

THE ORIOLE

A Quarterly Journal of Georgia Ornithology : Official Organ of the
Georgia Ornithological Society



VOL. VI. NO. 2

JUNE, 1941

THE ORIOLE

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MIGRATION OF BIRDS IN THE ATLANTA REGION

WILLIAM W. GRIFFIN

For a number of years the writer has been gathering data on the migration extremes of birds in the Atlanta, Georgia, region. The following report is a composite list of all birds definitely occurring in the area with the extremes for the migration of each species. The records were taken from Earle R. Greene's *Birds of the Atlanta, Georgia, Area*, from specimens now in the ornithological collection of the Emory University Museum, and from the field notes of Nelson Spratt, Jr., Norman Giles, Jr., Don Eyles, George Sciple, Jr., Charles Wharton, Will Cordes, Thomas Paxton, and the writer. A few records were taken from the migration reports sent into the old Biological Survey by Robert W. Smith and other observers.

Because so little scientific collecting has been done in the region, sub-species are omitted entirely. Nomenclature and order follow that of the fourth edition of the American Ornithologists' Union Check-list.

Abbreviations used are as follows:

| | |
|---------------------------|------------------------|
| t v. — transient visitant | s v. — summer visitant |
| p r. — permanent resident | w v. — winter visitant |
| s r. — summer resident | w r. — winter resident |

Common Loon. *Gavia immer*. t v. Apr. 2, '31-May 18, '32, '39; Sept. 30, '28-Nov. 28, '29.

Holboell's Grebe. *Colymbus griseigena holboelli*. w v, rare. Nov. 4, '32-Mar. 9, '30.

Horned Grebe. *Colymbus auritus*. w v, rare. Nov. 20, '32-Feb. 15, '33.

Pied-billed Grebe. *Podilymbus podiceps*. w r. July 8, '40-May 22, '32.

White Pelican. *Pelecanus erythrorhynchos*. accidental. Oct. 2, '26; Sept. 16, '30.

Cormorant. *Phalacrocorax auritus*. t v, rare. Oct. 30-31, '36.

Great Blue Heron. *Ardea herodias*. p r, non-breeding.

American Egret. *Casmerodius albus egretta*. s v. July 9, '40-Sept. 29, '29. Spring record: May 20, '28.

Snowy Egret. *Egretta thula thula*. accidental. July 3, '39.

Louisiana Heron. *Hydranassa tricolor ruficollis*. accidental. Aug. 10, '32; Aug. 19, '28.

Little Blue Heron. *Florida caerulea caerulea*. t v, rare in spring. Mar. 26, '32-May 28, '32; July 1, '39-Oct. 1, '38.

Green Heron. *Butorides virescens*. s r. Mar. 23, '06-Oct. 20, '32.

Black-crowned Night Heron. *Nycticorax nycticorax hoactli*. spring mi-

- grant, rare. Mar. 19, '32-May 16, '32.
 Yellow-crowned Night Heron. *Nyctanassa violacea*. t v, rare. May 9, '40-June 19, '40; July 21, '37-Aug. 6, '37.
 American Bittern. *Botaurus lentiginosus*. t v. Mar. 20, '32-May 15, '32.
 Least Bittern. *Ixobrychus exilis*. rare. June 10, '28; Aug. '29, '32.
 White Ibis. *Guara alba*. s v, rare. July 17, '21-Sept. 14, '34.
 Canada Goose. *Branta canadensis*. w r. Oct. 21, '40-May 22, '32.
 Mallard. *Anas platyrhynchos*. w r. Nov. 9, '40-Apr. 5, '39.
 Black Duck. *Anas rubripes*. w r. Sept. 11, '32-Apr. 18, '32.
 Gadwall. *Chaulelasmus streperus*. w r, rare. Nov. 18, '38-Mar. 13, '38.
 Baldpate. *Mareca americana*. spring migrant. Feb. 25, '32-Apr. 8, '38; fall record: Nov. 2, '35.
 Pintail. *Dafila acuta tzitzihua*. w r. Nov. 23, '38-Apr. 8, '34.
 Green-winged Teal. *Nettion carolinense*. w v, rare. Nov. 22-28, '36; Dec. 20, '38.
 Blue-winged Teal. *Querquedula discors*. t v. Mar. 18, '39-May 3, '31; Aug. 27, '38-Oct. 15, '30.
 Shoveller. *Spatula clypeata*. t v. Feb. 28, '32-Apr. 26, '32; Oct. 29, '32-Nov. 9, '32.
 Wood Duck. *Aix sponsa*. p r.
 Redhead. *Nyroca americana*. w v, rare. Nov. 13, '27-Jan. 18, '33.
 Ring-necked Duck. *Nyroca collaris*. w r. Oct. 28, '32-May 21, '32.
 Canvas-back. *Nyroca valisineria*. w r, rare. Nov. 20, '32-Apr. 13, '33.
 Lesser Scaup Duck. *Nyroca affinis*. w r. Oct. 19, '30-June 7, '32.
 Golden-eye. *Glaucionetta clangula americana*. w r. Nov. 26, '31-Mar. 26, '39.
 Bufflehead. *Charitonetta albeola*. w v. Dec. 12, '31-Mar. 22, '40.
 Old-Squaw. *Clangula hyemalis*. accidental.
 Ruddy Duck. *Erismatura jamaicensis rubida*. w v. Oct. 27, '32-May 20, '23.
 Hooded Merganser. *Lophodytes cucullatus*. p r, non-breeding.
 American Merganser. *Mergus merganser americanus*. w v. Nov. 25, '38-Jan. 1, '39.
 Red-breasted Merganser. *Mergus serrator*. t v. Feb. 17, '40-May 7, '31; Nov. 16, '35-Nov. 26, '31.
 Turkey Vulture. *Cathartes aura septentrionalis*. p r.
 Black Vulture. *Coragyps atratus atratus*. p r.
 Sharp-shinned Hawk. *Accipiter velox*. p r.
 Cooper's Hawk. *Accipiter cooperi*. p r.
 Red-tailed Hawk. *Buteo borealis*. p r.
 Red-shouldered Hawk. *Buteo lineatus*. p r.
 Broad-winged Hawk. *Buteo platypterus*. s r. Mar. 19, '41-Oct. 2, '35; winter records: Dec. 24, '38; Dec. 30, '40.
 Bald Eagle. *Haliaeetus leucocephalus*. rare. May 15, '30; May 19, '29.
 Marsh Hawk. *Circus hudsonius*. w r. Aug. 24, '30-May 15, '32.
 Osprey. *Pandion haliaetus carolinensis*. t v. Mar. 30, '32-May 5, '41; Oct. 20, '22-Nov. 18, '38.

