



# THE MIGRANT



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## EDITORIAL STAFF

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<cwelsh@utk.edu>

Assistant Editor: Charles P. Nicholson, Box 402, Norris, TN 37828 <cpn@vic.com>

State Count Compiler: Ron Hoff, 282 Hackworth Lane, Clinton, TN 37716 <dollyron@icx.net>

Season Editor: Richard L. Knight, 804 North Hills Dr., Johnson City, TN 37604  
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### Editorial Assistants:

Angela Wampler, 295 Essex Dr., Bluff City, TN 37618 <aswampler@earthlink.net>

Richard P. and Amanda Lewis, 407 V.I. Ranch Rd., Bristol, TN 37620 <vir@tricon.net>

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*Tennessee Warbler* (TOS Newsletter) Editor: Theresa M. Graham, P.O. Box 366,  
Oakland, TN 38060, (901) 465-4263, Fax (901) 748-9200 <2graham@bellsouth.net>

The TOS website can be found at: [www.tnbirds.org](http://www.tnbirds.org)

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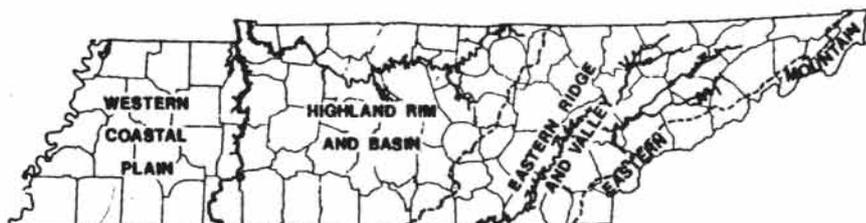
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The Migrant, 71 (2) 41-47, 2000.

## THE SEASON

RICHARD L. KNIGHT, Editor



WINTER: 1 DECEMBER 1999- 29 FEBRUARY 2000

This winter was regarded as mild across the entire state, although mild in the eastern mountains might not pass as mild at Memphis. Near-drought conditions persisted through December in most areas, with relief coming in January and February in all regions except the far west.

Several species lingered later than normal, no doubt due to the mild conditions. Notable in this category were Common Nighthawks in three regions. Boreal irruptives made a modest showing in the two eastern regions, highlighted by brief visits by White-winged Crossbills at Chattanooga and Roan Mountain, plus a Common Redpoll in Shady Valley that remained about a month. Although waterfowl numbers were generally considered low at most places, two species brightened the season. Two separate Harlequin Ducks occurred in the mountain region, with one lingering nearly a month. Ross' Geese were reported from three regions. Wintering hummingbirds appeared in all but the mountain region. Other rarities included Pacific Loon, Red-necked Grebe, Northern Goshawk, Franklin's and Great Black-backed Gulls, and Spotted Towhee. Eurasian Collared-Doves continue to turn up at new sites. It is often impossible to tell if they are genuine vagrants or local releases, which are known to have occurred in Tennessee. Regardless of their source, these doves should be monitored closely.

## Standard Abbreviations

ad - adult	im - immature
CBC - Christmas Bird Count	L - Lake
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	SP - State Park
fide - reported by	WMA - Wildlife Management Area

WESTERN COASTAL PLAIN REGION — Above average temperatures and drought conditions continued throughout the winter season. The open water in the northern tier of states might have been a major factor for both the late arrival and diminished numbers of waterfowl and Bald Eagles wintering in West Tennessee. Despite the warmer weather, the area hosted several interesting species near Paris Landing State Park: two Pacific Loons, a Red-necked Grebe, a Golden Eagle, a Great Black-backed Gull, and a Spotted Towhee. The 1200 Sandhill Cranes and 4 Long-eared Owls set high-count records for this region. A weak Saw-whet Owl was transported from West Memphis, Arkansas, to the Memphis Zoo; it was subsequently treated and released.

*Loon - Falcon:* **Red-throated Loon:** 11-13 Feb (2) Paris Landing SP (CAS, TOS). **PACIFIC LOON:** 11-13 Feb (2) Paris Landing SP (CAS, TOS). **Common Loon:** 15-16 Jan (1) Lake Co (MTOS). **Red-necked Grebe:** 11-13 Feb (1) Paris Landing SP (CAS, TOS). **American White Pelican:** 8 Dec (200+) Robco L., Shelby Co (CHB, SSL, BHW); 18 Dec (26) Reelfoot CBC; 15 Jan/27 Feb (35/10) Lake Co (MTOS). **Black-crowned Night-Heron:** 2 Feb (1) Reelfoot L. (Nancy Moore). **Tundra Swan:** 28 Dec (1) Savannah CBC. **Ross' Goose:** 25-29 Feb (1) Shelby Farms (VBR). **Canada (Hutchins') Goose:** 11-13 Feb (1) Britton Ford, Henry Co (CAS, TOS). **Greater Scaup:** 18 Dec (16) Reelfoot CBC. **Bald Eagle:** 15 Dec (2) Gooch WMA, Obion Co (Jack Colwick); thru season (3 nests, 2 occupied) Memphis (Rick Bryan, OKM, MGW). **Sharp-shinned Hawk:** (3) Hardin, (2) Madison, (3) Lake, & (3) Shelby Cos. **Cooper's Hawk:** (1) Madison, (2) Lake, (1) Hardin, & (7) Shelby Cos. **"Harlan's" Red-tailed Hawk:** 19 Dec (1) Memphis CBC. **Rough-legged Hawk:** 18 Dec (1) Reelfoot CBC; 19 Dec (2) Bessie, Lake Co (MAG et al.). **Golden Eagle:** 11-13 Feb (1) Pace Point (CAS, TOS). **Merlin:** 28 Dec (2) Savannah CBC. **Peregrine Falcon:** 15 Dec - 27 Jan (1) Memphis (David Blaylock, Martha Heinemann, SNM, MGW); 19 Feb (1) Wolf River WMA (CHB, VBR, MGW).

*Crane - Hummingbird:* **Sandhill Crane:** all season (approx. 1200) Hop-In WMA, Obion Co (Ralph Gray, TWRA), highest number reported wintering in West Tenn. **Lesser Yellowlegs:** 18 Dec (1) Reelfoot CBC. **Least Sandpiper:** 1 Dec thru Feb (8-10) Shelby Farms (VBR); 18 Dec (18) Reelfoot CBC. **Western Sandpiper:** 18 Dec (1) Reelfoot CBC. **Dunlin:** 18 Dec (15) Reelfoot CBC. **FRANKLIN'S GULL:** 19 Dec (1 ad) Memphis CBC. **Bonaparte's Gull:** 4 Jan (1) east Memphis (WRP); 16 Jan (25) Lake Co (MTOS); 9 Jan (1) Robco L., Shelby Co (CHB, SSL, WRP, VBR, BHW). **GREAT BLACK-BACKED GULL:** 11-13 Feb (1, first winter) Paris Landing SP (CAS, TOS). **Eurasian Collared-Dove:** 18 Dec (1) Reelfoot CBC; 16 Jan (17) Ridgley, Lake Co (CHB, WRP); 26 Feb (7) Kenton, Obion Co (MAG). **Common Nighthawk:** 18

Dec(1) Reelfoot CBC; 26 Jan (1) Memphis (OKM). **Barn Owl**: 1 Dec (1) north Shelby Co (OKM). **Long-eared Owl**: 1 Dec thru Feb (4 max) Hop-In WMA, Obion Co (David Pitts, m.ob.); 18 Dec (1 heard) Reelfoot CBC. **Short-eared Owl**: 18 Dec (3) Reelfoot CBC; 28 Dec (2) Savannah CBC; 31 Dec (1) Bessie, Lake Co (MAG, Jeff Wilson). **NORTHERN SAW-WHET OWL**: 30 Dec (1) West Memphis, Arkansas, treated for malnutrition at Memphis Zoo & released 3 Jan (OKM). *Selasphorus* sp.: 3-5 Jan (1) Memphis (WRP, VBR).

*Vireo-Finch*: **Blue-headed Vireo**: 25 Dec (1) Memphis (VBR). **Sedge Wren**: 16 Jan (2) Lake Co (MTOS); 2/23 Jan (3/1) Wolf River WMA (CHB, SNM, WRP, VBR, MGW). **Marsh Wren**: 18 Dec (2) Reelfoot CBC; 2/23 Jan (2/1) Wolf River WMA (CHB, SNM, WRP, VBR, MGW). **Blue-gray Gnatcatcher**: 29 Dec (1) Shelby Forest SP (MGW). **Cedar Waxwing**: 18 Jan (350+) Memphis (CHB).

**SPOTTED TOWHEE**: 11-13 Feb (1) Pace Point (CAS, TOS). **American Tree Sparrow**: 18 Dec - 16 Jan (4) Reelfoot Lake SP (MTOS). **Vesper Sparrow**: 15 Dec - 16 Feb (4 reports of 1-4) Shelby Co (MTOS). **Lincoln's Sparrow**: 1 Jan (1) Jackson CBC. **Harris' Sparrow**: 17 Dec into Jan (1) nw Shelby Co (Van Harris, Dick Preston, m.ob.). **Purple Finch**: 8 Dec (1) Wolf River WMA (SNM, MGW); 24 Dec (21) Brunswick, Shelby Co (Gaynell Perry); 8 Jan (2) Madison Co (Donna & Louise Ward); 10 Jan (2) Shelby Forest SP & 20 Feb (2) Wolf R. Green Belt, Shelby Co (WRP). **Pine Siskin**: 18 Dec (1) Reelfoot CBC; 10 Jan (2) Shelby Forest SP (WRP).

*Locations*: Pace Point - in Henry Co; Paris Landing SP - in Henry Co; Shelby Farms & Shelby Forest SP - in Shelby Co; Wolf River WMA - in Fayette Co.

MARTHA G. WALDRON, 1626 Yorkshire Drive, Memphis, TN 38119.

**HIGHLAND RIM AND BASIN REGION** — In Nashville the quarter had above average temperatures, with February being 6 degrees above normal. While December had only about half its typical rainfall, the first two months of the new year were normal. Of note in Nashville, a female Calliope Hummingbird returned to the same feeder for a third consecutive winter.

*Swan - Gull*: **Tundra Swan**: 11 Dec (1 im) Cane Cr. Park, Putnam Co (SJS, m.ob.), 3rd Co record. **Ross' Goose**: 15 Jan (1) Maury Co (Thomas Edwards). **Blue-winged Teal**: 23 Feb (3) Shelby Bottoms (PDC). **Redhead**: 21 Feb (10) Radnor L, Davidson Co (MLM). **Common Goldeneye**: 1 Dec (11) Radnor L (MLM). **Northern Goshawk**: 28 Feb (1) Pardue's Pond, Cheatham Co (Jay Desgrosellier). **Merlin**: 20 Dec (1) Cane Cr. Park, Putnam Co (SJS), 1st winter record in Co; 21 Dec/10 Jan (1) Pennington Bend (MLM). **Sandhill Crane**: 2 Dec (140) Pickett Co (HG); 26 Jan (80) Celina, Clay Co (Terry Campbell); 15 Feb (3535) Cookeville, Putnam Co (Robbie Hassler, HG, Wally Brines), new high count in Co; 16 Feb (5560) Pickett Co (Robbie Hassler, HG). Note: TWRA personnel suggest that the cranes at Hiwassee Refuge, near Chattanooga, are now so numerous that they are short of food by February; this may explain the increased migration taking place in Jan & early Feb recently (fide SJS). **Glaucous Gull**: 24 Jan - 13 Feb (1) Pennington Bend (MLM). **Great Black-backed Gull**: 9 Feb (1, 1st winter) Pennington Bend (MLM).

