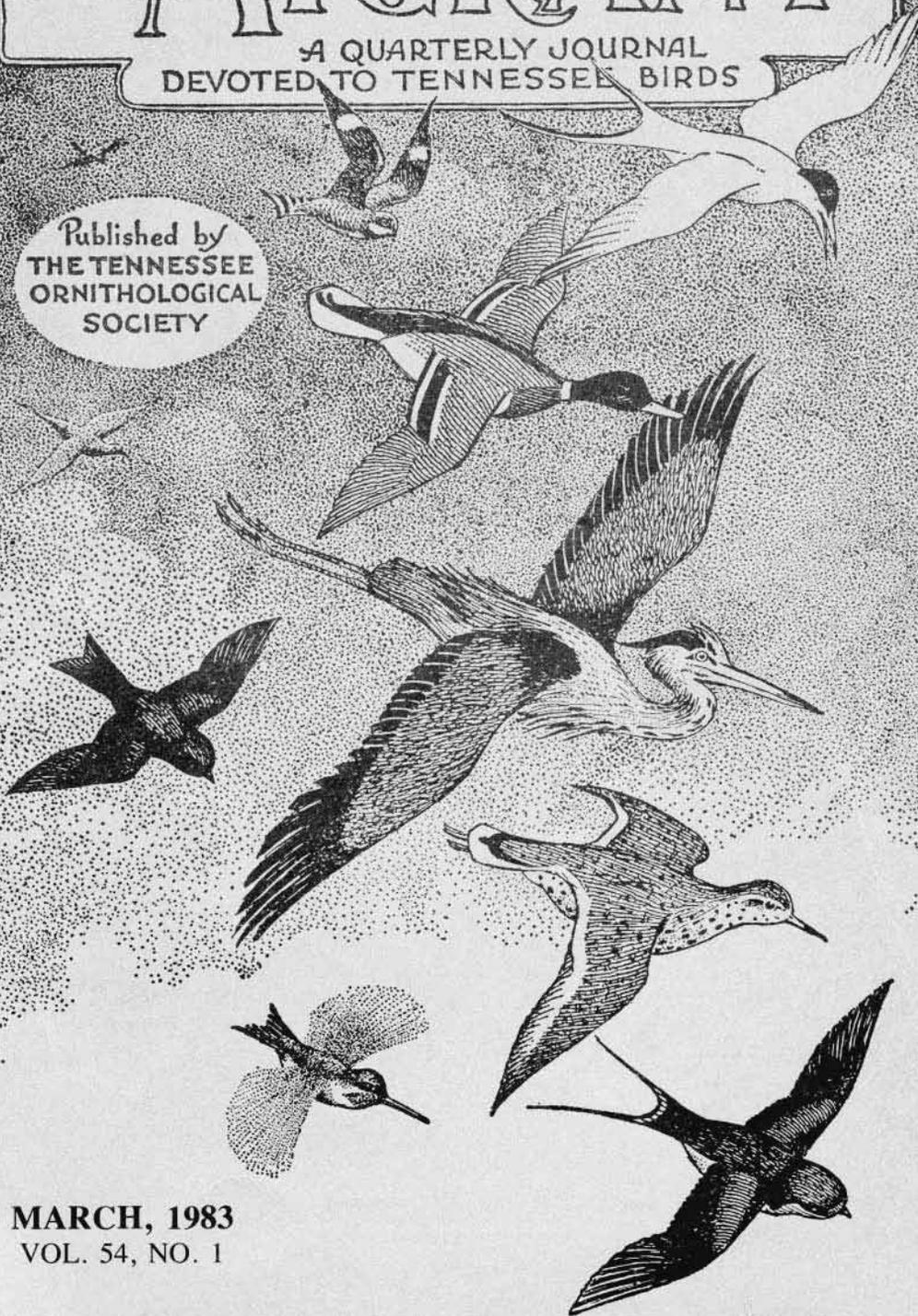


THE MIGRANT

A QUARTERLY JOURNAL
DEVOTED TO TENNESSEE BIRDS

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MARCH, 1983

NO. 1

RECENT CHANGES IN THE TAXONOMY OF TENNESSEE BIRDS

CHARLES P. NICHOLSON

The recently published Sixth Edition of the *Check-list of North American Birds* (American Ornithologist's Union 1983, Allen Press, Lawrence, Kansas) is the new standard for the order of species, accepted names, and ranges of North American birds. As in previous editions and supplements, there are many changes in the taxonomy, English names, and sequence of species. The Sixth Edition differs from previous checklists by including the birds of Central America, the Caribbean, and Hawaii, and by not including accounts of subspecies. This article discusses changes in the new checklist as they relate to birds on the new official Tennessee list (Nicholson, *Migrant* 54:2-5, 1983) (following article).

The scientific names of some species have been changed at the generic level, and at the species level through the "lumping" and "splitting" of species. Taxonomic changes at the species level do not affect the number of species on the Tennessee list. Several changes were made in the families and subfamilies of passerines, and the arrangement of species in many families was changed to better reflect the relationships among the species. These changes are incorporated in the new Tennessee list.

English name changes were made to reflect changes in taxonomy, to conform to other English names in usage elsewhere, to formalize the use of previously introduced English names, or to distinguish North American species from similarly-named species in other parts of the world. These new names reflect a move toward a standardized worldwide list of English names for birds. Many of the changes consist of the addition of a modifier such as "Northern" or "American." In other cases, English generic names have been made into compounds by hyphenation (e.g., Night-Heron). These changes are also evident in the adjoining list. The only changes in English names which may not be familiar to readers of *The Migrant* are the following:

<i>Former Name</i>	<i>Present Name</i>
Harcourt's Storm-Petrel	Band-rumped Storm-Petrel
Louisiana Heron	Tricolored Heron
Green Heron	Green-backed Heron
Whistling Swan	Tundra Swan
Common Gallinule	Common Moorhen
Common Flicker	Northern Flicker
Short-billed Marsh Wren	Sedge Wren
Long-billed Marsh Wren	Marsh Wren

The changes introduced in the Sixth Edition checklist are adopted in this issue and will be used in the following issues of *The Migrant*.

P. O. Box 402, Norris, TN 37828.

THE OFFICIAL LIST OF TENNESSEE BIRDS

CHARLES P. NICHOLSON

In the fall of 1982, the Certification Committee of the Tennessee Ornithological Society was formed. Since then, the committee has assembled the following official list of Tennessee birds. Birds were placed on the list of confirmed species if the Committee determined (1) that there was extant either a verified skin, photograph, or sound recording of the species from Tennessee, or (2) that 3 independent observations of the species in the state had been satisfactorily documented. In the absence of such evidence, a species was considered to be of provisional status until such evidence is obtained.

Certification committee members include Martha Waldron, Pat Stallings, and James Tanner. David Pitts, Katherine Goodpasture, and Rick Knight are alternates, and Charles Nicholson is ex-officio chairman.

The bird species included on this list are those reported in Tennessee since ornithological exploration of the state began in the 1800's. A few additional species are known from archaeological evidence to have occurred in the state. These have been discussed by Parmalee and Klippel (1982), Corgan (1974), and others. Confirmed species appear in the following list without annotation. Provisional species are noted by (P) following the English name of the species. Species extirpated from Tennessee or extinct are noted by (E), and (I) denotes non-native species successfully established in Tennessee. Taxonomy follows AOU (1983), and the list is divided by families.

- | | |
|--|---|
| Red-throated Loon, <i>Gavia stellata</i> | Fulvous Whistling-Duck, <i>Dendrocygna bicolor</i> |
| Common Loon, <i>Gavia immer</i> | Black-bellied Whistling-Duck, <i>Dendrocygna autumnalis</i> |
| Pied-billed Grebe, <i>Podilymbus podiceps</i> | Tundra Swan, <i>Cygnus columbianus</i> |
| Horned Grebe, <i>Podiceps auritus</i> | Trumpeter Swan (E), <i>Cygnus buccinator</i> |
| Red-necked Grebe, <i>Podiceps grisegena</i> | Greater White-fronted Goose, <i>Anser albifrons</i> |
| Eared Grebe, <i>Podiceps nigricollis</i> | Snow Goose, <i>Chen caerulescens</i> |
| Western Grebe, <i>Aechmophorus occidentalis</i> | Brant, <i>Branta bernicula</i> |
| Band-rumped Storm-Petrel, <i>Oceanodroma castro</i> | Barnacle Goose, <i>Branta leucopsis</i> |
| American White Pelican, <i>Pelecanus erythrorhynchos</i> | Canada Goose, <i>Branta canadensis</i> |
| Brown Pelican, <i>Pelecanus occidentalis</i> | Wood Duck, <i>Aix sponsa</i> |
| Double-crested Cormorant, <i>Phalacrocorax auritus</i> | Green-winged Teal, <i>Anas crecca</i> |
| Anhinga, <i>Anhinga anhinga</i> | American Black Duck, <i>Anas rubripes</i> |
| American Bittern, <i>Botaurus lentiginosus</i> | Mallard, <i>Anas platyrhynchos</i> |
| Least Bittern, <i>Ixobrychus exilis</i> | Northern Pintail, <i>Anas acuta</i> |
| Great Blue Heron, <i>Ardea herodias</i> | Garganey, <i>Anas querquedula</i> |
| Great Egret, <i>Casmerodius albus</i> | Blue-winged Teal, <i>Anas discors</i> |
| Snowy Egret, <i>Egretta thula</i> | Cinnamon Teal, <i>Anas cyanoptera</i> |
| Little Blue Heron, <i>Egretta caerulea</i> | Northern Shoveler, <i>Anas clypeata</i> |
| Tricolored Heron, <i>Egretta tricolor</i> | Gadwall, <i>Anas strepera</i> |
| Cattle Egret, <i>Bubulcus ibis</i> | Eurasian Wigeon, <i>Anas penelope</i> |
| Green-backed Heron, <i>Butorides striatus</i> | American Wigeon, <i>Anas americana</i> |
| Black-crowned Night-Heron, <i>Nycticorax nycticorax</i> | Canvasback, <i>Aythya valisineria</i> |
| Yellow-crowned Night-Heron, <i>Nycticorax violaceus</i> | Redhead, <i>Aythya americana</i> |
| White Ibis, <i>Eudocimus albus</i> | Ring-necked Duck, <i>Aythya collaris</i> |
| Glossy Ibis (P), <i>Plegadis falcinellus</i> | Greater Scaup, <i>Aythya marila</i> |
| White-faced Ibis (P), <i>Plegadis chihi</i> | Lesser Scaup, <i>Aythya affinis</i> |
| Roseate Spoonbill (P), <i>Ajaja ajaja</i> | King Eider, <i>Somateria spectabilis</i> |
| Wood Stork, <i>Mycteria americana</i> | Oldsquaw, <i>Clangula hyemalis</i> |
| | Black Scoter, <i>Melanitta nigra</i> |
| | Surf Scoter, <i>Melanitta perspicillata</i> |
| | White-winged Scoter, <i>Melanitta fusca</i> |
| | Common Goldeneye, <i>Bucephala clangula</i> |
| | Barrow's Goldeneye (P), <i>Bucephala islandica</i> |
| | Bufflehead, <i>Bucephala albeola</i> |

Hooded Merganser, *Lophodytes cucullatus*
 Common Merganser, *Mergus merganser*
 Red-breasted Merganser, *Mergus serrator*
 Ruddy Duck, *Oxyura jamaicensis*
 Masked Duck, *Oxyura dominica*

Black Vulture, *Coragyps atratus*
 Turkey Vulture, *Cathartes aura*

Osprey, *Pandion haliaetus*
 American Swallow-tailed Kite, *Elanoides forficatus*
 Mississippi Kite, *Ictinia mississippiensis*
 Bald Eagle, *Haliaeetus leucocephalus*
 Northern Harrier, *Circus cyaneus*
 Sharp-shinned Hawk, *Accipiter striatus*
 Cooper's Hawk, *Accipiter cooperii*
 Northern Goshawk, *Accipiter gentilis*
 Red-shouldered Hawk, *Buteo lineatus*
 Broad-winged Hawk, *Buteo platypterus*
 Swainson's Hawk (P), *Buteo swainsoni*
 Red-tailed Hawk, *Buteo jamaicensis*
 Rough-legged Hawk, *Buteo lagopus*
 Golden Eagle, *Aquila chrysaetos*

American Kestrel, *Falco sparverius*
 Merlin, *Falco columbarius*
 Peregrine Falcon, *Falco peregrinus*
 Prairie Falcon, *Falco mexicanus*

Ring-necked Pheasant (I), *Phasianus colchicus*
 Ruffed Grouse, *Bonasa umbellus*
 Greater Prairie Chicken (E), *Tympanuchus cupido*
 Wild Turkey, *Meleagris gallopavo*
 Northern Bobwhite, *Colinus virginianus*

Yellow Rail, *Coturnicops noveboracensis*
 Black Rail, *Latterallus jamaicensis*
 King Rail, *Rallus elegans*
 Virginia Rail, *Rallus limicola*
 Sora, *Porzana carolina*
 Purple Gallinule, *Porphyryla martinica*
 Common Moorhen, *Gallinula chloropus*
 American Coot, *Fulica americana*
 Caribbean Coot, *Fulica caribaea*

Limpkin, *Aramus guarauna*

Sandhill Crane, *Grus canadensis*

Black-bellied Plover, *Pluvialis squatarola*
 Lesser Golden-Plover, *Pluvialis dominica*
 Snowy Plover, *Charadrius alexandrinus*
 Semipalmated Plover, *Charadrius semipalmatus*
 Piping Plover, *Charadrius melodus*
 Killdeer, *Charadrius vociferus*

Black-necked Stilt, *Himantopus mexicanus*
 American Avocet, *Recurvirostra americana*

Greater Yellowlegs, *Tringa melanoleuca*
 Lesser Yellowlegs, *Tringa flavipes*
 Solitary Sandpiper, *Tringa solitaria*
 Willet, *Catoptrophorus semipalmatus*
 Spotted Sandpiper, *Actitis macularia*
 Upland Sandpiper, *Bartramia longicauda*
 Whimbrel, *Numenius borealis*
 Hudsonian Godwit, *Limosa haemastica*
 Marbled Godwit, *Limosa fedoa*
 Ruddy Turnstone, *Arenaria interpres*
 Red Knot, *Calidris canutus*
 Sanderling, *Calidris alba*
 Semipalmated Sandpiper, *Calidris pusilla*