- Duck Hawk. *Falco peregrinus anatum*. rare. Aug. 8, '40-Mar. 5, '30.
 Pigeon Hawk. *Falco columbarius*. rare. Nov. 10, '32.
 Sparrow Hawk. *Falco sparverius*. p r.
 Bob-White. *Colinus virginianus*. p r.
 King Rail. *Rallus elegans*. s r. Mar. 13, '38-Oct. 20, '39.
 Sora. *Porzana carolina*. t v, rare. Apr. 23, '41-May 4, '40; Sept. 22, '08-Nov. 14, '99.
 Florida Gallinule. *Gallinula chloropus cachinnans*. spring migrant, rare. Apr. 27, '05-May 10, '29.
 Coot. *Fulica americana*. w r. Oct. 13, '32-June 4, '31.
 Semipalmated Plover. *Charadrius semipalmatus*. t v. Mar. 31, '38-May 27, '32; July 22, '32-Sept. 5, '32.
 Killdeer. *Oxyechus vociferous*. p r.
 Black-bellied Plover. *Squatarola squatarola*. accidental. Aug. 6, '32; Dec. 12, '32.
 Woodcock. *Philohela minor*. p r.
 Wilson's Snipe. *Capella delicata*. w r. Aug. 4, '36-May 12, '32.
 Upland Plover. *Bartramia longicauda*. t v. Apr. 9, '31-Apr. 20, '30.
 Spotted Sandpiper. *Acititis macularia*. t v. Mar. 31, '38-May 30, '41; July 12, '32-Oct. 29, '31; winter record: Dec. 20-22, '36.
 Solitary Sandpiper. *Tringa solitaria*. t v. Mar. 16, '33-May 22, '32; July 8, '32-Oct. 20, '32.
 Greater Yellow-legs. *Totanus melanoleucus*. t v. Mar. 16, '33-May 24, '40; Aug. 18, '39-Nov. 6, '40.
 Lesser Yellow-legs. *Totanus flavipes*. t v. Mar. 15, '31-May 18, '32; July 23, '39-Oct. 1, '38.
 Pectoral Sandpiper. *Pisobia melanotos*. t v. Mar. 15, '31-May 5, '40; July 23, '39-Oct. 21, '32.
 White-rumped Sandpiper. *Pisobia fuscicollis*. accidental. May 21, '32.
 Least Sandpiper. *Pisobia minutilla*. t v. Apr. 19, '38-May 28, '32; July 16, '32-Sept. 18, '38.
 Dowitcher. *Limnodromus griseus*. accidental. Aug. 25-27, '32; Aug. 19, '39.
 Semipalmated Sandpiper. *Ereunetes pusillus*. t v. May 5, '29-June 1, '40; Aug. 12, '39-Sept. 18, '32.
 Western Sandpiper. *Ereunetes mauri*. t v, rare. Aug. 27, '32; Sept. 5, '32.
 Herring Gull. *Larus argentatus smithsonianus*. t v. Mar. 19, '38-Apr. 6, '37; Nov. 10, '35-Nov. 20, '30.
 Ring-billed Gull. *Larus delawarensis*. rare. May 1, '32-Apr. 11, '36.
 Laughing Gull. *Larus atricilla*. rare. May 21, '32; June 15, '32; Aug. 14, '40.
 Bonaparte's Gull. *Larus piladelphia*. t v, uncommon. Mar. 30, '39-Apr. 22, '32; Nov. 27, '30-Dec. 11, '32.
 Black Tern. *Chlidonias nigra surinamensis*. fall migrant. Aug. 5, '28-Sept. 15, '23.
 Mourning Dove. *Zenaidura macroura carolinensis*. p r.
 Ground Dove. *Columbigallina passerina*. accidental. Dec. 28, '09; Aug.