*Nighthawk - Finch*: **Common Nighthawk**: 20 Dec (2) downtown Nashville (Galen Lenhart). **Calliope Hummingbird**: see intro. **Rufous Hummingbird**: 8 Dec (1, im, f, banded) Franklin, Williamson Co; 12 Dec (1, im, m, banded) Mt. Juliet, Wilson

Co; 14 Dec (1, im, f, recaptured) Mt. Juliet, originally banded 31 Aug in Hermitage, Wilson Co (all by CAS). **Purple Martin:** 23 Feb (3) Sumner Co (Jim Hiatt), ers **Sedge Wren:** 9 Jan (1) Shelby Bottoms (PDC). **Palm Warbler:** 9 Dec (1) Shelby Bottoms (PDC). **Indigo Bunting:** 19 Jan (1) Shelby Bottoms (MLM). **Purple Finch:** 14 Jan (1) Davidson Co (Dee Thompson).

*Locations:* Pennington Bend - in Davidson Co; Shelby Bottoms - in Davidson Co.  
PHILLIP D. CASTEEL, 2722 Bobby Avenue, Nashville, TN 37216.

CUMBERLAND PLATEAU/RIDGE AND VALLEY REGION — A dry December continued the trend for 1999, but the new year commenced with adequate rainfall in both January and February. Temperatures were generally mild, especially over the first half of the season. The mild conditions allowed several species to linger into or through the winter, including Great Egret, Osprey, Forster's Tern, Common Nighthawk, and five species of warblers. The wintering flock of Sandhill Cranes at Hiwassee has grown to exceed ten thousand individuals. A Chattanooga area yard hosted three species of hummingbirds. Small numbers of boreal finches appeared, mainly in the southern Cumberlands. Among these was a rare White-winged Crossbill. A few early migrants had arrived by late February.

*Loon - Ducks:* **Common Loon:** 12 Dec (28) Douglas L (RLK, KDE). **Horned Grebe:** 12 Dec (76) Douglas L (RLK, KDE). **American White Pelican:** 18 Dec (1) Chattanooga CBC (Janice Chadwell, Bonnie Johnson, Hayden Wilson). **Double-crested Cormorant:** 27 Feb (15) Kingsport (RLK). **Great Egret:** 12 Dec into Jan (6) Hiwassee Refuge (LAW et al.); 2 Jan (1) Ft. Loudoun L, Blount Co (KDE), on Knoxville CBC. **Black-crowned Night-Heron:** 12 Dec (10) Cherokee Dam (KDE, RLK); 5 Jan (4) Ft. Patrick Henry Dam, Sullivan Co (HPL, AW); 27 Feb (8+) Kingsport (RLK). **Snow Goose:** 17 Dec (1) Brainerd Levee (David Patterson); 27 Dec (1 white, 2 blue) Greeneville (DHM, ACL); 10 Jan (7) Candies Cr. WMA (KAC, LAW et al.). **Ross' Goose:** 6 Feb (1) Blythe Ferry WMA, Meigs Co (RS et al.). **Gadwall:** 27 Feb (167) Kingsport (RLK), max. **American Black Duck X Mallard:** 7 Dec (1 m) Greene Co (DHM, RLK). **Blue-winged Teal:** 15 Feb (1) Jefferson Co (KDE), ers; 23 Feb (1) Greene Co (DHM). **Canvasback:** 20-24 Feb (2) Greene Co (DHM, ACL). **Redhead:** 15 Jan (2) Greene Co (DHM). **Greater Scaup:** 11/23 Dec (2-4) Cherokee Dam (KDE); 27 Feb (7) Kingsport (RLK). **Surf Scoter:** 12 Dec (2) Hiwassee Refuge (RDH, Dollyann Myers). **Black Scoter:** 12 Dec (2) Hiwassee Refuge (RDH, Dollyann Myers). **Common Merganser:** 5 Feb (1 m) Hiwassee Refuge (RS et al.).

*Osprey - Tern:* **Osprey:** thru 31 Dec (1) Cherokee Dam (KDE et al.), several recent winter occurrences here. **Red-tailed Hawk:** 4 Jan/26 Feb (1 dark morph) Greene Co (DHM). **Rough-legged Hawk:** 12 Dec/10 Jan (1/2, light & dark morphs) Bledsoe Co (RS/KAC, LAW et al.); 5 Feb (1) Bowmantown, Washington Co (AJT, AW). **Merlin:** 1 Jan (2) Hiwassee CBC; 7 Jan (1) Sequatchie Co (Bonnie Johnson); 19 Feb (1) Douglas Dam, Sevier Co (KTOS). **Peregrine Falcon:** 27/31 Dec (1) Greene Co (DHM); thru mid Jan (1) Knoxville (KTOS); all season (2) around Chickamauga Dam nest site (Harold Sharp et al.). **Sandhill Crane:** 12 Jan (10,891) Hiwassee Refuge (Wally Akins, TWRA aerial survey), all-time high count. **Lesser Yellowlegs:** 25 Feb (1) Brainerd Levee (RJH), ers. **Least Sandpiper:** 10 Jan (31) Candies Cr. WMA (KAC,

LAW et al.), max there. **Dunlin**: 10 Jan (1) Candies Cr. WMA (KAC, LAW et al.), only report there. **American Woodcock**: 23/25 Feb (2) Greene Co (DHM, ACL). **Bonaparte's Gull**: 12 Dec (750+) Douglas L (RLK, KDE), max. **Forster's Tern**: 27 Dec (1) Nickajack L., Marion Co (RJH).

**Dove - Hummingbird: Eurasian Collared-Dove**: 2 Jan (1) Knoxville (fide J.B. Owen); 21 Jan (3+) Clinton, Anderson Co (RDH); 30 Jan (61) Chattanooga (Danny Gaddy et al.), max there; 5 Feb (5) Pikeville, Bledsoe Co (David Vogt). **Barn Owl**: 10/23 Jan (1-2) two Johnson City sites (Danny Huffine/ AJT, AW). **Common Nighthawk**: 8/15 Dec (9/3) U.T. campus, Knoxville (Chris Welsh). **Ruby-throated Hummingbird**: thru Dec (1 im, m, banded 12 Dec) Hamilton Co (Gil Brewster, CAS, PM). **BLACK-CHINNED HUMMINGBIRD**: thru season (1 im, m, banded 4 Dec) Hamilton Co (Gil Brewster, CAS, PM). **Rufous Hummingbird**: thru period (1) Farragut, Knox Co (fide J.B. Owen), returning bird; thru period (1 im, m, banded 4 Dec) Signal Mtn., Hamilton Co (Jonnie Sue Lyons, CAS, PM); 12 Dec (1 ad, f, banded) Hamilton Co (Gil Brewster, CAS, PM), not seen afterwards; from Nov thru at least 8 Feb (1 im, f, banded) Blountville, Sullivan Co (fide JWC).

**Shrike - Grosbeak: Loggerhead Shrike**: 8+ in Greene Co (DHM, ACL); 2-3 in Jefferson Co (KDE). **Blue-headed Vireo**: 31 Dec (2) Nickajack CBC. **Tree Swallow**: 25/28 Feb (2/3) separate Greene Co sites (DHM, ACL), ers. **Red-breasted Nuthatch**: "present in good numbers throughout period" (KAC). **Sedge Wren**: 1 Jan (2) Hiwassee CBC (KAC). **Marsh Wren**: 18 Dec (1) Brainerd Levee (KAC); 1 Jan (1) Hiwassee CBC (KAC). **Blue-gray Gnatcatcher**: 29 Feb (1) Kingsport (AW), record early in NE Tenn. by nearly a month & apparently record early in state, also. **American Pipit**: 6 Jan (100) Greene Co (DHM), max. **Orange-crowned Warbler**: 18 Dec (2) Chattanooga CBC; 31 Dec (1) Nickajack CBC; 31 Jan (1) Amnicola Marsh, Hamilton Co (Clyde Blum). **Cape May Warbler**: 2 Jan (1) Blount Co, on Knoxville CBC (KDE), 2nd Knox area winter record. **Pine Warbler**: 2 Jan (6) Knoxville CBC; 29 Feb (2) Greene Co (DHM). **Palm Warbler**: 12 Dec (1) Douglas L (KDE, RLK); 11-27 Dec (1-3) three separate Greene Co sites (DHM, RLK); 18 Dec (5) Chattanooga CBC; 31 Dec (1) Nickajack CBC; 1 Jan (1) Hiwassee CBC; 2 Jan (6) Knoxville CBC; 11 Feb (2) Cherokee Dam (KDE); 31 Jan (5) Rhea Co (Paul Hartigan); 29 Feb (1) Cove Lake SP, Campbell Co (Nell Moore). **Common Yellowthroat**: 18 Dec (1) Norris CBC. **Vesper Sparrow**: 1 Jan (21) Hiwassee CBC; 7 Jan (1) Hamilton Co (KAC). **Nelson's Sharp-tailed Sparrow**: 5 Dec (1) Phipps Bend, Hawkins Co (RLK), late. **"Gambel's" White-crowned Sparrow**: 9 Jan (1) Greene Co (DHM). **Brewer's Blackbird**: 14 Jan (1) Amnicola Marsh, Hamilton Co (Clyde Blum); 10/19 Feb (3/1) Brainerd Levee (KAC/RJH). **Purple Finch**: numerous widespread reports of small numbers. **WHITE-WINGED CROSSBILL**: 27 Jan/20 Feb (1 im, m) Signal Mtn., Hamilton Co (Maurice Edwards), 3rd Co record. **Pine Siskin**: numerous reports, mainly near Cumberland escarpment. **Evening Grosbeak**: 22 Dec (2) Bledsoe Co (RS); 3 Feb (18) Sequatchie Co (Roger Nelson); only reports.

*Locations*: Brainerd Levee - in Hamilton Co; Candies Cr. WMA - in Bradley Co; Cherokee Dam - on Jefferson/Grainger Co line; Douglas L - mainly in Jefferson Co; Hiwassee Refuge - in Meigs Co.

RICHARD L. KNIGHT, 804 North Hills Drive, Johnson City, TN 37604.

**EASTERN MOUNTAIN REGION** — It was another mild winter with no extreme cold and below average snowfall. A new Christmas count at Cade's Cove in the Smokies produced some good records. Waterfowl were about normal. The highlight of the season was two separate Harlequin Ducks: the first lingered in the tailwaters of South Holston Dam for nearly a month, to the delight of many birders, while the second was seen just once on Chilhowee Lake. A small flock of Black-capped Chickadees wintered at a feeder in Sullivan County. A Common Redpoll and two White-winged Crossbills were the cream of a modest finch flight.

*Grebe - Merganser:* **Horned Grebe:** 18 Dec (28) Watauga L., Elizabethton CBC. **Eared Grebe:** 26 Dec/3 Jan/23 Feb (1-6) S. Holston L. (Ron Carrico, Rob Biller, RLK). **Double-crested Cormorant:** 26 Dec (1) S. Holston L, Bristol CBC. **Snow Goose:** 26 Dec (1 blue) S. Holston L, Bristol CBC. **Canada Goose:** 26 Dec (640) Bristol CBC, max. **Wood Duck:** 24 Feb (12) Shady Valley (JLS, JWC), ers. **Northern Pintail:** 24-26 Feb (1 m) Shady Valley (JLS, JWC et al.). **American Wigeon:** 26 Dec (102) Bristol CBC, max. **Canvasback:** 18 Feb - 5 Mar (1) Erwin (BKS). **Greater Scaup:** 26 Feb (11) S. Holston L (JWC). **HARLEQUIN DUCK:** 1-24 Jan (1 im, m) S. Holston R. weir, Sullivan Co (Audrey Hoff, James Brooks, m.ob., photos); 11 Feb (1 f) Chilhowee L, Blount Co (David Vogt); third & fourth state records. **Bufflehead:** 26 Dec (215) Bristol CBC, max. **Common Goldeneye:** 26 Feb (1) Middlebrook L., Sullivan Co (JWC). **Hooded Merganser:** 26 Dec (259) Bristol CBC, max.