Western Sandpiper, *Calidris mauri*
 Least Sandpiper, *Calidris minutilla*
 White-rumped Sandpiper, *Calidris fuscicollis*
 Baird's Sandpiper, *Calidris bairdii*
 Pectoral Sandpiper, *Calidris melanotos*
 Purple Sandpiper, *Calidris maritima*
 Dunlin, *Calidris alpina*
 Stilt Sandpiper, *Calidris himantopus*
 Buff-breasted Sandpiper, *Tryngites subruficollis*
 Ruff (P), *Philomachus pugnax*
 Short-billed Dowitcher, *Limnodromus griseus*
 Long-billed Dowitcher, *Limnodromus scolopaceus*
 Common Snipe, *Gallinago gallinago*
 American Woodcock, *Scolopax minor*
 Wilson's Phalarope, *Phalaropus tricolor*
 Red-necked Phalarope, *Phalaropus lobatus*
 Red Phalarope, *Phalaropus fulicaria*

Laughing Gull, *Larus atricilla*
 Franklin's Gull, *Larus pipixcan*
 Bonaparte's Gull, *Larus philadelphia*
 Ring-billed Gull, *Larus delawarensis*
 Herring Gull, *Larus argentatus*
 Iceland Gull (P), *Larus glaucoideus*
 Glaucous Gull, *Larus hyperboreus*
 Great Black-backed Gull (P), *Larus marinus*
 Black-legged Kittiwake, *Rissa tridactyla*
 Caspian Tern, *Sterna caspia*
 Common Tern, *Sterna hirundo*
 Forster's Tern, *Sterna forsteri*
 Least Tern, *Sterna antillarum*
 Sooty Tern (P), *Sterna fuscata*
 Black Tern, *Chlidonias niger*
 Black Skimmer (P), *Rynchops niger*

Rock Dove (I), *Columba livia*
 Band-tailed Pigeon (P), *Columba fasciata*
 Mourning Dove, *Zenaidura macroura*
 Passenger Pigeon (E), *Ectopistes migratorius*
 Common Ground-Squirrel, *Columbina passerina*

Monk Parakeet (I), *Myiostitta monachus*
 Carolina Parakeet (E), *Conuropsis carolinensis*

Black-billed Cuckoo, *Coccyzus erythrophthalmus*
 Yellow-billed Cuckoo, *Coccyzus americanus*
 Groove-billed Ani, *Crotophaga sulcirostris*

Common Barn-Owl, *Tyto alba*

Eastern Screech-Owl, *Otus asio*
 Great Horned Owl, *Bubo virginianus*
 Snowy Owl, *Nyctea scandiaca*
 Barred Owl, *Strix varia*
 Long-eared Owl, *Asio otus*
 Short-eared Owl, *Asio flammeus*
 Northern Saw-whet Owl, *Aegolius acadicus*

Common Nighthawk, *Chordeiles minor*
 Chuck-will's-widow, *Caprimulgus carolinensis*
 Whip-poor-will, *Caprimulgus vociferus*

Chimney Swift, *Chaetura pelagica*

Ruby-throated Hummingbird, *Archilochus colubris*

Belted Kingfisher, *Ceryle alcyon*

Red-headed Woodpecker, *Melanerpes erythrocephalus*
 Red-bellied Woodpecker, *Melanerpes carolinus*
 Yellow-bellied Sapsucker, * *Sphyrapicus varius*
 Downy Woodpecker, *Picoides pubescens*
 Hairy Woodpecker, *Picoides villosus*
 Red-cockaded Woodpecker, *Picoides borealis*

* Text corrected from woodpecker

Northern Flicker, *Colaptes auratus*
Pileated Woodpecker, *Dryocopus pileatus*

Olive-sided Flycatcher, *Contopus borealis*
Eastern Wood-Pewee, *Contopus virens*
Yellow-bellied Flycatcher, *Empidonax flaviventris*
Acadian Flycatcher, *Empidonax virescens*
Alder Flycatcher, *Empidonax alnorum*
Willow Flycatcher, *Empidonax traillii*
Least Flycatcher, *Empidonax minimus*
Eastern Phoebe, *Sayornis phoebe*
Vermilion Flycatcher, *Pyrocephalus rubinus*
Great Crested Flycatcher, *Myiarchus cinerascens*
Western Kingbird, *Tyrannus verticalis*
Eastern Kingbird, *Tyrannus tyrannus*
Scissor-tailed Flycatcher, *Tyrannus forficatus*

Horned Lark, *Eremophila alpestris*

Purple Martin, *Progne subis*
Tree Swallow, *Tachycineta bicolor*
Northern Rough-winged Swallow, *Stelgidopteryx serripennis*
Bank Swallow, *Riparia riparia*
Cliff Swallow, *Hirundo pyrrhonota*
Barn Swallow, *Hirundo rustica*

Blue Jay, *Cyanocitta cristata*
American Crow, *Corvus brachyrhynchos*
Fish Crow, *Corvus ossifragus*
Common Raven, *Corvus corax*

Black-capped Chickadee, *Parus atricapillus*
Carolina Chickadee, *Parus carolinensis*
Tufted Titmouse, *Parus bicolor*

Red-breasted Nuthatch, *Sitta canadensis*
White-breasted Nuthatch, *Sitta carolinensis*
Brown-headed Nuthatch, *Sitta pusilla*

Brown Creeper, *Certhia americana*

Rock Wren, *Salpinctes obsoletus*
Carolina Wren, *Thryothorus ludovicianus*
Bewick's Wren, *Thyromanus bewickii*
House Wren, *Troglodytes aedon*
Winter Wren, *Troglodytes troglodytes*
Sedge Wren, *Cistothorus platensis*
Marsh Wren, *Cistothorus palustris*

Golden-crowned Kinglet, *Regulus satrapa*
Ruby-crowned Kinglet, *Regulus calendula*
Blue-gray Gnatcatcher, *Poliophtila caerulea*
Eastern Bluebird, *Sialia sialis*
Veery, *Catharus fuscescens*
Gray-cheeked Thrush, *Catharus minimus*
Swainson's Thrush, *Catharus ustulatus*
Hermit Thrush, *Catharus guttatus*
Wood Thrush, *Hylocichla ustulata*
American Robin, *Turdus migratorius*

Gray Catbird, *Dumetella carolinensis*
Northern Mockingbird, *Mimus polyglottos*
Brown Thrasher, *Toxostoma rufum*

Water Pipit, *Anthus spinoletta*
Sprague's Pipit, *Anthus spragueii*

Cedar Waxwing, *Bombycilla cedrorum*

Northern Shrike, *Lanius excubitor*
Loggerhead Shrike, *Lanius ludovicianus*

European Starling (I), *Sturnus vulgaris*

White-eyed Vireo, *Vireo griseus*
Bell's Vireo, *Vireo bellii*
Solitary Vireo, *Vireo solitarius*
Yellow-throated Vireo, *Vireo flavifrons*
Warbling Vireo, *Vireo gilvus*
Philadelphia Vireo, *Vireo philadelphicus*
Red-eyed Vireo, *Vireo olivaceus*

Blue-winged Warbler, *Vermivora pinus*
Golden-winged Warbler, *Vermivora chrysoptera*
Tennessee Warbler, *Vermivora peregrina*
Orange-crowned Warbler, *Vermivora celata*
Nashville Warbler, *Vermivora ruficapilla*
Northern Parula, *Parula americana*
Yellow Warbler, *Dendroica petechia*
Chestnut-sided Warbler, *Dendroica pensylvanica*
Magnolia Warbler, *Dendroica magnolia*
Cape May Warbler, *Dendroica tigrina*
Black-throated Blue Warbler, *Dendroica caerulescens*
Yellow-rumped Warbler, *Dendroica coronata*
Black-throated Gray Warbler, *Dendroica nigrescens*
Black-throated Green Warbler, *Dendroica virens*
Blackburnian Warbler, *Dendroica fusca*
Yellow-throated Warbler, *Dendroica dominica*
Pine Warbler, *Dendroica pinus*
Kirtland's Warbler (P), *Dendroica kirtlandii*
Prairie Warbler, *Dendroica discolor*
Palm Warbler, *Dendroica palmarum*
Bay-breasted Warbler, *Dendroica castanea*
Blackpoll Warbler, *Dendroica striata*
Cerulean Warbler, *Dendroica cerulea*
Black-and-white Warbler, *Mniotilta varia*
American Redstart, *Setophaga ruticilla*
Prothonotary Warbler, *Protonotaria citrea*
Worm-eating Warbler, *Helminthophila nigrescens*
Swainson's Warbler, *Limothlypis swainsonii*
Ovenbird, *Seiurus aurocapillus*
Northern Waterthrush, *Seiurus noveboracensis*
Louisiana Waterthrush, *Seiurus motacilla*
Kentucky Warbler, *Oporornis formosus*
Connecticut Warbler, *Oporornis agilis*
Mourning Warbler, *Oporornis philadelphia*
Common Yellowthroat, *Geothlypis trichas*
Hooded Warbler, *Wilsonia citrina*
Wilson's Warbler, *Wilsonia pusilla*
Canada Warbler, *Wilsonia canadensis*
Yellow-breasted Chat, *Icteria virens*
Summer Tanager, *Piranga rubra*
Scarlet Tanager, *Piranga olivacea*
Western Tanager (P), *Piranga ludoviciana*
Northern Cardinal, *Cardinalis cardinalis*
Rose-breasted Grosbeak, *Pheucticus ludovicianus*
Black-headed Grosbeak, *Pheucticus melanocephalus*
Blue Grosbeak, *Gairaca caerulea*
Indigo Bunting, *Passerina cyanea*
Painted Bunting, *Passerina ciris*
Dickcissel, *Spiza americana*
Green-tailed Towhee, *Pipilo chlorurus*
Rufous-sided Towhee, *Pipilo erythrophthalmus*
Bachman's Sparrow, *Aimophila aestivialis*
American Tree Sparrow, *Spizella arborea*
Chipping Sparrow, *Spizella passerina*
Clay-colored Sparrow (P), *Spizella pallida*
Field Sparrow, *Spizella pusilla*
Vesper Sparrow, *Pooecetes gramineus*
Lark Sparrow, *Chondestes grammacus*
Lark Bunting, *Calamospiza melanocorys*
Savannah Sparrow, *Passerculus sandwichensis*
Grasshopper Sparrow, *Ammodramus savaannarum*
Henslow's Sparrow, *Ammodramus henslowii*
Le Conte's Sparrow, *Ammodramus leconteii*
Sharp-tailed Sparrow, *Ammodramus caudacutus*

Fox Sparrow, *Passerella iliaca*
 Song Sparrow, *Melospiza melodia*
 Lincoln's Sparrow, *Melospiza lincolnii*
 Swamp Sparrow, *Melospiza georgiana*
 White-throated Sparrow, *Zonotrichia albicollis*
 White-crowned Sparrow, *Zonotrichia leucophrys*
 Harris' Sparrow, *Zonotrichia querula*
 Dark-eyed Junco, *Junco hyemalis*
 Lapland Longspur, *Calcarius lapponicus*
 Smith's Longspur, *Calcarius pictus*
 Snow Bunting, *Plectrophenax nivalis*
 Bobolink, *Dolichonyx oryzivorus*
 Red-winged Blackbird, *Agelaius phoeniceus*
 Eastern Meadowlark, *Sturnella magna*
 Western Meadowlark, *Sturnella neglecta*
 Yellow-headed Blackbird, *Xanthocephalus xanthocephalus*

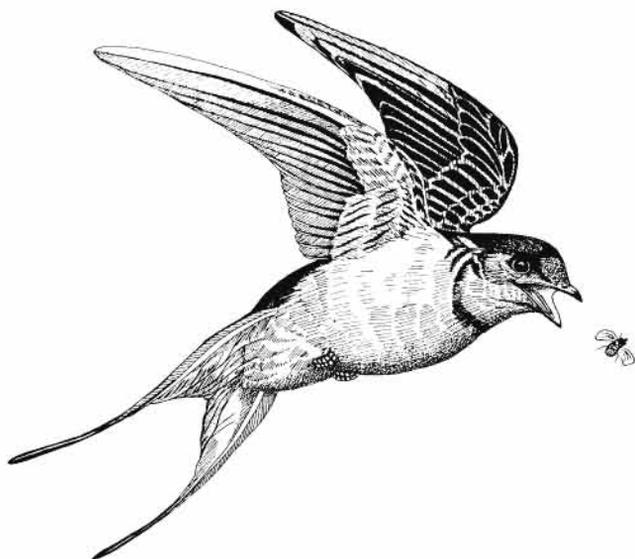
Rusty Blackbird, *Euphagus carolinus*
 Brewer's Blackbird, *Euphagus cyanocephalus*
 Common Grackle, *Quiscalus quiscula*
 Brown-headed Cowbird, *Molothrus ater*
 Orchard Oriole, *Icterus spurius*
 Northern Oriole, *Icterus galbula*

Purple Finch, *Carpodacus purpureus*
 House Finch (I), *Carpodacus mexicanus*
 Red Crossbill, *Loxia curvirostra*
 White-winged Crossbill, *Loxia leucoptera*
 Common Redpoll, *Carduelis flammea*
 Pine Siskin, *Carduelis pinus*
 American Goldfinch, *Carduelis tristis*
 Evening Grosbeak, *Coccothraustes vespertinus*

House Sparrow (I), *Passer domesticus*

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- P. O. Box 402, Norris, TN 37828.



THE 1982 CHRISTMAS BIRD COUNT

RICHARD L. KNIGHT

This year 138 species were recorded on 25 counts across Tennessee. The species total has been surpassed only in 1971 and 1978, which each totaled 139 species, and equals the 1977 count. The number of counts conducted was the most since 1974, which had 24. Duck River Unit TNWR and Duck River Reservoir are new counts, although DRR appeared in *American Birds* last year. The Norris count is making its first appearance in *The Migrant* since 1974.

Temperatures for the count period, and for late fall - early winter in general, were mild. Ten of 22 counts reporting temperatures reached 50°F or above, with two of those exceeding 60°F. Four counts reported rain. Unusually, no counts reported snow cover.

Water birds were well represented. Western Grebe is most notable. Probable record numbers of Killdeer were found at Hiwassee and Chattanooga. Forty-five cormorants at Duck River Unit TNWR is also a probable CBC record for Tennessee. At most places, duck numbers were lower than average, due in part to the mild weather.

Diurnal raptors were also well represented. Rough-legged Hawk was found on seven counts and Merlin on two.

