

Sokal, R.R. and Rohlf, F.J. 1981. Biometry, 2nd Edition. W. H. Freeman and Company, New York.

Thayer, G. H. 1918. Concealing Coloration in the Animal Kingdom. Macmillan, New York.

*Department of Psychology, University of North Carolina at Greensboro, Greensboro, NC 27412-5001. Current Address: Department of Psychology, Dominican College, Orangeburg, NY 10962*

## **1995 Spring North American Migration Count in North Carolina**

DENNIS E. BURNETTE

The 1995 North American Migration Count (NAMC) was held on 13 May and included reports from North Carolina for the the second year. No reports were received for two counties that were listed in 1994 (Craven and Jones), while reports for five counties (Ashe, Avery, Moore, Onslow, and Wilkes) were received for the first time. This resulted in a net increase of 3 counties for a total of 15 North Carolina counties reporting.

The spring NAMC is conducted annually throughout North America north of Mexico on the second Saturday in May. It was begun in 1992 by Jim Stasz, a birder in Maryland who is attempting to determine the pattern of migration in North America. Unlike traditional Christmas and spring counts, the NAMC obtains an annual "snapshot" of the continent by organizing volunteers in each state (and province) to count birds in an entire county on a single day.

The annual date of the NAMC can be one to two weeks after many migrants have passed through some parts of North Carolina. However, the purpose of the count is not to determine how many migrants are in a state at the peak of migration but rather to identify the density and distribution of bird species throughout the whole continent at a given point in time. Therefore, some species will be gone from some southern states and will not have arrived yet in other states and provinces further north.

The number of reports in 1994 and 1995 is far short of the potential for migration counts in the 100 North Carolina counties. Currently, most geographic regions are poorly represented, with only the mountains receiving fair coverage. Clearly, data regarding the density and distribution of bird species during spring migration in North Carolina and the continent will benefit from the inclusion of more counties in each region in the future.

The following is the list of counties (and county seats) for which reports were received for the 1995 North American Migration Count in North Carolina:

Alleghany (Sparta), Ashe (Jefferson), Avery (Newland), Buncombe (Asheville), Brunswick (Southport), Cherokee (Murphy), Cleveland (Shelby), Guilford

(Greensboro), Henderson (Hendersonville), Moore (Carthage), Onslow (Jacksonville), Pitt (Greenville), Polk (Columbus), Transylvania (Brevard), Wilkes (Wilkesboro).

## SUMMARY DATA

A total of 173 participants from 15 counties reported 32,630 individual birds of 400 species for the 1995 NAMC in North Carolina.

Parties/Observers: Regular parties included 143 observers in 69 parties; Night (Owling) parties included 17 observers in 11 parties; Stationary parties included 30 people in 22 parties; and 32 Feeder Watchers observed 46 feeding stations.

Hours: Party hours for all categories totaled 536:14. Regular party hours totaled 440:44 and included 199:15 by foot, 218:14 by car, 2:00 by boat, 13:00 by ATV, and 8:15 by golf cart; Night (Owling) hours totaled 12:00; Stationary hours totaled 22:45; and Feeder Watching hours totaled 60:45.

Miles: Party miles for all categories totaled 2496.9. Regular party miles totaled 2417.4 and included 140.8 by foot, 2256.6 by car, 1.0 by boat, 14.0 by ATV, and 5.0 by golf cart; Night (Owling) miles totaled 79.5.

### Rarities and High counts

An Avery County observer reported 2 late Pine Siskins at a feeder on Grandfather Mountain and a Swainson's Warbler singing above 3300 feet, apparently on territory, where it was heard from late April through late May (recordings made).

From Brunswick County, several interesting species were reported: an early Anhinga was spotted; an American Black Duck was seen for the third year (believed to be hybridizing with permanent-resident Mallards); 7 Black Scoters from Ocean Isle Beach and 74 off Sunset Beach made an impressive total of 81; 23 Red-breasted Mergansers from three sites were interesting; a lingering American Coot at a swampy part of the Calabash River; a Piping Plover on Sunset Beach; and a Long-billed Curlew flying over Bird Island. An Iceland Gull was reported for the second year in a row, this one from Ocean Isle Beach, the one last year on Sunset Beach.

Guilford County observers reported an unusually late Red-breasted Merganser on Lake Townsend; 2 nesting adult Bald Eagles with one immature in the nest seen at Lake Higgins during count week but not on count day; a late Laughing gull on Lake Townsend; and a singing Warbling Vireo for the second report year in the same residential yard near Greensboro, apparently the same lonely male that unsuccessfully has been seeking a mate in this location for three springs.

Moore County was the site of 3 Mute Swans, adding to the increasing number of sightings of this feral species in North Carolina; also of interest was a thoroughly described immature Surf Scoter seen well at the end of Woodlake Blvd. near West End.

Onslow County reported several "good" species: a late Great Cormorant on North Topsail Beach; a good count of late ducks i.e. Blue-winged Teal, Lesser Scaup, and Ruddy Duck, and including probable nesting American Black Ducks; White-rumped and Stilt Sandpipers on North Topsail Beach, Least Terns nesting at North Topsail Inlet, and a Worm-eating Warbler at a nest in Hoffman Forest.

An observer in Pitt County noted a Wilson's Warbler foraging and singing intermittently in River Park, North Greenville.

Polk County reported one of only two Black-billed Cuckoos in the state.

Transylvania County provided an unusual mountain record of American Black Ducks, a species also recorded in two coastal counts this spring. Is it possible that some or all of these "black" ducks are Mottled Ducks from the introduced populations in South Carolina? A Black-billed Cuckoo was one of about six reported in the county during the spring, possibly indicating an "invasion"; Peregrine Falcons were seen at a known Cold Mountain aerie; and Yellow-bellied Sapsuckers, a male and a female, were seen and heard calling on Avery Creek Rd. at about 4000 ft just below the Cradle of Forestry site (a breeding pair?).

#### County Records

The NAMC uses the following definitions for the four reporting categories: Regular (R) - Observers move from one place to another within a relatively large part of a county during the period from dawn to dusk; Night (N) i.e. "Owling" - Observers tally all species seen or heard from midnight until dawn and from dusk to midnight; Stationary (S) - Observers spend a significant amount of time from dawn until dusk at one observation point and count birds that move past; and Feeder Watching (F) - Observers spend a minimum of one hour at one location counting birds that are attracted to a feeding station or stations, making an attempt to count the birds only once. All data for individuals of each species reported below refer to Regular observations unless otherwise specified as Night (Owling), Stationary or Feeder Watching data.

**Alleghany County, NC.** 0500 to 2100. Weather: temperature 50°-70°; wind 0 AM, light easterly PM; clouds 40-60% AM, 40% PM; no precipitation. Regular: 6 observers in 3 parties; regular hours foot 16; regular hours car 5; regular hours ATV 9; regular miles foot 16; regular miles car 60; regular miles ATV 12. Night (Owling): 1 observer in 1 party; night hours 1; night miles 0. No Stationary parties. No Feeder Watchers. County summary: 31 party hours; 88 party miles, 6 participants.

