

Report on the Spring Migration of 1915

COMPILED BY WITMER STONE

REPORTS were returned this season by 53 observers and showed a higher average of excellence than for many years past. The D. V. O. C. Committee on Migration extends thanks to the corps of observers and encouragement to continue the valuable work in which many of them have been engaged now for ten years or more. Information and blank schedules may be obtained at any time from Dr. Witmer Stone, Academy of Natural Sciences of Philadelphia, Logan Square. Attention is particularly called to the "Suggestions for Observers" published in last year's report, which every observer should read carefully and follow.

Observers for the Spring of 1915 were as follows :

New Jersey

Cape May, H. W. Hand.	Moorestown, Mrs. V. Wier-
Atlantic City, Mrs. N. S.	man.
Cromie.	Rancocas, Miss E. Haines.
Salem, Mrs. H. S. Foster.	Mount Holly, N. D. W.
Vineland, Mrs. A. K. Prince.	Pumyea.
Downstown, W. W. Fair.	Beverley, D. G. Baird.
Laurel Springs, Miss C. E.	Bordentown, Miss M. V.
Tomlinson.	Flynn.
Camden, J. K. Potter.	Yardville, Miss R. E. Allin-
Audubon, J. W. Tatum.	son.
Haddonfield, R. T. Moore.	Allentown, Miss M. E. Gor-
Moorestown, A. A. Mickle.	don.
	Bernardsville, J. D. Kuser.

Pennsylvania

Concordville, Mrs. K. R. Styer, Miss E. P. Styer.	Bryn Mawr, Miss E. H. Thomas.
Media, L. Omensetter.	Rosemont, S. Scoville Jr.
Media, J. P. Moore.	Wayne, Mrs. M. V. Alexander.
Media, Miss L. G. Allen.	Wayne, Miss M. K. Baker.
Swarthmore, Dr. S. C. Palmer.	Westtown, W. B. Evans, C. Jones.
Swarthmore, H. M. Harrower.	West Chester, R. P. Sharples.
Swarthmore, P. E. Howard, Jr.	West Chester, I. G. Roberts.
Ridley Park, R. L. Lloyd.	West Chester, Miss S. C. De Haven.
Ridley Park, C. V. Gross.	Newtown, Rev. A. Patman.
Ridley Park, Wm. J. Myatt.	Newtown, Miss M. Packer.
Addingham, D. E. Culver.	Doylestown, G. MacReynolds.
Lansdowne, J. D. Carter.	Mozart, M. Slack and H. A. Rand.
Norwood, J. E. Packer.	Forest Grove, Miss A. K. Bewley.
Germantown, S. Mason, Jr.	Buckingham, Miss E. C. Cox.
Chestnut Hill, W. H. Trotter.	Lopez, O. Behr.
Frankford, R. F. Miller.	
Ardmore, W. L. Baily.	
Haverford, W. J. Serill.	
Haverford, G. H. Hallett, Jr.	

The open winter during January and February rendered an early movement of the first migrants possible, and Bluebirds and Purple Grackles were twelve days earlier than in 1914. High temperature April 19-20 and 24-27 was accompanied by a very heavy flight, and many species arriving about the end of April, were earlier than normal this year. Variable weather in May, with much rain, caused considerable irregularity among the late arrivals and concentrated movements on certain favorable days.

*List of Other Species Reported by Observers during 1915,
and Additional Notes on Species Contained in the
Schedule. Autumn Dates Refer to Autumn
of 1914 Unless Otherwise Stated.**

Pied-billed Grebe, *Podilymbus podiceps*. Camden, N. J., Apr. 13 (*Potter*); Westtown, Apr. 8 occasionally to May 2 (*Jones and Evans*).

Loon, *Gavia immer*. Fish House, N. J., Apr. 25-30 (*Potter*); Lopez, two, Apr. 22 (*Behr*); Westtown, Apr. 26 and 27 (*Jones and Evans*).

Herring Gull, *Larus argentatus*. Mouth of Maurice River, N. J., Aug. 14, 1914 (*Prince*); arrived Frankford, Oct. 15 (*Miller*); Beverly, N. J., Sept. 14 to May 9 (*Baird*); Wayne, Feb. 17, three (*Alexander*).