- 4-21, '11; Feb. 20, '20.
 Yellow-billed Cuckoo. *Coccyzus americanus*. s r. Apr. 20, '41-Oct. 3, '40.
 Black-billed Cuckoo. *Coccyzus erythrophthalmus*. s r. Apr. 26, '37-Oct. 14, '23.
 Barn Owl. *Tyto alba pratincola*. p r, rare.
 Screech Owl. *Otus asio*. p r.
 Great Horned Owl. *Bubo virginianus*. p r.
 Barred Owl. *Strix varia*. p r.
 Long-eared Owl. *Asio wilsonianus*. rare. Feb. 25, '18-Feb. 8, '26; May 1, '28.
 Saw-whet Owl. *Cryptoglaux acadica*. accidental. Jan. 20, '40.
 Chuck-will's-widow. *Antrostomus carolinensis*. s r. Apr. 15, '22-?
 Whip-poor-will. *Antrostomus vociferus*. s r. Mar. 19, '22-Aug. 13, '21.
 Nighthawk. *Chordeiles minor*. s r. Apr. 17, '38-Oct. 9, '30.
 Chimney Swift. *Chaetura pelagica*. s r. Mar. 23, '37-Oct. 21, '29.
 Ruby-throated Hummingbird. *Archilochus colubris*. s r. Apr. 7, '29-Oct. 11, '30.
 Belted Kingfisher. *Magaceryle alcyon*. p r.
 Flicker. *Colaptes auratus*. p r.
 Pileated Woodpecker. *Ceophloeus pileatus*. p r.
 Red-bellied Woodpecker. *Centurus carolinus*. p r.
 Red-headed Woodpecker. *Melanerpes erythrocephalus*. p r.
 Yellow-bellied Sapsucker. *Sphyrapicus varius*. w r. Oct. 4, '38-May 5, '40.
 Hairy Woodpecker. *Dryobates villosus*. p r.
 Downy Woodpecker. *Dryobates pubescens*. p r.
 Red-cockaded Woodpecker. *Dryobates borealis*. accidental. Mar. 6, '06; Feb. 26, '28.
 Kingbird. *Tyrannus tyrannus*. s r. Apr. 4, '31-Sept. 19, '29.
 Crested Flycatcher. *Myiarchus crinitus*. s r. Apr. 3, '94-Sept. 19, '37.
 Phoebe. *Sayornis phoebe*. p r.
 Least Flycatcher. *Empidonax minimus*. t v, rare. Apr. 11, '32; Apr. 29, '39.
 Acadian Flycatcher. *Empidonax virescens*. s r. Apr. 16, '41-Sept. 27, '30.
 Wood Pewee. *Myiochanes virens*. s r. Apr. 3, '00-Oct. 22, '33.
 Horned Lark. *Otocoris alpestris*. w r. Nov. 12, '40-Mar. 4, '39.
 Tree Swallow. *Iridoprocne bicolor*. t v. Mar. 25, '30-May 15, '31; July 10, '32-Sept. 13, '30.
 Bank Swallow. *Riparia riparia*. t v. Apr. 23, '32-May 16, '31; July 10, '32-Sept. 2, '37.
 Rough-winged Swallow. *Stelgidopteryx ruficollis serripennis*. s r. Mar. 16, '33-Aug. 23, '36.
 Barn Swallow. *Hirundo erythrogaster*. t v. Apr. 9, '37-May 30, '41; July 23, '33-Oct. 2, '35.
 Cliff Swallow. *Petrochelidon albifrons*. t v. Apr. 17, '00-May 17, '23; June 28, '36-Sept. 4, '38.
 Purple Martin. *Progne subis*. s r. Mar. 6, '37-Sept. 23, '33.
 Blue Jay. *Cyanocitta cristata*. p r.