Great Blue Heron 2, Canada Goose 2, Wood Duck 4, Mallard 4, Blue-winged Teal 3, Hooded Merganser 1, Black Vulture 28, Turkey Vulture 47, Osprey 1, Sharp-shinned Hawk 3, Cooper's Hawk 1, Red-shouldered Hawk 1, Broad-winged Hawk 4, Red-tailed Hawk 4, American Kestrel 7, Ruffed Grouse 6, Wild Turkey 29, Northern Bob-white 4, Killdeer 18, Spotted Sandpiper 2, Common Snipe 1, Rock Dove 7, Mourning Dove 44, Yellow-billed Cuckoo 2, Eastern Screech-Owl

2, Great Horned Owl 2, Whip-poor-will 2, Chimney Swift 25, Ruby-throated Hummingbird 21, Belted Kingfisher 9, Red-bellied Woodpecker 11, Downy Woodpecker 10, Hairy Woodpecker 2, Northern Flicker 3, Pileated Woodpecker 11, Eastern Wood Pewee 14, Acadian Flycatcher 2, Empidonax sp. 2, Eastern Phoebe 13, Great-crested Flycatcher 4, Eastern Kingbird 19, Purple Martin 13, Tree Swallow 52, Northern Rough-winged Swallow 3, Barn Swallow 54, Blue Jay 22, American Crow 251, Common Raven 18, Carolina Chickadee 19, Tufted Titmouse 12, White-breasted Nuthatch 9, Carolina Wren 7, House Wren 7, Ruby-crowned Kinglet 2, Blue-gray Gnatcatcher 18, Eastern Bluebird 59, Swainson Thrush 1, Wood Thrush 15, American Robin 40, Gray Catbird 25, Northern Mockingbird 6, Brown Thrasher 15, Cedar Waxwing 14, European Starling 103, White-eyed Vireo 2, Solitary Vireo 8, Yellow-throated Vireo 2, Warbling Vireo 2, Red-eyed Vireo 45, Golden-winged Warbler 2, Northern Parula 12, Yellow Warbler 14, Magnolia Warbler 1, Cape May Warbler 2, Black-throated Blue Warbler 4, Yellow-rumped Warbler 20, Blackburnian Warbler 1, Yellow-throated Warbler 1, Pine Warbler 1, Blackpoll Warbler 5, Black & White Warbler 3, American Redstart 4, Worm-eating Warbler 2, Ovenbird 23, Louisiana Waterthrush 1, Connecticut Warbler 1, Common Yellowthroat 5, Hooded Warbler 5, Scarlet Tanager 4, Northern Cardinal 25, Blue Grosbeak 1, Indigo Bunting 60, Rufous-sided Towhee 20, Chipping Sparrow 33, Field Sparrow 16, Grasshopper Sparrow 14, Song Sparrow 77, White-throated Sparrow 3, White-crowned Sparrow 1, Red-winged Blackbird 46, Eastern Meadowlark 20, Rusty Blackbird 8, Common Grackle 42, Brown-headed Cowbird 29, Orchard Oriole 1, House Finch 32, American Goldfinch 87, House Sparrow 10.

Total: 109 species, 1841 individuals.

County Compiler: James H. Coman III, Rt. 1, Box 182, Piney Creek, NC 28663.  
Participants: Bruce Coman, James Coman III, J. H. Coman, Jr., Katherine Higgins, Rob Van Epps.

**Ashe County, NC.** 0630 to 1500. Weather: temperature 45°–60°; wind calm AM, calm PM; clouds 100% AM, 100% PM; precipitation PM rain after 1500. Regular: 4 observers in 2 parties; regular hours foot 7; regular hours car 1; regular miles foot 7; regular miles car 10. No Night (Owling) parties. Stationary: 1 stationary observer in 1 party; stationary hours 1. Feeder Watching: 1 observer watching 1 station; feeder watching hours not reported. County summary: 9 party hours; 17 party miles, 5 participants.

Canada Goose 2, Wood Duck 1, Turkey Vulture 15, Red-shouldered Hawk 2, Red-tailed Hawk 1, Wild Turkey 1, Northern Bob-white 6, Mourning Dove 26 (21 regular, 5 feeder), Chimney Swift 29, Ruby-throated Hummingbird 8 (6 regular, 2 feeder), Belted Kingfisher 1, Red-bellied Woodpecker 2, Downy Woodpecker 2, Pileated Woodpecker 1, Eastern Wood Pewee 4, Eastern Kingbird 1 (1 feeder), Northern Rough-winged Swallow 2, Barn Swallow 13, Blue Jay 5 (4 regular, 1 feeder), American Crow 25, Carolina Chickadee 8, Tufted Titmouse 2,

White-breasted Nuthatch 2 (1 regular, 1 feeder), Brown-headed Nuthatch 2, Carolina Wren 4, House Wren 3, Eastern Bluebird 14 (13 regular, 1 feeder), Wood Thrush 6, American Robin 61, Gray Catbird 3, Northern Mockingbird 3, Brown Thrasher 1, European Starling 6, Yellow-throated Vireo 1, Ovenbird 3, Scarlet Tanager 3, Northern Cardinal 5 (4 regular, 1 feeder), Indigo Bunting 9 (6 regular, 3 feeder), Rufous-sided Towhee 5, Chipping Sparrow 12 (7 regular, 5 feeder), Song Sparrow 15, White-crowned Sparrow 4, Dark-eyed Junco 2, Red-winged Blackbird 7, Brown-headed Cowbird 4 (4 feeder), House Finch 23 (19 regular, 4 feeder), American Goldfinch 46 (44 regular, 2 feeder), House Sparrow 9.

Total: 47 species, 385 individuals (355 regular, 30 feeder).

County Compiler: James Coman III, Rt. 1, Box 182, Piney Creek, NC 28663.

Participants: Arlene Bowen, Paul Bailey, Peggy Bailey, Glenn Bailey, Janet Kelly.

**Avery County, NC.** 0615 to 1500. Weather: temperature 42°–63°; wind 0-3 westerly AM, gusty PM; clouds 100% AM, 100% PM; precipitation heavy thunderstorms beginning 1500. Regular: 1 observer in 1 party; regular hours foot 3:45; regular hours car 5; regular miles foot 2.5; regular miles car 35. No Night (Owling) parties. No Stationary parties. No Feeder Watchers. County summary: 8:45 party hours; 37.5 party miles, 1 participant.

Killdeer 1, Mourning Dove 3, Ruby-throated Hummingbird 1, Hairy Woodpecker 5, Pileated Woodpecker 3, Eastern Wood Pewee 1, Acadian Flycatcher 1, Eastern Phoebe 4, Barn Swallow 2, Blue Jay 23, American Crow 9, Common Raven 7, Carolina Chickadee 12, Tufted Titmouse 11, Red-breasted Nuthatch 7, White-breasted Nuthatch 2, Brown Creeper 2, Carolina Wren 4, House Wren 2, Winter Wren 1, Golden-crowned Kinglet 1, Veery 8, Wood Thrush 12, American Robin 26, Gray Catbird 13, Solitary Vireo 8, Red-eyed Vireo 24, Northern Parula 3, Chestnut-sided Warbler 14, Black-throated Blue Warbler 21, Swainson's Warbler 1, Ovenbird 20, Common Yellowthroat 2, Hooded Warbler 8, Canada Warbler 4, Scarlet Tanager 4, Northern Cardinal 10, Rose-breasted Grosbeak 4, Indigo Bunting 4, Rufous-sided Towhee 33, Field Sparrow 1, Song Sparrow 12, Dark-eyed Junco 31, Common Grackle 10, Brown-headed Cowbird 5, House Finch 5, Pine Siskin 2, American Goldfinch 5, House Sparrow 2.

Total: 49 species, 394 individuals.

County Compiler: Margery R. Plymire, Box 306, Linville Falls, NC 28647.

Participants: Margery Plymire

**Brunswick County, NC.** 0545 to 2130. Weather: temperature 70°–80°; wind 3 northerly AM, 5 northerly PM; clouds 30–50% AM, 30–40% PM; No precipitation. Regular: 19 observers in 13 parties; regular hours foot 29; regular hours car 19:45; regular hours boat 2; regular hours golf cart 8:15; regular hours ATV 4; regular miles foot 12; regular miles car 218; regular miles boat 1; regular miles golf cart 5; regular miles ATV 2. Night (Owling): 3 observers in 2 parties;

night hours 2; night miles 24. Stationary: 7 observers in 5 parties; stationary hours 6:15. Feeder Watching: 5 observers watching 16 feeding stations; 5:45 feeder watching hours. County summary: 76:55 party hours; 262 party miles, 14 participants.