The mild weather had perhaps its greatest influence among the passerines. Phoebe, Pine Warbler, and Chipping Sparrow appeared in higher than average numbers. Species lingering later than usual include Marsh and Sedge Wrens, Solitary Vireo, three warbler species, Rose-breasted Grosbeak, and Lincoln's Sparrow. Low numbers of Red-breasted Nuthatches, Cedar Waxwings (except in the Chattanooga area), and Pine Siskins plus the absence of Evening Grosbeaks (except one count period record) echo the findings of the Kentucky CBCs reported by H. E. Shadowen (*Kentucky Warbler* 59:3-12, 1983).

INFORMATION ON THE COUNTS

MEMPHIS — 19 Dec.; 0700 to 1700; clear; temp. 45 to 52°F; wind SW, 15-20 mph; 35 observers in 13 parties; 125 party hours (94 on foot, 31 by car); 195 party miles (74 on foot, 121 by car).

Diane & William Bean, Carolyn Bullock, Fred Carney, Tina Carpenter, Robert Casey, Ben & Lula Coffey (compilers — 672 N. Belvedere, Memphis 38107), Dollyann Daily, Julian Darlington, Fred Dickson, Helen Dinkelspiel, Jack Embury, Jim Ferguson, Bob Ford, William Fowler, Joe Guinn, Robert & Ginger Ilardi, Susan Keeton, David Kessler, Gerald Papachristou, George R. Payne, Bill & Rob Peeples, Ernest Restivo, Marshall Sklar, Arlo & Noreen Smith, Richard Taylor, Phillip Waldon, Martha Waldron, Bobby & Wendell Whittemore, Jeff Wilson.

Least Sandpipers and Dunlins were present from fall through early January. Solitary Vireo and Orange-crowned Warbler are occasional in winter. Rose-breasted Grosbeak was an immature male. House Finch was at a feeder throughout December for the third Shelby County record.

REELFOOT LAKE — 18 Dec.; 0630 to 1630; cloudy, light rain; wind NW, 10-15 mph; 16 observers in 6 parties; 48 party hours (16 on foot, 22 by car, 10 by boat); 380 party miles (13 on foot, 352 by car, 15 by boat).

Diane Bean, Robert Clemmons, Ben & Lula Coffey, Wendell Crews, Dollyann Daily, Guy Hogg, Ken Leggett, Don & Gina Manning (compilers — P. O. Box 550, Bells 38006), George R. Payne, David Pitts, Michel Todd, Wendell Whittemore, Jim Wigginton, J. R. Wilson.

Five of the Snow Geese were of the blue form. The Golden Eagle was an adult. Sixty of the Bald Eagles were adults. Good details submitted for Bewick's Wren, Common Yellowthroat, and Vesper Sparrow.

DUCK RIVER UNIT, TENNESSEE NATIONAL WILDLIFE REFUGE — 31 Dec.; 0545 to 1715; clear to partly cloudy; temp. 25 to 48°F; wind calm; 5 observers in 2 parties; 19.5 party hours (10 on foot, 9.5 by car) plus 2.25 owling; 73 party miles (5 on foot, 68 by car).

Michael Bierly (compiler — 3825 Bedford Ave., Nashville 37215), Craig Empson, Tom Harston, Rocky Milburn, Jim Snapper.

250 of the Snow Geese were of the blue form. Seven of the Bald Eagles were adults. Common Yellowthroat was a male. Seen during count period: Horned Grebe, Common Snipe, Yellow-rumped Warbler.

BUFFALO RIVER — 29 Dec.; 0500 to 1700; partly cloudy; temp. 36 to 42°F; wind N, 0-10 mph; 13 observers in 5 parties; 50 party hours (10 on foot, 40 by car) plus 1 owling; 244 party miles (19 on foot, 225 by car) plus 2 owling.

David Beckman; Helen & Lloyd Clayton (compilers — Rt. 4, Box 175A, Lawrenceburg 38464); Bill Egley; Chester & Dot McConnell; Royce Neidert; Mark Reeves; Dennis Romans; Damien, Dawn & Don Simbeck; Wylie Willis.

CLARKSVILLE — 18 Dec.; mostly cloudy; temp. 28 to 36°F; 32 observers, 16 in 5 parties plus 16 at feeders.

Joe Allen, Ginny Clark, Barbara Cratty, Melinda Filson, Mike Filson (compiler — ?), Floyd Ford, Marian Greer, Scott Gunn, Phila Hach, Juanita Harris, Bill Hudson, Nancy Hughes, Ellen Hutchison, Mary Jackson, David Joiner, John Koons, Thurston Lee, Bill & Gloria Milliken, Hallena Minniehan, Evelyn Nixon, Edwin Peck, John Quick, Linda Richardson, Mary E. Rubel, Besse Sharpe, Ed Sullivan, Ellen & Woodrow Walker, Barbara Wilbur, Chris Wilson.

No details submitted for the Rough-legged Hawk.

ASHLAND CITY — 18 Dec.; 0430 to 1730; partly cloudy to overcast; temp. 27 to 54°F; wind S, 15-20 mph; 19 observers in 6 parties.

Jan Alexander, Jerry Drewry, John Ellis, Curtis Evans, Bill & Lucy Finch, Tom Harston, Margaret Mann, Rocky Milburn, Martha Patterson, Larry Raye, Betty Richards, Jim Snapper, Pat Stallings (compiler — 406 N. 17th St., Nashville 37206), Steve Stedman, Carol Stewart, Lawrence Trabue, David Vogt, Miriam Weinstein.

Good details submitted for the Rough-legged Hawk, Golden Eagle (immature), and LeConte's Sparrow (two parties). The Bald Eagle was an adult, and an immature was seen during the count period.

COLUMBIA — 18 Dec.; 0600 to 1700; mostly clear to overcast; temp. 30 to 50°F; wind S, 0-10 mph; 13 observers, 10 in 5 parties plus 3 at feeders; 41 party hours (13 on foot, 28 by car) plus 8 at feeders, 1 owling; 325 party miles (14 on foot, 311 by car) plus 3 owling.

Kenneth Anderson, William Fuqua, Daniel Gray, Phyllis Herrmann, William Jernigan, Allyn Lay, Anne & Bedford Lochridge, Mary Lyles, Cleo & George Mayfield Jr. (compilers — 999 Sunnyside Dr., Columbia 38401), Allen Pressnell, Mitzi Thornell.

No details submitted for the Rough-legged Hawk. Seen during count period: Rose-breasted Grosbeak (immature male).

DUCK RIVER RESERVOIR — 2 Jan.; overcast, intermittent rain; temp. 37 to 41°F; 17 observers, 15 in 9 parties plus 2 at feeders; 35.25 party hours (18.75 on foot, 14.5 by car, 2 by boat) plus 9 at feeders, 4.5 owling; 240.25 party miles (10.25 on foot, 226 by car, 4 by boat) plus 40 owling.

Kenneth Anderson; Nancy Beyer; Dot & Ed Byassee; Dan Gray; Dan Gray III; Bill Jernigan; Anne & Bedford Lochridge; Henry & Mary Lyles; George, Mark & Rad Mayfield; Allen Pressnell (compiler — Rt. 5, Box 261, Columbia 38401); Diane Pressnell; Mitzi Thornell.

No details submitted for the Rough-legged Hawk, Merlin, or Common Yellowthroat.

NASHVILLE — 26 Dec.; 0545 to 1700; fog, moderate to heavy rain with heavy flooding; temp. 55 to 65°F; wind S, 10 mph; 42 observers, 35 in 8-12 parties plus 7 at feeders; 88 party hours (45 on foot, 43 by car) plus 14 at feeders; 364 party miles (32 on foot, 332 by car).

Polly Clarke, Jean Cobb, Annella Creech, Deryk Davidson, Jerry Drewry, Clifton Dunn, Milbrey Dugger, John Ellis, Curtis Evans, Charles Farrell, Clara Fentress, John & Karen Filley, George Freeman, Katherine Goodpasture, Mary Ann & Tom Guschke, Barbara Harris, Bob Hatcher, Victor Janson, Victoria Janson, Adine Lyon, Margaret Mann, Jane Maynard, Rocky Milburn, Terry Murray, Marjorie & Oscar Patrick, Virginia Price, Sharon & Steve Rannels, Larry Raye, James Robertson, Jim Snapper, Pat Stallings, Helen Sterling, Ann Tarbell (compiler — 6033 Sherwood Dr., Nashville 37215), Dee Thompson, David Vogt, Miriam Weinstein, Cliff Whitehead, Hardy Wilcoxon.

Sedge Wren well described. Common Yellowthroat identified by "wichey-wichey" song only. Seen during count period: American Black Duck, Gadwall, Cooper's Hawk, Common Snipe, Great Horned Owl.

HICKORY-PRIEST — 1 Jan.; 0500 to 1700; cloudy; temp. 30 to 47°F; wind NE, 10 mph; 29 observers, 25 in 7 parties plus 4 at feeders.

Frances Abernathy; Jan Alexander; Linda Anderson; Annella Creech; Jerry Drewry; Milbrey Dugger; Clifton Dunn; Beth Evans; Curtis Evans; Mary Ann & Tom Guschke; Louise Jackson; Vicki Janson; Carol Knauth; Carol, Hazel & Lee

Kramer; Margaret Mann; Kathy & Rocky Milburn; Dick Newton; Steve Rannels; Larry Raye; Jim Snapper; Pat Stallings (compiler); Ellen Stringer; Ann Tarbell; David Vogt; Miriam Weinstein.

Good details on Western Grebe and Palm Warblers (two parties). Seen during count period: Double-crested Cormorant, Lesser Scaup, Sharp-shinned Hawk, Sora, Evening Grosbeak.

MURFREESBORO — 18 Dec.; clear; temp. 27 to 53°F; wind light; 14 observers.

Bertha Chrietzberg, Lou Erwin, C. G. Greever, Edith Haynes, Anne Hettish (compiler — 1018 Lawndale, Murfreesboro 37130), Wilma J. Hunter, Jenny Justice, Pat Martin, Larry McFarlin, Gene & Ruth Odom, John Patten, Frances Vaughan, Terry Witt.

A flock of 300+ House Finches was observed in a weedy field.

LEBANON — 18 Dec.; 0650 to 1630 (owling — midnight to 0300); clear; temp. 25 to 51°F; wind NW, 0-5 mph; 14 observers, 9 in 4 parties plus 5 at feeders; 29.5 party hours (13 on foot, 16.5 by car) plus 4 at feeders, 3 owling; 180 party miles (12 on foot, 168 by car) plus 20 owling.

Mr. & Mrs. Vernon Berry, Melissa Cannon, Agnes Crawford, Fred Detlefsen, W. R. McKee, Ruth McMillan, Bryan Moore, Paulette & Ray Pope, Jeff Reed, Alice Savage, William Senter (compiler — 313 West Hills Dr., Lebanon 37087), Grace Speck.

Good details submitted for Tundra Swan and Rough-legged Hawk. Seen during count period: Green-winged Teal, Redhead, Ruddy Duck, American Woodcock. Hawk species (1) was omitted from the table.

LEBANON (1981) — 19 Dec.; 0700 to 1700 (owling — midnight to 0200 and 1900 to 2400); clear; temp. 11 to 26°F; wind NW, 5-10 mph; 13 observers, 11 in 5 parties plus 2 at feeders; 50 party hours (4 on foot, 46 by car) plus 3 at feeders, 7 owling; 200 party miles (4 on foot, 196 by car) plus 40 owling.

Mr. & Mrs. Vernon Berry, Melissa Cannon, Fred Detlefsen, Robert Hosier, Ruth McMillan, Ray Pope, Jeff Reed, Alice Savage, Bill See, William Senter (compiler). Names of two feeder watchers not submitted.

Good details submitted for Rough-legged Hawk. The high count for all owls, especially Barred, is notable. Seen during count period: American Woodcock.

This count did not appear in last year's compilation. It adds no new species to the 1981 total.

HIGHLAND RIM — 29 Dec.; partly cloudy; temp. 32 to 48°F; 12 observers in 5 parties.

Carol & Stan Barr, Kay Cleckley, Marjory Harper, Jerry Ingle, Frances & Phillip Luther Medley, Erma Rogers, Mary E. Shelton, Lillie Willard (compiler — 100 N. Washington, 2D, Tullahoma 37388), Evelyn Wilson, Wanda Winnett.

Two of the Bald Eagles were adults.

COOKEVILLE — 31 Dec.; 0630 to 1630; overcast; "cool & damp"; 7 observers in 5 parties.

Frances & Lorne Crossman, Amy Johnson, Mildred Lassiter, Miser Richmond (compiler — 519 N. Jefferson, Cookeville 38501), R. W. Simmers, Florence Williams.

Black-capped Chickadee (6) deleted — no details.

PICKETT COUNTY — 29 Dec.; 0700 to 1900; cloudy; temp. 38 to 45°F; wind light; 2 observers in 1 party; 25 miles by car.

David & Robbie Hassler (compilers — Box 1, Byrdstown 38549).

Four of the Bald Eagles were adults.

CHATTANOOGA — 18 Dec.; 0130 to 1800; partly cloudy; temp. 23 to 50°F; wind W, 0-5 mph; 32 observers, 27-32 in 7-10 parties plus 0-5 at feeders; 84 party hours (54 on foot, 30 by car) plus 20 at feeders, 10 owling; 405 party miles (38 on foot, 367 by car) plus 45 owling.

Benton & Peggy Basham, Judy & Katherine Boyles, Edith Bromley, Ed Darr, Kathy Davidson, Angela Davis, Ken & Lil Dubke, Susan Gilbert, Gary Hartman, Al Jenkins, Billy Johnson, Lenny Kafka, Starr Klein, Sandy Kurtz, Dave Mathewson, Barbara & Mike McMahan, Johnny Parks, Peter Robinson, Robin Rudd, Gene Ryther, Jo Stone, Randy Stringer (compiler — 758 Emory Dr., Chattanooga 37415), Bruce Wilkey. Five other names not submitted.

Caribbean Coot in same location as last year. Good details submitted for Spotted Sandpiper. Palm Warblers have been observed in the Chattanooga area for the last four years during the CBC period. Grasshopper Sparrow found in same field as last year. Seen during count period: Bald Eagle, Turkey, Barred Owl.

HIWASSEE — 1 Jan.; 0530 to 1800; overcast; temp. 35 to 47°F; wind W, 0-5 mph; 20 observers in 8 parties; 65 party hours (45 on foot, 20 by car); 456 party miles (44 on foot, 412 by car).