*Eagle - Owl:* **Bald Eagle:** 18 Dec (1 ad) Wilbur L, Elizabethton CBC; 6 Feb (1 ad) S Holston L (RDH). **Northern Harrier:** 12 Dec - 15 Feb (1) Shady Valley (JLS et al.). **Red-shouldered Hawk:** 6-26 Feb (1-2) Shady Valley (JLS, HPL, RLK). **Rough-legged Hawk:** 8-26 Feb (1 light morph) Shady Valley (JLS, JWC, HPL, RLK). **Peregrine Falcon:** 9 Jan (1) Watauga L, Carter Co (HPL, BKS). **Virginia Rail:** 24 -29 Feb (1) Orchard Bog, Shady Valley (JLS, HPL). **Bonaparte's Gull:** 18 Dec (15) Elizabethton CBC, max. **Ring-billed Gull:** 2 Jan (5) Shady Valley (JLS), first record there. **Herring Gull:** 26 Dec (4) Bristol CBC, max. **Barn Owl:** 2 Jan/3 Feb (1) Shady Valley (JLS). **Long-eared Owl:** 22 Jan - 6 Feb (1-2) Shady Valley (JLS, LAS). **Northern Saw-whet Owl:** 26 Dec (1 calling) Jacob's Cr., Sullivan Co (Rob Biller, Ron Carrico, JLS), first for Bristol CBC; 11 Feb (1) Roan Mtn (HPL).

*Vireo - Warbler:* **Blue-headed Vireo:** 12 Dec (1) Cades Cove (AJT, Reid Gerhardt); 18 Dec (2) Elizabethton CBC (RLK); 31 Dec (2) Cades Cove CBC. **Tree Swallow:** 29 Feb (5) Tellico Dam, Monroe Co (Wes James), ers. **Black-capped Chickadee:** thru period (max 4, 2 banded) Holston Valley, Sullivan Co (Richard Lewis). **Red-breasted Nuthatch:** 31 Dec (43) Cades Cove CBC, max. **Hermit Thrush:** 31 Dec (19) Cades Cove CBC, max. **American Pipit:** 12 Dec/2 Jan (4/1) Shady Valley (JLS). **Pine Warbler:** 20 Jan (1) Wilbur L (Fred Alsop), ers. **Palm Warbler:** 18 Dec (1) Elizabethton CBC. **Common Yellowthroat:** 9 Jan (1) Wilbur L (HPL, BKS).

*Sparrow - Grosbeak:* **Vesper Sparrow:** 2 Jan (1) Shady Valley (JLS). **Fox Sparrow:** 26 Dec (12) Bristol CBC, max. **Swamp Sparrow:** 31 Dec (52) Cades Cove CBC, max. **White-crowned Sparrow:** 26 Dec (162) Bristol CBC, max. **Red-winged Blackbird:** 26 Feb (250) Shady Valley (JLS). **Purple Finch:** 26 Dec (24) Holston Valley, Sullivan Co (Richard Lewis); 31 Dec (56) Cades Cove CBC. max. **Red Crossbill:** 18 Dec (1) Elizabethton CBC. **WHITE-WINGED CROSSBILL:** 15 Jan (2) Roan Mtn (AJT, AW). **COMMON REDPOLL:** 25 Jan - 25 Feb (1 m, at feeder) Shady Valley (JLS, LAS,

m.ob.), sixth NE Tenn. record. **Pine Siskin:** 31 Dec (278) Cades Cove CBC; 15 Jan (100) Roan Mtn (AJT, AW); 19 Feb (10) Shady Valley (JLS, LAS). **Evening Grosbeak:** 15 Jan (100) Roan Mtn (AJT, AW), max.

*Locations:* Cades Cove - in Great Smoky Mountains National Park; Roan Mtn - in Carter Co; Shady Valley - in Johnson Co; S. Holston L - in Sullivan Co.; Wilbur L - in Carter Co.

RICHARD P. LEWIS, 407 VI. Ranch Road, Bristol, TN 37620.

#### OBSERVERS

CHB - Carolyn H. Bullock	WRP - William R. Peeples
KAC - Kevin A. Calhoon	VBR - Virginia B. Reynolds
PDC - Phillip D. Casteel	RS - Roi Shannon
JWC - J. Wallace Coffey	JLS - John L. Shumate
KDE - K. Dean Edwards	LAS - Lorie A. Shumate
MAG - Mark A. Green	CAS - Chris A. Sloan
HG - Howard Groce	SJS - Stephen J. Stedman
RJH - R. John Henderson	BKS - Bryan K. Stevens
RDH - Ron D. Hoff	AJT - Allan J. Trently
RLK - Richard L. Knight	MGW - Martha G. Waldron
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DHM - Don H. Miller	TOS - Tennessee Ornithological Society

## 2000 TENNESSEE NORTH AMERICAN MIGRATION COUNT

RON HOFF, State Compiler  
282 Hackworth Ln., Clinton, TN 37716

Twenty-one Tennessee counties participated in the 2000 North American Migration Count. This is down two from last year but still above 1997 and 1998. Carroll, Henry, Fayette, and Rutherford Counties were not covered this year, but Pickett and Wilson Counties were added. The Greene, Hamilton, Montgomery, Putnam, Shelby, and Wilson County counts were conducted in conjunction with 2000 Spring Counts. The data for these counts are provided in full in this report and only summarized in the 2000 Spring Field Days report (Welsh 2000).

One hundred and eighty-three observers logged 618.5 party hours and counted over 60,000 birds enroute to finding 216 species in the state (Table 1). Number of observers, effort in party hours, and number of individual birds and species were all records for the North American Migration Count in Tennessee. New for the count were Bell's Vireo, LaPland Longspur, and Evening Grosbeak. This brings the all time species total for the count to 243. Cedar Waxwings were found in record numbers. Notable misses for the state were Ruffed Grouse, Bewick's Wren, Orange-crowned Warbler (the only warbler missed), Painted Bunting, and Red Cross-bill. Eurasian Collared-Doves are known to be in Memphis, but were missed on the count.

### WEATHER AND OBSERVERS

*Anderson County:* Four observers who normally help census this county were out of town for the count, leaving Anderson County short on statistics this year. Highlights for those who did count were 16 species of warblers, including 7 Golden-winged and 26 Ceruleans from Windrock Mountain area, a traditional spot for both species. Observers: Tony Headrick and Boyd Sharp.

*Blount County:* A partly cloudy, warm day yielded a well-rounded count. Highlights included the state's only American Bittern, Greater Yellowlegs (only found in 3 counties), and a Swainson's Warbler (also only found in 3 counties). Observers: Jean Alexander, Mary Laura French, Kim Henry, David Johnson, Tony Koella, Paul Super, and Ann Tallent.

*Campbell County:* Changing weather marked the count in Campbell County. It started clear, but a thunderstorm with some severe winds blew in around 0900, moving on by 1000. The rest of the day was partly cloudy, hot and humid with some wind. The only Bank Swallow east of Cookeville, 6 species of thrushes, and 175 Cedar Waxwings were some interesting finds. Also of interest were 24 species of warblers, including 36 Ceruleans and 2 Swainson's. Observers: Bob Collier, Nell Moore (compiler), and a birding class led by Chuck Nicholson.

*Cheatham County:* A mild, partly cloudy day allowed the observers a pleasant day to find 114 species. Their lone Green-winged Teal was the only one found outside of Memphis. Six species of shorebirds and a Forster's Tern added diversity. Other finds included all three Goatsuckers, a Loggerhead Shrike, and 30 Dickcissels. Observers: Jerry Drewry, Joe Stone, and Sabin Thompson.

*Davidson County:* Twenty-eight observers found 122 species including several

not found anywhere else in the state. Common Loons (2) spotted here were found in only one other county. Yellow-bellied Sapsucker, Sedge Wren, Marsh Wren, Philadelphia Vireo, and Wilson's Warbler were not reported on count day from any other county in the state. The other statistic that leaps out is the whopping 537 Cedar Waxwings found. Observers: Jane and David Alexander, Moez Ali, Ed Byrne, Drake Calton, Hazel Cassel, Phillip Casteel, Hazel Clayton, Richard Conners, Carrie and David Dortch, Frank Fekel, Tarcila Fox, Sarah Gothard, Mark Hackney, Linda Kelly, Smoot Major, Sue Marden, Diana McLusky, Elizabeth O'Conner, Manomohan Pattanayek, Jim and Nate Peters, Ward Powers, Robert Rich, Jan Shaw (compiler), Chris Sloan, and Dee Thompson.

*Greene County:* Count day was sunny with mild temperatures and some light wind. This was the only county to report Northern Pintail (2), Barn Owl (6), Common Raven (1), Black-capped Chickadee (2), and Lapland Longspur (2). Also of interest were Snowy Egret, 10 species of shorebirds (including 112 Short-billed Dowitchers!), Red-breasted Nuthatches, and 8 species of sparrows. Observers: Ben, Cindi, Mark, Orland, and Phine Britton; Bill and Pat Foland, King Gaut, Juanita and Lenard Heckert, Don Holt, Jim Holt (compiler), Don Miller, Fawn and Velda Moore, Richard and Willie Ruth Nevius, Linda Northrop, Tom Sanders, Helen Spees, and Bob and Karen Zimmerman.

*Hamilton County:* Early fog probably hindered finding a few species, but observers eventually tallied the second highest species total for the state (132). Tough finds included Least Bittern, Bald Eagle, Eurasian Collared-Dove, six species of nightbirds, Olive-sided Flycatcher, 27 species of warblers (including Connecticut), and 5 Bobolinks. The state's only Ruby-crowned Kinglet (1) was found in this county. Also of note were 397 Cliff Swallows. Observers: David Aborn, Nelson Bennett, Kevin Calhoun (compiler), Jill Cline, Anita and Danny Gaddy, William Haley, Dennis Harris, John Henderson, Daniel and Kathy Jacobson, Bonnie and Dawn Johnson, Johnnie Sue Lyons, Britt McPherson, Judy Newsome, Marty Paige, George Parsley, Tom Patton, Debbie and Roi Shannon, Harold Sharp, Carla Wicksel, Cynthia and Jimmy Wilkerson, Hayden Wilson, and Rick Wohlschleager.

*Jefferson County:* Two of the usual observers for this county were out of town, leaving only one observer to count around his yard. Highlights were a Wild Turkey, Yellow-billed Cuckoo, and a Summer Tanager. Observer: Howard Chitwood.

*Knox County:* Typically, Knox County is not covered well, as all the usual observers are out in the surrounding counties. In spite of this a few hard to find birds were turned up. These included a Peregrine Falcon (one of only 2 found in the state), a Connecticut Warbler, and a very late Evening Grosbeak. The weather was foggy early and partly cloudy later on. Observers: Dan and Laurie Mooney and Chris Welsh.