Brown Pelican 86, Double-crested Cormorant 239 (148 stationary, 91 regular), Anhinga 1, Great Blue Heron 13, Great Egret 150 (95 stationary, 55 regular), Snowy Egret 37 (1 stationary, 36 regular), Little Blue Heron 3, Tricolor Heron 7, Cattle Egret 1, Green Heron 39 (7 stationary, 32 regular), Black-crowned Night Heron 10, Yellow-crowned Night Heron 13 (12 stationary, 1 regular), Night Heron sp. 17 (stationary), White Ibis 438 (145 stationary, 293 regular), Canada Goose 44 (23 stationary, 21 regular), Wood Duck 51, American Black Duck 1, Mallard 9 (4 stationary, 5 regular), Blue-winged Teal 2, Black Scoter 82, Red-breasted Merganser 23, Black Vulture 3, Turkey Vulture 17 (1 stationary, 16 regular), Osprey 34 (1 stationary, 33 regular), Red-shouldered Hawk 3, Red-tailed Hawk 3, American Kestrel 2, Northern Bob-white 14, Clapper Rail 8, King Rail 1, Common Moorhen 11, American Coot 1, Black-bellied Plover 48, Wilson's Plover 192, Semi-palmated Plover 154, Piping Plover 1, Killdeer 10, American Oystercatcher 31, Greater Yellowlegs 4, Lesser Yellowlegs 2, Willet 109, Spotted Sandpiper 21, Whimbrel 20, Long-billed Curlew 1, Ruddy turnstone 15, Red Knot 1994, Sanderling 170, Semi-palmated Sandpiper 26, Western Sandpiper 3, Least Sandpiper 2, Dunlin 165, Peep sp. 26, Short-billed Dowitcher 190, Dowitcher sp. 59, Laughing Gull 169, Bonaparte's Gull 1, Ring-billed Gull 60, Herring Gull 13, Iceland Gull 1, Great Black-backed Gull 3, Gull sp. 16, Caspian Tern 5, Royal Tern 62, Sandwich Tern 17, Common Tern 1, Forster's Tern 59, Sterna sp. 11, Least Tern 59, Black Skimmer 69, Rock Dove 32, Mourning Dove 138 (9 feeder, 129 regular), Yellow-billed Cuckoo 10, Common Nighthawk 6, Chuck-Will's Widow 17 (owling), Whip-poor-will 1 (owling), Chimney Swift 47 (3 stationary, 44 regular), Ruby-throated Hummingbird 4 (1 feeder, 3 regular), Belted Kingfisher 4, Red-headed Woodpecker 43 (1 feeder, 42 regular), Red-bellied Woodpecker 28 (8 feeder, 20 regular), Downy Woodpecker 7 (5 feeder, 2 regular), Red-cockaded Woodpecker 2, Northern Flicker 17, Pileated Woodpecker 6 (1 stationary, 5 regular), Eastern Wood Pewee 6, Acadian Flycatcher 9, Great-crested Flycatcher 66, Eastern Kingbird 30, Purple Martin 86 (5 stationary, 81 regular), Tree Swallow 15, Northern Rough-winged Swallow 21, Barn Swallow 80 (5 stationary, 75 regular), Blue Jay 81 (13 feeder, 68 regular), American Crow 47, Fish Crow 40, Crow sp. 23, Carolina Chickadee 21 (9 feeder, 21 regular), Tufted Titmouse 63 (11 feeder, 52 regular), Brown-headed Nuthatch 16 (1 feeder, 15 regular), Carolina Wren 71 (5 feeder, 66 regular), House Wren 4, Blue-gray Gnatcatcher 19, Eastern Bluebird 51 (6 stationary, 1 feeder, 44 regular), Wood Thrush 11, American Robin 17 (3 feeder, 14 regular), Gray Catbird 1, Northern Mockingbird 129, Brown Thrasher 42 (3 feeder, 39 regular), Loggerhead Shrike 19 (4 stationary, 15 regular), European Starling 52, White-eyed Vireo 14, Yellow-throated Vireo 4, Red-eyed Vireo 8, Northern Parula 12, Yellow-throated Warbler 13, Pine Warbler 42, Prairie Warbler

35, Prothonotary Warbler 19, Worm-eating Warbler 12, Swainson's Warbler 7, Ovenbird 6, Common Yellowthroat 18, Hooded Warbler 8, Yellow-breasted Chat 10, Summer Tanager 19, Scarlet Tanager 2, Northern Cardinal 110 (7 feeder, 103 regular), Rose-breasted Grosbeak 1, Blue Grosbeak 11, Indigo Bunting 10, Painted Bunting 4, Rufous-sided Towhee 19, Bachman's Sparrow 1, Seaside Sparrow 1, Red-winged Blackbird 88, Eastern Meadowlark 4, Boat-tailed Grackle 172 (4 feeder, 168 regular), Common Grackle 69 (1 stationary, 12 feeder, 56 regular), Brown-headed Cowbird 63 (1 stationary, 4 feeder, 58 regular), Blackbird sp. 10, Orchard Oriole 29, American Goldfinch 2, House Sparrow 28.

Total: 136 species, 7394 individuals (6799 regular, 18 night, 480 stationary, 97 feeder).

County Compiler: Diane Hahn, 269 Sea Trail Dr., Sunset Beach, NC 28468

Participants: Sue Baer, Judy Brown, Richard Brown, Carolyn Bush, Norman Bush, Hansi Cherry, Diane Hahn, David Harper, Marge Harper, Dottie Isgrig, Mary McDavit, Rick Murray, Lynn Petch, Marcia Warring.

**Buncombe County, NC.** 0615 to 2015. Weather: temperature 48°–65°; wind 0–5 northerly AM, 5–6 northerly PM; clouds 90–100% AM, 100% PM; no precipitation. Regular: 4 observers in 1 party; regular hours foot 1; regular hours car 13; regular miles foot 1; regular miles car 80. No Night (Owling) parties. No Stationary parties. No Feeder Watchers. County summary: 14 party hours; 81 party miles, 4 participants.

Green Heron 1, Canada Goose 1, Wood Duck 2, Turkey Vulture 2, Broad-winged Hawk 2, Northern Bob-white 1, Killdeer 2, Spotted Sandpiper 1, Rock Dove 3, Mourning Dove 20, Common Nighthawk 1, Chimney Swift 75, Ruby-throated Hummingbird 1, Belted Kingfisher 1, Red-bellied Woodpecker 5, Downy Woodpecker 1, Hairy Woodpecker 1, Pileated Woodpecker 3, Eastern Wood Pewee 6, Willow Flycatcher 1, Eastern Phoebe 1, Great-crested Flycatcher 1, Eastern Kingbird 1, Northern Rough-winged Swallow 5, Barn Swallow 18, Blue Jay 10, American Crow 12, Carolina Chickadee 10, Tufted Titmouse 12, Red-breasted Nuthatch 1, White-breasted Nuthatch 1, Brown-headed Nuthatch 12, Carolina Wren 6, House Wren 2, Blue-gray Gnatcatcher 1, Eastern Bluebird 8, Wood Thrush 13, American Robin 20, Gray Catbird 6, Northern Mockingbird 5, Brown Thrasher 5, Cedar Waxwing 35, European Starling 20, Solitary Vireo 5, Yellow-throated Vireo 3, Red-eyed Vireo 26, Yellow Warbler 15, Chestnut-sided Warbler 10, Magnolia Warbler 1, Black-throated Blue Warbler 3, Yellow-rumped Warbler 1, Blackburnian Warbler 1, Yellow-throated Warbler 1, Palm Warbler 1, Blackpoll Warbler 11, Cerulean Warbler 15, Black & White Warbler 9, American Redstart 13, Ovenbird 10, Northern Waterthrush 1, Kentucky Warbler 2, Common Yellowthroat 3, Hooded Warbler 8, Wilson's Warbler 2, Canada Warbler 5, Yellow-breasted Chat 1, Scarlet Tanager 6, Northern Cardinal 8, Rose-breasted Grosbeak 8, Indigo Bunting 15, Rufous-sided Towhee 7, Chipping Sparrow 6, Field Sparrow 3, Song Sparrow 20, Dark-eyed Junco 5, Red-winged Blackbird 15,

Eastern Meadowlark 1, Common Grackle 3, Brown-headed Cowbird 5, Northern Oriole 3, House Finch 3, American Goldfinch 16

Total: 82 species, 606 individuals.