Nelson Bennett, Katherine Boyles, Angela Davis, John Doyal, Ken & Lil Dubke, Chris Haney, Audrey & Ron Hoff, Al Jenkins, Tony Koella, Chuck Nicholson, Pam Pinckeney, Peter Robinson, Robin Rudd, Boyd Sharp, Barbara & Steve Stedman, Randy Stringer (compiler), Dale Taylor.

Two of the Snow Geese were of the blue form. Four of the Bald Eagles were adults. The number of bluebirds is notable. Good details submitted for Marsh Wren, Common Yellowthroat (two parties), Tree Sparrow, and Lincoln's Sparrow (direct comparison with Savannah & Song Sparrows). Seen during count period: Osprey. Duck species (100) omitted from the table.

NORRIS — 31 Dec.; 0630 to 1700; cloudy; temp. 30 to 45°F; wind calm; 13 observers in 7 parties; 43 party hours (22 on foot, 20 by car, 1 by plane); 273 party miles (29 on foot, 184 by car, 60 by plane).

Laurie & Mark Armstrong, Brian & Marian Baxter, Gordon Hall, Don & Joan Hammer (compilers — 127 Orchard Rd., Norris 37828), Dave Hankins, Dave Highbaugh, Charles Nicholson, Frances Olson, Paul Pardue, Boyd Sharp.

Three of the Bald Eagles were adults. Details submitted for Rough-legged Hawk and Osprey.

KNOXVILLE — 18 Dec.; 0345 to 1815; partly cloudy to clear; temp. 22 to 46°F; 31 observers in 13 parties; 120 party hours (69 on foot, 46 by car, 5 by boat) plus 10 owling; 678 party miles (64 on foot, 588 by car, 26 by boat) plus 80 owling.

Winifred Brown, Fae Burkhardt, Bill Cowart, Marcia Davis, Barbara Finney, Linda Fowler, Chris Hamilton, Rebecca Hammitt, David Hankins, Lavada & R. W. Harris, Paul Hartigan, David Highbaugh, Audrey & Ronald Hoff, J. C. Howell, Hal Hubbs, Tony Koella, Gregg Lagerberg, Kenneth McLain, Charles Nicholson, Holly Overton, J. B. Owen, Paul Pardue, Hugh Parker, Linda Pocratsky, Mark Reeves, Stephen Satterfield, Boyd Sharp, Nancy Sheperd, James Tanner (compiler — Rt. 28, Box 155, Knoxville 37920).

Good details submitted for Merlin and House Wren. Seen during count period: Green-backed Heron.

GREAT SMOKY MOUNTAINS NATIONAL PARK — 2 Jan.; 0600 to 1750; overcast, light rain most of the day; temp. 34 to 51°F; wind light, with gusts to 15 mph at high elevations; 32 observers in 15 parties; 95.5 party hours (68 on foot, 27.5 by car); 279.5 party miles (77 on foot, 202.5 by car).

Winifred Brown, John Burkhardt, Jim & Betty Reid Campbell, Howard Chitwood, Marcia Davis, Don DeFoe (compiler — Great Smoky Mountains National Park, Gatlinburg 37738), Katherine Foster, Linda & Dale Fowler, Chris Hamilton, Rebecca Hammitt, Paula Hawley, Paul Hartigan, David Highbaugh, Joe Howell, Elizabeth & Hal Hubbs, Tony Koella, Ken McLean, Bill McNutt, Chuck Nicholson, Holly Overton, J. B. Owen, Truett Patterson, Steve Roberts, Stephen Satterfield, Boyd Sharp, Nancy Sheperd, Lillian Smathers, Jim Tanner, John Watson.

The chickadees were a mixture of Carolina and Black-capped.

GREENEVILLE — 29 Dec.; 0800 to 1700; cloudy; temp. 41 to 45°F; 12 observers in 4 parties; 24.5 party hours, plus 4 at feeders; 104.5 party miles (5.5 on foot, 95 by car, 4 by canoe).

Ben Britton, King & Margaret Gaut, Richard & Willie Ruth Nevius, Violet Parr, Velma Presley, Doug Ratledge, Fred Simpson, Helen & Royal Spees (compiler — P. O. Box 356, Greeneville 37743), Virginia Williams.

Satisfactory details on the Rough-legged Hawk. No estimate of numbers in a roost of Starlings and blackbirds. Seen during count period: Common Snipe, Horned Lark, Brewer's Blackbird (no details), and Lincoln's Sparrow (inconclusive details).

KINGSPORT — 1 Jan.; 7 observers. Other information not submitted.

Fred Alsop, Dee Eiklor, Tom Finucane (compiler — 1434 Watauga St., Kingsport 37660), Charles Hasbrouck, Betsey Oglesby, E. E. Scott, Arthur Smith.

BRISTOL — 1 Jan.; 0630 to 1810; clear to overcast; temp. 35 to 50°F; 10 observers in 4 parties; 33 party hours (14 on foot, 19 by car) plus 1 owling; 260 party miles (10 on foot, 250 by car) plus 7 owling.

Wallace Coffey; Bert, Ken & Loraine Hale; Joe, Kristen & Laura Jackson; Rick Knight; Tom Laughlin; Richard Lewis (compiler — Rt. 3, Box 470, Bristol 37620).

ELIZABETHTON — 18 Dec.; 0430 to 1730; clear to partly cloudy; temp. 19 to 45°F; wind light; 20 observers in 6 parties; 54 party hours (25.5 on foot, 28.5 by car) plus 3 owling; 314.5 party miles (20.5 on foot, 294 by car) plus 12 owling.

Kat Bireley, Martha Dillenbeck, Helenhill Dove, Glen Eller (compiler — Rt. 3, Grandview Terrace, Elizabethton 37643), Harry Farthing, Elizabeth Funkhouser, Sally Goodin, Dick Hegler, Ralph Keffer, Rick Knight, Joy Kyle, Gary Lewis, Richard & Vickie Lewis, Dick Lura, Ed Schell, Arthur Smith, Glenn Swofford, Gary Wallace, Jane Whitehead.

Good details submitted for House Wren.

ROAN MOUNTAIN — 26 Dec.; 0645 to 1615; overcast, fog at high elevations most of day; temp. 46 to 62°F; wind gusty at high elevations; 6 observers in 3 parties; 23 party hours (9 on foot, 14 by car) plus 1 owling; 145 party miles (13 on foot, 132 by car) plus 7 owling.

Glen Eller (compiler), Harry Farthing, Rick Knight, Richard & Vickie Lewis, Ed Schell.

THE 1982 CHRISTMAS BIRD COUNT

	1981																									
	Wing	Neel	DBU	Bufl	Clar	Ashl	Chlu	DBW	Bash	Hfok	Bufl	Lehs	Lehs	Hegk	Cook	Floh	Chkt	Hfok	Espr	Knok	CHMR	Orew	King	Brdg	Ellia	Nowh
Common Loon	0	0																								
Pink-billed Grebe	0	0	36	1	2	3	10		2	23	1	1	1	13			11	11	1	13				1	3	1
Horned Grebe										53		8	5	30			16	39		13				1	2	
Western Grebe										53				8			16							1		
Thl.-scr. Cormorant		10	45														3									
Great Blue Heron	3	41	106	2	8	57	26	1	6	29	7	51	41	1			34	170	13	149	2	9	24	7	1	
Green-backed Heron								1																		
Blk.-scr. Night-Heron										6											16	9		28		
Tundra Swan												1*														
Gr. White-fr. Goose		1																								
Snow Goose		7*	100*																4*							
Canada Goose		148	258	45	24	144	135	2	21	88		941	787	283				740	136	172		31		11		
Wood Duck		35	1				8	1	2			13	9				31		3			1	10		1	
Green-winged Teal		60	39				30	16				100						2000	8					2		
Amer. Black Duck	2	300	2000	2		450	41	2				148	2400				15	4000	46				75	5	20	10
Mallard	24	628	6000	23		2290	116	5	274	212		3600	4950	110			111	3100	68	10		576	970	108	21	
Northern Pintail		15	9000				5					105	95					351								
Blue-winged Teal		5		7																						
Northern Shoveler		10	5				5	1										1								
Scaup		1800	3000		1	39	42			2		695	65	2			3	139	385	11	45		6	17	9	
American Goldeneye		200	1000			12	20		70			852	1000	20			17	508	14	7		3		6	1	
Osprey		3	18				1		7																	
Red-tail		1	90	165	15		202		1			65	69	1			28	230		1			20	1	9	7
Riskeneked Duck																										
Greater Scaup																		177								
Lesser Scaup	1		4				1	6		68		2	18	17			19	7	4					2	0	
Scaup sp.		75																								
Common Goldeneye	0	10		5			3		4	6	3			5			126		27	1						
Buffhead		50	10	12					50	2							17		6	7		2		19	16	
Booted Merganser	3	10	36									54	59					4	200		30					
Common Merganser		2								1				1			1								1	
Red-br. Merganser																		8	3					3		
Ruddy Duck		450					2										33								2	1
Black Vulture		24		15	58	200	98	19			9	30	55	1	5		24	18	15	6	2	12	19	13	35	
Turkey Vulture	1	2		35	26	207	2	1	15		7	9	29				24	45	6	2	12	19	13	35		
Osprey		107*	35*				1*							3*					1*							
Bald Eagle	8	0	2	1	1	1	2	3	5		2	1	3	1			7	1	6		3					
Northern Harrier	0																									
Sharp-shinned Hawk	0																									
Cooper's Hawk	0																									

1981

	Momp	Beel	DRU	Buff	Clur	Ashl	Colu	DRR	Bash	Hick	Murf	Leba	Leba	High	Cook	Pick	Chat	Hlwa	Morr	Knox	GSMN	Quee	King	Bris	Eliz	Roan
Accipiter sp.							2								1	2										
Red-shouldered Hawk	13	2	7	15	7	15		2	1	1	1	2	2	1	4	4	15	1	1	1	1	1	1	1	1	
Red-tailed Hawk	62	29	11	13	25	30	24	16	21	7	18	30	21	9	2	7	36	25	8	31	3	10	6	5	1	
Rough-legged Hawk																										
Suteo sp.			2	4																						
Golden Eagle		1*																								
American Kestrel	24	42	5	13	22	47	35	36	35	37	51	32	25	17	5	6	26	19	9	22	9	8	8	36	8	
Merlin																										
Ruffed Grouse																										
Wild Turkey		20																								
Northern Bobwhite	174	6	20	4	38	83	85	24	30	82	18	42	5	12			16	2	12	24			14	1	4	
Virginia Rail																										
Sparrow																										
American Coot	66	550	26	2		6	88			116	1	157	10		62	1400	3700			516		1	52	62		
Caribbean Coot																										
Killdeer	267	33	3	9	13	60	6	7	83	27	14	16	13	4			534	565	112	137		2	15	21	8	
Spotted Sandpiper																										
Least Sandpiper	125*																									
12*																										
Common Snipe	19	1		15		12	6	1		44	1	1	1				14	38	1	15				1	4	
American Woodcock	1		2			2		2	1	3					1					1						
Bonaparte's Gull	9	7							30																	
Ring-billed Gull	89	193	150			35	53		538			23	57	108			378	140	30	659						
Herring Gull	2	22	3		3							6	1				18	4								
Rock Dove	1	67	60	73	68	56	74	85	95	223	50	156	67	51		2	1200	9	167	319	20	18	231	41	237	
Mourning Dove	548	50	47	232	222	362	72	71	545	741	89	141	197	66	26	23	366	318	117	611	261	202	80	251	158	
Barn Owl	3	2	1		1	2	3	16	3	2	9	19			1			2	1	23	2	1			2	
Southern Screech-Owl	1		2	5		6	5	11	1			4	10		1	1	1	7	1	4	2	3			1	
Great Horned Owl	2	4	1	2	1	7	1	6	1	1		9	24		1				2						1	
Barred Owl																										
Belted Kingfisher	9	12	12	11	17	20	11	11	22	19	7	12	11	11	2		31	42	9	60	15	4	14	15	8	
Red-headed Woodpecker	19	17	1	8	10	8	4					1	6	1	14											
Red-bellied Woodpecker	101	15	12	29	62	56	25	51	45	26	14	14	12	11	15	9	29	44	9	37	5	14	7	6	13	
Yellow-bel. Sapsucker	29	38	1	4	13	5	4	4	5	6	3	3	5	1	3	1	29	12	2	15	8		1	1	7	
Downy Woodpecker	47	73	33	14	71	40	57	41	96	49	11	20	15	7	6	6	45	45	17	44	31	31	25	16	37	
Hairy Woodpecker	6	15	2	16	15	5	12	8	15	17	8	4	4				6	14	2	5			7	1	4	
Spruhen Flicker	151	132	16	12	52	47	16	32	35	37	16	9	32	17	3	10	57	49	18	28	4	8	7	17	7	
Pileated Woodpecker	16	60	3	15	20	31	14	11	13	20		3	2		1	3	18	22	15	26	14	7	8	7	9	
Eastern Phoebe	1	1																								
Horned Lark	43	50	50																							
Blue Jay	307	111	22	94	206	86	49	87	164	122	48	132	139	159	55	10	135	393	162	292	88	83	77	137	172	
American Crow	209	573	95	172	184	712	87	308	3100	155	164	151	113	277	35	25	493	1200	461	1800	288	228	142	455	860	
Common Raven																										3
Black-cap. Chickadee																										5
Carolina Chickadee	229	283	86	104	173	94	121	193	299	159	52	116	56	15	30	14	177	215	117	288	*	103	92	101	131	

