

A PRELIMINARY LIST OF THE BIRDS OF SUMMIT, NEW JERSEY.

BY H. H. HANN.

Summit is just within the hilly portion of New Jersey and lies in the Alleghanian zone but is slightly lapped by the Carolinian zone as well. This list is made up from the notes of the Messrs H. F. Merriam, J. C. Callender and myself and were taken principally in three places i. e. the Great Swamp, along the Passaic river extending from Gillette to Hanover and Murray Hill. In a few instances we have taken the notes of friends and in such cases our authority will be quoted. I have arranged the list in four divisions keeping each division in A. O. U. check list order; i. e. Residents, Winter Visitors, Migrants and Summer Visitors and the combination of the Residents and Summer visitors gives us the breeders.

Residents.

Colinus virginianus.—Bob-white. Rare, except where the Chatham Game Club have stocked them.

Bonasa umbellus.—Ruffed Grouse. Common but decreasing in numbers.

Strix pratincola.—American Barn Owl. Rare. Mr. Dickinson has two which he raised. He found the nest by the river below Chatham.

Asio wilsonianus.—American Long-eared Owl. Uncommon. Only one nest found by us.

Syrnium varium.—Barred Owl. Uncommon. We found one occupying a nest, from which we took a set of Red-shouldered Hawk's eggs the spring before.

Megascops asio.—Screech Owl. Common.

Bubo virginianus.—Great Horned Owl. Rare. Occasionally one is found down the Passaic near Hanover. Mr. D. B. Dickinson had one brought to him from Hanover to mount that contained an egg.

Dryobates villosus.—Hairy Woodpecker. Uncommon greater part of year except during winter, when common.

Dryobates pubescens medianus.—Downy Woodpecker. Common.

Melanerpes erythrocephalus.—Red-headed Woodpecker. Uncommon. Only found in two places,—the Great Swamp and down the river near Hanover.

Cyanocitta cristata.—Blue Jay. Abundant.

Corvus brachyrhynchos.—American Crow. Abundant.

Astragalinus tristis.—American Goldfinch. Abundant.

Passer domesticus.—English Sparrow. Abundant.

Melospiza cinerea melodia.—Song Sparrow. Abundant except during the coldest part of the winter, but can always be found.

Cardinalis cardinalis.—Cardinal. Rare.

Ampelis cedrorum.—Cedar Waxwing. Common, but more so during the summer.

Sitta carolinensis.—White-breasted Nuthatch. Common except during the breeding season, when it is very hard to find, as it keeps so quiet.

Bæolophus bicolor.—Tufted Titmouse. Common.

Parus atricapillus.—Chickadee. Common.

Winter Visitors.

Larus argentatus.—Herring Gull. Uncommon in the spring down the Passaic near Chatham. One seen last winter flying over the Great Swamp.

Asio accipitrinus.—Short-eared Owl. Rare.

Cryptoglaux acadica.—Saw-whet Owl. Rare.

Otocoris aplestris.—Horned Lark. Very rare. Only one ever found. Shot last winter in Great Swamp near Myersville.

Carpodacus purpureus.—Purple Finch. Common during migrations, and a few stay all winter.

Loxia curvirostra minor.—American Crossbill. Some winters common and others not seen at all.

Loxia leucoptera.—White-winged Crossbill. Very rare.

Acanthis linaria.—Redpoll. Common some winters and often not seen during others.

Passerina nivalis.—Snowflake. Very rare. Last winter we had them with us for ten days and they were common, but this is the only time we have seen them.

Spizella monticola.—Tree Sparrow. Common.

Junco hyemalis.—Slate-colored Junco. Abundant.

Lanius borealis.—Northern Shrike. Rare.

Olbiorchilus hiemalis.—Winter Wren. Common during migrations and a few stay all winter.

Certhia familiaris americana.—Brown Creeper. Common migrant. A few stay all winter. Mr. Callender saw a pair of old birds with five young fully able to fly, July 23, 1905.

Regulus satrapa.—Golden-crowned Kinglet. Common, but more so during migrations.

Migrants.

Colymbus holboëllii.—Holbccl's Grebe. Rare. Several seen and a few shot down the Passaic.