County Compiler: Ruth E. Young, P.O. Box 836, Fairview, NC 28730.

Participants: Peggy Lasher, Theresa McKittrick, Jan Murphy, Ruth Young.

**Cherokee County, NC.** 0630 to 1830. Weather: temperature 46°–70°; wind light southwesterly AM, light westerly PM; clouds 95% AM, 99–100% PM; Precipitation: none AM, light after dusk. Regular: 2 observers in 1 party; regular hours foot 6:30; regular hours car 3; regular miles foot 3.5; regular miles car 60.7. No Night (Owling) parties. No Stationary parties. No Feeder Watchers. County summary: 9:30 party hours; 64.2 party miles, 2 participants.

Green Heron 3, Canada Goose 10, Turkey Vulture 1, Northern Bob-white 4, Spotted Sandpiper 1, Rock Dove 2, Mourning Dove 19, Yellow-billed Cuckoo 16, Chuck-Will's Widow 1, Chimney Swift 54, Ruby-throated Hummingbird 12, Belted Kingfisher 1, Red-bellied Woodpecker 3, Downy Woodpecker 4, Hairy Woodpecker 3, Northern Flicker 4, Pileated Woodpecker 7, Eastern Wood Pewee 9, Eastern Phoebe 19, Great-crested Flycatcher 10, Purple Martin 15, Northern Rough-winged Swallow 11, Barn Swallow 12, Blue Jay 13, American Crow 39, Carolina Chickadee 18, Tufted Titmouse 22, White-breasted Nuthatch 5, Carolina Wren 24, Blue-gray Gnatcatcher 4, Eastern Bluebird 11, Wood Thrush 9, American Robin 30, Gray Catbird 3, Northern Mockingbird 5, Brown Thrasher 6, European Starling 41, Red-eyed Vireo 19, Northern Parula 4, Yellow Warbler 1, Magnolia Warbler 1, Yellow-rumped Warbler 1, Black-throated Green Warbler 1, Pine Warbler 2, Blackpoll Warbler 1, Black & White Warbler 2, Ovenbird 2, Kentucky Warbler 3, Common Yellowthroat 3, Hooded Warbler 7, Yellow-breasted Chat 10, Scarlet Tanager 2, Northern Cardinal 12, Rose-breasted Grosbeak 1, Blue Grosbeak 1, Indigo Bunting 42, Rufous-sided Towhee 29, Chipping Sparrow 4, Field Sparrow 8, Song Sparrow 43, Red-winged Blackbird 57, Eastern Meadowlark 16, Common Grackle 3, Brown-headed Cowbird 3, Orchard Oriole 2, House Finch 8, American Goldfinch 19, House Sparrow 2.

Total: 53 species, 760 individuals.

County Compilers: Bill Bolte and Jan Bolte, Rt. 2, Box 175A, Murphy, NC 28906.

Participants: Bill Bolte, Jan Bolte.

**Cleveland County, NC.** 0810 to 1454. Weather: temperature 58°–78°; wind, clouds not reported; precipitation: none AM, light at dusk. Regular: 4 observers in 1 party; regular hours foot 0:30; regular hours car 6:14; regular miles foot 0.3; regular miles car 41.5. No Night (Owling) parties. No Stationary parties. No Feeder Watchers. County summary: 6:44 party hours; 41.8 party miles, 4 participants.



Double-crested Cormorant 1, Canada Goose 3, Mallard 4, Black Vulture 4, Turkey Vulture 5, Red-tailed Hawk 5, Buteo sp. 1, American Kestrel 1, Northern Bob-white 2, Killdeer 6, Lesser Yellowlegs 1, Solitary Sandpiper 1, Spotted Sandpiper 2, Peep sp. 2, Rock Dove 6, Mourning Dove 42, Common Barn Owl 2, Chimney Swift 23, Red-headed Woodpecker 1, Red-bellied Woodpecker 5, Hairy Woodpecker 1, Northern Flicker 4, Pileated Woodpecker 1, Eastern Wood Pewee 4, Eastern Phoebe 3, Great-crested Flycatcher 4, Eastern Kingbird 12, Horned Lark 4, Purple Martin 21, Northern Rough-winged Swallow 1, Barn Swallow 13, Blue Jay 19, American Crow 15, Carolina Chickadee 2, Tufted Titmouse 7, Carolina Wren 6, House Wren 1, Blue-gray Gnatcatcher 2, Eastern Bluebird 16, Wood Thrush 1, American Robin 63, Gray Catbird 2, Northern Mockingbird 41, Brown Thrasher 12, European Starling 66, White-eyed Vireo 1, Yellow-throated Vireo 1, Red-eyed Vireo 4, Pine Warbler 3, Common Yellowthroat 3, Yellow-breasted Chat 3, Summer Tanager 6, Northern Cardinal 15, Blue Grosbeak 5, Indigo Bunting 18, Rufous-sided Towhee 6, Chipping Sparrow 2, Field Sparrow 9, Savannah Sparrow 1, Grasshopper Sparrow 5, Song Sparrow 2, Red-winged Blackbird 16, Eastern Meadowlark 16, Common Grackle 69, Brown-headed Cowbird 1, Orchard Oriole 3, House Finch 10, American Goldfinch 3, House Sparrow 14

Total: 67 species, 654 individuals.

County Compiler: Jo Ann Martin, P.O. Box 242, Ellenboro, NC 28040

Participants: Jacquie Brunnick, Carolyn LeGrand, Jo Ann Martin, Dot McMurray.

**Guilford County, NC.** 0330 to 1900. Weather: temperature 65°–80°; wind not reported; clouds 90% AM, 80% diminishing to 50% PM; precipitation: none. Regular: 24 observers in 11 parties; regular hours foot 43; regular hours car 47:15; regular miles foot 31.5; regular miles car 543. Night (Owling): 1 observer in 1 party; night hours 2:30, night miles 37. No Stationary parties. No Feeder Watchers. County summary: 92:45 party hours; 611.5 party miles, 24 participants.

Common Loon 1, Pied-billed Grebe 1, Double-crested Cormorant 19, Great Blue Heron 15, Great Egret 1, Green Heron 11, Canada Goose 282, Wood Duck 13, Mallard 181, Red-breasted Merganser 3, Black Vulture 4, Turkey Vulture 22, Osprey 4, Cooper's Hawk 1, Red-shouldered Hawk 4, Broad-winged Hawk 3, Red-tailed Hawk 25, American Kestrel 1, Wild Turkey 1, Northern Bob-white 13, Semi-palmated Plover 1, Killdeer 42, Greater Yellowlegs 1, Lesser Yellowlegs 1, Solitary Sandpiper 11, Spotted Sandpiper 22, Least Sandpiper 8, Laughing Gull 1, Ring-billed Gull 8, Rock Dove 102, Mourning Dove 355, Yellow-billed Cuckoo 17, Barred Owl 2, Common Nighthawk 3, Whip-poor-will 4, Chimney Swift 149, Ruby-throated Hummingbird 7, Belted Kingfisher 14, Red-headed Woodpecker 8, Red-bellied Woodpecker 74, Downy Woodpecker 26, Hairy Woodpecker 8, Northern Flicker 25, Pileated Woodpecker 6, Eastern Wood Pewee 49, Acadian Flycatcher 8, Eastern Phoebe 27, Great-crested Flycatcher 28, Eastern Kingbird 66, Horned Lark 3, Purple Martin 354, Northern Rough-winged Swallow 57, Bank Swallow 2, Barn Swallow 138, Blue Jay 156, American Crow 150, Carolina