Ring-billed Gull, *Larus delawarensis*. Essington, Mar. 19, several (*Miller*).

Laughing Gull, *Larus atricilla*. Cape May, N. J., May 1 (*Hand*); mouth of Maurice River, N. J., Sept. 12, 1914 (*Prince*).

Bonaparte's Gull, *Larus philadelphia*. Fish House, N. J., Apr. 25-26 (*Potter*).

Wilson's Petrel, *Oceanites oceanicus*. Below Egg Island Light, Delaware Bay, Aug. 14 and 27, 1914 (*Prince*).

Double-crested Cormorant, *Phalacrocorax auritus*. Cape May, N. J., Mar. 16 (*Hand*).

Merganser, *Mergus americanus*. Feb. 12 to Apr. 16 (*Potter*); Audubon, N. J., Apr. 8 (*Tatum*).

Mallard, *Anas platyrhynchos*. Audubon, N. J., May 23 (*Tatum*).

Black Duck, *Anas rubripes*. Cape May, N. J., fed largely on periwinkle; most of those taken were full of them (*Hand*); Avalon, N. J., Dec. 9, 1914 (*Prince*).

Pintail, *Dafila acuta*. Fish House, N. J., Feb. 19-21 (*Potter*).

Wood Duck, *Aix sponsa*. Millville, N. J., eight, Oct. 12 (*Potter*).

* Localities are in Pennsylvania unless otherwise marked.

Lesser Scaup Duck, *Marila affinis*. Buckshutem, N. J., Mar. 6 (*Prince*); Fish House, N. J., Mar. 28 to Apr. 23 (*Potter*).

Bufflehead Duck, *Charitonetta albeola*. A pair at Doylestown, Apr. 23 (*MacReynolds*).

Scoter, *Oidemia americana*. Fish House, N. J., Oct. 17 (*Potter*).

Canada Goose, *Branta c. canadensis*. Vineland, N. J., flock of 200, Oct. 26, 1914, and another Feb. 3 (*Prince*).

Bittern, *Botaurus lentiginosus*. Pt. Elizabeth, Maurice River, N. J., Aug. 26 (*Prince*); Bustleton, May 11; Thoroughtfare, June 5 (*Miller*).

Least Bittern, *Ixobrychus exilis*. Fish House, N. J., May 23 (*Potter*); Bridesburg, nest with eggs, May 20 (*Miller*).

Great Blue Heron, *Ardea herodias herodias*. Wayne, Sept. 10, 1914 (*Baker*); Westtown, Apr. 13 (*Evans and Jones*); five on Neshaminy Creek, Forest Grove, Apr. 25 (*Bewley*).

White Egret, *Herodias egretta*. Maple Shade, N. J., Aug. 15 (*Miller*).

Black-crowned Night Heron, *Nycticorax n. naevius*. Bernardsville, N. J., Apr. 21 (*Kuser*).

King Rail, *Rallus elegans*. Cape May, N. J., May 23, nest and 14 eggs (*Hand*); Fish House, N. J., Oct. 17 (*Potter*).

Sora, *Porzana carolina*. Bridesburg, four nests during June with 7, 9, 11 and 12 eggs (*Miller*).

Little Black Rail, *Creciscus jamaicensis*. Stone Harbor, N. J., May 30, flushed bird (*Miller*).

Florida Gallinule, *Gallinula galeata*. Bridesburg, three pairs nested, nest and 12 eggs, May 31; another with 11 eggs, June 12; June 25, seven young nearly half-grown (*Miller*).

Woodcock, *Philohela minor*. Buckshutem, N. J., Apr. 4 (*Prince*); Fish House, N. J., Apr. 4 (*Potter*); Media, Mar. 17 (*Moore*); Swarthmore, Mar. 14 and 17, Apr. 5 and 9, May 12 (*Harrower*); Jordantown, June 1, and Palmyra, N. J., June 20 (*Miller*); Haverford, Apr. 26 (*Dunn*); Forest Grove, Apr. 10 (*Bewley*); Lopez, Apr. 7 (*Behr*); Doylestown, Mar. 21 (*MacReynolds*).