*Lake County:* Clear and sunny weather helped produce 162 species, the state's highest count. Diverse habitat and keen observers picked up 12 species that were not seen elsewhere in the state. These were: Yellow-crowned Night-Heron, Red-head, Lesser Scaup, Hooded Merganser, King Rail, Sora, Black-bellied Plover, Sanderling, Stilt Sandpiper, Alder and Least Flycatchers, and Lark Sparrow. The state's best shorebird habitat turned out 18 species of waders. Other statistics of note were: 5 species of terns, 9 species of flycatchers, 502 Horned Larks, 17 Loggerhead Shrikes,





<i>Species</i>	And	Blount	Camp	Cheat	David	Greene	Hamil	Knox	Jeff	Lake
Sora	-	-	-	-	-	-	-	-	-	4
Common Moorhen	-	-	-	-	-	-	-	-	-	-
American Coot	-	-	4	-	1	-	4	-	-	3
Sandhill Crane	-	-	-	-	-	-	-	-	-	-
Black-bellied Plover	-	-	-	-	-	-	-	-	-	4
Semipalmated Plover	-	-	-	5	1	-	17	-	-	23
Killdeer	-	9	3	30	5	66	49	2	-	63
Black-necked Stilt	-	-	-	-	-	-	-	-	-	2
Greater Yellowlegs	-	2	-	-	-	3	-	-	-	5
Lesser Yellowlegs	-	-	-	3	-	1	-	-	-	21
Solitary Sandpiper	-	2	-	2	2	3	2	-	-	1
Spotted Sandpiper	-	-	1	4	6	3	5	-	-	8
Ruddy Turnstone	-	-	-	-	-	1	-	-	-	2
Sanderling	-	-	-	-	-	-	-	-	-	8
Semipalmated Sandpiper	-	-	-	25	8	2	8	-	-	42
Western Sandpiper	-	-	-	-	-	-	-	-	-	-
Least Sandpiper	-	-	-	14	1	9	22	-	-	154
White-rumped Sandpiper	-	-	-	-	-	-	-	-	-	1
Pectoral Sandpiper	-	-	-	-	-	1	-	-	-	8
Dunlin	-	-	-	-	2	-	-	-	-	7
Stilt Sandpiper	-	-	-	-	-	-	-	-	-	1
Short-billed Dowitcher	-	-	-	22	18	112	3	-	-	31
Dowitcher sp.	-	-	-	-	-	-	-	-	-	-
Common Snipe	-	4	-	-	-	1	-	-	-	1
Wilson's Phalarope	-	-	-	-	-	-	-	-	-	-
Sandpiper <i>sp.</i>	-	-	-	-	-	-	-	-	-	-
Ring-billed Gull	-	-	-	-	6	-	-	1	-	6
Herring Gull	-	-	-	-	-	-	-	-	-	-
Caspian Tern	-	-	-	-	-	-	-	-	-	5
Common Tern	-	-	-	-	-	-	-	-	-	8
Forster's Tern	-	-	-	1	-	-	-	-	-	33
Least Tern	-	-	-	-	-	-	-	-	-	103
Black Tern	-	-	-	-	-	-	-	-	-	52
Rock Dove	-	41	39	1	59	14	121	-	-	26
Eurasian Collared-Dove	-	-	-	-	-	-	3	-	-	4
Mourning Dove	5	107	34	14	32	185	243	8	6	208
Black-billed Cuckoo	-	-	-	-	-	-	-	-	-	3
Yellow-billed Cuckoo	4	1	2	5	22	7	13	5	1	33
Barn Owl	-	-	-	-	-	6	-	-	-	-
Eastern Screech Owl	1	-	-	-	-	-	14	-	-	-
Great Horned Owl	-	-	-	1	1	-	3	-	-	1
Barred Owl	-	-	-	-	-	-	5	-	-	7
Common Nighthawk	-	1	-	4	-	-	1	-	-	4
Chuck-will's-widow	-	-	-	1	-	-	12	-	-	-
Whip-poor-will	-	-	-	2	-	-	33	-	-	-
Chimney Swift	13	70	56	30	57	80	192	14	3	72
Ruby-throated Hummingbird	-	1	2	2	11	3	8	1	-	33
Belted Kingfisher	-	4	4	1	11	6	16	1	-	3
Red-headed Woodpecker	-	-	-	2	6	1	2	-	-	65
Red-bellied Woodpecker	6	7	5	6	33	20	65	4	2	45

Monroe	Montg	Pick	Putnam	Roan	Sevier	Shelby	Sumner	Warren	Wmson	Wils	Totals	#Counts
-	-	-	-	-	-	-	-	-	-	-	4	1
-	-	-	-	1	-	-	8	-	-	-	9	2
9	-	-	1	4	-	2	-	-	-	-	28	8
-	-	-	-	-	-	1	-	-	-	-	1	1
-	-	-	-	-	-	-	-	-	-	-	4	1
-	-	-	1	21	-	1	8	-	-	-	77	8
1	51	1	55	8	11	35	3	3	-	6	401	18
-	-	-	-	-	-	45	-	-	-	-	47	2
-	-	-	-	-	-	-	-	-	-	-	10	3
-	2	-	-	-	-	8	-	-	-	-	35	5
-	-	-	2	-	1	3	-	-	-	-	18	9
-	1	-	6	1	-	2	1	4	-	-	42	12
-	-	-	-	-	-	-	-	-	-	-	3	2
-	-	-	-	-	-	-	-	-	-	-	8	1
-	4	-	-	-	-	5	11	-	-	-	105	8
-	-	-	-	1	-	-	-	-	-	-	1	1
-	-	-	3	33	-	1300	19	1	-	-	1556	10
-	-	-	-	-	-	-	1	-	-	-	2	2
-	-	-	-	-	-	35	-	-	-	-	44	3
-	-	-	-	1	-	5	19	-	-	-	34	5
-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	-	6	26	-	-	-	218	7
-	-	-	-	12	-	-	-	-	-	-	12	1
-	-	-	-	-	-	-	-	-	-	-	6	3
-	-	-	-	-	-	1	-	-	-	-	1	1
14	-	-	-	-	-	-	-	-	-	-	14	1
-	-	-	-	9	-	-	4	-	-	-	26	5
-	-	-	-	2	-	-	-	-	-	-	2	1
-	-	-	-	-	-	-	-	-	-	-	5	1
-	-	-	-	-	-	-	1	-	-	-	9	2
-	-	-	-	-	-	-	4	-	-	-	38	3
-	-	-	-	-	-	-	-	-	-	-	103	1
-	-	-	-	-	-	-	-	-	-	-	52	1
20	69	-	140	2	17	89	6	1	-	11	656	16
-	-	-	-	-	-	-	-	-	-	-	7	2
8	271	35	391	20	24	116	3	9	10	35	1764	21
-	1	-	-	-	-	2	1	-	-	-	7	4
9	17	4	12	4	-	23	-	3	1	-	166	18
-	-	-	-	-	-	-	-	-	-	-	6	1
-	1	-	2	-	-	-	-	-	-	-	18	4
-	1	-	4	-	-	1	-	-	-	-	12	7
-	2	-	4	-	-	1	-	-	-	-	19	5
-	10	-	5	1	-	39	-	1	-	-	66	9
-	2	-	5	4	-	2	-	2	-	-	28	7
-	4	-	4	2	-	-	-	-	-	-	45	5
11	203	11	156	4	55	80	-	3	11	2	1123	20
-	12	4	16	1	-	35	-	1	-	17	147	15
5	16	-	7	-	1	3	-	1	-	3	82	15
-	7	-	7	-	-	32	-	-	-	2	124	9
4	52	5	41	5	1	51	-	4	7	5	368	20

<i>Species</i>	And	Blount	Camp	Cheat	David	Greene	Hamil	Knox	Jeff	Lake
Yellow-bellied Sapsucker	-	-	-	-	1	-	-	-	-	-
Downy Woodpecker	6	6	6	2	20	13	22	4	1	24
Hairy Woodpecker	-	1	1	-	3	1	4	-	-	4
Northern Flicker	1	4	-	3	6	21	22	-	3	19
Pileated Woodpecker	4	5	1	2	12	3	17	2	-	12
Olive-sided Flycatcher	-	-	-	-	-	-	1	-	-	2
Eastern Wood-Pewee	3	9	11	5	42	6	20	-	1	26
Acadian Flycatcher	4	10	2	2	10	-	3	-	-	34
Alder Flycatcher	-	-	-	-	-	-	-	-	-	2
Willow Flycatcher	-	1	1	1	2	-	-	-	-	4
Traill's Flycatcher sp.	-	-	-	-	-	-	-	-	-	15
Least Flycatcher	-	-	-	-	-	-	-	-	-	1
Empidonax sp.	-	-	-	-	-	-	-	-	-	-
Eastern Phoebe	-	14	4	3	13	9	25	-	-	5
Great Crested Flycatcher	-	7	9	1	31	16	44	5	1	27
Eastern Kingbird	-	4	19	12	33	15	62	2	-	78
Horned Lark	-	-	-	-	-	-	-	-	-	502
Purple Martin	-	4	9	30	6	66	93	1	-	170
Tree Swallow	-	5	36	4	6	34	2	-	-	47
N. Rough-winged Swallow	4	32	5	28	25	16	54	3	-	100
Bank Swallow	-	-	1	-	-	-	-	-	-	103
Cliff Swallow	-	33	50	75	2	-	397	-	-	-
Barn Swallow	-	49	51	7	32	157	70	3	-	120
Blue Jay	4	40	12	3	49	63	162	8	4	45
American Crow	3	50	15	8	57	80	255	13	5	53
Fish Crow	-	-	-	-	-	-	-	-	-	18
Common Raven	-	-	-	-	-	1	-	-	-	-
Black-capped Chickadee	-	-	-	-	-	2	-	-	-	-
Carolina Chickadee	3	32	14	4	55	23	138	9	4	85
Eastern Tufted Titmouse	7	21	8	14	50	34	138	6	2	46
Red-breasted Nuthatch	-	-	-	-	-	4	-	-	-	-
White-breasted Nuthatch	1	2	4	6	19	-	30	2	1	14
Brown-headed Nuthatch	-	-	-	-	-	-	-	-	-	-
Brown Creeper	-	-	-	-	-	-	-	-	-	-
Carolina Wren	9	21	12	4	63	41	184	14	4	44
House Wren	-	3	3	-	1	27	2	-	-	-
Winter Wren	-	-	-	-	-	-	-	-	-	-
Sedge Wren	-	-	-	-	2	-	-	-	-	-
Marsh Wren	-	-	-	-	1	-	-	-	-	-
Golden-crowned Kinglet	-	-	-	-	-	-	-	-	-	-
Ruby-crowned Kinglet	-	-	-	-	-	-	1	-	-	-
Blue-gray Gnatcatcher	12	17	8	16	79	4	136	7	-	122
Eastern Bluebird	5	24	33	19	60	91	208	8	6	58
Veery	-	-	1	-	3	2	1	1	-	1
Gray-cheeked Thrush	-	-	1	-	2	1	-	-	-	4
Swainson's Thrush	-	-	1	3	46	-	3	2	-	9
Wood Thrush	10	1	19	4	23	-	40	-	1	5
American Robin	2	76	54	20	139	246	291	8	5	107
Thrush sp.	-	-	-	-	-	-	-	-	-	-
Gray Catbird	-	11	4	2	3	10	9	-	-	2