- Crow. *Corvus brachyrhynchos*. p r.
 Carolina Chickadee. *Parus carolinensis*. p r.
 Tufted Titmouse. *Baeolophus bicolor*. p r.
 White-breasted Nuthatch. *Sitta carolinensis*. p r.
 Red-breasted Nuthatch. *Sitta canadensis*. w v, rare. Sept. 24, '03; Dec. 24, '27; Jan. 11, '40.
 Brown-headed Nuthatch. *Sitta pusilla*. p r.
 Brown Creeper. *Certhia familiaris*. w r. Oct. 12, '30-Apr. 17, '36.
 House Wren. *Troglodytes aedon*. w r, uncommon. Oct. 7, '22-May 5, '40.
 Winter Wren. *Nannus hiemalis*. w r. Oct. 12, '33, '40-Apr. 26, '33.
 Bewick's Wren. *Thryomanes bewicki*. p r, non-breeding.
 Carolina Wren. *Thryothorus ludovicianus*. p r.
 Long-billed Marsh Wren. *Telmatodytes palustris*. t v. Apr. 11, '31-May 16, '31; Aug. 16, '36-Sept. 28, '30.
 Short-billed Marsh Wren. *Cistothorus stellaris*. t v, rare. Nov. 6, '32; Apr. 20, '39.
 Mockingbird. *Mimus polyglottos*. p r.
 Catbird. *Dumetella carolinensis*. p r, rare in winter.
 Brown Thrasher. *Toxostoma rufum*. p r.
 Robin. *Turdus migratorius*. p r.
 Wood Thrush. *Hylocichla ustulata mustelina*. s r. Mar. 30, '39-Oct. 23, '39.
 Hermit Thrush. *Hylocichla guttata faxonii*. w r. Oct. 12, '40-Apr. 25, '37.
 Olive-backed Thrush. *Hylocichla ustulata*. t v. Apr. 16, '37-May 18, '40; Sept. 17, '40-Nov. 9, '30.
 Gray-cheeked Thrush. *Hylocichla minima*. t v. Apr. 13, '40-May 21, '39; Sept. 20, '39-Oct. 21, '38.
 Veery. *Hylocichla fuscescens*. t v. Apr. 24, '32-May 15, '32; Sept. 11, '07-Sept. 25, '40.
 Bluebird. *Sialia sialis*. p r.
 Blue-gray Gnatcatcher. *Poliophtila caerulea*. s r. Mar. 10, '96-Oct. 12, '37.
 Golden-crowned Kinglet. *Regulus satrapa*. w r. Oct. 8, '32-Apr. 11, '30.
 Ruby-crowned Kinglet. *Corthylio calendula*. w r. Sept. 28, '40-May 18, '38.
 Pipit. *Anthus spinoletta rubescens*. w r. Oct. 29, '38-Apr. 9, '33.
 Cedar Waxwing. *Bombycilla cedrorum*. w r. Oct. 12, '38-May 28, '31.
 Loggerhead Shrike. *Lanius ludovicianus*. p r.
 Starling. *Sturnus vulgaris*. p r.
 White-eyed Vireo. *Vireo griseus*. s r. Mar. 23, '29-Oct. 12, '40.
 Yellow-throated Vireo. *Vireo flavifrons*. s r. Mar. 31, '38-Sept. 25, '37.
 Blue-headed Vireo. *Vireo solitarius*. t v, rare in winter. Oct. 13, '37-May 1, '38.
 Red-eyed Vireo. *Vireo olivaceus*. s r. Mar. 31, '93-Oct. 12, '30, '40.
 Warbling Vireo. *Vireo gilvus*. t v, rare. May 5, '40.
 Black and White Warbler. *Mniotilta varia*. s r. Mar. 19, '21-Oct. 9, '24; rare in winter: Dec. 31, '30; Dec. 22, '32.
 Prothonotary Warbler. *Protonotaria citrea*. s r. Apr. 14, '21-Oct. 8, '39.
 Swainson's Warbler. *Limnithlypis swainsoni*. s r. Apr. 19, '36-May 30, '22.