	Memp	Reel	DRU	Burf	Clar	Ashl	Colu	DRR	Mash	Hick	Murf	Leba	Leba	High	Cook	Pick	Chst	Hwa	Norr	Knox	REMI	Oree	King	Bris	Eliz	Roan
Tufted Titmouse	113	132	45	53	192	77	97	134	227	78	34	63	41	22	16	12	112	91	50	110	83	73	91	29	117	14
Red-breasted Nuthatch			1		3	4		3				2		6		5	1	4		4	2		2	1	1	
White-br. Nuthatch		24	9	28	34	34	6	5	46	7		1		6	11	9	39	18	19	36	40	19	24	26	43	6
Brown-headed Nuthatch																										
Brown Creeper	10	9	4	4	6	6	4	5	19	12	1	1	1		2		12	1	2	7	14	3	3		3	2
Carolina Wren	142	107	27	32	67	66	35	35	139	79	20	8	3	5	13	9	110	143	59	171	47	23	39	28	88	12
Sevicia Wren		1*																								
House Wren	6																		1*							1*
Winter Wren	10	21	5	1	3	5	1	2	5	5		2			5		4	12	9	4	5		8			
Sage Wren									1*																	
Marsh Wren																										
Golden-crowned Kinglet	76	20	17	34	20	23	6	36	39	37		6	8	1	7	1	42	89	51	71	183	4	18	60	39	9
Ruby-crowned Kinglet	38	17	14	10	2	3	3	8	4	3	1	3	8				13	34	10	15	12	15	3	5	5	
Eastern Bluebird	1	8	51	64	43	54	76	91	50	3	20	34	13	44	23	24	166	266	86	13	15	28	32	78	38	12
Hermit Thrush	8	13	9	3		4	3	13	3	1		2	1		3		7	13	1	3			1		5	
American Robin	638	46	29	35	52	44	9	60	237	379	37	28	95	40	46	11	478	138	14	321	7	21	63	9	1	4
Gray Catbird		1																								
Northern Mockingbird	154	38	22	81	113	69	41	55	176	135	75	64	38	51	13	5	134	137	45	219	22	36	21	91	69	3
Brown Thrasher	38	8	3	5	1	2	1	3	4	2	7	1			5		19	12	2	8	1	1	2		1	
Water Pipit			25															20	163		74					
Cedar Waxwing	35	16				9	3	16		30		60	172				14	447	175	1	31		51			
Logchaser	20	19	7	21	12	30	16	20	96	9	10	9	2	3	1	2	5	12	3	2	2	2	2	2	3	
Yellow-c. Sapsucker	4200	2400	541	7700	1100	1600	275	605	4600	4400	104	244	112	3600	985	368	2200	433	831	7000	311	18*	779	3400	1600	18
Solitary Vireo		1*																								
Orange-cr. Warbler																										
Yellow-r. Warbler	110	163			11	8	8	63	5	10	4	12	18			3	87	125	11	42	18	2	22		17	
Pine Warbler	5						4			4							11	9								
Palm Warbler										7*							3*									
Common Yellowthroat		2*	1*					1*	1*									2*								
Northern Cardinal	480	482	102	160	365	421	118	445	548	434	138	193	130	92	88	78	145	336	140	427	119	102	92	78	163	5
Rose-breasted Grosbeak	1*																									
Rufous-s. Towhee	69	5	39	45	111	42	24	52	83	61	24	26	23	14	24	1	68	101	19	86	12	7	17	9	19	
Amer. Tree Sparrow		2																	1*							
Chipping Sparrow		2																2	21		2					
Field Sparrow	395	67	277	141	134	173	203	247	363	104	25	95	74	33	45	61	80	647	207	480	16	68	58	92	107	7
Vesper Sparrow	5	1*																3								
Savannah Sparrow	43	5	38	5		67		2	17	45							37	136		14		4	1		6	
Grasshopper Sparrow																		3*								
Le Conte's Sparrow						11*																				
Fox Sparrow	41	27	16	3	5	8	1	6	7	5	4	3					5	6	1	2		2				
Song Sparrow	258	78	384	56	66	313	57	146	247	245	58	66	111	18	25	22	134	430	157	956	121	27	103	147	251	62
Lincoln's Sparrow																			1*							
Swamp Sparrow	106	156	469	7	151	138	33	28	97	44	1	11	1	4			26	140	12	133	14	1	3	2	1	
White-thr. Sparrow	1000	434	455	93	192	157	136	161	485	262	39	104	60	48	61	53	308	1000	275	1000	266	56	170	131	285	5
White-cr. Sparrow	129	10	18	31	5	4	40	23	15	6	23	46	10				13	8	14	12		28		42	3	

	1991																									
	Masp	Reel	DRU	Suff	Clar	Asrl	Colv	DRR	Mash	Hick	Murf	Leba	Lck	High	Cook	Plek	Chat	Hwa	Morr	Knox	OSMN	Gre	King	Bris	Ells	Roan
Dark-eyed Junco	561	798	249	314	276	267	50	448	433	175	39	96	173	143	22	145	299	438	64	49	119	15	76	260	253	97
Red-winged Blackbird	12M	6000	83	117	68	1800	17	1500	2400	212	--	1300	4	351	1	--	135	1500	--	2000	10	101	10	--	11	1
Eastern Meadowlark	222	39	47	107	88	247	46	198	109	204	68	288	156	41	37	24	111	549	101	165	93	87	6	29	45	--
Rusty Blackbird	572	140	18	--	--	6	--	15	20	104	16	--	--	--	15	--	35	--	--	1000	2	1	--	--	--	--
Common Grackle	7000	6900	29	41M	101	198	14	5000	200	194	5000	167	17	1300	36	--	1900	3	11	3000	--	M*	17	1200	2	--
Brown-headed Cowbird	1900	237	89	607	57	15	62	304	1	10	2	150	93	--	--	--	182	29	--	1200	--	M*	--	--	1	--
Purple Finch	64	24	28	100	99	24	51	267	70	120	156	114	67	18	33	1	68	65	33	58	29	33	82	5	24	3
House Finch	1*	--	--	--	--	--	--	--	--	--	320*	12	6	--	--	--	6	22	4	71	1	4	41	80	35	--
Pine Siskin	--	--	--	--	--	--	--	2	--	--	11	?	--	--	--	--	3	2	--	--	--	3	--	--	--	--
American Goldfinch	189	57	169	87	198	327	138	479	304	338	74	183	138	52	60	33	197	499	130	413	139	19	63	82	158	46
House Sparrow	289	947	123	09	337	98	89	51	67	193	235	51	97	98	4	33	70	93	26	163	31	72	144	160	89	52
Total Species	81	96	84	67	63	75	77	75	71	75	56	81	73	54	47	43	97	92	72	84	54	68	61	64	70	34
Grand Total = 138	N = 1000		*See Information on Count's																							

MINUTES OF THE 1982 FALL MEETING AND SYMPOSIUM

The 1982 Fall Meeting and Symposium, consisting of a Board of Directors' meeting, symposium, and field trips, was held at the Holiday Inn, Manchester, 12-14 November 1982.

BOARD OF DIRECTORS' MEETING

The Fall Meeting of the Board of Directors was called to order on 13 November by President Michael Bierly, with Secretary Pat Stallings recording the minutes.

The minutes of the 7 May 1982 meeting were approved as read.

Treasurer George Payne, Jr., gave a report covering the period 1 May 1982 through 12 November 1982. Assets were \$28,394.11, anticipated Liabilities \$5,950.00, Capital Reserve \$22,444.11. Present membership was 887.

There were no other officer's or director's reports.

Conservation Committee Chairperson Bruce Wilkey described a reorganized Conservation Committee, with members assigned various responsibilities such as monitoring raptor populations, threatened and endangered species, non-game species, stream management and other issues. Wilkey also proposed a "Blue List" Committee to review status on species on the state endangered and threatened species list for possible additions and/or deletions. Several impending pieces of legislation and land use decisions were proposed for action by the membership.

There were no reports from other standing committees.

President Bierly announced the following members of the Certification Committee: East Tennessee — Jim Tanner, 1 year; Rick Knight, alternate; Middle Tennessee — Pat Stallings, 3 years; Katherine Goodpasture, alternate; West Tennessee — Martha Waldron, 2 years; David Pitts, alternate; Chairperson — Editor of *The Migrant*, Charles Nicholson. Future appointees will all serve three-year terms. This committee is charged with the task of assembling an official Tennessee state bird list.

Charles Nicholson, Editor of *The Migrant*, reported that the March 1982 issue is due from the printer. Two subsequent issues are ready except for 2 long-delinquent Season reports. Rick Knight has been appointed State Count Compiler, beginning with the 1982 Christmas Counts.

President Bierly reported that *The Tennessee Warbler* was delivered on time.

Martha Waldron made a motion that a committee be formed to study the feasibility of a state bird book, with a format showing the state-wide seasonal occurrence of each species. Audrey Hoff seconded. Discussion focused on the current lack of early arrival and late departure dates, particularly in rural areas, and the importance of breeding evidence in different areas of the state. The motion carried.

Announcements were made that the 1983 spring meeting will be 6-8 May at Reelfoot Lake, hosted by the Memphis Chapter, that the 1983 Foray will be in Polk

County on Memorial Day weekend, and that the fall 1983 meeting will be in the Lawrenceburg area, hosted by the Buffalo River Chapter.

SYMPOSIUM

The afternoon paper session, chaired by T. David Pitts, was held on 13 November. The following papers were presented:

MICHAEL L. BIERLY — Results of the 1982 White County Foray.

BEN B. COFFEY, JR. — Nesting of Black-necked Stilts at Memphis.

BURLINE PULLIN — Historical review and status of Tennessee Valley heronries.

CHRIS O'BARA — Decline in waterfowl usage of Woods Reservoir.

CHARLES P. NICHOLSON — Distribution of nesting Tree Swallows in Tennessee.

MARTHA WALDRON — Tennessee Birds — a proposal for a species occurrence booklet.

JEROME JACKSON — Red-cockaded Woodpecker status report.

The evening program, "Southern Killdeer and how they cope," was presented by Bette J. Schardien.

Pat Stallings, *Secretary*

ANNOUNCEMENT

Stephen J. Stedman has recently been appointed to the position of Season Compiler of the Central Plateau and Basin Region. This region includes all of Middle Tennessee from the Tennessee River eastward to the Cumberland Plateau escarpment. Six Tennessee Ornithological Society chapters are based in this region, and much of their fieldwork goes unreported. Please help Steve compile a comprehensive regional report by sending information to him at Route 6, Pinewood Road, Franklin, TN 37064.

ROUND TABLE NOTES

TENNESSEE RECOVERIES OF RAPTORS BANDED AT DULUTH, MINNESOTA — One of the major concentration points of fall migrating raptors in North America is at Duluth, Minnesota. The barrier effect of Lake Superior and a series of ridges along its western shore that provide energy saving updrafts from both northwesterly and southerly winds result in large numbers of migrating hawks and owls each autumn. I have operated a migration research station on the Hawk Ridge Nature Reserve at Duluth since 1972, banding over 27,000 raptors in that time. A number of these birds have been recovered in Tennessee.

We band about 2,000 Sharp-shinned Hawks (*Accipiter striatus*) a year; two have been recovered in Tennessee. An immature female banded on 3 September 1976 was found dead on 2 November 1976 near Franklin, Williamson County. Another immature female banded 6 October 1981 was found injured on 8 February 1982 at Waverly, Humphreys County, and later released. The bulk of our Sharp-shins appear to migrate in a southeasterly direction from Duluth, veering southwest in southern Illinois towards Texas and Mexico (Evans and Rosenfield, in press, Migration and Mortality of Sharp-shinned Hawks Ringed at Duluth, Minnesota, U.S.A. in Proc. World Conf. on Birds of Prey, 26-29 April 1982, Thessaloniki, Greece). Females tend to spend the winter farther south than males, with about half going to southern Mexico and Central America. The winter range of males is centered in the southern United States.

We band about 100 Red-tailed Hawks (*Buteo jamaicensis*) a year, and 3 have been recovered in Tennessee to date. An immature, sex unknown, banded 4 November 1975 was found dead the following fall on 1 November 1976 near Battle Creek, Marion County. Another immature banded 15 October 1975 was caught in a trap 16 km NW of Centerville, Hickman County on 3 December 1975. An immature banded 23 October 1981 was found dead on 2 February 1982 at Hornbeak, Obion County. Red-tails banded in Duluth migrate southeastward, wintering in the southeastern and southcentral United States.

Two of the 650 Northern Goshawks (*Accipiter gentilis*) banded in 1973 were recovered in Tennessee. An adult female banded 10 October was shot 26 November 1973 near Fairview, Williamson County. Apparently released, it was found dead in December in Davidson County. Another adult female banded 16 October was shot near Waverly, Humphreys County on 15 December 1973. From 1972 to 1974 we banded about 1,450 goshawks as they were forced south by a cyclic decline in their primary prey, Snowshoe Hares (*Lepus americanus*) and Ruffed Grouse (*Bonasa umbellus*). Goshawks normally remain on or near their breeding grounds in the boreal forest throughout the winter. In 1981, these prey populations again began declining, and in 1982 we again experienced high goshawk numbers, with about 1,430 banded. Some of these may well turn up in Tennessee.

I would like to thank Bob and Adam Rosenfield, Lee Carson, David Gilbertson, Jim Goin, Gary Kristenses, Dennis Meyer, and Don Scheer for their assistance and, especially, the many contributors to the Friends of Hawk Ridge and our research.

DAVID L. EVANS, 2928 Greysolon Rd., Duluth, MN 55812. Accepted 15 February 1983.

GREAT BLUE HERONS NEST ON TRANSMISSION LINE TOWER IN HENRY COUNTY, TENNESSEE — On 5 August 1982 an active Great Blue Heron (*Ardea herodias*) nest was discovered by Rich Melis, TVA pilot, during routine aerial maintenance inspection of the 161-kV transmission line stretching from Paris, Tennessee, to Mayfield, Kentucky. The nest contained one young Great Blue Heron attended by one adult and was located on the upper west crossbeam of structure number 54 (Figure 1). The tower is located 1 mile southeast of Jones Mill, Henry County, Tennessee.

Published reports of heron species nesting on manmade structures include Great Egrets (*Egretta alba*) using overwater platforms built by Edward McIlhenny (*Bird City*, Christopher Publishing House, 203 pp., 1934) at Avery Island in Louisiana, and Great Blue Herons nesting on duck blinds in Texas (Palmer, R. S., ed., 1962, *Handbook of North American Birds*, Vol. 1, Yale University Press). In addition, Henny (*Wildlife Society Bulletin* 6(1):35-37, 1978) observed Great Blue Herons using channel markers in Oregon following destruction of their nest trees. Meier (*Technical Bulletin No. 126*, Department of Natural Resources, Madison, Wisconsin, 13 pp., 1981) erected pole platforms that were successfully used by nesting Great Blue Herons among dying trees in a Wisconsin heronry.

Characteristics of preferred nesting substrate do vary greatly over the Great Blue Heron's vast range (Hancock, J. and H. Elliot, 1978, *The Herons of the World*, Harper and Row, 304 pp.). In this incident, suitable nest trees near the tower were not used, and mature bottomland hardwoods bordered the transmission line to the west along Walnut Fork Creek. However, the selected artificial nest structure did provide a better lookout over surrounding agricultural fields and offered more isolation from potential mammalian predators.