Monroe	Montg	Pick	Putnam	Roan	Sevier	Shelby	Sumner	Warren	Wmson	Wils	Totals	#Counts
-	-	-	-	-	-	-	-	-	-	-	1	1
3	21	2	24	8	1	17	-	4	3	5	192	20
-	5	-	8	-	-	3	-	-	-	-	30	9
-	23	3	17	4	-	13	-	-	-	4	143	14
3	17	5	27	5	1	13	-	1	1	-	131	18
-	-	-	-	-	-	-	-	-	-	-	3	2
4	69	3	100	1	1	73	-	5	2	7	388	19
3	15	1	58	7	6	76	-	-	-	-	231	14
-	-	-	-	-	-	-	-	-	-	-	2	1
-	-	-	-	2	-	-	-	-	-	-	11	6
-	-	-	-	-	-	-	-	-	-	-	15	1
-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	-	1	-	-	-	11	12	2
2	39	9	75	9	3	4	-	2	-	3	219	16
3	71	5	52	4	2	36	-	3	3	-	320	18
18	69	8	111	9	-	18	-	4	1	-	463	16
-	-	-	1	-	-	5	-	-	-	-	508	3
-	54	45	105	1	-	40	9	-	-	-	633	14
3	2	4	21	5	3	-	3	3	-	-	178	15
13	192	6	43	8	17	13	8	-	-	100	667	18
-	2	-	2	-	-	-	4	-	-	-	112	5
44	173	-	-	54	-	-	-	-	-	-	828	8
23	141	25	191	30	45	65	8	3	-	-	1020	17
9	118	12	222	12	15	44	-	3	13	78	916	20
31	181	15	303	39	50	22	3	4	11	68	1266	21
-	-	-	-	-	-	19	-	-	-	-	37	2
2	-	-	-	-	-	-	-	-	-	-	3	2
-	-	-	-	-	-	-	-	-	-	-	2	1
15	78	10	95	17	7	35	-	3	25	25	677	20
7	127	12	140	24	11	73	-	6	6	18	750	20
-	-	-	-	-	1	-	-	-	-	-	5	2
-	18	8	25	3	-	20	-	-	1	1	155	16
-	-	-	-	3	-	-	-	-	-	-	3	1
-	1	-	-	-	-	-	-	-	-	-	1	1
21	89	15	216	26	5	70	-	6	6	26	876	20
-	13	-	28	3	-	-	1	-	-	-	81	9
1	-	-	-	-	2	-	-	-	-	-	3	2
-	-	-	-	-	-	-	-	-	-	-	2	1
-	-	-	-	-	-	-	-	-	-	-	1	1
-	-	-	-	-	5	-	-	-	-	-	5	1
-	-	-	-	-	-	-	-	-	-	-	1	1
14	32	3	191	15	1	74	-	5	6	-	742	18
7	234	26	292	77	20	32	4	13	17	42	1276	21
10	1	-	1	-	1	2	-	-	-	-	24	11
-	1	-	-	-	-	3	-	-	-	-	12	6
-	5	-	4	3	-	19	-	-	-	-	95	10
1	35	1	113	10	3	36	-	-	2	-	304	16
7	389	22	510	11	32	114	-	1	1	4	2039	20
1	-	-	-	-	-	-	-	-	-	-	1	1
4	12	2	28	2	1	3	-	-	-	2	95	15

<i>Species</i>	And	Blount	Camp	Cheat	David	Greene	Hamil	Knox	Jeff	Lake
Northern Mockingbird	5	33	18	13	46	71	159	2	1	54
Brown Thrasher	-	10	7	5	10	24	76	12	2	12
Cedar Waxwing	2	23	175	30	537	76	277	18	-	45
Loggerhead Shrike	-	-	-	1	1	2	1	-	-	17
European Starling	-	156	100	200	322	907	593	12	4	714
Bell's Vireo	-	-	-	-	-	-	-	-	-	-
White-eyed Vireo	3	3	10	7	22	5	62	5	-	45
Blue-headed Vireo	5	1	2	-	-	1	2	-	-	-
Yellow-throated Vireo	5	-	4	-	2	-	2	-	-	-
Warbling Vireo	-	-	1	9	5	2	-	-	-	94
Philadelphia Vireo	-	-	-	-	4	-	-	-	-	-
Red-eyed Vireo	16	36	25	10	59	13	131	2	1	49
Blue-winged Warbler	-	1	-	-	6	-	-	-	-	-
Golden-winged Warbler	7	-	-	-	-	-	1	-	-	-
Tennessee Warbler	-	-	2	3	10	-	5	-	-	17
Nashville Warbler	-	-	-	-	-	-	-	-	-	1
Northern Parula	2	6	2	4	7	-	5	-	-	26
Yellow Warbler	-	5	4	8	4	3	5	1	-	6
Chestnut-sided Warbler	16	-	10	2	3	4	6	-	-	4
Magnolia Warbler	-	-	-	1	14	-	3	-	-	6
Cape May Warbler	-	-	-	-	-	-	3	-	-	1
Black-throated Blue Warbler	-	1	1	-	-	3	1	-	-	-
Yellow-rumped Warbler	-	-	1	1	1	2	5	-	-	9
Black-throated Green Warbler	5	9	2	-	2	3	10	-	-	1
Blackburnian Warbler	-	-	-	1	-	-	2	-	-	-
Yellow-throated Warbler	1	7	7	3	7	-	4	-	-	7
Pine Warbler	-	2	1	3	-	-	30	1	-	-
Prairie Warbler	-	-	4	3	1	-	67	-	-	-
Palm Warbler	-	-	-	-	-	-	1	-	-	2
Bay-breasted Warbler	-	-	-	1	5	-	3	-	-	-
Blackpoll Warbler	5	-	1	2	17	1	7	3	-	24
Cerulean Warbler	26	-	36	-	2	-	-	-	-	-
Black-and-white Warbler	7	5	12	-	4	4	7	-	-	2
American Redstart	38	-	16	1	17	1	9	-	1	7
Prothonotary Warbler	-	-	3	10	5	5	-	-	-	68
Worm-eating Warbler	4	-	8	4	2	-	5	-	-	-
Swainson's Warbler	-	1	2	-	-	-	-	-	-	-
Ovenbird	5	11	15	1	-	6	4	-	-	6
Northern Waterthrush	-	-	-	-	-	-	-	-	-	2
Louisiana Waterthrush	1	4	1	-	2	-	1	-	-	-
Kentucky Warbler	13	-	13	4	19	-	7	-	-	3
Connecticut Warbler	-	-	-	-	1	-	2	1	-	1
Mourning Warbler	-	-	-	-	-	-	-	-	-	1
Common Yellowthroat	7	15	9	13	43	26	42	4	-	62
Hooded Warbler	15	7	19	4	8	-	19	-	-	-
Wilson's Warbler	-	-	-	-	1	-	-	-	-	-
Canada Warbler	-	-	1	-	14	1	-	-	-	2
Yellow-breasted Chat	10	13	5	7	10	9	86	8	-	47
Summer Tanager	-	-	2	10	20	1	23	-	1	11
Scarlet Tanager	11	3	32	6	26	-	40	-	-	-

Monroe	Montg	Pick	Putnam	Roan	Sevier	Shelby	Sumner	Warren	Wmson	Wils	Totals	#Counts
5	169	11	153	1	21	52	-	4	-	24	842	19
3	41	4	87	3	3	15	-	3	3	6	326	19
-	54	-	223	42	1	171	15	15	31	-	1735	17
-	2	-	1	-	-	2	-	-	-	-	27	8
56	332	12	1644	107	150	163	-	-	10	100	5582	18
-	-	-	-	-	-	1	-	-	-	-	1	1
11	36	1	135	10	-	71	6	2	14	-	448	18
4	3	-	5	-	10	-	-	-	-	-	33	9
3	5	5	50	1	-	12	-	-	-	-	89	10
-	11	-	-	-	-	1	3	-	-	-	126	8
-	-	-	-	-	-	-	-	-	-	-	4	1
39	24	9	591	18	52	45	2	4	2	-	1128	20
-	1	-	30	3	-	-	-	-	1	-	42	6
-	-	-	-	-	-	1	-	-	-	-	9	3
-	3	-	8	-	-	12	-	-	-	-	60	8
-	-	-	1	-	-	4	-	-	-	-	6	3
1	14	1	57	6	4	40	-	-	-	-	175	14
2	5	-	38	7	4	11	-	-	2	-	105	15
14	1	-	2	-	4	5	-	-	-	-	71	12
-	3	-	3	-	-	13	-	-	1	-	44	8
-	2	-	-	-	-	-	-	-	-	-	6	3
17	-	-	1	-	7	-	-	-	-	-	31	7
-	3	-	-	-	-	1	-	-	-	-	23	8
10	-	-	3	-	27	2	-	-	-	-	74	11
5	-	-	-	-	-	-	-	-	-	-	8	3
7	9	2	27	7	3	2	-	-	-	-	93	14
3	8	-	21	3	-	3	-	-	-	-	75	10
9	18	1	117	14	-	-	2	-	-	-	236	10
-	-	-	1	-	-	-	-	-	-	-	4	3
-	3	-	1	-	-	1	-	-	-	-	14	6
-	5	-	18	-	-	-	-	-	-	-	83	10
-	-	-	43	-	1	20	-	-	-	-	128	6
12	2	-	77	-	4	2	-	-	-	-	138	12
-	6	-	52	1	-	50	-	-	1	-	200	13
1	22	-	-	4	-	20	1	-	-	-	139	10
2	-	-	19	-	1	-	-	-	-	-	45	8
-	-	-	-	-	-	5	-	-	-	-	8	3
10	2	6	112	-	26	5	-	-	-	-	209	13
-	-	-	-	-	-	1	-	-	-	-	3	2
-	4	1	16	-	4	8	-	-	-	-	42	10
-	14	2	89	3	-	56	-	-	3	-	226	12
-	-	-	-	-	-	-	-	-	-	-	5	4
-	-	-	-	-	-	-	-	-	-	-	1	1
25	65	9	281	22	7	29	-	3	-	-	662	17
10	-	-	118	6	7	7	-	-	1	-	221	12
-	-	-	-	-	-	-	-	-	-	-	1	1
4	-	-	2	-	3	1	-	-	-	-	28	8
17	24	1	147	25	2	1	2	-	7	1	422	19
-	32	8	80	-	1	58	1	2	3	1	254	16
6	13	-	70	12	7	4	-	-	-	-	230	12

<i>Species</i>	And	Blount	Camp	Cheat	David	Greene	Hamil	Knox	Jeff	Lake
Northern Cardinal	31	71	24	40	146	81	280	20	6	148
Rose-breasted Grosbeak	2	2	2	2	3	-	5	1	-	3
Blue Grosbeak	-	1	-	1	-	11	3	-	-	5
Indigo Bunting	42	64	60	35	233	121	260	6	2	496
Dickcissel	-	-	-	30	-	1	3	-	-	566
Eastern Towhee	5	15	20	7	44	15	143	8	1	7
Chipping Sparrow	2	6	21	4	9	7	40	-	-	1
Field Sparrow	6	10	10	6	94	10	79	4	1	33
Lark Sparrow	-	-	-	-	-	-	-	-	-	2
Savannah Sparrow	-	-	-	3	-	2	4	-	-	2
Grasshopper Sparrow	-	-	-	-	-	7	7	-	-	60
Song Sparrow	3	83	36	8	2	49	93	3	-	4
Lincoln's Sparrow	-	-	-	-	-	-	-	-	-	6
Swamp Sparrow	-	-	-	-	-	1	-	-	-	2
White-throated Sparrow	1	1	-	1	2	1	-	-	-	-
White-crowned Sparrow	-	-	-	-	-	2	-	-	-	1
Dark-eyed Junco	-	-	-	-	-	-	-	-	-	-
Lapland Longspur	-	-	-	-	-	2	-	-	-	-
Bobolink	-	-	-	-	-	-	5	-	-	185
Red-winged Blackbird	1	102	22	50	122	331	116	8	-	2006
Eastern Meadowlark	-	23	5	19	26	114	20	-	-	96
Common Grackle	-	136	25	34	111	192	266	7	12	821
Brown-headed Cowbird	5	13	26	15	60	23	55	5	-	216
Orchard Oriole	-	3	8	6	21	7	12	7	-	128
Baltimore Oriole	-	1	5	-	-	-	-	-	-	254
Purple Finch	-	-	-	-	-	-	-	-	-	-
House Finch	2	50	12	7	10	41	87	2	-	4
American Goldfinch	17	35	56	14	187	65	126	13	3	54
Evening Grosbeak	-	-	-	-	-	-	-	1	-	-
House Sparrow	1	12	2	9	20	45	30	-	-	65
<i>Total individuals</i>	437	1917	1503	1276	3687	4005	7407	357	86	10273
<i>Total species</i>	61	96	103	114	122	108	132	60	30	162
Observers- Parties	2-1	7-3	3-2	3-1	28-5	19-12	27-13	2-2	1-1	12obs
Party hours	7	23.5	13.5	15	37	65.25	106.5	10.2	4	50
Hours by car	4.25	4.5	-	6.5	15.5	43	-	0.25	-	5
Hours by foot	3.25	14.5	5	7	21.5	7	-	9.95	-	45
Hours at feeders	-	4.5	-	-	-	16.25	-	-	4	-
Hours owling	-	-	1	1.5	-	-	9	0.2	-	-
Miles by car	35	124	148	23	112	273	675	1.5	-	207
Miles by foot	2	9	3	6	17.75	5	40	3.5	-	11
Temperature (deg. F)	65-75	-	68-86	67-76	-	72-85	68-86	60-70	69-78	59-78
Count times	0630- -1400	-	0600- -1930	0515- -2015	-	-	0345- -1900	0605- -1130	0700- -1100	0530- -2030