- Worm-eating Warbler. *Helmitheros vermivorus*. s r. Apr. 17, '37-Sept. 20, '39.
- Golden-winged Warbler. *Vermivora chrysoptera*. t v. Apr. 18, '32, '36-May 8, '38; Aug. 18, '39-Oct. 1, '33.
- Blue-winged Warbler. *Vermivora pinus*. s r. Mar. 26, '36-Sept. 7, '37.
- Tennessee Warbler. *Vermivora peregrina*. fall transient. Sept. 9, '40-Oct. 23, '39.
- Orange-crowned Warbler. *Vermivora celata*. w r, uncommon. Oct. 28, '23-Apr. 29, '39.
- Nashville Warbler. *Vermivora ruficapilla*. accidental. Apr. 20, '18.
- Parula Warbler. *Compsothlypis americana*. s r, non-breeding. Apr. 10, '29-Oct. 17, '31.
- Yellow Warbler. *Dendroica aestiva*. s r. Apr. 6, '29-Sept. 5, '30.
- Magnolia Warbler. *Dendroica magnolia*. t v. Apr. 20, '00-May 18, '38; Aug. 27, '37-Oct. 24, '02.
- Cape May Warbler. *Dendroica tigrina*. spring transient. Apr. 14, '23-May 8, '37; fall record: Oct. 5, '29.
- Black-throated Blue Warbler. *Dendroica caerulescens*. t v. Apr. 15, '38-May 11, '31; Sept. 7, '30-Oct. 27, '29.
- Myrtle Warbler. *Dendroica coronata*. w r. Sept. 22, '30-May 20, '28.
- Black-throated Green Warbler. *Dendroica virens*. t v. Mar. 26, '32-May 11, '40; Sept. 6, '37-Oct. 22, '32.
- Cerulean Warbler. *Dendroica cerulea*. t v. Apr. 17, '38-May 5, '40; Aug. 1, '02-Sept. 3, '31.
- Blackburnian Warbler. *Dendroica fusca*. t v. Apr. 2, '95-May 11, '31; Aug. 30, '37-Oct. 22, '33.
- Yellow-throated Warbler. *Dendroica dominica*. s r. Mar. 19, '03-Nov. 17, '03; winter record: Dec. 29, '36.
- Chestnut-sided Warbler. *Dendroica pensylvanica*. t v. Apr. 17, '96-May 23, '31; Aug. 18, '39-Oct. 19, '24.
- Bay-breasted Warbler. *Dendroica castanea*. t v. Apr. 22, '29-May 12, '29; Aug. 29, '20-Oct. 29, '39.
- Black-poll Warbler. *Dendroica striata*. spring transient. Apr. 20, '31-May 29, '07.
- Pine Warbler. *Dendroica pinus*. p r.
- Prairie Warbler. *Dendroica discolor*. s r. Mar. 26, '38-Sept. 29, '29.
- Palm Warbler. *Dendroica palmarum*. w r. Sept. 12, '31-May 22, '37.
- Oven-bird. *Seiurus aurocapillus*. s r. Apr. 5, '30-Oct. 12, '40.
- Water-Thrush. *Seiurus noveboracensis*. t v. Apr. 19, '30-May 23, '39; Aug. 30, '98-Oct. 20, '23.
- Louisiana Water-Thrush. *Seiurus motacilla*. s r. Mar. 9, '39-Oct. 11, '37.
- Kentucky Warbler. *Oporornis formosus*. s r. Apr. 1, '96-Sept. 20, '31.
- Connecticut Warbler. *Oporornis agilis*. spring t v. May 5, '29-May 24, '40.
- Mourning Warbler. *Oporornis philadelphia*. t v, rare. May 23, '31.
- Yellow-throat. *Geothlypis trichas*. p r.
- Yellow-breasted Chat. *Icteria virens*. s r. Apr. 16, '94, '95-Sept. 18, '36.
- Hooded Warbler. *Wilsonia citrina*. s r. Mar. 22, '39-Oct. 28, '23.