Chickadee 153, Tufted Titmouse 135, White-breasted Nuthatch 9, Brown-headed Nuthatch 24, Carolina Wren 145, House Wren 8, Blue-gray Gnatcatcher 55, Eastern Bluebird 215, Veery 1, Swainson Thrush 12, Wood Thrush 82, American Robin 652, Gray Catbird 38, Northern Mockingbird 259, Brown Thrasher 54, Cedar Waxwing 24, Loggerhead Shrike 1, European Starling 327, White-eyed Vireo 4, Solitary Vireo 1, Yellow-throated Vireo 1, Warbling Vireo 1, Red-eyed Vireo 121, Blue-winged Warbler 1, Northern Parula 9, Yellow Warbler 9, Chestnut-sided Warbler 6, Magnolia Warbler 8, Cape May Warbler 2, Black-throated Blue Warbler 12, Yellow-rumped Warbler 14, Black-throated Green Warbler 5, Blackburnian Warbler 1, Pine Warbler 37, Prairie Warbler 9, Bay-breasted Warbler 1, Blackpoll Warbler 25, Black & White Warbler 6, American Redstart 42, Prothonotary Warbler 1, Worm-eating Warbler 2, Ovenbird 15, Northern Waterthrush 3, Louisiana Waterthrush 7, Kentucky Warbler 1, Common Yellowthroat 57, Hooded Warbler 1, Canada Warbler 1, Yellow-breasted Chat 11, Summer Tanager 10, Scarlet Tanager 29, Northern Cardinal 314, Rose-breasted Grosbeak 5, Blue Grosbeak 21, Indigo Bunting 167, Rufous-sided Towhee 70, Chipping Sparrow 81, Field Sparrow 62, Savannah Sparrow 1, Grasshopper Sparrow 14, Song Sparrow 69, Red-winged Blackbird 104, Eastern Meadowlark 112, Common Grackle 468, Brown-headed Cowbird 43, Orchard Oriole 13, Northern Oriole 7, House Finch 148, American Goldfinch 92, House Sparrow 95.

Total: 127 species, 7071 individuals.

County Compiler: Dennis E. Burnette, 4209 Bramlet Place, Greensboro, NC 27407.

Participants: Don Allen, Dennis Burnette, Lynn Burnette, Charlie Campbell, Sue Cole, Phil Crisp, Nina Dameron, John Egan, Sharon Egan, Peggy Ferebee, Wally Foutch, Larry Gasper, Jennifer Hart, Herb Hendrickson, Elizabeth Link, Henry Link, Clarence Mattocks, James Mattocks, Jean McCoy, Tom Shepherd, Laurie Sorrell, Tom Street, Henry Strickland, Weslyn Strickland, Emily Tyler.

**Henderson County, NC.** 0800 to 1100. Weather: temperature 50°–63°; wind 0 AM, 2 mph PM; clouds 50% AM, 100% PM; precipitation: none. Regular: 22 observers in 3 parties; regular hours foot 8; regular hours car 0; regular miles foot 8; regular miles car 0. No Night (Owling) parties. No Stationary parties. No Feeder Watchers. County summary: 8 party hours; 8 party miles, 22 participants.

Great Blue Heron 1, Green Heron 1, Wood Duck 3, Mallard 14, Turkey Vulture 1, Killdeer 1, Mourning Dove 9, Yellow-billed Cuckoo 2, Chimney Swift 15, Belted Kingfisher 1, Red-bellied Woodpecker 6, Downy Woodpecker 6, Northern Flicker 5, Pileated Woodpecker 2, Eastern Wood Pewee 6, Acadian Flycatcher 1, Willow Flycatcher 5, Great-crested Flycatcher 2, Barn Swallow 1, Blue Jay 31, American Crow 11, Carolina Chickadee 10, Tufted Titmouse 9, White-breasted Nuthatch 2, Carolina Wren 12, House Wren 1, Blue-gray Gnatcatcher 2, Veery 1,

Swainson Thrush 1, Wood Thrush 14, American Robin 33, Gray Catbird 9, Northern Mockingbird 2, Brown Thrasher 11, Cedar Waxwing 2, European Starling 29, White-eyed Vireo 3, Red-eyed Vireo 12, Northern Parula 1, Yellow Warbler 2, Chestnut-sided Warbler 3, Magnolia Warbler 1, Blackpoll Warbler 19, Black & White Warbler 1, American Redstart 26, Northern Waterthrush 9, Kentucky Warbler 1, Common Yellowthroat 16, Canada Warbler 2, Yellow-breasted Chat 1, Scarlet Tanager 2, Northern Cardinal 29, Indigo Bunting 12, Rufous-sided Towhee 14, Song Sparrow 14, Red-winged Blackbird 11, Common Grackle 34, Brown-headed Cowbird 2, Northern Oriole 2, American Goldfinch 15.

Total: 60 species, 494 individuals.

County Compiler: Simon R. B. Thompson, 11 Thermal View Drive, Tryon, NC 28782.

Participants: Larry Farer, Wayne Forsythe, Aaron Fritschner, Sam Fritschner, Barbara Johnson, Cara McMillan, Claire McMillan, Eddie Morrison, Jack Morrison, Francis Ogasawara, Garland Rice, Robin Rice, Ann Ramage, Margaret Rusk, John Smith, Simon Thompson, Anne Ulinski, John Ulinski, Cindy Way, Frank Wenner, Phillip Williams, Valerie Williams.

**Moore County, NC.** 0500 to 1700. Weather: temperature 53°–80°; wind 0 AM, 5–14 nnw-w PM; clouds none AM, 20% noon, 100% PM; precipitation none AM, rain PM. Regular: 12 observers in 9 parties; regular hours foot 26; regular hours car 33; regular miles foot 19; regular miles car 294. Night (Owling): 7 observers in 4 parties; night hours 4; night miles 4. Stationary: 10 observers in 7 parties; stationary hours 7. Feeder Watching: 20 observers watching 17 feeding stations; feeder watching hours 33. County summary: 100 party hours; 317 party miles, 31 participants.

Double-crested Cormorant 1, Great Blue Heron 3, Green Heron 3, Mute Swan 3, Canada Goose 17, Wood Duck 6, Mallard 123 (30 stationary, 93 regular), Blue-winged Teal 1, Surf Scoter 1, Turkey Vulture 1, Bald Eagle imm. 1, Cooper's Hawk 1, Broad-winged Hawk 1, Red-tailed Hawk 7, Northern Bob-white 26, Killdeer 17, Spotted Sandpiper 17, Least Sandpiper 1, Ring-billed Gull 1, Rock Dove 20 (2 feeder, 18 regular), Mourning Dove 200 (35 feeder, 165 regular), Yellow-billed Cuckoo 11, Eastern Screech-Owl 1 (night), Great Horned Owl 1 (night), Barred Owl 2 (night), Chuck-Will's Widow 16 (night), Whip-poor-will 4 (night), Chimney Swift 64 (19 stationary, 45 regular), Ruby-throated Hummingbird 14 (8 feeder, 6 regular), Belted Kingfisher 2, Red-headed Woodpecker 2 (stationary), Red-bellied Woodpecker 59 (12 feeder, 47 regular), Downy Woodpecker 8, Hairy Woodpecker 2, Red-cockaded Woodpecker 3, Northern Flicker 22 (2 stationary, 20 regular), Pileated Woodpecker 8, Eastern Wood Pewee 32, Acadian Flycatcher 5, Eastern Phoebe 20, Great-crested Flycatcher 56 (4 stationary, 52 regular), Eastern Kingbird 82, Purple Martin 70 (1 stationary, 69 regular), Northern Rough-winged Swallow 11, Barn Swallow 45, Blue Jay 62 (24 feeder, 38 regular), American Crow 107 (9 stationary, 98 regular), Fish Crow 52 (1