Monroe	Montg	Pick	Putnam	Roan	Sevier	Shelby	Sumner	Warren	Wmson	Wils	Totals	#Counts
19	367	27	406	35	15	111	4	9	50	41	1931	21
4	4	-	3	-	-	4	-	-	-	1	36	13
-	7	2	44	1	2	3	-	6	1	1	88	14
97	167	71	891	24	58	148	6	19	10	2	2812	21
-	89	-	5	-	3	33	-	-	-	-	720	8
7	120	2	140	7	4	17	-	1	8	-	571	19
-	69	18	181	2	9	7	-	3	-	-	379	15
3	75	5	152	2	3	1	3	8	20	6	531	21
-	-	-	-	-	-	-	-	-	-	-	2	1
1	-	-	1	-	-	-	-	2	-	-	15	7
-	-	-	4	8	-	-	-	8	-	-	94	6
7	3	2	293	45	14	-	2	3	-	-	650	17
-	-	-	-	-	-	-	-	-	-	-	6	1
-	1	-	-	-	-	-	-	-	-	-	4	3
-	2	-	3	-	-	2	-	-	-	4	17	9
-	-	-	-	-	-	-	-	-	-	-	3	2
2	-	-	-	-	16	-	-	-	-	-	18	2
-	-	-	-	-	-	-	-	-	-	-	2	1
60	-	-	-	-	-	-	-	-	-	-	250	3
31	237	34	351	127	140	169	10	13	2	2	3874	20
6	152	44	311	63	32	33	2	15	11	8	980	18
22	281	15	262	23	120	125	4	3	2	131	2592	20
-	87	25	219	5	12	77	2	1	7	-	853	18
4	12	3	86	3	7	27	-	5	-	-	339	16
-	5	-	6	-	-	9	-	-	-	-	280	6
-	4	-	1	-	-	-	-	-	-	-	5	2
-	67	2	75	2	12	14	2	-	3	3	395	18
12	129	23	175	17	60	19	5	2	15	20	1047	21
-	-	-	-	-	-	-	-	-	-	-	1	1
5	112	13	112	5	13	63	7	-	-	18	532	17
950	6279	696	12281	1381	1276	4875	684	251	349	1040	61010	
88	122	65	128	98	79	129	59	58	47	55	216	
1-1	14-6	2-1	21obs	1-1	2-1	21obs	2-1	1-1	6obs	5-2	180obs	
9.25	105.8	7	96	10.5	10.25	26.75	4.25	3.25	4	9.5	618.5	
3.25	44.5	5	-	3	8.25	18.25	1.75	-	-	3	-	
6	51.5	2	-	7	2	8.5	2.5	3.25	4	6.5	-	
-	9.75	-	6	-	-	-	-	-	-	4.5	45	
-	-	-	3	-	-	-	-	-	-	-	14.7	
90	688.8	20	605.5	20	130	59.5	36	-	-	21	3269	
2	29.5	2	-	10	2.5	19	2.5	5	2.5	1.5	173.8	
-	64-76	-	62-78	70-85	73-83	55-70	75	65-75	67-76	-	59-86	
0630-	-	-	0400-	0530-	0645-	0630-	-	0645-	-	-	-	
-1545	-	-	-2000	-1600	-1700	-2030	-	-1000	-	-	-	

a Connecticut Warbler, 556 Dickcissels, 9 species of sparrows, 185 Bobolinks, and a staggering 254 Baltimore Orioles. Observers: Paul Bagguley, Julia Eans, Bob Foehring, Mark Greene (compiler), Betty and Ken Leggett, Don Manning, Nancy Moore, David Nailing, Michael Todd, Melinda Welton, and Jeff Wilson.

*Monroe County:* Highlights for Monroe included 9 American Coots, 2 Common Ravens, 4 Canada Warblers, and 60 Bobolinks. Observer: David Trently.

*Montgomery County:* Mild temperatures, after some rain the night before, resulted in a pleasant day for the counters. The state's only Brown Creeper was found here. Also of note were six species of night birds, six species of swallows, 22 Prothonotary Warblers, 89 Dickcissels, and four of the state's five Purple Finches. Observers: Joe D. Allen, Danielle and Paul Evans, Joseph Hall, Jo Amans-Hamill, Debbie and Steven Hamilton, Greg Harris, Annie Heilman, Heather Hollis, Rebecca Houtman, Gloria Milliken (compiler), William D. Milliken, Joe Schiller, David and Logan Snyder, Scott Sutton, Scott Williamson, and Stanley York.

*Pickett County:* This was the first year results were reported for Pickett County. Wind of 10-25 mph buffeted a cloudy day. Six Northern Bobwhites, not an easy species to find in Tennessee these days, were reported. Observers: Dave and Robbie Hassler.

*Putnam County:* The weather was mostly partly cloudy with some wind and a brief morning rain. This count was conducted in conjunction with the traditional Putnam County Spring Count. Observers found a Pied-billed Grebe, one of only two found in the state. Also of note were six species of night birds, the only Horned Lark east of Nashville, 26 species of warblers (including 30 Blue-winged), and a late Purple Finch. Semipalmated Plover was new to the count. The all-time species total for the Putnam County Spring Count now stands at 189 species. Observers: Sharon and Wally Brines, Frank Bulow, Terry M. Campbell, Daniel L. Combs; Dale, Greg, and Melissa Ensor; Merritt Ireland, Graham S. Kash, Kenneth L. Morgan, Michael P. O'Rourke, Tom Roberts, Tom Saya, Jeanne C. Schmitzer, Richard W. Simmers, Jr., Barbara H. Stedman, Stephen J. Stedman (compiler), Catherine and Winston Walden, and Joyce Wright.

*Roane County:* The weather was mostly sunny and calm with a few clouds. American Black Duck, Western Sandpiper, Herring Gull, and Brown-headed Nuthatch were all found in this county but not anywhere else in the state. Other interesting finds included a Common Moorhen and 8 Grasshopper Sparrows. Observer: J. Devereux Joslin, Jr.

*Sevier County:* The weather was partly cloudy with mild temperatures. Winter Wren, Golden-crowned Kinglet, and Dark-eyed Junco were unique to this county for the count. A Red-breasted Nuthatch was also recorded here, one of only two counties to produce one. Observers: Susan Hoyle and Martha Rudolph.

*Shelby County:* The weather was sunny with a few scattered clouds and some gusty winds. Sandhill Crane, Wilson's Phalarope, and a Bell's Vireo were found here and not elsewhere in the state. Other sightings of interest were 29 Mississippi Kites, 45 Black-necked Stilts, 1300 Least Sandpipers, and 19 Fish Crows. Painted Buntings and Eurasian Collared-Doves were not found this year. Observers: Charles Askew, David Baylock, Bob Browne, Carolyn Bullock, John Cato, Monica Cyr, Jane Hatfield, Martha Heinemann, David and Charlotte Hill, Ann Hooper, Margaret

Jefferson, Catherine Miller, George and Jeanne Payne, Rob Peeples, Ed Thomas, Jim and Martha Waldron, Dick Whittington, and Barbara Wilson.

*Sumner County:* Two observers were able to census for only four hours, but managed to turn up eight species of shorebirds, including one of only two White-rumped Sandpipers found on the count. Other interesting reports were: 280 Double-crested Cormorants, Northern Shoveler, Gadwall, and a Black-billed Cuckoo. Observers: Moez Ali and Chris Sloan.

*Warren County:* The weather was partly cloudy with some gusty winds, but the observer managed to find eight Grasshopper Sparrows in only 3.25 hours. Observer: Susan McWhirter.

*Williamson County:* A short outing managed to turn up 31 Cedar Waxwings and a Blue-winged Warbler. Observers: Jean Buchanan, Ed Byrne, Hazel Cassel, Hazel Clayton, Cass Kennedy, and Jan Rinker.

*Wilson County:* Five observers ventured into the field and an additional three observers manned feeders. Wilson County birders located the only Canvasbacks observed. This count also represents the spring count for the John Sellars Chapter. Observers: Earline and Charles Berry, Frank Crawford, Mildred Gaston, Kay Norris, Sarah Thompson, and Roy and Melissa (compiler) Turrentine.

#### REFERENCES

WELSH, C.J.E. 2000. 2000 Spring Field Days. *Migrant* 71(2): 62-72.

## 2000 SPRING FIELD DAYS

CHRISTOPHER J.E. WELSH

While the Tennessee Ornithological Society's Spring Field Days enjoy a long history, dating back at least to 1931, many counts are now conducted in conjunction with the North American Migration Count in early May. The North American Migration Count data for Tennessee counties are published separately (Hoff 1998, 2000; Hoff and Joslin 1997, 1999). To avoid publishing the same data in both the Tennessee North American Migration Count report and the Spring Field Days report, Spring Field Days will present only the data from spring counts conducted independently of the North American Migration Count. Data from traditional spring counts now conducted in conjunction with the North American Migration Count will be summarized in the Spring Field Days report but presented in full only in the North American Migration Count report.

Spring counts were conducted in 11 locations across the state with dates ranging from 28 April to 13 May. The Greeneville (Greene Co.), Hamilton Co., Montgomery Co., Putnam Co., Shelby Co., and Wilson Co. spring counts were conducted in conjunction with the North American Migration Counts on 13 May. Results from these counts are summarized here and provided in full in Hoff (2000). Data from the Columbia, Nashville, Murfreesboro, Knox Co., and Elizabethton counts are provided in Table 1. Birders on the 11 counts identified 212 species and nearly 65,000 individuals on count days (Table 2).

Thirty-seven species were found on only one count while 23 and 8 species were found on just two or three counts, respectively. Thirty-five species were found on all 11 counts with 27 found on 10 counts and 16 found on 9 counts. The Columbia count recorded the highest species total with 151; Nashville reported 145 species. The Nashville, Hamilton Co., and Knox Co. counts had the most participants with 34, 27, and 23. Level of effort varied considerably among counts with Hamilton Co. and Montgomery Co. accounting for the most party hours and party miles (Table 2).

Species of note included Least Bittern, Canvasback, Sandhill Crane, Black-necked Stilt, Willet, Wilson's Phalarope, Common and Forster's Tern, Eurasian Collared-Dove, Olive-sided and Least Flycatcher, Bewick's and Sedge Wren, Hermit Thrush, Philadelphia Vireo; 36 warbler species including Golden-winged, Orange-crowned, Black-throated Blue, Swainson's, Connecticut, Mourning, Wilson's, and Canada; Lark Sparrow, and Lapland Longspur. American Kestrel was the only falcon reported on a spring count this year. Brown-headed Nuthatches were not reported.