BURLINE P. PULLIN, Wildlife Resources Development Program, Tennessee Valley Authority, Norris, Tennessee 37828. Accepted 18 May 1983.

FIGURE 1. Great Blue Heron nest on transmission line tower, Henry County, Tennessee. Photograph by Wesley James and Steve Cottrell.



THE SEASON



FALL MIGRATION: 1 AUGUST - 30 NOVEMBER 1982

According to the comments of the regional compilers, this was not an exceptional fall migration, but there were enough significant occurrences to make it interesting for birders across the state. August began with heavy local flooding in East Tennessee, and the rest of the period was wetter than normal. Temperatures were near normal or slightly above normal. There was a good movement of passerines in late August, and waves of birds came through on 3-5 September, 19-22 September, and with a strong cold front on 16-17 October.

The shorebird migration was outstanding at Memphis, where large numbers of several species were found on sewage lagoons near Ensley. Several new early and late dates for shorebirds were set in the Central Plateau and Basin region, and the shorebird movement in the Eastern Ridge and Valley region was also good. Northern Goshawks were reported from Memphis (for the second West Tennessee record) and in the Eastern Mountain region. If these reports are part of a major southern invasion, more goshawks should be reported this winter. Although a few Evening Grosbeaks were reported in mid-October, there was no evidence of an invasion of this species, Pine Siskins, or Red-breasted Nuthatches. — Charles P. Nicholson

WESTERN COASTAL PLAIN REGION — The highlight of this season for Memphis birders was the large number and variety of shorebirds at the wastewater settling ponds at Ensley.

Loon-Hawk: Common Loon: 3 Nov (3) HEP (CHB, HBD). American White Pelican: 10 Oct (120) Crittenden Co., Ark. north of Horseshoe Lake (BBC, LCC). Least Bittern: 29 Aug (1) ESL (BBC); 10 Sep (1) ESL (LCC). Snowy Egret: 7 Aug thru 26 Sep (1-3) ESL (BBC, LCC, DAD, MGW, JRW). White Ibis: 29 Aug (11) Island south of Hales Point, Lauderdale Co. (MP, RG); 29 Aug (9), 1 Sep (2), 3 Sep (1) ESL (BBC, LCC); 4 Sep (4) ESL (DAD, MGW, JRW). Blue-winged Teal: 22 Aug (160) ESL (JRW). Osprey: 30 Sep (1) SHF (JLS); 16 Oct (1) REL, LKC (JLS). Mississippi Kite: 2 Aug (1), 1 Sep (17) ESL (CHB, SCF, SNK, SSL). Northern Harrier: 4 Sep (1) ESL (DAD, MGW, JRW). Sharp-shinned Hawk: 26 Sep (1) PRI (JRW); 31 Oct (1) PEF (CHB, MGW, JRW). Cooper's Hawk: 17 Oct (1 ad, 1 imm) MEM (JLS). **NORTHERN GOSHAWK**: 30 Oct (1) MEM (JLS), banded and released 17 Nov at Penal Farm. This is the second sighting for West Tennessee. The first was at Hatchie National Wildlife Refuge, 2 April 1974 by Gerald Ledbetter. Broad-winged Hawk: 7 Aug (6) OVP (JLS); 18 Sep (17) ESL (DAD, SNK, MGW, JRW); 3 Oct (1) TOF (MTOS). **MERLIN**: 17 Oct (1) PEF (DAD, MGW, JRW); 31 Oct (1) PEF (CHB, MGW, JRW). **PEREGRINE FALCON**: 21 Sep (1) ESL (CHM, JRW); 10 Oct (1) PEF (JRW).

Plover-Phalarope: Lesser Golden Plover: 10 Sep (4), 22 Sep (1) ESL (BBC, LCC). Semipalmated Plover: 8 Aug (16), 11 Sep (2), 13 Sep (1), 31 Oct (6) ESL (BBC, LCC, *et al.*). BLACK-NECKED STILT: 1 Aug thru 19 Sep (2) ESL (JRW). Greater Yellowlegs: 19 Sep (19) to 15 Oct (1) ESL (BBC, LCC, JRW). Lesser Yellowlegs: 19 Sep (38) to 15 Oct (41) ESL (BBC, LCC, JRW). Ruddy Turnstone: 18 Sep thru 3 Oct (1-5) ESL (CHB, DAD, DPB, SNK, MGW, JRW). Western Sandpiper: 5 Sep (1) to 15 Oct (4) with max on 18 Sep (7) ESL (JRW *et al.*). Least Sandpiper: 13 Sep (570) thru 31 Oct (255) ESL (BBC, LCC, *et al.*). White-rumped Sandpiper: 2 Sep (2) ESL (LCC). Baird's Sandpiper: 30 Sep (1), 3 Oct (1), 10 Oct (4) ESL (CHB, BBC, LCC, DAD, DPB, SNK, JLL, MGS, JRW, WLW). Pectoral Sandpiper: 29 Aug (475), 13 Sep (430), 31 Oct (35), 7 Nov (11) ESL (BBC, LCC, JRW). DUNLIN: 20 Nov (1) ESL (CHB, MGW, JRW). Stilt Sandpiper: 7 Aug (4) to 10 Oct (6) with max on 18 Sep (23) ESL (JRW *et al.*). Buff-breasted Sandpiper: 6 Sep to 12 Oct (1-6) ESL (JRW *et al.*). Dowitcher sp.: 18 Sep (1) to 12 Oct (1) ESL (JRW); 16-17 Oct (1) PEF (DAD, MGW, JRW). Wilson's Phalarope: 31 Aug (1), 1 Sep (1), 5 Sep (1), 18 Sep (1), 3 Oct (1) ESL (JRW *et al.*).

Flycatcher-Sparrow: Scissor-tailed Flycatcher: 15 Nov (1) LKC (CKGS), first Lake County record. Marsh Wren: 26 Sep (1) ESL (BBC, LCC, WLW); 10 Oct (1) ESL (DAD, MGW, JRW). Gray Catbird: 26 Sep (18) PRI (MTOS). Cape May Warbler: 26 Sep (2) PRI (RTC). Ovenbird: 2 Oct thru 10 Oct (1) MEM (BBC, LCC). Yellow-breasted Chat: 13 Oct (1) MEM (WRP). Lincoln's Sparrow: 14 Oct (1), 17 Oct (2) PEF, 20-24 Oct (1) PRI, 21 Nov (1) PEF (DAD, MGW, JRW). American Goldfinch: 24 Oct (ad feeding 2 y) PEF (HBD, WRP).

Locations: ESL — Ensley Sewage Lagoons, Shelby Co.; HEP — Herb Parsons State Recreation Area, Fayette Co.; LKC — Lake Co.; MEM — Memphis; OVP — Overton Park, Memphis; PEF — Shelby Co. Penal Farm; PRI — President's Island, Shelby Co.; SHF — Shelby Forest State Park; TOF — T. O. Fuller State Park.

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

CENTRAL PLATEAU AND BASIN REGION — Autumn in the region this year was distinguished by another good shorebird migration, especially at the Gallatin Steam Plant where several new early and late dates for the Nashville area were established, a passerine movement which was no better than average, and a rather poor raptor migration. Other segments of middle Tennessee's avian population are less amenable to general characterization, but from the records which were submitted it appears that ducks and other water-oriented species were fairly close to seasonal norms (except at Woods Reservoir, where long-term declines in waterbird populations have been documented). However, no data at all were received regarding some groups of birds. For instance, for lack of records submitted it is not possible to comment on the status of owls in the region. We can presume they are still in good shape, but it would have been more desirable to record and then submit data on these species, which are vocal in the fall, especially during August and September. Perhaps the poor quality of the raptor migration is attributable more to lack of coverage (or commentary about that coverage) than to lower than usual numbers of birds. Certainly the cold fronts which passed through the region September 3, 16, 21, 24, and October 6 provided desirable conditions for raptor migration. Without expanded coverage of raptors and some less popular to watch species (i.e., rails, gallinaceous species, nightjars, mimids, and blackbirds, to name a few) it will be difficult to establish just what is a normal

migration in terms of sightings and numbers and even more difficult to establish whether a given season has been a poor, normal, or excellent one for those species. One negative result of this state of innocence is that some species may decline past the point where recovery is likely before this change is noticed; the fate of Bachman's Sparrow in the region is a case in point. Consequently, field observers are encouraged to diversify the work they do in middle Tennessee and to report the results of that work promptly for publication in this journal.

Previous compilers of the fall migration report for this region (including Henry Parmer, Heather and John Riggins, Morris Williams, Pat Stallings, and Michael Bierly) have laid a fine foundation for the present compiler to work on. Their efforts deserve our applause; because of the reports which they have filed, we are now better able to expand our knowledge of middle Tennessee's rich avifauna. I trust that all regional and state birders will continue the fine cooperation which those compilers enjoyed so that we can fulfill the responsibilities which membership in the TOS brings with it.

Loon-Falcon: Common Loon: 3 Nov to end of period — hereafter EOP (1) GSP (DTC, JPC); 12 Nov (50) Woods Res., FKC (KHD, LHD); 28 Nov (1 — flying south) Leiper's Fork, WMC (SJS); 29 Nov (2) Monsanto Ponds, MUC (WJ). Pied-billed Grebe: 16 Sep to EOP (1) GSP (DTC, JPC); 12 Nov (14) Woods Res., FKC (KHD, LHD). Horned Grebe: 13 Nov (10) Woods Res., FKC (Anne Lochridge). Double-crested Cormorant: 18 Aug (1) GSP (DTC, JPC); 2 Oct (1) GSP (DTC, JPC); 21 Oct (3) Monsanto Ponds, MUC (WJ). Great Blue Heron: all period (up to 8) GSP (DTC, JPC); 28 Aug (15+) DRU (SJS, BHS, ARH). Great Egret: 4 Sep (10) Madison, Davidson County (Lfk); 22-24 Nov (1) GSP (DTC, JPC), new Nashville area late date. Green-backed Heron: 11 Oct (1) GSP (DTC, JPC). Yellow-crowned Night-Heron: 28 Aug (7) CCNWR (MGW, MCTOS); 8 Oct (1) GSP (DTC, JPC). Brant: 28 Aug (1) CCNWR (MGW, MCTOS); 1 Oct and 5 Nov (1) CCNWR (DWB), same bird present continuously since 1981. Green-winged Teal: 15 Sep (2) to 24 Nov (7) GSP (DTC, JPC). Amer. Black Duck: 16 Sep irregularly to EOP (2) GSP (DTC, JPC). Blue-winged Teal: 28 Aug (20) DRU (SJS, BHS, ARH); 12 Sep (2) to 30 Oct (16) GSP (DTC, JPC). Northern Shoveler: 3 Oct (1) GSP (DTC, JPC). Gadwall: 16 Oct to EOP (4) GSP (DTC, JPC). American Wigeon: 2 Oct (2) GSP (DTC, JPC). Canvasback: 12 Nov (3) Woods Res., FKC (KHD, LHD). Redhead: 26 Oct (1) CCNWR (DWB). Ring-necked Duck: 27 Oct (48) GSP (DTC, JPC). Hooded Merganser: 12 Nov (70) Woods Res., FKC (KHD, LHD). Black Vulture: all period (large roost — up to 400 with some Turkey Vultures) GSP (DTC, JPC). Osprey: 7 Aug (1), 10-14 Aug (1), 12-16 Sep (1) GSP (DTC, JPC); 19 Sep (2 — migrating SE) Leiper's Fork, WMC (SJS). Bald Eagle: 30 Oct (1 ad) CCNWR (DWB). Northern Harrier: 15 Nov (1) GSP (DTC, JPC), only report received. Sharp-shinned Hawk: 26 Aug (1) GSP (DTC, JPC); 28 Aug (1) CCNWR (MGW, MCTOS); 19 Sep (1), 21 Sep (1), and 2 Oct (3) Leiper's Fork, WMC (SJS, BHS). Cooper's Hawk: 19 Sep (1) and 2 Oct (1) Leiper's Fork, WMC (SJS, BHS); 31 Oct (1) Cheatham Dam, Dickson County side (SJS, BHS, ARH); 24 Nov (1) GSP (DTC, JPC). Red-shouldered Hawk: 25 Sep (3) Leiper's Fork, WMC (SJS). Broad-winged Hawk: 19 Sep (16 — migrating SW) Leiper's Fork, WMC (SJS). Golden Eagle: 5 Nov (1 imm) CCNWR (DWB). Peregrine Falcon: 18 Sep (1) GSP (DTC, JPC); 25 Sep (1) Leiper's Fork, WMC (SJS, BHS).

Coot-Tern: American Coot: 12 Nov (1) Woods Res., FKC (KHD, LHD), drastic decline from numbers of preceding decade still occurring. Sandhill Crane:

8 Nov (37), 17 Nov (60+), and 24 Nov (43) Byrdstown, PIC (RCH, DH). Lesser Golden Plover: 19 Sep (1) GSP (DTC, JPC). SEMIPALMATED PLOVER: 28 Aug (6) CCNWR (MGW, MCTOS); 15 Sep (1) GSP (DTC, JPC); 1 Nov (2) GSP (DTC, JPC), new Nashville area late date. Greater Yellowlegs: 28 Aug (2) CCNWR (MGW, MCTOS); 12 Sep (1) to 11 Oct (1) GSP (DTC, JPC). Lesser Yellowlegs: 4 Aug (2) to 25 Sep (3) GSP (DTC, JPC). Spotted Sandpiper: 4 Aug (1) to 1 Nov (1) GSP (DTC, JPC). Sanderling: 4 Aug (1) to 30 Oct (1) with high count 2 Oct (7) GSP (DTC, JPC). Semipalmated Sandpiper: 4 Aug (4) to 1 Nov (1) GSP (DTC, JPC). Least Sandpiper: 14 Aug (2) Green Pond, SUC (DTC, JPC); 28 Nov (2) GSP (DTC, JPC). BAIRD'S SANDPIPER: 21 Aug (2) to 30 Oct (2) GSP (DTC, JPC), the latter date represents a new Nashville area late date. PECTORAL SANDPIPER: 4 Aug (2) to 22 Nov (2) GSP (DTC, JPC), the latter date represents a new Nashville area late date; 28 Aug (16) CCNWR (MGW, MCTOS). DUNLIN: 15 Sep (3) GSP (DTC, JPC), new Nashville area early date; 22 Nov (26) GSP (DTC, JPC); 23 Nov (2) GSP (DTC, JPC). Stilt Sandpiper: 21 Aug (1) to 19 Sep (1) GSP (DTC, JPC). Buff-breasted Sandpiper: 5 Sep (1) and 19 Sep (3) GSP (DTC, JPC). Common Snipe: 28 Aug (1) CCNWR (MGW, MCTOS); 3 Oct (1) Green Pond, SUC (DTC, JPC). Ring-billed Gull: 12 Nov (50) Woods Res., (KHD, LHD). Caspian Tern: 7 Aug (1) to 18 Sep (7) GSP (DTC, JPC); 4 Sep (10) GSP (LFF). Forster's Tern: 7 Aug (3) GSP (DTC, JPC). Black Tern: 23 Aug (1) to 18 Sep (1) with high 15 Sep (3) GSP (DTC, JPC).