stationary, 51 regular), Crow sp. 1, Carolina Chickadee 39 (15 feeder, 24 regular), Tufted Titmouse 46 (13 feeder, 33 regular), White-breasted Nuthatch 24 (11 feeder, 13 regular), Brown-headed Nuthatch 20 (6 feeder, 14 regular), Carolina Wren 76 (8 feeder, 68 regular), House Wren 1, Blue-gray Gnatcatcher 53, Eastern Bluebird 88 (2 feeder, 86 regular), Veery 1, Wood Thrush 33 (3 stationary, 30 regular), American Robin 109 (21 stationary, 88 regular), Gray Catbird 21 (8 stationary, 13 regular), Northern Mockingbird 101 (4 stationary, 97 regular), Brown Thrasher 39 (14 stationary, 25 regular), Loggerhead Shrike 10, European Starling 87, White-eyed Vireo 25, Yellow-throated Vireo 4, Red-eyed Vireo 26, Northern Parula 4, Yellow-rumped Warbler 1, Yellow-throated Warbler 9, Pine Warbler 21 (2 stationary, 19 regular), Prairie Warbler 23, Black & White Warbler 11, American Redstart 6, Prothonotary Warbler 7, Ovenbird 23, Common Yellowthroat 13, Hooded Warbler 3, Canada Warbler 1, Yellow-breasted Chat 4, Summer Tanager 20, Scarlet Tanager 5, Northern Cardinal 106 (24 feeder, 82 regular), Blue Grosbeak 20, Indigo Bunting 16 (3 stationary, 13 regular), Rufous-sided Towhee 61 (11 feeder, 50 regular), Chipping Sparrow 55, Field Sparrow 21 (2 stationary, 19 regular), Red-winged Blackbird 51 (4 stationary, 47 regular), Eastern Meadowlark 39, Common Grackle 120 (6 stationary, 114 regular), Brown-headed Cowbird 24 (9 stationary, 15 regular), Blackbird sp. 9 (stationary), Orchard Oriole 11, House Finch 61 (28 feeder, 33 regular), American Goldfinch 59 (38 feeder, 21 regular), House Sparrow 13 (1 feeder, 12 regular).

Total: 60 species, 2833 individuals (2418 regular, 24 night, 151 stationary, 240 feeder).

County Compiler: Libba Watson, 104 Rob Roy Road, Southern Pines, NC 28387. Participants: Linda Alderman, Earl Anderson, Eleanor Anderson, Crawford Caton, Hazel Caton, Charlotte Clauson, Bob Corey, Faust D'ambrosi, Dick Dole, Lois Dole, Bryce Fleming, Esther Fleming, Charlotte Gantz, Barbara Gent, John Gent, Mac Goodwin, Charlotte Hall, Lyman Hall, Pat Hoffman, Dean Holzgraf, Betty Johnson, Bob Johnson, Marion Jones, Elizabeth Ann Kelley, Brandon McDonald, Winifred Monroe, John Watson, Libba Watson, Alice Wood, Don Wood, Ted York.

**Onslow County, NC.** 0500 to 2000. Weather: temperature 65°–86°; wind calm to 5 se AM, 8–10 se PM; fog AM, clear PM; precipitation none. Regular: 6 observers in 4 parties; regular hours foot 12:30; regular hours car 12; regular miles foot 18.5; regular miles car 287.4. Night (Owling): 3 observers in 3 parties; night hours 1:30; night miles 4.5. No Stationary parties. Feeder Watching: 4 observers watching 6 feeding stations; feeder watching hours 12. County summary: 26 party hours; 310.4 party miles, 7 participants.

Common Loon 2, Pied-billed Grebe 2, Brown Pelican 82, Great Cormorant 1, Double-crested Cormorant 19, Great Blue Heron 4, Great Egret 36, Snowy Egret 3, Little Blue Heron 2, Cattle Egret 1, Green Heron 4, Canada Goose 9, Wood Duck 18, American Black Duck 15, Mallard 16, Blue-winged Teal 1, Lesser Scaup 3,

Ruddy Duck 6, Black Vulture 2, Turkey Vulture 21, Osprey 12, Sharp-shinned Hawk 1, Red-shouldered Hawk 5, Broad-winged Hawk 1, Red-tailed Hawk 4, Northern Bob-white 23, Clapper Rail 2, Sora 1, Common Moorhen 29, American Coot 1, Semi-palmated Plover 7, Killdeer 24, Greater Yellowlegs 14, Lesser Yellowlegs 6, Solitary Sandpiper 4, Willet 15, Spotted Sandpiper 8, Sanderling 27, Semi-palmated Sandpiper 14, Western Sandpiper 12, Least Sandpiper 42, White-rumped Sandpiper 2, Peep sp. 32, Stilt Sandpiper 1, Laughing Gull 189, Bonaparte's Gull 4, Ring-billed Gull 29, Herring Gull 9, Royal Tern 11, Common Tern 3, Forster's Tern 8, Least Tern 12, Black Skimmer 2, Rock Dove 16, Mourning Dove 10 feeder, 146 regular), Yellow-billed Cuckoo 22, Eastern Screech-Owl 2 (night), Barred Owl 7 (night), Common Nighthawk 2, Chuck-Will's Widow 7 (night), Whip-poor-will 6 (night), Chimney Swift 76, Ruby-throated Hummingbird 5, Belted Kingfisher 2, Red-headed Woodpecker 10, Red-bellied Woodpecker 11, Downy Woodpecker 8, Hairy Woodpecker 1, Red-cockaded Woodpecker 7, Northern Flicker 4, Pileated Woodpecker 3, Eastern Wood Pewee 14, Acadian Flycatcher 24, Empidonax sp. 1, Great-crested Flycatcher 38, Eastern Kingbird 23, Horned Lark 2, Purple Martin 108, Tree Swallow 4, Northern Rough-winged Swallow 11, Bank Swallow 2, Barn Swallow 189, Blue Jay 44 (6 feeder, 38 regular), American Crow 61, Fish Crow 13, Carolina Chickadee 23 (2 feeder, 21 regular), Tufted Titmouse 18 (8 feeder, 10 regular), White-breasted Nuthatch 4, Brown-headed Nuthatch 18 (4 feeder, 14 regular), Carolina Wren 29 (2 feeder, 27 regular), Blue-gray Gnatcatcher 31, Eastern Bluebird 70 (2 feeder, 68 regular), Wood Thrush 13, American Robin 6 (1 feeder, 5 regular), Gray Catbird 6, Northern Mockingbird 68 (2 feeder, 66 regular), Brown Thrasher 12 (4 feeder, 8 regular), Cedar Waxwing 6, European Starling 72 (10 feeder, 62 regular), White-eyed Vireo 31, Solitary Vireo 1, Yellow-throated Vireo 4, Red-eyed Vireo 26, Northern Parula 30, Yellow-rumped Warbler 1, Yellow-throated Warbler 16, Pine Warbler 17, Prairie Warbler 24, Black & White Warbler 6, Prothonotary Warbler 12, Worm-eating Warbler 4, Swainson's Warbler 3, Ovenbird 4, Louisiana Waterthrush 1, Common Yellowthroat 25, Hooded Warbler 9, Yellow-breasted Chat 16, Summer Tanager 24, Northern Cardinal 89 (13 feeder, 76 regular), Rose-breasted Grosbeak 2, Blue Grosbeak 22, Indigo Bunting 42 (4 feeder, 38 regular), Painted Bunting 9, Rufous-sided Towhee 20, Bachman's Sparrow 2, Chipping Sparrow 3, Field Sparrow 3, Grasshopper Sparrow 2, Sharp-tailed Sparrow 1, Seaside Sparrow 8, Bobolink 81, Red-winged Blackbird 42, Eastern Meadowlark 29, Boat-tailed Grackle 46, Common Grackle 69 (17 feeder, 52 regular), Brown-headed Cowbird 70 (22 feeder, 48 regular), Northern Oriole 19, House Finch 2, American Goldfinch 5 (1 feeder, 4 regular), House Sparrow 27 (1 feeder, 26 regular).