COLUMBIA. 28-29 April 2000. Temp: 40-70 F; clear skies. Thirteen observers participated in the Columbia count, locating 151 species (plus one count week) and 8935 individuals. Unlike other Tennessee spring counts, this is a two-day count. Highlights: high count of American Bitterns, Little Blue Heron, Lesser Scaup, Sora, Forster's Tern, Yellow-bellied Sapsucker, Horned Lark, Red-breasted Nuthatch, Bewick's Wren, count week Golden-winged Warbler, Orange-crowned Warbler, Lincoln's Sparrow, and Purple Finch. Participants: Jan Brown, Tom Edwards, William Fuqua, Phyllis Herrmann, William Jernigan, Bill and Kay Jones, Allyn Lay,

Mary Lyles, Cleo and George R. Mayfield (compiler: 999 Sunnyside Dr., Columbia, TN 38401), and Harold and Nancy Scott.

ELIZABETHTON. 29 April 2000. 137 species; 6591 individuals. Highlights included Yellow-crowned Night-Heron, Bufflehead, Ring-necked Duck, Hooded Merganser, Lesser Scaup, Northern Harrier, Least Flycatcher, six swallow species, Philadelphia Vireo, and Cerulean Warbler.

GREENEVILLE (GREENE CO.). 13 May 2000. Temp. 72-85 F; sunny with light wind. Count was conducted in conjunction with the North American Migration Count. Nineteen observers in twelve parties put in 50 party hours (7 on foot, 43 by car) and covered 278 party miles (5 on foot, 273 by car). In addition, feeders were monitored for 16.25 hours. 108 species; 4005 individuals. Highlights included Northern Pintail, Barn Owl, Common Raven, Black-capped Chickadee, and Lapland Longspur. Other interesting sightings include Snowy Egret, 10 species of shorebirds (including 112 Short-billed Dowitchers), Red-breasted Nuthatches, and 8 species of sparrows. Observers: Ben, Cindi, Mark, Orland, and Phine Britton; Bill and Pat Foland, King Gaut, Juanita and Lenard Heckert, Don Holt, Jim Holt (compiler: 311 Colonial Circle, Greeneville, TN 37745), Don Miller, Fawn Moore, Velda Moore, Richard and Willie Ruth Nevius, Linda Northrop, Tom Sanders, Helen Spees, and Bob and Karen Zimmerman.

HAMILTON CO. 13 May 2000. 0345-1900. Temp. 68-86; early fog but clear later. Count was conducted in conjunction with the North American Migration Count. Twenty-seven observers in 13 parties birded 106.5 party hours and covered 675 miles by car and 40 miles by foot. Nine hours were spent owling. 132 species; 7407 individuals. Species count was down considerably from the 150's found in recent years. Highlights included Least Bittern, Bald Eagle, Eurasian Collared-Dove, 6 species of nightbirds, Olive-sided Flycatcher, 27 species of warblers (including Connecticut), and 5 Bobolinks. Also of note were 397 Cliff Swallows. Observers: David Aborn, Nelson Bennett, Kevin Calhoun (compiler: 1185 Mountain Creek Rd, Apt. 715, Chattanooga, TN 37405), Jill Cline, Anita and Danny Gaddy, William Haley, Dennis Harris, John Henderson, Daniel and Kathy Jacobson, Bonnie Johnson, Dawn Johnson, Johnnie Sue Lyons, Britt McPherson, Judy Newsome, Marty Paige, George Parsley, Tom Patton, Debbie and Roi Shannon, Harold Sharp, Carla Wicksel, Cynthia and Jimmy Wilkerson, Hayden Wilson, and Rick Wohlschleager.

KNOX CO. 30 April 2000. Temp. 43-76 F; fog early, otherwise clear and sunny; wind calm with light gusts. Twenty-three observers in 13 parties logged 342.5 party miles (306.5 by car, 36 on foot) and 2 hours watching feeders. 127 species (plus 8 count week); 5633 individuals. Count week birds included Greater Yellowlegs, Common Nighthawk; Golden-winged, Black-throated Blue, Yellow-throated, Bay-breasted, and Canada Warblers; and Northern Waterthrush. Highlights included Yellow-crowned Night-Heron, all seven thrushes on count day, 33 species of warblers during count week, and a Lincoln's Sparrow. Cedar Waxwings were second only to starlings in number of individuals counted. Participants: Jean Alexander, Frank Bills, Jim and Betty Reid Campbell, Howard Chitwood, Dean Edwards (compiler: 521 E Old A.J. Hwy, Jefferson City, TN 37760), Reid Gerhardt, Tony Headrick, Susan Hoyle, David Johnson, Kristine Johnson; Ben, Dan, and Laurie Mooney;

Charles Nicholson, Holly Overton, Truett Patterson, Martha Rudolph, Boyd Sharp, Christine Tankersley, David Trently, June Welch, and Chris Welsh. Nell Moore added some count week birds.

MONTGOMERY CO. (CLARKSVILLE). 13 May 2000. Temp. 64-76 F; clear, some wind. Count was conducted in conjunction with the North American Migration Count. Fourteen observers in 6 parties put in 718 party miles and 96 party hours in the field. An additional 9.75 hours were spent at feeders. 122 species; 6279 individuals. The species count of 122 was down from the 132 and 135 reported for 1999 and 1998 respectively. Highlights included Black-billed Cuckoo (one of only four reported), three owl species, three nightjars, six swallow species, Brown Creeper (only report), Gray-cheeked Thrush, Loggerhead Shrike, 89 Dickcissels, and Purple Finch. Participants: Joe Allen, Danielle and Paul Evans, Joseph Hall, Jo Amans-Hamill, Debbie and Steven Hamilton, Greg Harris, Annie Heilman, Heather Hollis, Rebecca Houtman, Gloria (compiler: 861 Vaughn Rd, Clarksville, TN 37043) and William Milliken, Joe Schiller, David and Logan Snyder, Scott Sutton, Scott Williamson, and Stanley York.

MURFREESBORO. 6-7 May 2000. Temp. 60-64 F; sunny and windy. Eleven birders participated in the spring count locating 1803 individuals of 80 species. Species number was down considerably from 1998 and 1999. Highlights included American Wigeon, Northern Bobwhite; Solitary, Western, White-rumped, and Spotted Sandpipers; Bank Swallow, Bewick's Wren, and Lark Sparrow. Participants: Bertha Chrietzberg, Bill and Lou Grevin, Dr. and Mrs. Robert Hornsby, Wilma (compiler: 3659 Wilson Overall Rd., Murfreesboro, TN 37127) and Richard Hunter, Larry and Maryedith McFarlin, Ruth and Gene Odom, Robert and Pat Sanders, and Ferrell and Jean Wilson.

NASHVILLE. 13 May 2000. 0515-2015. Temp. 65-76 F; cloudy to partly cloudy with slight wind. Thirty-four observers in 9 parties birded 186 miles and 25 hours by car and 29 miles and 35 hours on foot. In addition, 15 miles and 1.5 hours were spent owling. 145 species: 5989 individuals. Highlights included Great, Snowy, and Cattle Egrets; Northern Shoveler; 10 species of shorebirds, including White-rumped Sandpiper and 66 Short-billed Dowitchers; Common and Forster's Terns; Black-billed Cuckoo, Willow Flycatcher, Sedge and Marsh Wrens, Gray-cheeked Thrush, Philadelphia Vireo, and Connecticut and Wilson's Warblers. Participants: David and Jan Alexander, Moez Ali, Jean Buchanan, Ed Byrne, Drake Caldwell, Hazel Cassel, Phillip Casteel, Hazel Clayton, Richard Connors, David and Carrie Dortch, Jerry Drewry, Frank Fekel, Tarcila Fox, Sarah Gothard, Mark Hackney, Linda Kelly, Cass Kennedy, Smoot Major, Sue Marden, Diana McLusky, Elizabeth O'Connor, Manomohan Pattanayek, Jim and Nate Peters, Ward Powers, Robert Rich, Jan Rinker, Jan Shaw (compiler: 5019 Timberhill Dr., Nashville, TN 37211), Chris Sloan, Joe Stone, and Dee and Sabin Thompson.

PUTNAM CO. 13 May 2000. Temp. 62-78 F; wind 0-10 mph; mostly cloudy skies with brief rain in the morning. Count was conducted in conjunction with the North American Migration Count. Sixteen observers spent 87 party hours covering 605.5 miles tallying Putnam Co. birds. In addition, 3 hours and 50.5 miles were devoted to owling, and five watchers covered feeders for 6 hours. 128 species; 12281 indi-

viduals. Highlight: Semipalmated Plover was a first, bringing the all-time species count for the Putnam Co. Spring Count to 189. Forty-five species were observed in record high numbers for the spring count, and 29 of these were also record highs for the county. Participants: Sharon and Wally Brines, Frank Bulow, Terry Campbell, Daniel Combs; Ginger, Dale, and Melissa Ensor; Merritt Ireland, Graham Kash, Kenneth Morgan, Michael O'Rourke, Tom Roberts, Tom Saya, Jeanne Schmitzer, Richard Simmers Jr., Stephen (compiler: 2675 Lakeland Dr., Cookeville, TN 38506) and Barbara Stedman, Catherine and Winston Walden, and Joyce Wright.

SHELBY CO. 13 May 2000. 0630-2030. Temp. 55-70 F; wind 5-35 mph; sunny with scattered clouds. Twenty-one birded 8.5 hours and 19 miles by foot and 18.25 hours and 59.5 miles by car. 129 species: 4916 individuals. Details were submitted for a possible Bell's Vireo. Highlights included Mississippi Kite, Bald Eagle, Sandhill Crane, 9 species of shorebirds including Wilson's Phalarope, Black-billed Cuckoo, Gray-cheeked Thrush, and Golden-winged and Swainson's Warblers. Participants: Charles Askew, David Blaylock, Robert Browne, Carolyn Bullock, John Cato, Monica Cyr, Jane Hatfield, Martha Heinemann, David and Charlotte Hill, Ann Hooper, Margaret Jefferson, Catherine Miller, George and Jeanne Payne, Rob Peeples, Ed Thomas, Martha (compiler: 1626 Yorkshire Dr., Memphis, TN 38119) and Jim Waldron, Dick Whittington, and Barbara Wilson.

WILSON COUNTY (John Sellars Chapter): Five observers put in 9.5 party hours and covered 22.5 party miles in the field and an additional three observers participated as feederwatchers. 55 species: 1040 individuals. Highlights were two Canvasbacks and eleven *Empidonax* flycatchers. This count was conducted in conjunction with the NAMC for the John Sellars Chapter. Observers: Earline and Charles Berry, Frank Crawford, Mildred Gaston, Kay Norris, Sarah Thompson, and Roy and Melissa (compiler) Turrentine.

