC), max. Canvasback: 28 Oct (4) S. Holston L (MJE et al.). Ring-necked Duck: 26 Oct (195) S. Holston L (JWC, Ruth Smith), max. Whitewinged Scoter: 4-11 Nov (1 im) S. Holston R at weir (Michelle Brown, m.ob., photos). Long-tailed Duck: 11 Nov (1) S. Holston L (JWC et al.). Common Goldeneye: 20 Nov (1) Middlebrook L, Sullivan Co (JWC). Bald Eagle: 13 Aug-1 Sep (1 ad) S. Holston L (m.ob.). Broad-winged Hawk: 16 Sep (180) Stone Mtn (RLK), max. Merlin: 29 Aug (1) Carver's Gap (RLK, JWC); 29 Sep (1) Elizabethton (Gary Wallace, BKS); mid Sep (1) Big Bald Mtn (GRM, MH), seen several days. Peregrine Falcon: 24 Aug (1) Bristol speedway, Sullivan Co (Glen Eller, Rob Biller); 22 Sep (1) Stone Mtn (RLK). Sora: 1 Aug (1) Quarry Bog (RLK). American Coot: 20 Nov (600) S. Holston L (JWC), max.

Plover - Woodpecker: American Golden-Plover: 15-17 Sep (1) S. Holston L (JWC et al.). Semipalmated Plover: 1 Sep (6) S. Holston L (RLK), max. American Avocet: 21 Oct (14) Middlebrook L, Sullivan Co (Kevin Hamed, m.ob.), record high count in NE Tenn. Greater Yellowlegs: 9 Aug (1) S. Holston L (JWC), ers. Pectoral Sandpiper: 27 Aug (1) S. Holston L (JWC). Dunlin: 9-10 Nov (1) S. Holston L (AW et al.). Bonaparte's Gull: 20 Nov (32) S. Holston L (JWC), max. Herring Gull: 17 Oct (1) S. Holston L (RLK), ers. Caspian Tern: 15 Aug/11-19 Sep (1/1-4) S. Holston L (JWC et al.). Common Tern: 17/19 Sep (1/8) S. Holston L (JWC, RLK/DHM). Forster's Tern: 17 Aug (1) Watauga L (RLK); 20 Aug-6 Oct (1-2, irregularly) S. Holston L (JWC, RLK et al.). Black Tern: 17 Aug (5) Watauga L (RLK); 17-27 Sep (1-3) S. Holston L (JWC, RLK). Mourning Dove: 18 Aug-5 Oct (2 ad) Carver's Gap (RLK), a juv. seen on 25 Aug indicates breeding at this high elevation site. Red-headed Woodpecker: 16/22 Sep (1) Stone Mtn (RLK).

Flycatcher - Thrush: Yellow-bellied Flycatcher: 12 Sep (1 b.) Big Bald Mtn (GRM, MH). Least Flycatcher: 11 Sep (1 b.) Carver's Gap (RLK). Great Crested Flycatcher: 29 Sep (1) Elizabethton (BKS), Irs. Philadelphia Vireo: 7, 13, 16, &18 Sep (1 b. each

day) Big Bald Mtn (GRM, MH); 18 Sep (1 b.) Whigg Meadow (DFV). Common Raven: 1 Aug (1) Steele Cr. Park, Sullivan Co (Don Holt, Anna Hess). Bank Swallow: 2 Sep (1) Carver's Gap (RLK). Red-breasted Nuthatch: 7 Nov (15) Roan Mtn (RLK), max. Sedge Wren: 29 Sep (2) Quarry Bog (JWC). Marsh Wren: 9-20 Oct (1) Quarry Bog (RLK); 13 Oct (1) Erwin, Unicoi Co (BKS et al.). Gray-cheeked Thrush: 12-21 Sep (4 b.) Whigg Meadow (DFV), max. Swainson's Thrush: 13 Sep (100+/24 b.) Carver's Gap (RLK), max; 13 Sep (34 b.) Big Bald Mtn (GRM, MH).

Warbler - Siskin: Golden-winged Warbler: 10 Sep (1 b.) Big Bald Mtn (GRM, MH); 15-16 Sep (2 b.) Whigg Meadow (DFV). Tennessee Warbler: 6 Sep (1,000+/102 b.) Carver's Gap (RLK, Ron Harrington), max; 13 Sep (158 b.) Big Bald Mtn (GRM, MH). Black-throated Blue Warbler: 5 Sep (150+) Carver's Gap (RLK), max. Yellow-rumped Warbler: 22 Sep (1) Stone Mtn (RLK), ers. Mourning Warbler: 16 Sep (1) Stone Mtn (RLK). Wilson's Warbler: 9 Sep (1 b.) Whigg Meadow (DFV). Henslow's Sparrow: 21 Oct (1 b.) Quarry Bog (RLK), 5th record in NE Tenn. Nelson's Sharp-tailed Sparrow: 11 Oct (1) Townsend, Blount Co (CM). Lincoln's Sparrow: 14 Sep (1 b.) Big Bald Mtn (GRM, MH); 11 Oct (1) Townsend, Blount Co (CM); 20 Oct-1 Nov (3 b.) Quarry Bog (RLK). Lapland Longspur: 12 Nov (1) S. Holston L (RLK, JWC, DHM, NeM, AW et al), 5th record in NE Tenn. Snow Bunting: 3-8 Nov (1) Clingman's Dome parking lot (CM et al.); 7 Nov (1) Roan Mtn (RLK). Rosebreasted Grosbeak: 1 Nov (1 f) Great Smoky Mtns. National Park (CM); 8-12 Nov (1 f, at feeder) Bluff City (Bert Hale, m.ob.), late. Rusty Blackbird: 30 Oct (1) Erwin, Unicoi Co (BKS et al.), ers. Purple Finch: 20 Oct (1) Quarry Bog (RLK, JWC), ers. Red Crossbill: 22-28 Aug (1-2) Roan Mtn (RLK); 3 Nov (15) Clingman's Dome (DJT). Pine Siskin: 3 Nov (400+) Clingman's Dome (DJT), max; 7 Nov (45) Roan Mtn (RLK), small numbers present all season.