Total: 66 species, 2903 individuals (2766 regular, 22 night, 115 feeder).

County Compiler: Nell Moore, 378 Francktown Rd., Richlands, NC 28574.

Participants: Buddy Garrett, Hazel Green, John Hammond, Jimi Moore, Nell Moore, Jim O'Donnell, Sr., Shirl Rounds.

**Pitt County, NC.** 0700 to 1700. Weather: temperature 65°–82°; wind calm AM, 5 nw noon, calm PM; clouds clear AM, 30% PM; precipitation none. Regular: 7 observers in 4 parties; regular hours foot 14; regular hours car 8; regular miles foot 8.5; regular miles car 162. No Night (Owling) parties. No Stationary parties. No Feeder Watching. County summary: 22 party hours; 170.5 party miles, 7 participants.

Double-crested Cormorant 20, Great Blue Heron 12, Great Egret 2, Green Heron 2, Canada Goose 24, Wood Duck 7, Mallard 13, Ring-necked Duck 1, Red-breasted Merganser 1, Black Vulture 1, Turkey Vulture 9, Osprey 2, Bald Eagle 2, Red-shouldered Hawk 4, Red-tailed Hawk 4, American Kestrel 1, Northern Bob-white 5, Killdeer 17, Spotted Sandpiper 15, Western Sandpiper 1, Least Sandpiper 10, White-rumped Sandpiper 3, Laughing Gull 1, Bonaparte's Gull 7, Ring-billed Gull 10, Rock Dove 2, Mourning Dove 58, Yellow-billed Cuckoo 13, Eastern Screech-Owl 1, Great Horned Owl 1, Barred Owl 4, Common Nighthawk 1, Chuck-Will's Widow 1, Whip-poor-will 1, Chimney Swift 30, Ruby-throated Hummingbird 3, Belted Kingfisher 3, Red-headed Woodpecker 3, Red-bellied Woodpecker 22, Downy Woodpecker 7, Hairy Woodpecker 1, Northern Flicker 4, Pileated Woodpecker 7, Eastern Wood Pewee 13, Acadian Flycatcher 10, Eastern Phoebe 1, Great-crested Flycatcher 11, Eastern Kingbird 3, Horned Lark 1, Purple Martin 7, Northern Rough-winged Swallow 27, Barn Swallow 31, Blue Jay 5, American Crow 11, Fish Crow 28, Carolina Chickadee 11, Tufted Titmouse 9, Red-breasted Nuthatch 7, Brown-headed Nuthatch 1, Carolina Wren 25, Blue-gray Gnatcatcher 31, Eastern Bluebird 30, Swainson Thrush 3, Wood Thrush 7, American Robin 20, Gray Catbird 12, Northern Mockingbird 33, Brown Thrasher 8, Loggerhead Shrike 6, European Starling 90, White-eyed Vireo 11, Yellow-throated Vireo 3, Red-eyed Vireo 12, Northern Parula 25, Yellow Warbler 3, Yellow-rumped Warbler 2, Yellow-throated Warbler 5, Pine Warbler 5, Prairie Warbler 3, Blackpoll Warbler 2, Black & White Warbler 1, American Redstart 3, Prothonotary Warbler 30, Worm-eating Warbler 1, Swainson's Warbler 1, Ovenbird 18, Louisiana Waterthrush 6, Kentucky Warbler 3, Common Yellowthroat 12, Hooded Warbler 3, Wilson's Warbler 1, Yellow-breasted Chat 8, Summer Tanager 13, Scarlet Tanager 1, Northern Cardinal 26, Blue Grosbeak 20, Indigo Bunting 33, Rufous-sided Towhee 14, Chipping Sparrow 14, Field Sparrow 10, Grasshopper Sparrow 2, Bobolink 3, Red-winged Blackbird 9, Eastern Meadowlark 12, Common Grackle 135, Brown-headed Cowbird 16, Orchard Oriole 15, House Finch 5, American Goldfinch 13, House Sparrow 11.

Total: 109 species, 1287 individuals.

County Compiler: Veronica Pantelidis, 106 Lakeview Dr., Greenville, NC 27858. Participants: Larry Auld, Karen Baldwin, Frank Enders, Ernest Marshall, Veronica Pantelidis, Patricia Tyndall, Russ Tyndall.

**Polk County, NC.** 0853 to 2112. Weather: temperature 52°–65°; wind calm AM, 5 mph PM; clouds 0-30% AM, 100% PM; precipitation none AM,

light rain at dusk. Regular: 5 observers in 3 parties; regular hours foot 1; regular hours car 11; regular miles foot 1; regular miles car 122. Night (Owling ): 2 observers in 1 party; night hours 1; night miles 10. No Stationary parties. No Feeder Watchers. County summary: 13 party hours; 133 party miles, 5 participants.

Canada Goose 13, Turkey Vulture 6, Broad-winged Hawk 1, Red-tailed Hawk 1, Northern Bob-white 4, Killdeer 5, Spotted Sandpiper 1, Mourning Dove 34, Black-billed Cuckoo 1, Yellow-billed Cuckoo 3, Chuck-Will's Widow 1, Whip-poor-will 5, Chimney Swift 38, Ruby-throated Hummingbird 2, Red-bellied Woodpecker 2, Downy Woodpecker 4, Hairy Woodpecker 3, Pileated Woodpecker 5, Eastern Wood Pewee 9, Acadian Flycatcher 2, Eastern Phoebe 14, Eastern Kingbird 4, Purple Martin 7, Northern Rough-winged Swallow 6, Barn Swallow 35, Blue Jay 7, American Crow 25, Carolina Chickadee 14, Tufted Titmouse 14, Carolina Wren 20, Blue-gray Gnatcatcher 15, Eastern Bluebird 37, Wood Thrush 10, American Robin 28, Gray Catbird 10, Northern Mockingbird 14, Brown Thrasher 8, Cedar Waxwing 36, Loggerhead Shrike 1, European Starling 20, Solitary Vireo 6, Yellow-throated Vireo 5, Red-eyed Vireo 37, Vireo sp. 2, Northern Parula 1, Yellow Warbler 2, Chestnut-sided Warbler 2, Magnolia Warbler 2, Cape May Warbler 1, Black-throated Blue Warbler 2, Black-throated Green Warbler 7, Blackburnian Warbler 1, Yellow-throated Warbler 2, Pine Warbler 11, Prairie Warbler 3, Blackpoll Warbler 3, Cerulean Warbler 2, Black & White Warbler 7, American Redstart 12, Ovenbird 3, Louisiana Waterthrush 8, Kentucky Warbler 6, Common Yellowthroat 13, Hooded Warbler 12, Yellow-breasted Chat 6, Summer Tanager 1, Scarlet Tanager 11, Northern Cardinal 30, Rose-breasted Grosbeak 3, Blue Grosbeak 6, Indigo Bunting 55, Rufous-sided Towhee 20, Chipping Sparrow 6, Field Sparrow 4, Grasshopper Sparrow 5, Song Sparrow 10, Bobolink 11, Red-winged Blackbird 14, Eastern Meadowlark 18, Common Grackle 54, Brown-headed Cowbird 7, Orchard Oriole 4, Northern Oriole 4, House Finch 11, American Goldfinch 11, House Sparrow 1.

Total: 85 species, 907 individuals (901 regular, 6 night).

County Compiler: Simon R. B. Thompson, 11 Thermal View Dr., Tryon, NC 28782.

Participants: Larry Farer, Wayne Forsythe, Martha Frederick, Pam Thompson, Simon Thompson.