Nighthawk-Vireo: Common Nighthawk: 22 Oct (1) Green Hills, Nashville (JCA). Ruby-throated Hummingbird: 9 Oct (1) Leiper's Fork, WMC (SJS). Red-headed Woodpecker: 28 Aug (1) CCNWR (MGW, MCTOS); 12 Nov (7) Woods Res., FKC (KHD, LHD). Yellow-bellied Sapsucker: 26 Sep (1) LHC (JCA). Purple Martin: 28 Aug (28) CCNWR (MGW, MCTOS). Tree Swallow: 29 Sep (1) to 8 Oct (1) GSP (DTC, JPC). Brown Creeper: 12 Aug (1 — bird captured in a home) Nashville (Virginia Price); 17 Oct (1) LCH (JCA). Winter Wren: 24 Oct (1) Leiper's Fork, WMC (SJS). Golden-crowned Kinglet: 14 Oct (3) Leiper's Fork, WMC (SJS). Ruby-crowned Kinglet: 28 Sep (1) LCH (JCA). Swainson's Thrush: 11 Sep (1) Leiper's Fork, WMC (SJS). Hermit Thrush: 13 Nov (1) Tims Ford State Park, FKC (Anne and Bedford Lochridge). Water Pipit: 8 Oct (10) to 3 Nov (5) GSP (DTC, JPC). Cedar Waxwing: 29 Aug (15) Leiper's Fork, WMC (SJS, ARH). Solitary Vireo: 23 Oct (1) LCH (JCA); 6 Nov (1) Leiper's Fork, WMC (SJS, BHS).

Warbler-Grosbeak: Golden-winged Warbler: 3 Oct (1) Leiper's Fork, WMC (SJS). Tennessee Warbler: 29 Aug (1) LCH (JCA). Nashville Warbler: 17 Sep (1) LCH (JCA). Chestnut-sided Warbler: 27 Aug (1) LCH (JCA). Magnolia Warbler: 28 Aug (1) LCH (JCA). Yellow-rumped (Myrtle) Warbler: 3 Oct (1) Leiper's Fork, WMC (SJS). Black-throated Green Warbler: 5 Sep (1) LCH (JCA). Blackburnian Warbler: 22 Aug (1) LCH (JCA). Palm Warbler: 28 Nov (1) Leiper's Fork, WMC (SJS, BHS). Bay-breasted Warbler: 22 Aug (1) LCH (JCA). Cerulean Warbler: 11 Aug (1 singing) Leiper's Fork, WMC (SJS). American Redstart: 5 Sep (1) Leiper's Fork, WMC (SJS, BHS). Ovenbird: 24 Oct (1) LCH (JCA). Wilson's Warbler: 5 Sep (1) Leiper's Fork, WMC (SJS, BHS). Canada Warbler: 22 Aug (1) LCH (JCA); 22 Aug (1) Leiper's Fork, WMC (SJS). Rose-breasted Grosbeak: 6 Sep (2) Leiper's Fork, WMC (SJS); 10 Oct (90+ in 2 flocks) HIC (DA). White-throated Sparrow: 15 Oct (1) LCH (JCA); 15 Oct (1) Williamsport, MUC (KGA); 20 Oct (10) Byrdstown, PIC (RCH). White-crowned Sparrow: 23 Oct (1) Williamsport, MUC (KGA). Dark-eyed Junco: 12 Oct (1) Dover, Stewart

County (DWB); 18 Oct (15) Byrdstown, PIC (RCH). Northern (Baltimore) Oriole: 5 Sep (1) Leiper's Fork, WMC (SJS). Purple Finch: 4 Nov (1) Leiper's Fork, WMC (SJS). House Finch: 26 Oct (1) Barnes Hollow, Putnam County (Richard W. Simmers), first local record; 21 Nov (1) Byrdstown, PIC (RCH). Evening Grosbeak: 10 Oct (4) HIC (DA).

Locations: CCNWR — Cross Creeks National Wildlife Refuge, Stewart County; DRU — Duck River Unit, Tennessee National Wildlife Refuge, Humphreys County; FKC — Franklin County; GSP — Gallatin Steam Plant, Sumner County; HIC — Hickman County; LCH — Love Circle Hill, Nashville; MUC — Maury County; PIC — Pickett County; SUC — Sumner County; WMC — Williamson County.

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EASTERN RIDGE AND VALLEY REGION — From the reports received it appears the main waterfowl movement was recorded on Chickamauga Lake near Chattanooga about 16 November. During the period 2-6 November an impressive number of 400-700 Ring-necked Ducks were feeding in the Blythe Ferry section of the Hiwassee River Area. A search of the available records revealed this as the largest number of Ringnecks ever documented in the region for the fall period. At the Kingston Steam Plant, Ringnecks and Lesser Scaup were noted on a regular basis during the summer season.

Recent autumn counts of the eastern population of the Greater Sandhill Crane place their number close to 14,000 birds. Most of these birds pass over our region as they migrate to their major wintering grounds in Florida. With this in mind, one must be impressed with the number of observations reported by the numerous birders.

Several observers continued with sustained efforts monitoring the shorebird migration at the Kingston Steam Plant and suitable areas along Douglas Lake. This season exciting numbers of Dunlin and Sanderlings were noted along with the usual species sighted in recent years.

Blue Jays are known to migrate, but seldom does anyone ever bother to make a note regarding their observations. An excellent movement was noted in the Chattanooga region on the weekend of 9-10 October. The last comparable movement of this magnitude was in this same area along Missionary Ridge from 29 September to 2 October 1974.

Both Rick Knight and Chuck Nicholson spent many hours this season banding and recording their sighting at Austin Springs and Norris respectively. Their records have been incorporated in this summary report.

Loon-Merganser: Common Loon: first 17 Oct (1) BOL (RLK); 16 Nov (150) CHL (KHD, LHD). Horned Grebe: 6 Nov (1) Warriors Path Lake (HHD); 16 Nov (85) CHL (KHD, LHD); 20 Nov (2) only report NRL (JCH). Pied-billed Grebe: 10 Aug (3) SAB (KHD, LHD); 24 Aug (1) KSP (KHD, LHD); 29 Aug (1) DOL (JAK); first sighting 21 Sep AUS (GDE) with lower than usual numbers there; 4-5 Nov (35) SAB (KHD, LHD). Double-crested Cormorant: 3 Sep - 20 Nov (1-2) FLL (MLD, JTT, KTOS); 23 Sep - 15 Oct (1-4) AUS (LHTOS); 29 Nov (1) CHL (KHD, LHD). Great Blue Heron: 23 Oct - 7 Nov (peak count 273) DOL (JAK). Green Heron: max 17 July (30) DOL (JAK); last 21 Oct (1) AUS (RLK). Little

Blue Heron: 1 Aug - 6 Sep (1-9) DOL (JAK); 1-29 Aug (1-4) SAB (KHD, LHD); 2-31 Aug (3-7) HRA (KHD, LHD); 26 Sep (1 ad) KNX (BMM, JMM). Cattle Egret: 8 Oct (1) Red Bank (Gary S. Hartman). Great Egret: 1 Aug - 19 Sep (7-12) DOL (JAK); 1 Aug - 4 Nov (1-4) SAB (KHD, LHD); 9-17 Aug and 13 Sep - 14 Oct (1) AUS (LHTOS); 24 Aug - 14 Sep (1-3) HRA (KHD, LHD). Snowy Egret: 9 Aug (1) KSP (KHD, LHD, PCH). Black-crowned Night-Heron: regular to 27 Oct at AUS (MD). Yellow-crowned Night-Heron: regular to 15 Oct at AUS (MD, SG). American Bittern: 28 Sep - 21 Oct (1) AUS (LHTOS). Tundra Swan: 16-22 Nov (1 imm) SAB (LHD *et al.*). Snow Goose: 18 Oct (6 blue phase) HRA (KHD, LHD). Amer. Black Duck: 8 Aug (2) DOL (JAK); 4 Oct (2) KSP (KHD, LHD). Gadwall: first 27 Sep (2) KSP (KHD, LHD); 10 Oct (1) Alcoa (ARH); 20 Nov (86) DOL (JAK). Northern Pintail: first 27 Sep (1) KSP (KHD, LHD); 16 Oct (3) AUS (RLK); max 29 Nov (65) HRA (KHD, LHD). Green-winged Teal: first 14 Sep (3) KSP (KHD, LHD); 7-26 Nov (50-200) DOL (JAK); max 2 Nov (50) HRA (KHD). Blue-winged Teal: 2 Aug - 4 Oct (2-77) KSP (KHD, LHD); 4 Sep - 14 Nov (3-200 regular) SAB (KHD, LHD). EUROPEAN WIGEON: 20-30 Nov (1 male) SAB (LHD *et al.*). American Wigeon: 27 Sep (2) KSP (KHD, LHD); 16 Oct - 26 Nov (10-22) DOL (JAK); max 29 Nov (150) HRA (KHD, LHD). N. Shoveler: 12 Sep - 11 Oct (1-2) KSP (LJF, KHD, LHD); 20 Sep (4) AUS (RLK); 31 Oct (11) DOL (JAK); 11 Oct - 22 Nov (1-24) SAB (KHD, LHD). Redhead: 20-21 Nov (2) Greene County (JAK); 14 Nov (10) HRA (KHD, LHD, RLK); 16 Nov (9) CHL (KHD, LHD). Ring-necked Duck: 2 Aug - 4 Oct (1-3 regular) KSP (KHD, LHD); 2-6 Nov (400-700) HRA (KHD, LHD); 7-26 Nov (60-120) DOL (JAK); 8-29 Nov (105-400) CHL (KHD, LHD). Canvasback: 26 Nov (3) DOL (JAK). Lesser Scaup: 2 Aug - 14 Sep (1 male, 2 females regular) KSP (KHD, LHD). Common Goldeneye: 16 Nov (5) CHL (KHD, LHD). Bufflehead: 13 Nov (2) KSP (MWA); 16 Nov (14) CHL (KHD, LHD). White-winged Scoter: 2 Nov (1) SAB (KHD). Ruddy Duck: 25 Oct - 24 Nov (2-5) BOL (RLK *et al.*); 20 Nov (2) SAB (LHD). Hooded Merganser: 20 Nov (8) DOL (JAK); 29 Nov (105) HRA (KHD, LHD). Red-breasted Merganser: 16 Nov (130) CHL (KHD, LHD).

Vulture-Coot: Turkey Vulture: 23 Oct - 15 Nov (5 flocks totaling 207 birds) KNX area (LJF, PDH, RDH). Sharp-shinned Hawk: 9 sightings during period EJC — about normal there (LHTOS); Cooper's Hawk: 12 sightings during period EJC — above average number there (LHTOS). Broad-winged Hawk: 2 Oct (1) EJC (SG, MD). Bald Eagle: 11 Aug (1 imm) NRL (JCH); 18 Sep (1) Tellico L. (WKJ); 19 Sep (1 ad) FLL, KNC (RDH); 29 Nov (1 ad) CHL (KHD, LHD). Northern Harrier: 12 sightings EJC — way above average numbers there (LHTOS); 4 reports KNX area (KTOS); 30 Aug (1) KSP (BHS). Osprey: 7 Oct (1) AUS (RLK). Peregrine Falcon: 11 Oct (1 imm) KSP (KHD). Ruffed Grouse: 25 Sep (1) Signal Point (KHD, Eugene M. Ryther). Sandhill Crane: approximately 510 reported from KNX area 4-25 Nov (*vide* WKJ), flocks scattered throughout period; 5 Nov (50) Rockwood (Clarence Coffey); 12 Nov - 9 Dec (297 in 6 flocks) SAB (KHD, LHD, Angela Davis, Jean Davis, Betty Robinson, PDR, RBW); 14 Nov (24) Raccoon Mtn., Marion Co. (Lenny Kafka, PDR, RBW); 14 Nov (24 in 2 flocks) Candies Creek, Bradley Co. (KHD, LHD, RLK); 15 Nov (18) (RCS), 16 Nov (39 in 3 flocks) CHA (PDR); 15 Nov (flock heard) Blythe Ferry, Meigs Co. (KHD, LHD). Sora: 8 Sep - 30 Oct (1) AUS (LHTOS). Common Gallinule: 2 Nov (1) HRA (KHD). American Coot: 11-21 Aug (1 occasional) SAB (KHD, LHD).