Podilymbus podiceps.—Pied-billed Grebe. Uncommon.

Anas boschas.—Mallard. Uncommon.

Anas obscura.—Black Duck. Common.

Nettion carolinensis.—Green-winged Teal. Uncommon.

Querquedula discors.—Blue-winged Teal. Uncommon.

Dafila acuta.—Pintail. Uncommon.

Branta canadensis.—Canada Goose. Common.

Ardea herodias.—Great Blue Heron. Common.

Gallinago delicata.—Wilson Snipe. Common.

Buteo borealis.—Red-tailed Hawk. Common. Occasionally one is seen during the winter.

Pandion haliaëtus carolinensis.—American Osprey. Uncommon down the Passaic.

Sphyrapicus varius.—Yellow-bellied Sapsucker.—Uncommon.

Chordeiles virginianus.—Nighthawk. Common.

Nuttallornis borealis.—Olive-sided Flycatcher. Rare.

Euphagus carolinus.—Rusty Blackbird. Common.

Spinus pinus.—Pine Siskin. Common.

Pooecetes gramineus.—Vesper Sparrow. Common.

Passerculus sandwichensis savanna.—Savanna Sparrow. Uncommon.

Zonotrichia leucophrys.—White-crowned Sparrow. Rare.

Zonotrichia albicollis.—White-throated Sparrow. Common.

Passerella iliaca.—Fox Sparrow. Common.

Iridoprocne bicolor.—Tree Swallow. Common.

Vireo solitarius.—Blue-headed Vireo. Common.

Compothlypis americana.—Parula Warbler. Common.

Dendroica cærulescens.—Black-throated Blue Warbler. Common.

Dendroica coronata.—Myrtle Warbler. Common.

Dendroica maculosa.—Magnolia Warbler. Common.

Dendroica striata.—Black-poll Warbler. Common.

Dendroica blackburniæ.—Blackburnian Warbler. Uncommon in comparison with the other warblers.

Dendroica virens.—Black-throated Green Warbler. Uncommon.

Dendroica palmarum hypochrysea.—Yellow Palm Warbler.

Abundant.

Seiurus noveboracensis.—Water-Thrush. Uncommon.

Seiurus motacilla.—Louisiana Water-Thrush. Rare.

Wilsonia pusilla.—Wilson Warbler. Common.

Sitta canadensis.—Red-breasted Nuthatch. Rare.

Regulus calendula.—Ruby-crowned Kinglet. Common.

Hylocichla ustulata swainsonii.—Olive-backed Thrush. Rather uncommon.

Hylocichla guttata pallasii.—Hermit Thrush. Common.

Summer Visitors.

Aix sponsa.—Wood Duck. Rare in the breeding season, when a pair are usually found in the vicinity of Hanover. Common during migrations.

Botaurus lentiginosus.—American Bittern. Common, but nests are very rare.

Butorides virescens.—Green Heron. Common. Found nesting in small colonies of from two to eight or ten pairs.

Nycticorax nycticorax nævius.—Black-crowned Night Heron. Rare. A few still breed near Hanover, where there was a large colony at one time.

Rallus elegans.—King Rail. Rare. A Mr. Littlejohn found a nest down the river in 1895.

Rallus virginianus.—Virginia Rail. Rare. Mr. Littlejohn also found this breeding in the spring of 1895 down the Passaic river.

Philohela minor.—American Woodcock. Common during migrations. A few breed here.

Actitis macularia.—Spotted Sandpiper. Common during migrations. A few breed here.

Zenaidura macroura.—Mourning Dove. Uncommon. Were common eight or ten years ago.

Circus hudsonius.—Marsh Hawk. Common.

Accipter velox.—Sharp-shinned Hawk. Rare.

Buteo lineatus.—Red-shouldered Hawk. Common.

Buteo platypterus.—Broad-winged Hawk. Rare.

Falco sparverius.—American Sparrow Hawk. Common.

Coccyzus americanus.—Yellow-billed Cuckoo. Common.

Coccyzus erythrophthalmus.—Black-billed Cuckoo. Common.