Wilson's Snipe, *Gallinago delicata*. Cape May, N. J., Mar. 20 (*Hand*); Camden, N. J., Apr. 4-11 and May 17 (*Potter*);

Audubon, N. J., May 21 (*Tatum*); Addingham, Apr. 20 (*Culver*); Holmesburg, Apr. 30 (*Miller*); Haverford, Apr. 26 (*Dunn*); Forest Grove, Apr. 10 (*Bewley*); Doylestown, three on Apr. 14 (*MacReynolds*).

Pectoral Sandpiper, *Pisobia maculata*. Camden, N. J., Nov. 8, 1914 (*Potter*).

Least Sandpiper, *Pisobia minutilla*. Atlantic City, N. J., May 2 (*Cromie*); Camden, N. J., May 9-23, flocks of 3 to 30 (*Potter*).

Semipalmated Sandpiper, *Ereunetes pusillus*. Atlantic City, N. J., May 18 (*Cromie*).

Greater Yellowlegs, *Totanus melanoleucus*. Cape May, N. J., Apr. 12 (*Hand*); Atlantic City, N. J., May 2 (*Cromie*); Camden, N. J., May 1-23 (*Potter*); Bernardsville, N. J., May 3 (*Kuser*); Darby Creek marshes near Essington, May 9 (*Packer*); Ridley Park, May 7 (*Gross*).

Lesser Yellowlegs, *Totanus flavipes*. Cape May, N. J., May 3 (*Hand*).

Willet, *Catoptrophorus semipalmatus*. Seaside Park, N. J., four seen Aug. 23, 1914 (*Potter*).

Upland Plover, *Bartramia longicauda*. Cape May, N. J., Apr. 12 (*Hand*); Rushland, May 31 (*Potter*); Doylestown, May 6, several (*MacReynolds*).

Hudsonian Curlew, *Numenius hudsonicus*. Cape May, N. J., Apr. 19 (*Hand*).

Black-bellied Plover, *Squatarola squatarola*. Cape May, N. J., May 3 (*Hand*); Seaside Park, N. J., flock of 20, Aug. 23, 1914 (*Potter*).

Killdeer, *Oxyechus vociferus*. Buckshutem, N. J., nest and two eggs, Mar. 26; heavy snowstorm, Apr. 2, and nest deserted with three eggs; Apr. 20, nest and four eggs near same spot (*Prince*); Haddonfield, N. J., two nests with eggs on Country Club grounds a quarter of a mile apart, Apr. 30, one incubated about two weeks (*Moore*).

Semipalmated Plover, *Aegialitis semipalmata*. Cape May, N. J., May 9 (*Hand*); Atlantic City, N. J., May 18 (*Cromie*); Camden, N. J., May 22 (*Miller*).

Piping Plover, *Aegialitis meloda*. Cape May, N. J., Sept. 2, 1915 (*Culver*).

Dove, *Zenaidura macroura carolinensis*. Swarthmore, nest and eggs, Mar. 30 (*Harrower*); Addingham, six or eight wintered (*Culver*).

Turkey Vulture, *Cathartes aura septentrionalis*. Nest and two young in small rock cave near Bycot Station on Buckingham Mt., apparently the first breeding record for Bucks Co., where twenty years ago this bird was almost unknown (*MacReynolds*).

Broad-winged Hawk, *Buteo platypterus*. Audubon, N. J., May 7 (*Tatum*); Norwood, several Apr. 18, only one a week later (*Packer*); Westtown, a pair May 2 (*Evans and Jones*); Addingham, Apr. 17 (*Culver*).

Rough-legged Hawk, *Archibuteo lagopus sanctijohannis*. Tinticum, Mar. 19 (*Miller*).

Bald Eagle, *Haliaetus leucocephalus*(?). Swarthmore, one seen flying before a storm, May 22, a dark bird showing no white (*Palmer*).