- Wilson's Warbler. *Wilsonia pusilla*. t v, rare. Sept. 20, '30; Apr. 26, '40.
- Canada Warbler. *Wilsonia canadensis*. t v. Apr. 23, '29-May 21, '32; Aug. 17, '39-Sept. 24, '39.
- Redstart. *Setophaga ruticilla*. s r. Apr. 6, '94-Oct. 19, '37.
- English Sparrow. *Passer domesticus*. p r.
- Bobolink. *Dolichonyx oryzivorus*. t v, rare in fall. Apr. 22, '33-May 20, '40; Sept. 29, '40-Oct. 19, '40.
- Meadowlark. *Sturnella magna*. p r.
- Red-wing. *Agelaius phoeniceus*. p r.
- Orchard Oriole. *Icterus spurius*. s r. Apr. 11, '29-Aug. 12, '39.
- Baltimore Oriole. *Icterus galbula*. s r. Apr. 23, '39-Sept. 16, '31.
- Rusty Blackbird. *Euphagus carolinus*. w r. Sept. 20, '36-May 1, '32.
- Brewer's Blackbird. *Euphagus cyanocephalus*. w r, uncommon. Nov. 14, '38-Mar. 27, '32.
- Grackle. *Quiscalus quiscula*. p r.
- Cowbird. *Molothrus ater*. w r. July 1, '98-Apr. 20, '86.
- Scarlet Tanager. *Piranga erythromelas*. t v. Apr. 4, '20-June 19, '03; Sept. 16, '37-Oct. 12, '30.
- Summer Tanager. *Piranga rubra*. s r. Apr. 7, '21-Oct. 10, '29.
- Cardinal. *Richmondia cardinalis*. p r.
- Rose-breasted Grosbeak. *Hedymeles ludovicianus*. t v. Apr. 9, '06-May 15, '32; Sept. 16, '38-Oct. 20, '35.
- Blue Grosbeak. *Guiraca caerulea*. s r. Apr. 20, '39-Sept. 16, '39.
- Indigo Bunting. *Passerina cyanea*. s r. Apr. 5, '41-Oct. 19, '37.
- Purple Finch. *Carpodacus purpureus*. w r. Oct. 22, '37-Apr. 26, '29.
- Pine Siskin. *Spinus pinus*. w r. Jan. 11, '37-May 1, '37.
- Goldfinch. *Spinus tristis*. p r.
- Crossbill. *Loxia curvirostra*. w v, rare. Dec. 31, '08.
- Towhee. *Pipilo erythrophthalmus*. p r.
- Savannah Sparrow. *Passerculus sandwichensis*. w r. Oct. 1, '38-May 15, '31.
- Grasshopper Sparrow. *Ammodramus savannarum*. s r, uncommon. Apr. 9, '33-Nov. 21, '36.
- Vesper Sparrow. *Pooecetes gramineus*. w r. Oct. 19, '38-May 5, '39.
- Bachman's Sparrow. *Aimophila aestivalis*. s r. Mar. 12, '06-Aug. 21, '38.
- Junco. *Junco hyemalis*. w r. Nov. 2, '30-Apr. 15, '37.
- Chipping Sparrow. *Spizella passerina*. p r.
- Field Sparrow. *Spizella pusilla*. p r.
- White-crowned Sparrow. *Zonotrichia leucophrys*. w v, rare. Apr. 11, '36.
- White-throated Sparrow. *Zonotrichia albicollis*. w r. Oct. 12, '30-May 21, '32.
- Fox Sparrow. *Passerella iliaca*. w r. Nov. 11, '23-Mar. 29, '30.
- Lincoln's Sparrow. *Melospiza lincolni*. t v, rare. Apr. 20, '41.
- Swamp Sparrow. *Melospiza georgiana*. w r. Oct. 15, '03-May 13, '39.
- Song Sparrow. *Melospiza melodia*. w r. Oct. 6, '98-May 9, '39.
- Biology Department,
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June, 1941.

GENERAL NOTES

HARLAN'S HAWK IN GEORGIA.—A *Buteo* tentatively identified by James Bond of the Academy of Natural Sciences at Philadelphia, Pennsylvania as Harlan's Hawk (*Buteo borealis harlani*) was killed in eastern Charlton County by Hamp Colson on February 20, 1941. The reddish tail indicated a Western Red-tail (*B. b. calurus*) but the bird was mature and the measurements were under the minimum of those given for that race. Two more dark Red-tails were seen in western Camden County on March 19, 1941. A dark Red-tail with a reddish tail spent some time at the St. Mark's Refuge in Florida where Herbert L. Stoddard and I saw it January 7, 1941. I saw a large dark *Buteo* on Floyd's Island Prairie in the Okefinokee Swamp on February 27, 1936. This bird, which spent most of the winter in the vicinity, did not have a reddish tail.—FREDERICK V. HEBARD, 1500 Walnut Street Building, Philadelphia, Pa.

THE MISSISSIPPI KITE (*Ictinia mississippiensis*) IN RICHMOND COUNTY.—My first record of the Mississippi Kite appearing in Richmond County was on April 29th, 1935. I first saw one bird and returned to the vicinity the next day and found two, a male and female. These disappeared within a few days and I came to the conclusion that they had been killed by hunters. The following year, 1936, I again located a pair of Kites in the same vicinity and these remained to construct their nest. The construction was simple as the birds rebuilt an old, abandoned hawk nest in the top of a tall cypress tree. I recorded this in the July, 1936 issue of The Oriole. I returned to the vicinity from time to time and about the middle of August the young birds were in the air.

In 1937 I found two pairs of Kites in the immediate vicinity and these were also successful in raising a family. A three year forced absence from the field caused me to discontinue my observation of these birds during the years 1938, 1939 and 1940.

On April 15th of this year (1941) I again visited the vicinity favored by the Kites and found one bird circling about in the characteristic graceful manner of flight peculiar to the Kites, so evidently the birds will again nest here this year. Incidentally, this observation establishes a new early spring arrival in my records.—DANIEL W. HENDERSON, Augusta, Georgia.

NEW YEAR'S NOTES FROM ST. SIMONS.—Spending several hours on St. Simons Island, Glynn County, on January 1, 1941, largely in company with my brother Charles, I made some bird records, the most interesting of which are here given:

Lesser Scaup, *Nyroca affinis*.—Over one thousand noted on water between St. Simons and Jekyll Islands. Greater Scaups and other species possibly occurred in the more distant "rafts."

