

in bands of several hundred each. The median date of spring arrival is February 27, the earliest being February 17, 1897; the median date of departure is October 25. The bulk moves south about the middle of October, or with the first severe frosts. Only a few breed on the sand spit, and I have never found many in the migrations.

ONE DAY'S OBSERVATION OF NORTHERN NEW JERSEY BIRDS.

BY LOUIS S. KOHLER.

Appended hereto will be found a list of birds observed in several Northern New Jersey towns on May 26, 1910. This date in this locality is one that may be included in the last leg of the vernal migration period, and, also, one on which an observer may locate a number of species nesting. The country canvassed in securing this list includes Bloomfield, in Essex County, Mountain View, Wayne, Pompton and Pompton Plains, in Morris County, Pompton Junction and Pompton Lake, in Passaic County, and Oakland, in Bergen County. This list includes thirty-eight established residents, five late migrants and five casual visitors, making a total of forty-eight species observed.

ESTABLISHED RESIDENTS

- (1) *Actitis macularia*.—Spotted Sandpiper. One seen at Bloomfield.
- (2) *Accipiter velox*.—Sharp-shinned Hawk. One seen at Bloomfield.
- (3) *Coccyzus americanus*.—Yellow-billed Cuckoo. Two seen along west shore of Pompton Lake.
- (4) *Ceryl alcyon*.—Belted Kingfisher. Common at Pompton Lake and Pompton Junction.
- (5) *Colaptes auratus luteus*.—Northern Flicker. Common at Pompton Junction and Oakland. Few found at Bloomfield and Wayne. Nest found at Pompton Lakes.
- (6) *Chatura pelagica*.—Chimney Swift. Common generally. Nest and four eggs found in chimney at Pompton Junction.
- (7) *Tyrannus tyrannus*.—Kingbird. Common at Pompton Junction and Pompton Lakes. One at Mountain View.

(8) *Sayornis phæbe*.—Phæbe. Two at Pompton Lakes with nest and three eggs.

(9) *Horizopus virens*.—Wood Pewee. One at Pompton Lake.

(10) *Empidonax minimus*.—Least Flycatcher. Common generally.

(11) *Cyanocitta cristata*.—Blue Jay. Common at Bloomfield and Pompton Junction.

(12) *Corvus brachyrhynchos*.—American Crow. Common at Mountain View. Few found at Wayne and Pompton Junction.

(13) *Sturnus vulgaris*.—Starling. Common at Bloomfield. Nest with three young birds about ready to leave nest.

(14) *Molothrus ater*.—Cowbird. Abundant at Pompton Lakes.

(15) *Agelaius phæniceus*.—Red-winged Blackbird. Common at Wayne.

(16) *Sturnella magna*.—Meadowlark. Common generally.

(17) *Icteria spurius*.—Orchard Oriole. One at Pompton Lake.

(18) *Icteria galbula*.—Baltimore Oriole. Common generally. Nest and eggs at Pompton Junction.

(19) *Quiscalus quiscula*.—Purple Grackle. Small flock at Pompton Plains.

(20) *Astragalinus tristis*.—American Goldfinch. Abundant at Pompton Lakes and Pompton Junction.

(21) *Spizella socialis*.—Chipping Sparrow. Common at Bloomfield.

(22) *Spizella pusilla*.—Field Sparrow. Common at Pompton Lakes. Several at Pompton.

(23) *Melospiza cinerea melodia*.—Song Sparrow. Common generally. Young birds found at Wayne, Pompton and Pompton Lakes.

(24) *Pipilo erythrophthalmus*.—Towhee. Abundant at Pompton Junction.

(25) *Zamelodia ludoviciana*.—Rose-breasted Grosbeak. One at Mountain View.

(26) *Cyanospiza cyanea*.—Indigo Bunting. Common generally.

(27) *Piranga erythromelas*.—Scarlet Tanager. Abundant at Pompton Junction.

(28) *Hirundo erythrogastra*.—Barn Swallow. Common generally. Nest and three young at Pompton Junction.

(29) *Iridoprocne bicolor*.—Tree Swallow. Abundant at Pompton Lake.

(30) *Riparia riparia*.—Bank Swallow. Common at Pompton Lake. Nesting at Oakland, N. J.

(31) *Vireo olivaceus*.—Red-eyed Vireo. Common generally. Nest and eggs at Bloomfield.

- (32) *Vireo flavifrons*.—Yellow-throated Vireo. Abundant generally.
- (33) *Dendroica aestiva*.—Yellow Warbler. Abundant generally. Nest and three young at Bloomfield.
- (34) *Geothlypis trichas*.—Maryland Yellow-throat. Abundant generally.
- (35) *Setophaga ruticilla*.—American Redstart. Common at Pompton Junction.
- (36) *Geothlypis carolinensis*.—Catbird. Common at Pompton Lakes. Several found in Oakland.
- (37) *Hylocichla mustelina*.—Wood Thrush. Common at Bloomfield and Pompton Junction. Nest and three eggs at Pompton Junction.

LATE MIGRANTS

- (39) *Dolichonyx oryzivorus*.—Bobolink. One at Wayne. Two at Bloomfield.
- (40) *Zonotrichia albicollis*.—White-throated Sparrow. Common at Bloomfield.
- (41) *Dendroica pensylvanica*.—Chestnut-sided Warbler. One at Bloomfield.
- (42) *Seiurus aurocapillus*.—Oven-bird. Three at Bloomfield.
- (43) *Wilsonia mitrata*.—Hooded Warbler. One at Bloomfield.

CASUAL VISITORS

- (44) *Pandion haliaetus carolinensis*.—American Osprey. One at Lake Inez, Pompton Lakes.
- (45) *Gallinago delicata*.—Wilson's Snipe. One at Bloomfield.
- (46) *Zenaidura macroura*.—Mourning Dove. One at Wayne. Was formerly a casual resident, but quite rare now.
- (47) *Vireo gilvus*.—Warbling Vireo. One at Lake Inez, Pompton Lakes.
- (48) *Sitta carolinensis*.—White-breasted Nuthatch. One at Pompton Lakes.

THE END OF THE NIGHT.

It was night. No one was stirring in the village streets. A few brilliant stars gleamed from out the black sky. The late rising moon was still hid behind a massive bank of clouds piled up in majestic serenity on the eastern horizon.

I started home, afoot. It was five miles, but what cared I? Delicious memories of the blissful hours' just over were