Ceryle alcyon.—Belted Kingfisher.—Common.

Colaptes auratus luteus.—Northern Flicker. Common.

Antrostomus vociferus.—Whippoorwill. Bred some years ago, but not lately. Common migrant.

Chætura pelagica.—Chimney Swift. Abundant.

Trochilus colubris.—Ruby-throated Hummingbird. Uncommon.

Tyrannus tyrannus.—Kingbird. Common.

Myiarchus crinitus.—Crested Flycatcher. Common.

Sayornis phœbe.—Phœbe. Common.

Contopus virens.—Wood Pewee. Common.

Empidonax traillii alorum.—Alder Flycatcher. Mr. L. F. Miller says it is common in Great Swamp, near Myersville.

Empidonax minimus.—Least Flycatcher. Common.

Sturnus vulgaris.—Starling. Rare down river.

Dolichonyx oryzivorus.—Boblink. Common.

Molothrus ater.—Cowbird. Common.

Agelaius phœniceus.—Red-winged Blackbird. Common.

Sturnella magna.—Meadowlark. Common.

Icterus spurius.—Orchard Oriole. Uncommon.
Icterus galbula.—Baltimore Oriole. Common.
Quiscalus quiscula.—Purple Grackle. Common.
Coturniculus savannarum passerinus.—Grasshopper Sparrow.
 Rare..

Spizella socialis.—Chipping Sparrow. Abundant.
Spizella pusilla.—Field Sparrow. Common.
Melospiza georgiana.—Swamp Sparrow. Common locally.
Pipilo erythrophthalmus.—Towhee. Common.
Zamelodia ludoviciana.—Rose-breasted Grosbeak. Common .
Cyanospiza cyanea.—Indigo Bunting. Common.
Pianga erythromelas.—Scarlet Tanager. Common.
Progne subis.—Purple Martin. Very rare breeder. Common
 migrant.

Petrochelidon lunifrons.—Cliff Swallow. Were two small colonies
 eleven years ago. Common migrant.

Hirundo erythrogastra.—Barn Swallow. Common.

Riparia riparia.—Bank Swallow. Uncommon breeder. Common
 migrant.

Stelgidopteryx serripennis.—Rough-winged Swallow. Common
 migrant. Only one known case of their breeding here.

Vireo olivaceus.—Red-eyed Vireo. Common.

Vireo gilvus.—Warbling Vireo. Rare. Only one nest.

Vireo flavifrons.—Yellow-throated Vireo. Uncommon.

Vireo noveboracensis.—White-eyed Vireo. Common.

Mniotilta varia.—Black and White Warbler. Common.

Helmintheros vermivorus.—Worm-eating Warbler. Very rare. We
 have found only one nest.

Helminthophila pinus.—Blue-winged Warbler. Common.

Dendroica aestiva.—Yellow Warbler. Common.

Dendroica pensylvanica.—Chestnut-sided Warbler. Common.

Seiurus auropellus.—Oven-bird. Abundant.

Geothlypis trichas brachidactyla.—Northern Yellow-throat. Com-
 mon.

Icteria virens.—Yellow-breasted Chat. Common.

Setophaga ruticilla.—American Redstart. Common migrant. A
 few stay to breed.

Galeoscoptes carolinensis.—Catbird. Abundant.

Toxostoma rufus.—Brown Thrasher. Common.

Thryothorus ludovicianus.—Carolina Wren. Very rare.

Troglodytes aëdon.—House Wren. Common.

Cistothorus stellaris.—Short-billed Marsh Wren. Uncommon.
 Found in Great Swamp and down the river below Chatham.

Tematodytes palustris.—Long-billed Marsh Wren. Common lo-
 cally.

Hyllocichla mustelina.—Wood-Thrush. Abundant.

Hycichla fuscescens.—Wilson Thrush. Common.

Merula migratoria.—Robin. Abundant.

Sialia sialis.—Bluebird. Abundant.

We have several species that we expect to be able to add to this list but at present do not feel that we have enough data.

Our list as above gives us 20 Residents; 15 Winter Visitors; 42 Migrants and 72 Summer Visitors giving us 92 breeding species and 149 species all told.