Plover-Tern: Semipalmated Plover: 2 Aug - 8 Oct (1-6) KSP (BHS, MWA, ARH *et al.*); 15 Aug - 18 Sep (2-7) DOL (JAK). Piping Plover: 7-14 Aug (1) KSP (PCH, BHS, MWA, LNA *et al.*). Lesser Golden Plover: 31 Aug - 11 Oct (1-3 occasional) KSP (LHD, JTT, MWA); 18 Sep (2) DOL (JAK). Black-bellied

Plover: 9 Aug - 29 Oct (1-9) KSP (MWA, RCS, LHD); 18 Sep - 23 Oct (2-17) DOL (JAK). Common Snipe: first 29 Sep (1) AUS (RLK). Willet: 9 Aug (5) KSP (KHD, LHD, PCH); 13 Aug (5) SAB (KHD, LHD). Greater Yellowlegs: 7 Aug - 21 Oct (1-21) KSP (KHD, LHD, MWA); 4 Sep - 16 Oct (1-2 sporadic) DOL (JAK). Lesser Yellowlegs: 2 Aug - 4 Oct (1-25) KSP (KHD, LHD); 15 Aug - 6 Sep (1-8 occasional) DOL (JAK). Pectoral Sandpiper: 15 Aug - 7 Nov (2-152) DOL (JAK); 2 Aug - 11 Oct (2-40) KSP (KHD, LHD); 15 Nov (9) HRA (KHD, LHD). White-rumped Sandpiper: 9 Aug (1) KSP (BHS); 11 Aug (4) KSP (BHS). Baird's Sandpiper: 18 and 23 Aug (1) KSP (SJS, BHS); 6-15 Nov (2) HRA (KHD, LHD, RLK *et al.*). Least Sandpiper: 2 Aug - 11 Oct (1-80) KSP (KHD, LHD); 15 Aug - 7 Nov (6-20 scattered reports) DOL (JAK). Dunlin: 8 Oct (4) KSP (MWA); 16 Oct - 27 Nov (4-390) DOL (JAK). Dowitcher sp.: 6-13 Sep (8-10) DOL (JAK); Short-billed Dowitcher: 17 Aug (1) KSP (KHD, LHD); 31 Aug (4) KSP (KHD, LHD). Stilt Sandpiper: 17 Aug (1) KSP (KHD, LHD); 24 Aug (2) HRA (KHD, LHD); 25 Aug (1) SAB (KHD, LHD). Semipalmated Sandpiper: 15 Aug - 18 Sep (6-80) DOL (JAK); 2 Aug - 4 Oct (1-330) KSP (KHD, LHD). Western Sandpiper: 2 Aug - 19 Sep (1-5) KSP (MWA, KHD, LHD); 6-18 Sep (2) DOL (JAK). Buff-breasted Sandpiper: 6 Sep (1) DOL (JAK); 12 Sep (1) KSP (LJF); 14 Sep (1) KSP (BHS). Sanderling: 17 Aug - 11 Oct (1-8) KSP (MWA, KHD, LHD). American Avocet: 9 Aug (1) KSP (KHD, LHD, PCH); 21 Aug (1) KSP (MWA, LJF); 16 Oct - 20 Nov (1) DOL (JAK). Wilson's Phalarope: 26 Aug (1) KSP (MWA, PDH, ARH, HKM). Red-necked Phalarope: 21 Sep (1) feeding around floating milfoil mats in Tennessee R. at KNX (CPN). Herring Gull: first 20 Nov (1) SAB (KHD, LHD). Ring-billed Gull: 5-8 during August on DOL (JAK). Common Tern: 25 Oct (1) BOL (RLK). Caspian Tern: 9-24 Aug (1-5) KSP (MWA, ARH, RDH, BHS). Black Tern: 9 Aug - 19 Sep (1-12) KSP (MLD, MWA, BHS *et al.*).

Owl-Blue Jay: SHORT-EARED OWL: 25 Oct (1) AUS (RLK) — this is only the second record for this section of the state. Common Nighthawk: last 9 Nov (4) KNX (PDH). *Empidonax* flycatchers: all 4 "species" banded at Norris in numbers similar to previous 2 falls (CPN). Traill's Flycatcher: 13 Sep (2 banded) AUS (RLK). Tree Swallow: 25 Oct (1) AUS (RLK); 5 Nov (5) SAB (KHD, LHD). Bank Swallow: 9 Aug (1) KSP (KHD, LHD); 3 Sep (1) AUS (RLK). Barn Swallow: 15 Oct (3) SAB (KHD, LHD). Cliff Swallow: 6 Sep (250+) Limestone, Washington Co. (RLK). Purple Martin: no large roosts or numbers reported from any area. BLUE JAY: The largest movement of this species ever noted in the Chattanooga area was recorded on the weekend of 9-10 Oct. On 9 Oct at the Signal Point Hawk Watch small numbers of up to 25 in a flock were observed passing over. By noon 300 birds were counted and at the end of the day the tally totaled 416 jays. The next morning, the 10th, while traveling from home on Savannah Bay, Chickamauga Lake to Signal Point over 550 jays were counted traveling south in four flocks. During the remainder of the day on the hawk watch over 330 more birds were tallied in small groups of up to 36 individuals in each flock. Again, the heaviest movement was noted in the morning with few found after 3:00 p.m. (KHD).

Nuthatch-Warbler: Red-breasted Nuthatch: only reports received were 27 Sep (1) Collegedale (Gertrude Fleming); 12 Oct and 11 Nov (1) KNX (JCH, Barbara Finney). Marsh Wren: 11 Oct (5) KNX (PDH, HKM); 2 Nov (1) AUS (RLK) — late. Sedge Wren: 11 Oct (5) KNX (PDH, HKM); 15 Oct (1) AUS (MD, SG). Gray Catbird: number banded at Norris 90% higher than previous 2 years (CPN). *Catharus* thrushes: capture rate of Swainson's, Veery and Gray-cheeked at Norris all higher than in 1981, but still lower than in 1980 (CPN). Hermit Thrush: heavy, early flight with 16 banded at Norris in late October with none banded there in 1980

or 1981 (CPN). Water Pipit: 30 Sep - 23 Nov (2-14) AUS (LHTOS); 15 Oct (5) KSP (MWA); 20 Nov (65) KNX (PDH, HKM). Solitary Vireo: 12 and 20 Aug (1) NOR (CPN) — this is several miles from their normal breeding grounds. Philadelphia Vireo: 28 and 29 Aug (1 banded on each day) NOR (CPN) — a total of 8 were banded at this site during the season (CPN). Warblers: Good species diversity, but many species banded in lower than average numbers at Norris. Species showing declines of 50% or more were Tennessee, Blue-winged, Canada and Magnolia. Bay-breasted Warblers were in much increased numbers. Most species came through approximately on schedule. The last reports for several species were a bit later than average, and were following the strong frontal passage of 10-12 Oct. Some notable dates were: Prothonotary Warbler: 11 Oct (1) KNX (PDH, HKM). Tennessee Warbler: 25 Oct (1) AUS (RLK); 10 Nov (1) KNX (BMM, JMM). Orange-crowned Warbler: 29 Oct (1 banded) AUS (RLK). Yellow-rumped Warbler: 2 Oct (1) EJC (SG). Blackburnian Warbler: 11 Oct (1) EJC (MD). Palm Warbler: 8 banded AUS with their last observation 27 Oct (RLK). Northern Waterthrush: very late sighting 23 Nov (1) AUS (RLK). Kentucky Warbler: 9 Oct (1) KNX (MLD).

Bobolink-Longspur: Bobolink: 28-29 Aug (1) SAB (KHD, LHD); 18 Sep - 28 Oct (1-3) AUS (RLK). Rusty Blackbird: 26 and 27 Oct (6-15) AUS (RLK, GDE); 2-6 Nov (5-6) HRA (KHD, LHD). Scarlet Tanager: 21 Oct (1) KNX (BMM, JMM). Summer Tanager: a good fall migration noted EJC with the last report there 3 Oct (MD); 22 banded at NOR, 3 times previous average (CPN). Rose-breasted Grosbeak: 23 Sep - 8 Oct a very heavy flight noted EJC with last individual noted 15 Oct (LHTOS); 10 Oct (92) Campbell Co. (JCH) — a high one day count there. Blue Grosbeak: 6 Oct (1) EJC (MD). Evening Grosbeak: 9 Oct (1) KNX (John Burkhardt). Purple Finch: first 24 Oct (3) NOR (CPN); most observers in Knoxville area reported its presence in numbers much lower than average at the end of the period. House Finch: The only report received was from EJC where winter residents began showing up during the last week of Oct. This was after a few summer resident birds were reported (LHTOS). Vesper Sparrow: 16 Oct - 20 Nov (2-6 irregular) AUS (LHTOS); 26 Sep (5) KNC count (KTOS) — early there; 26 Oct (1) HRA (KHD, LHD). White-crowned Sparrow: 22 Sep (1 banded) AUS (RLK). White-throated Sparrow: 30 Sep (1) AUS (RLK); 26 Sep (9) KNC count — early there (KTOS); a very heavy passage in second half of Oct at Norris (CPN). Fox Sparrow: 30 Nov (1) EJC (RLK). Lincoln's Sparrow: 18 Sep - 21 Oct (1-3 seen regularly with a total of 10 banded) AUS (RLK). LAPLAND LONGSPUR: 23-27 Oct (1-3) AUS (RLK) — identifiable photos were secured. This is only the second sighting for the EJC area.

Locations: AUS — Austin Springs; BOL — Boone Lake; CHL — Chickamauga Lake; DOL — Douglas Lake; EJC — Elizabethton-Johnson City; FLL — Fort Loudoun Lake; HRA — Hiwassee River Area; KNX — Knoxville; KSP — Kingston Steam Plant; NOR — Norris; NRL — Norris Lake; SAB — Savannah Bay.

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EASTERN MOUNTAIN REGION — The northern part of the region had a very normal fall migration for most species except shorebirds, which were present in low numbers. Waterfowl were about 10 to 14 days later than usual in their arrival and there were no "northern finch" sightings except the regular Purple Finches. The numbers of migrating hawks reported from the southern end of the region were considerably less than the high counts of last year. Probably the best sighting was

that of a Henslow's Sparrow which was carefully identified on the Lee Herndon Chapter's annual fall count day. This sighting was only the second for the area.

The weather for this period was very wet with above average temperature. All four months recorded above average rainfall totals. With the exception of the last week in September and the third week in October, the temperature was above average.

Loon-Hawk: Common Loon: 19 Nov (1) WatL (MD) first fall sighting. Green-backed Heron: 21 Oct (1) SMV (HLF) last fall sighting. Black-crowned Night-Heron: 26 Oct (1) SMV (GDE). Wood Duck: 28 Nov (3) SMV (HLF) last fall sighting. Green-winged Teal: 10 Nov (5) WibL (GDE). Ring-necked Duck: 9 Nov (3) WibL (HLF) first fall sighting (late). Bufflehead: 1 bird spent entire summer on WibL; 9 Nov (5) WibL (GDE, HLF) first winter arrivals. Osprey: in ELI area 6 Sep - 7 Oct (LHTOS). Northern Harrier: 19, 21 Sep (1) Foothills Parkway, GSMNP (ARH); 2 Oct (1) Unicoi (SG, GS). Sharp-shinned Hawk: 2 Oct (12) ELI (LHTOS). Cooper's Hawk: 14 Sep (1) ERW (GS); 6, 11 Oct (1) SMV (GOW); 13 Oct (1) SHL (RL). NORTHERN GOSHAWK: 21-25 Aug (1) ELI (GDE, HLF). Red-shouldered Hawk: 16 Aug (1) WatR (HLF); 26 Sep (1) Foothills Parkway, GSMNP (ARH); 31 Oct (1) SHL (RL). Broad-winged Hawk: 3 Oct (1) ELI (HLF) last fall sighting.

Turkey-Martin: Wild Turkey: 3 or 4 broods present after birds introduced on HM several years ago by TWRA (*vide* GDE). Semipalmated Plover: 30 Sep, 2 Oct (2) RC (GDE, HLF, HL). Sanderling: 20 Sep (2) ELI (GOW). Western Sandpiper: 30 Sep, 2 Oct (1) RC (GDE, HLF, HL). Caspian Tern: 19 Sep (5) SHL (RL). Forster's Tern: 6 Aug (4) WatL (GDE). Common Barn-Owl: 3 new sites near SHL (RL *et al.*). Great Horned Owl: 4 to 6 new sites near SHL (RL *et al.*). Barred Owl: 18 Sep (1) RMSP (GOW); 26 Nov (1) GRE (RN). Common Nighthawk: 16 Sep (530) CHM (BHS). CHIMNEY SWIFT: 1 Sep (760) CHM (BHS). Red-headed Woodpecker: 28 Sep (1) ELI (HLF) only report. Yellow-bellied Sapsucker: 2 Oct (1) HM (GOW, RDL) first fall report. Least Flycatcher: 10 Sep (1) RM (RLK) last fall sighting. Purple Martin: 2 Aug (2) ELI (GDE) last summer sighting, population still below average.

Raven-Vireo: Common Raven: 1 Sep thru end of period, several low elevation sightings in ELI (GDE *et al.*); 20 Nov (1) GRE (RN). Red-breasted Nuthatch: 2 Oct (1) RM (EHS) last fall sighting in area. Brown Creeper: 2 Oct (1) ERW (GS), first fall sighting. House Wren: 31 Oct (1) ELI (HLF) last fall report. Winter Wren: 16 Nov (1) Unicoi (GDE, HLF); 25 Nov (1) GRE (RN). Ruby-crowned Kinglet: 28 Sep thru 5 Oct (plentiful) RM (EHS). Veery: 2 Oct (1) ELI (*vide* Lois Herndon). Hermit Thrush: 2 Oct (1) RM (EHS) early fall sighting. Philadelphia Vireo: 22 Sep (1) WatR (GDE); 30 Sep (1) RC (GDE, HL).

Warbler-Finch: Blue-winged Warbler: 13 Sep (1) ERW (GS) last fall sighting. Tennessee Warbler: 24 Oct (2) ELI (HLF) last report. Cape May Warbler: 26 Oct (1) ELI (GDE) last sighting. Yellow-rumped Warbler: 30 Sep (3) RC (GDE, HL) first fall report. Blackpoll Warbler: 2 Oct (1) RM (EHS). Palm Warbler: 26 Oct (1) SMV (GOW) last fall report. Canada Warbler: 13 Sep (1) RM (EHS) last report. Summer Tanager: 2 Oct (1) SMV (GOW, RDL) last fall sighting. Rose-breasted Grosbeak: 21 Sep thru 6 Oct, a very heavy influx in area, 16 Oct (1) RC (GDE) last seen. Vesper Sparrow: 11 Sep (1) RM, Grassy Ridge Bald (RLK, EHS); 10 Nov (1) SMV (GDE, HLF). Grasshopper Sparrow: 17 Aug (1) SHL (RL). HENSLOW'S SPARROW: 2 Oct (1) near WibL (GOW, RDL, HL), second ELI area record. Fox Sparrow: 16 Nov (1) Unicoi (GDE, HLF); 25 Nov (1) ELI

(GDE). White-throated Sparrow: 1 Oct (1) ELI (HLF) first fall report. White-crowned Sparrow: 2 Oct (3) SmV (GOW, RDL) first fall sighting. Purple Finch: 9 Nov (3) ELI (HLF) first fall sighting, late. House Finch: 30 Oct (2) ELI (GDE).

Locations: CHM — Chilhowee Mtn.; ELI — Elizabethton area; ERW — Erwin; GRE — Greeneville; GSMNP — Great Smoky Mtns. Nat. Park; HM — Holston Mtn.; RC — Roans Creek; RM — Roan Mtn.; RMSP — Roan Mtn. State Park; SMV — Siam Valley near Elizabethton; SHL — South Holston Lake; WatL — Watauga Lake; WatR — Watauga River; WibL — Wilbur Lake.

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