Locations: Big Bald Mtn - in Unicoi Co; Carver's Gap - on Roan Mtn, Carter Co; Clingman's Dome - in Great Smoky Mtns. National Park; Quarry Bog - in Shady Valley, Johnson Co; Roan Mtn - in Carter Co; Stone Mtn - in Johnson Co; Watauga L - in Carter Co; Whigg Meadow - in Monroe Co.

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### **OBSERVERS**

FLB	- Frank L. Bills	DHM	- Don H. Miller
CHB	- Carolyn H. Bullock	NaM	- Nancy Moore
KAC	- Kevin A. Calhoon	NeM	- Nell Moore
<b>GBC</b>	- Gary B. Casey	CM	- Charlie Muise
HKC	<ul> <li>Hazel K. Cassel</li> </ul>	DM	- Dollyann Myers
PDC	- Phillip D. Casteel	LP	- Larry Peavler
JWC	- J. Wallace Coffey	WRP	- W. Robert Peeples
WGC	- W. Glen Criswell	DDP	- Dick D. Preston
JSD	- Jay S. Desgrosellier	<b>VBR</b>	- Virginia B. Reynolds
CPD	- Carrie P. Dortch	JKS	- Jan K. Shaw
DWD	- David W. Dortch	CAS	- Chris A. Sloan
MJE	- Mary J. Erwin	BHS	- Barbara H. Stedman
FCF	- Francis C. Fekel	SJS	<ul> <li>Stephen J. Stedman</li> </ul>
MAG	- Mark A. Greene	BKS	- Bryan K. Stevens
WGH	- William G. Haley	DJT	- David J. Trently
VH	- Van Harris	DFV	- David F. Vogt
RJH	- R. John Henderson	MGW	- Martha G. Waldron
ARH	- Audrey R. Hoff	AW	<ul> <li>Anthony Whitted</li> </ul>
RDH	- Ron D. Hoff	RLW	- Richard L. Whittington
MH	<ul> <li>Mark Hopee</li> </ul>	JRW	- Jeff R. Wilson
RLK	- Richard L. Knight	LAW	- Libby A. Wolfe
BL	- Betty Leggett	MAZ	- Mary A. Zimmerman
KL	- Ken Leggett		
ACL	- Alice C. Loftin	<b>KTOS</b>	- Knoxville chapter, TOS
JSL	- Jonnie Sue Lyons	MTOS	- Memphis chapter, TOS
GRM	- George R. Mayfield	NTOS	- Nashville chapter, TOS

#### INSTRUCTIONS TO AUTHORS

The Migrant records observations and studies of birds in Tennessee and adjacent areas. SUBMISSIONS: The original and two copies of the manuscript should be sent to the Editor: Christopher J. Welsh, 5337 Hickory Hollow Road, Knoxville, TN 37919. Manuscripts that have been published in other journals should not be submitted. Electronic copies on disk or sent by e-mail to <cwelsh@utk.edu> are greatly appreciated.

MATERIAL: The subject matter should relate to some phase of Tennessee ornithology. It should be original, factual, concise, and scientifically accurate.

STYLE: Both articles and short notes are solicited; recent issues of *The Migrant* should be used as a guide in the preparation of manuscripts. Where more detail is needed, reference should be made to the *CBE Style Manual*; this book is available at many public libraries and from the Council of Biology Editors, Inc., 111 East Wacker Drive, Suite 3200, Chicago, IL 60601-4298.

COPY: Manuscripts should be typed *double-spaced* on 8.5 x 11" paper with adequate margins for editorial notations. Tables and figures should be prepared on separate sheets with appropriate headings; see *CBE Style Manual* for examples of appropriate form for tables. Photographs intended for reproduction should be sharp with good contrast on glossy white paper; black-and-white photographs will usually reproduce better than color photographs. Weights, measurements, and distances should be in metric units. Dates should be in "continental" form (e.g., 16 March 1997). Use the 24-hour clock (e.g., 0500 or 1900).

NOMENCLATURE: The scientific name of a species should be given after the first use of the full common name in the text. The scientific name should be underlined and in parentheses. Names should follow the A. O. U. Check-list of North American Birds (seventh edition, 1998, or supplements).

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

ABSTRACT: Manuscripts of five or more typed pages should include an abstract. The abstract should be less then 5% of the length of the manuscript. It should include a brief explanation of why the research was done, the major results, and why the results are important.

LITERATURE CITED: List all literature citations in a "Literature Cited" section at the end of the text. Text citations should include the author and year.

IDENTIFICATION: Manuscripts including reports of rare or unusual species or of species at atypical times should include: date and 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 the identification, and reference works consulted.

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