#### REFERENCES

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- HOFF, R.D. 2000. 2000 Tennessee North American Migration Count. *Migrant* 71(2): 48-61.
- HOFF, R.D. and J.D. JOSLIN. 1997. 1997 Results of the North American Migration Count in Tennessee. *Migrant* 68(3): 97-104.
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Table 1. Results of the 2000 TOS Spring Counts <sup>1</sup>

<i>Species</i>	Columbia	Nashville	Murfreesboro	Knox Co.	Elizabethton
Common Loon	-	5	-	-	6
Pied-billed Grebe	22	1	-	-	1
Double-crested Cormorant	14	280	-	8	1
American Bittern	4	-	-	-	-
Great Blue Heron	41	59	3	69	5
Great Egret	2	8	-	-	-
Snowy Egret	-	1	-	-	-
Little Blue Heron	1	-	-	-	-
Cattle Egret	-	27	-	-	-
Green Heron	18	25	5	4	6
Black-crowned Night-Heron	4	54	-	21	-
Yellow-crowned Night-Heron	-	-	-	1	1
Canada Goose	161	72	55	86	152
Wood Duck	68	11	4	29	31
Green-winged Teal	-	1	-	-	-
Mallard	104	33	6	31	125
Blue-winged Teal	46	5	5	10	23
Northern Shoveler	-	11	-	-	-
Gadwall	4	1	-	-	-
American Wigeon	-	-	2	-	-
Ring-necked Duck	3	-	-	-	3
Lesser Scaup	1	-	-	-	1
Bufflehead	-	-	-	-	2
Hooded Merganser	6	-	-	-	1
Black Vulture	63	29	54	4	20
Turkey Vulture	115	86	19	37	61
Osprey	3	-	-	6	6
Northern Harrier	-	-	-	-	1
Sharp-shinned Hawk	1	1	1	3	4
Cooper's Hawk	3	1	-	3	-
Red-shouldered Hawk	3	8	-	3	-
Broad-winged Hawk	-	1	-	5	7
Red-tailed Hawk	20	20	4	22	8
American Kestrel	33	10	8	1	3
Ruffed Grouse	-	-	-	-	4
Wild Turkey	20	2	8	-	5
Northern Bobwhite	19	28	6	7	7
Sora	5	-	-	-	-
American Coot	133	9	2	3	-
Semipalmated Plover	-	14	-	-	-
Killdeer	52	38	39	37	34
Greater Yellowlegs	2	-	-	cw	2
Lesser Yellowlegs	23	3	-	5	2
Solitary Sandpiper	13	4	4	8	32
Spotted Sandpiper	15	11	10	5	7

<i>Species</i>	<i>Columbia</i>	<i>Nashville</i>	<i>Murfreesboro</i>	<i>Knox Co.</i>	<i>Elizabethton</i>
Semipalmated Sandpiper	3	44	-	-	-
Western Sandpiper	-	-	2	1	-
Least Sandpiper	-	34	12	-	-
White-rumped Sandpiper	-	1	1	-	-
Pectoral Sandpiper	1	-	-	-	1
Dunlin	-	21	-	-	-
Short-billed Dowitcher	-	66	-	-	-
Common Snipe	8	-	-	11	7
Bonaparte's Gull	-	-	-	-	8
Ring-billed Gull	1	10	-	-	37
Common Tern	-	1	-	-	-
Forster's Tern	1	5	-	-	-
Rock Dove	88	66	100	127	37
Mourning Dove	192	59	79	175	183
Black-billed Cuckoo	-	1	-	-	-
Yellow-billed Cuckoo	2	28	3	2	-
Eastern Screech Owl	7	-	-	-	2
Great Horned Owl	8	2	1	-	4
Barred Owl	2	-	-	1	5
Common Nighthawk	-	4	-	cv	-
Chuck-will's-widow	11	1	-	-	-
Whip-poor-will	2	2	2	-	39
Chimney Swift	102	98	8	92	78
Ruby-throated Hummingbird	17	13	15	6	18
Belted Kingfisher	12	12	5	9	6
Red-headed Woodpecker	21	8	4	-	3
Red-bellied Woodpecker	82	46	11	47	25
Yellow-bellied Sapsucker	1	1	2	-	-
Downy Woodpecker	60	25	9	22	30
Hairy Woodpecker	10	3	3	6	1
Northern Flicker	3	9	3	10	13
Pileated Woodpecker	27	15	3	7	27
Eastern Wood-Pewee	12	49	2	-	2
Acadian Flycatcher	7	12	-	-	1
Willow Flycatcher	-	3	-	-	-
Least Flycatcher	-	-	-	-	5
Eastern Phoebe	62	16	-	22	47
Great Crested Flycatcher	16	35	2	12	3
Eastern Kingbird	78	46	32	18	13
Horned Lark	4	-	-	-	-
Purple Martin	44	45	48	6	39
Tree Swallow	17	13	-	15	133
N. Rough-winged Swallow	96	61	-	26	90
Bank Swallow	-	4	1	50	2
Cliff Swallow	235	77	-	77	71

<i>Species</i>	Columbia	Nashville	Murfreesboro	Knox Co.	Elizabethton
Barn Swallow	103	47	46	71	117
Blue Jay	165	65	39	213	233
American Crow	193	79	162	167	192
Common Raven	-	-	-	-	11
Cardinal Chickadee	111	84	27	117	164
Tufted Titmouse	100	70	14	94	63
Red-breasted Nuthatch	2	-	-	7	2
White-breasted Nuthatch	17	26	-	2	16
Cardinal Wren	68	75	12	135	102
Bewick's Wren	3	-	-	-	-
House Wren	8	2	4	8	6
Winter Wren	1	-	-	-	-
Sedge Wren	-	2	-	-	-
Marsh Wren	-	1	-	-	-
Golden-crowned Kinglet	-	-	-	-	18
Ruby-crowned Kinglet	8	-	-	16	5
Blue-gray Gnatcatcher	86	101	-	68	53
Eastern Bluebird	277	100	54	97	76
Veery	2	3	-	1	2
Gray-cheeked Thrush	-	2	-	1	-
Swainson's Thrush	2	49	2	6	2
Hermit Thrush	1	-	-	1	-
Wood Thrush	36	29	-	59	39
American Robin	297	160	66	172	498
Gray Catbird	3	5	2	2	4
Northern Mockingbird	112	59	67	70	72
Brown Thrasher	65	18	12	52	16
American Pipit	152	-	-	65	-
Cedar Waxwing	261	613	44	361	113
Loggerhead Shrike	6	2	-	-	1
European Starling	707	532	100	538	416
White-eyed Vireo	86	49	-	35	6
Blue-headed Vireo	2	-	-	8	30
Yellow-throated Vireo	20	2	-	6	2
Warbling Vireo	2	16	-	-	2
Philadelphia Vireo	-	4	-	-	1
Red-eyed Vireo	73	73	-	79	96
Blue-winged Warbler	17	7	-	6	-
Golden-winged Warbler	cw	-	-	cw	17
Tennessee Warbler	12	13	-	7	-
Orange-crowned Warbler	1	-	-	1	-
Nashville Warbler	10	-	1	13	1
Northern Parula	9	13	-	2	26
Yellow Warbler	32	12	1	5	9
Chestnut-sided Warbler	3	5	-	5	25

<i>Species</i>	Columbia	Nashville	Murfreesboro	Knox Co.	Elizabethton
Magnolia Warbler	-	16	-	2	-
Cape May Warbler	4	-	-	4	-
Black-throated Blue Warbler	-	-	-	cw	22
Yellow-rumped Warbler	110	2	3	110	39
Black-throated Green Warbler	31	2	-	40	70
Blackburnian Warbler	3	-	-	10	1
Yellow-throated Warbler	12	10	-	cw	-
Pine Warbler	6	3	-	7	6
Prairie Warbler	33	6	-	20	-
Palm Warbler	77	-	-	11	14
Bay-breasted Warbler	3	6	1	cw	-
Blackpoll Warbler	5	19	-	3	1
Cerulean Warbler	1	2	-	3	1
Black-and-white Warbler	2	4	-	12	29
American Redstart	-	19	-	3	33
Prothonotary Warbler	19	16	-	2	-
Worm-eating Warbler	5	6	-	3	19
Ovenbird	4	1	-	19	78
Northern Waterthrush	4	-	-	cw	-
Louisiana Waterthrush	11	2	-	2	1
Kentucky Warbler	48	26	-	3	2
Connecticut Warbler	-	1	-	-	-
Common Yellowthroat	95	56	2	71	23
Hooded Warbler	3	13	-	18	72
Wilson's Warbler	-	1	-	-	-
Canada Warbler	-	14	-	cw	-
Yellow-breasted Chat	56	34	3	30	5
Summer Tanager	32	34	2	8	-
Scarlet Tanager	37	22	1	45	26
Northern Cardinal	277	240	83	282	157
Rose-breasted Grosbeak	43	5	2	8	7
Blue Grosbeak	10	4	3	5	3
Indigo Bunting	158	284	9	84	27
Dickcissel	-	30	-	-	-
Eastern Towhee	105	59	14	70	121
Chipping Sparrow	43	13	5	10	28
Field Sparrow	108	123	-	50	20
Lark Sparrow	-	-	1	-	-
Savannah Sparrow	33	3	-	31	4
Grasshopper Sparrow	2	-	-	5	-
Song Sparrow	1	12	1	100	172
Lincoln's Sparrow	1	-	-	1	-
Swamp Sparrow	21	-	-	11	-
White-throated Sparrow	166	3	6	118	58
White-crowned Sparrow	32	-	-	4	10

<i>Species</i>	<i>Columbia</i>	<i>Nashville</i>	<i>Murfreesboro</i>	<i>Knox Co.</i>	<i>Elizabethton</i>
Sparrow sp.	-	-	110	-	-
Dark-eyed Junco	-	-	-	-	39
Red-winged Blackbird	577	184	48	234	215
Eastern Meadowlark	123	48	42	64	67
Common Grackle	972	151	100	253	340
Brown-headed Cowbird	101	84	35	57	29
Orchard Oriole	74	27	2	21	8
Baltimore Oriole	12	-	-	1	4
Purple Finch	5	-	-	-	2
House Finch	78	24	40	23	32
Pine Siskin	-	-	-	2	332
American Goldfinch	44	231	54	101	377
Evening Grosbeak	-	-	-	-	100
House Sparrow	41	36	-	32	70
<i>Total individuals</i>	8935	5989	1803	5633	6591
<i>Total species 2000</i>	151	145	80	127 (+8 cw)	137

CW = Count week. Indicates species was seen during count week (3 days before or after the count but not on count day).

<sup>1</sup> Data for Greeneville, Hamilton Co., Montgomery Co., Putnam Co., Shelby Co., and Wilson Co. are provided in full in Hoff (2000)

Table 2. Species count and effort data for all TOS Spring 2000 Counts

<i>Counties:</i>	Shelby	Columbia	Nashville	Murfreesboro	Wilson	Montgomery
<i>Species</i>						
Total individuals	2000	4916	8935	5989	1803	1040
Total species 2000	129	151	145	80	55	122
Total species 1999	140	143	158	101	-	132
Total species 1998	141	133	171	124	92	135
<i>Effort</i>						
Number of participants	21	13	34	11	5	14
Number of parties	-	-	9	6	2	6
Party hours	26-75	-	59-5	26	9-5	96
Hours on foot	8-5	-	34-75	5	6-5	51-5
Hours in car	18-25	-	24-75	19	3	44-5
Hours in boat	-	-	-	2	-	-
Party miles	78-5	-	214-75	167	22-5	718-3
Miles on foot	19	-	28-75	7	1-5	29-5
Miles by car	59-5	-	186	160	21	688-8
Hours owling	-	-	1-5	-	-	-
Miles owling	-	-	15	-	-	-
Feeder participants	-	-	-	6	3	-
Feeder parties	-	-	-	3	-	-
Feeder hours	-	-	-	6	4-5	9-75

<i>Counties:</i>	Putnam	Greeneville	Hamilton	Knox	Elizabethton	Totals
<i>Species</i>						
Total individuals	6279	12281	4005	7407	5633	6591 64879
Total species 2000	128	108	132	127 (+8 cw)	137	212
Total species 1999	130	121 (+4 cw)	157	134 (+2 cw)	143	208 (+1 cw)
Total species 1998	130	91 (+20 cw)	155	134 (+6 cw)	135	223
<i>Effort:</i>						
Number of participants	16	19	27	23	-	
Number of parties	-	12	13	13	-	
Party hours	87	50	106.5	65.5	-	
Hours on foot	-	7	-	54.5	-	
Hours in car	-	43	-	11	-	
Hours in boat	-	-	-	-	-	
Party miles	605.5	278	715	342.5	-	
Miles on foot	-	5	40	36	-	
Miles by car	-	273	675	306.5	-	
Hours owling	3	-	9	-	-	
Miles owling	50.5	-	-	-	-	
Feeder participants	5	16-25	-	-	-	
Feeder parties	-	-	-	-	-	
Feeder hours	6	-	-	2	-	

CW = Count week. Indicates species was seen during count week (3 days before or after the count but not on count day).

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