**Transylvania County, NC.** 0700 to 1700. Weather: temperature not reported; wind calm; cloudy PM; no precipitation. Regular: 26 observers in 13 parties; regular hours foot 31; regular hours car 54; regular miles foot 12; regular miles car 343. No Night (Owling) parties. Stationary: 11 observers in 8 parties, stationary hours 35:30. No Feeder Watchers. County summary: 120:30 party hours; 355 party miles, 36 participants.

Great Blue Heron 2, Green Heron 2, Canada Goose 29, Wood Duck 29, American Black Duck 2, Mallard 37, Black Vulture 4, Turkey Vulture 28,

Broad-winged Hawk 2, Red-tailed Hawk 3, American Kestrel 2, Peregrine Falcon 2, Ruffed Grouse 4, Northern Bob-white 15, Killdeer 11 (1 Stationary, 10 regular), Spotted Sandpiper 1, Rock Dove 3, Mourning Dove 144 (15 Stationary, 129 regular), Black-billed Cuckoo 1, Yellow-billed Cuckoo 11, Eastern Screech-Owl 1, Whip-poor-will 1 (night), Chimney Swift 87 (8 Stationary, 79 regular), Ruby-throated Hummingbird 21 (8 Stationary, 13 regular), Belted Kingfisher 11 regular), Red-bellied Woodpecker 20 (1 Stationary, 19 regular), Yellow-bellied Sapsucker 2, Downy Woodpecker 26 (14 Stationary, 12 regular), Hairy Woodpecker 6 (4 Stationary, 2 regular), Northern Flicker 23 (2 Stationary, 21 regular), Pileated Woodpecker 38 (6 Stationary, 32 regular), Eastern Wood Pewee 11 (1 Stationary, 10 regular), Acadian Flycatcher 25, Alder Flycatcher 1, Willow Flycatcher 12, Least Flycatcher 2, Eastern Phoebe 83 (5 Stationary, 78 regular), Great-crested Flycatcher 18, Eastern Kingbird 6, Tree Swallow 2, Northern Rough-winged Swallow 52, Barn Swallow 154 (2 Stationary, 152 regular), Blue Jay 115 (17 Stationary, 98 regular), American Crow 292 (22 Stationary, 270 regular), Common Raven 1, Carolina Chickadee 155 (12 Stationary, 143 regular), Tufted Titmouse 109 (16 Stationary, 93 regular), Red-breasted Nuthatch 2, White-breasted Nuthatch 19 (6 Stationary, 13 regular), Brown Creeper 2, Carolina Wren 111 (4 Stationary, 107 regular), House Wren 18 (1 Stationary, 17 regular), Winter Wren 3, Golden-crowned Kinglet 7, Blue-gray Gnatcatcher 14 (1 Stationary, 13 regular), Eastern Bluebird 17 (7 Stationary, 70 regular), Veery 4, Wood Thrush 59 (1 Stationary, 58 regular), American Robin 320 (8 Stationary, 312 regular), Gray Catbird 83 (2 Stationary, 81 regular), Northern Mockingbird 19 (1 Stationary, 18 regular), Brown Thrasher 69 (6 Stationary, 63 regular), Cedar Waxwing 35, European Starling 212 (11 Stationary, 201 regular), White-eyed Vireo 12 (1 Stationary, 11 regular), Solitary Vireo 38, Yellow-throated Vireo 2, Red-eyed Vireo 119, Tennessee Warbler 3, Northern Parula 103 (1 Stationary, 102 regular), Yellow Warbler 27, Chestnut-sided Warbler 90, Magnolia Warbler 4, Cape May Warbler 2, Black-throated Blue Warbler 44, Yellow-rumped Warbler 10, Black-throated Green Warbler 29, Blackburnian Warbler 16, Yellow-throated Warbler 10 (1 Stationary, 9 regular), Pine Warbler 5, Prairie Warbler 2, Palm Warbler 1, Bay-breasted Warbler 1, Blackpoll Warbler 10 (1 Stationary, 9 regular), Black & White Warbler 30 (2 Stationary, 28 regular), American Redstart 14 (1 Stationary, 13 regular), Worm-eating Warbler 6 (1 Stationary, 5 regular), Swainson's Warbler 1, Ovenbird 68, Northern Waterthrush 1, Louisiana Waterthrush 6 (1 Stationary, 5 regular), Kentucky Warbler 3, Common Yellowthroat 35 (1 Stationary, 34 regular), Hooded Warbler 80, Canada Warbler 13, Yellow-breasted Chat 1, Summer Tanager 3, Scarlet Tanager 46 (1 Stationary, 45 regular), Northern Cardinal 166 (10 Stationary, 156 regular), Rose-breasted Grosbeak 6 (1 Stationary, 5 regular), Blue Grosbeak 1, Indigo Bunting 123, Rufous-sided Towhee 254 (13 Stationary, 241 regular), Chipping Sparrow 41 (4 Stationary, 37 regular), Field Sparrow 8, Song Sparrow 305 (9 Stationary, 296 regular), White-crowned Sparrow 3, Dark-eyed Junco 51, Bobolink 1, Red-winged Blackbird 103 (1 Stationary, 102 regular),



Eastern Meadowlark 16, Rusty Blackbird 2, Common Grackle 135 (6 Stationary, 129 regular), Brown-headed Cowbird 31, Northern Oriole 2, House Finch 63 (16 Stationary, 47 regular), American Goldfinch 165 (21 Stationary, 144 regular), House Sparrow 13 (2 Stationary, 11 regular).

Total: 118 species, 4984 individuals (4707 regular, 1 night, 276 stationary).

County Compiler: Norma Siebenheller, 187 Glen Cannon Dr., Pisgah Forest, NC 28768.

Participants: Elaine Badger, Dick Blee, Pat Bohan, Jack Bronson, Midge Bronson, Peggy Franklin, Elizabeth Galloway, Jeanne Grimmenga, Ed Hathaway, Dorothy Hollis, Bill Hough, Jean Hough, Jack Hudson, Betty Jones, Morgan Jones, Ruth Klock, Mary Ellen Lindley, Betty McIlwain, Carolyn Mills, Rick Mills, Susan Mitchell, Ellen Nadler, Erika Parmi, Cliff Petitt, Florence Rogers, Mary Sauerteig, Harry Sherwood, Mary Sherwood, Bill Siebenheller, Norma Siebenheller, Connie Updike, George Updike, Dick Walker, Mary Walker, Laurie Wauchope, Genevieve Youcis.

**Wilkes County, NC.** 0700 to 2000. Weather: temperature 50°–60°; wind calm; clouds 70–100% AM, 100% PM; precipitation 0 AM, rain PM. No Regular parties. No Night (Owling) parties. Stationary: 1 observer in 1 party; stationary hours 3. Feeder Watching: 2 feeder watchers observing 6 feeding stations; feeder watching hours 10. County summary: 13 party hours; 0 party miles, 2 participants.

Mourning Dove 20 (feeder), Chimney Swift 20 (feeder), Ruby-throated Hummingbird 4 (feeder), Red-bellied Woodpecker 2 (feeder), Downy Woodpecker 4 (2 stationary, 2 feeder), Hairy Woodpecker 1 (stationary), Pileated Woodpecker 2 (stationary), Blue Jay 4, American Crow 16 (stationary), Tufted Titmouse 5 (feeder), White-breasted Nuthatch 2 (feeder), Carolina Wren 1 (feeder), House Wren 1 (stationary), American Robin 1 (stationary), Gray Catbird 1 (stationary), Pine Warbler 3 (stationary), Northern Cardinal 16 (feeder), Indigo Bunting 1 (feeder), Rufous-sided Towhee 3 (stationary), Chipping Sparrow 10 (feeder).

Total: 20 species, 117 individuals (30 stationary, 87 feeder).

County Compiler: James H. Coman III, Rt. 1, Box 182, Piney Creek, NC 28663.

Participants: Edith Anderson, Ruth McRary.

#### REFERENCE

NAMC Newsletter #2, January, 1994