Sora, *Porzana carolina*.—One flushed twice from salt marsh on south end of island. The rail retreated into bordering woods where apparently it settled in a liveoak.

Worthington's Marsh Wren, *Telmatodytes palustris griseus*.—An individual of this very gray form was collected in a bushy marsh-edge along MacKay River, Glynn County, near the causeway. Others were seen there and on the south end.

Acadian Sparrow, *Ammodramus caudacuta subvirgata* (provisionally identified and to be determined by authority).—One collected in salt marsh at the mouth of King Creek, on the South end of St. Simons.

Macgillivray's Seaside Sparrow, *Ammodramus maritima macgillivrayi*.—A specimen taken in the same area of the preceding form, its identity determined by Dr. Harry C. Oberholser of the Fish and Wildlife Service, Washington, D. C.

Wayne's Seaside Sparrow, *Ammodramus maritima waynei*.—At the MacKay River-causeway junction, a bird of this subspecies was taken from a row of bushes along the marsh-edge. Identification was likewise made by Dr. Oberholser.—ROBERT NORRIS, Fitzgerald, Georgia.

ON THE FOOD OF THE SOUTHERN CROW.—Although the food of the Southern Crow (*Corvus brachyrhynchos paulus*) seems to consist mainly of corn, I have seen, on various occasions, individuals of this species picking about the remains of dead animals. I could not approach them closely enough to ascertain if the crows were eating the carrion or the maggots that infested the bodies. In one instance particularly, I saw several crows clustered about the crushed body of a cat on a paved highway. Two vultures were perched on a fence post a short distance away evidently waiting for the crows to depart. I would like to hear from other members of the G. O. S. as to their opinions on this observation and whether or not they have recorded similar occurrences.—DANIEL W. HENDERSON, Box 992, Augusta, Georgia.

WINTER NOTES FROM THE FITZGERALD REGION.—The season (1940-41) was wetter and somewhat milder than normal, with few cold spells.

There were several first records for the area: Carolina Junco, December 2 (coll.); Lincoln's Sparrow, December 19 (coll.)—also January 11 and February 18 (specimens shown me); Black Duck (2), December 22; Blue-headed Vireo (*solitarius*), December 29 (coll.); Red-breasted Nuthatch, December 30 (female shot—now in my possession).

Other notes of interest follow: A female Buffle-head was noted at Bowen's Mill on December 6, 7, and 14. At Lake Beatrice a pair was seen on the 22nd. Short-billed Marsh Wrens proved not uncommon and were first recorded December 17. We found Cedar Waxwings and Purple Finches

almost lacking until the season's end; no Yellow-throated Warblers or Blue-gray Gnatcatchers were seen. Bronzed Grackles were shot December 26 and January 4 (Hopkins). A specimen of Henslow's Sparrow was taken January 8, only midwinter record. Grasshopper Sparrows were found moderately common in grass fields and bordering thickets from early January on, and specimens were obtained.

At Crystal Lake, Irwin County, on January 12, a great, inestimable secondary migration was observed, its magnitude being worthy of record. It consisted of Robins, Grackles, and Cowbirds, in respective abundance. The mass, lasting for ten minutes, literally covered the sky in every direction, and loosely connected legions came over for twenty minutes following the concentration.—ROBERT NORRIS, *Fitzgerald, Georgia*.

SPRING NOTES FROM THE FITZGERALD REGION.—The advent of spring was somewhat late and the weather was excessively dry, which is quite unusual for April in particular.

New regional records include Yellow Palm Warbler, April 5 (coll.); Rough-winged Swallow, April 26 and 27 (3); Eastern Nighthawk (*minor*) May 7 (coll.); Gray-checked Thrush, May 8 (coll.); Veery, May 12 (coll.).

Migration arrivals that seem relatively early are the following: Louisiana Water-Thrush, March 9; Chestnut-sided Warbler, March 22 (male noted—Hopkins); Cape May and Black-throated Blue Warblers, April 11; Redstart, April 12. First spring occurrences were made for the Worm-eating and Blackburnian Warblers (latter seen by Hopkins).

High spots of the breeding season include nests of the Red-tailed Hawk (contents undetermined), Sparrow Hawk, Chuck-will's-widow, Nighthawk, Hummingbird, Kingfisher, Wood Thrush, three Vireos, and Parula Warbler.

We found a number of birds later in the spring than previously recorded—such as: Junco, April 5 (*hyemalis* taken); Field Sparrow, 30th; Swamp Sparrow, May 8; Savannah Sparrow, 10th (three seen in low green meadow, quite unlike winter habitat; one, very dark, collected); Redstart, 20th; Cedar Waxwing and Blackpoll Warbler, 23rd.—ROBERT NORRIS, *Fitzgerald, Georgia*.

REPORT OF SPRING MIGRATION IN THE DALTON AREA.—Given below are the first dates on which some migrants and summer residents were seen in the area around and within Whitfield County.

March 22, Bachman Sparrow; April 2, Rough-winged Swallow; April 4, Black and White Warbler; April 6, Tree Swallows, Prairie Warbler, Blue-gray Gnatcatcher, White-eyed Vireo, and Yellow-throated Warbler; April 7, Chimney Swift; April 10, Louisiana Water-Thrush, hummingbird;

April 11, Green Heron; April 12, Wood Thrush, Black-throated Green Warbler, Hooded Warbler, Spotted Sandpiper, Lesser Yellow-legs; April 13, Blackburnian Warbler; April 20, Nighthawk; April 21, Kentucky Warbler, Crested Flycatcher; April 26, Osprey, White-crowned Sparrow; April 30, Blue-winged Warbler; May 7, Baltimore Oriole, Prothonotary Warbler; May 9, Bay-breasted Warbler, Canada Warbler; May 10, Nashville Warbler (identification arrived at by aid of 6x30 binoculars at a distance of about 25 feet, and Peterson's Guide. The next day another was seen by the writer, R. E. Hamilton and Miss Fannie McLellan); May 17, Connecticut Warbler.

New species observed for the first time in Whitfield County were the Osprey, Semipalmated Plover, Least and Semipalmated Sandpipers, and the Nashville Warbler. No Bobolinks were seen this spring or last fall. The Wilson's Warbler was seen in the spring and fall of 1940, but none were found this past spring. This spring's record of the White-crowned Sparrow is the third record for Whitfield County, as two individuals were noted April 22 and 24, 1940 and another was seen late in October, 1940.

It appeared significant to this observer that waves of warblers were not so evident during the spring migration and numbers seemed reduced. Also very few Rose-breasted Grosbeaks were seen this spring.—MRS. R. E. HAMILTON, 208 E. College Street, Dalton, Georgia.

SEASONAL NOTES FROM ATLANTA.—This spring was one of the driest on record for the region, consequently there was a marked decrease in numbers of all water birds. Migrations in March and the first of April were behind schedule, possibly because of the cool weather prevailing and the late vegetation. After the middle of April, however, the migrations seemed to speed up to normal.

There were very few records of interest; however the following might be mentioned. On a trip to Jackson Lake on March 20 a Cormorant, a Bonaparte's Gull, and a flock of about 20 Red-breasted Mergansers, all uncommon, were observed by C. Wharton and Griffin. On April 5, T. Paxton saw a Black-crowned Night Heron at Candler's Lake. A Sora was found crushed on the highway near Avondale by Charles Wharton on April 23, but the specimen was not preserved. On April 20 on the G. O. S. field trip, a Lincoln's Sparrow was observed by A. F. Ganier of Nashville, Tennessee and others. This is the first definite record of the species from Atlanta.

New migration extremes are as follows: Early spring arrivals: Indigo Bunting, April 5, (Giles, Sciple, Griffin); Acadian Flycatcher, April 16, (Griffin); Yellow-billed Cuckoo, April 20, (Thompson, Griffin). Late spring departures: Osprey, May 5, (Wharton); Spotted Sandpiper, May 31, (Griffin); and Barn Swallow, May 31, (Griffin).

Among the interesting nests found around Atlanta during the spring was that of a Black and White Warbler which was under construction at North Fulton Park on the morning of the G. O. S. field trip on April 20. On May 9 this nest contained 5 eggs. Nests of the Screech Owl, Green Heron, Sparrow Hawk, and other rather elusive nesters in this region were also located.—WILLIAM W. GRIFFIN, *Biology Department, Emory University, Georgia.*

NEWS AND REVIEWS

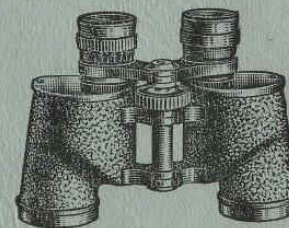
"SCIENTIFIC COLLECTING VS. SIGHT OBSERVATION"—A CORRECTION:—An error was found in the above article as it was published in *The Oriole* (5:40-41, 1940). In the third sentence of the first paragraph, the word "who" should be replaced by "to," and the word "without" by "with." —R. N.

BIRD HOUSES, BATHS, AND FEEDING SHELTERS; HOW TO MAKE AND WHERE TO PLACE THEM.—By Edmund J. Sawyer. Cranbrook Institute of Science, Bloomfield Hills, Mich. Third ed., Dec., 1940, 35 pp., text figures, 9 plates. \$0.20.

This is a bulletin that will be of much use to a person interested in establishing a small back-yard sanctuary. It contains information on the reaction of different species to different houses and a wealth of other pointers and hints that may be used to attract the birds.—W. W. G.



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