Pigeon Hawk, *Falco columbarius*. Audubon, N. J., May 9 (*Tatum*); Doylestown, Apr. 7 and 12 (*MacReynolds*); Wildwood, N. J., May 2 (*Rhoads*).

Wood Duck, *Aix sponsa*. Audubon, N. J., Apr. 10 (*Tatum*); Forest Grove, Bucks Ca., Apr. 7 (*Bewley*).

Duck Hawk, *Falco peregrinus anatum*. Chester, Mar. 2 (*Carter*).

Osprey, *Pandion haliaetus carolinensis*. Buckshutem, N. J., three occupied nests summer 1914, birds had left nests Sept. 12 (*Prince*); Pensauken Creek, N. J., July 9 (*Miller*).

Barn Owl, *Aluco pratincola*. Gloucester, N. J., Oct. 25 to Mar. 28 (*Potter*); Swarthmore, one shot Mar. 21 (*Palmer*).

Long-eared Owl, *Asio wilsonianus*. Gloucester, N. J., Dec. 25, 1914 to Feb. 13, 1915 (*Potter*).

Short-eared Owl, *Asio accipitrinus*. Camden, N. J., Oct. 7, 1914 (*Potter*); North Pensauken Creek, N. J., Aug. 22 (*Miller*).

Yellow-billed Cuckoo, *Coccyzus a. americanus*. Camden, N. J., nest with one fully-feathered young, Sept. 5, 1914 (*Potter*).

Kingfisher, *Ceryle alcyon alcyon*. One wintered at Swarth-

more (*Harrower*); Doylestown, a pair wintered at Turk Dam (*MacReynolds*).

Hairy Woodpecker, *Dryobates v. villosus*. Camden, N. J., nest with young, May 8 (*Potter*).

Red-headed Woodpecker, *Melanerpes erythrocephalus*. Juvenal bird, Marple, Feb. 12 (*Culver*); West Chester, two on Feb. 6 (*Brinton*); Haddonfield, N. J., June 15-29 (*Moore*).

Yellow-bellied Sapsucker, *Sphyrapicus varius varius*. Swarthmore, Jan. 9 (*Harrower*); Ridley Park, Jan. 2 (*Gross*).

Flicker, *Colaptes auratus luteus*. Addingham, four or five wintered (*Culver*).

Hummingbird, *Archilochus colubris*. Last seen Vineland, N. J., Sept. 28, 1914 (*Prince*).

Great-crested Flycatcher, *Myiarchus crinitus*. Last seen Buckshutem, N. J., Sept. 17, 1914 (*Prince*).

Olive-sided Flycatcher, *Contopus borealis*. Lopez, May 29 (*Behr*).

Yellow-bellied Flycatcher, *Empidonax flaviventris*. Last seen Buckshutem, N. J., Sept. 17, 1914 (*Prince*); Moorestown, N. J., May 8 (*Mickle*); Pocono Lake, Pa., nest and four eggs, June 26 (*Stuart*), nest and young, July 19 (*Baily*), eggs, May 24 (*Bewley*).

Alder Flycatcher, *Empidonax trailli alnorum*. Rushland, May 30 (*D. V. O. C.*); Pocono Lake, Pa., nest and one egg, June 12 (*Carter*), nest and three eggs, July 17 (*Baily*).

Blue Jay, *Cyanocitta cristata cristata*. Became much more plentiful at Media, Mar. 7 (*Moore*); not seen about Frankford until Apr. 26 (*Miller*); Haverford, none until Mar. 8, and quite abundant after Apr. 13 (*Hallett*); Forest Grove, nest and five eggs, May 23 (*Bewley*).

Meadow Lark, *Sturnella magna magna*. Rosemont, May 23, nest and five eggs (*Scoville*); Forest Grove, nest and four eggs, May 24 (*Bewley*).

Red-winged Blackbird, *Agelaius phoeniceus phoeniceus*. Rosemont, May 20, nest and four eggs (*Scoville*).

Bobolink, *Dolichonyx oryzivorus*. Torresdale, June 28 (*Miller*).

Purple Grackle, *Quiscalus quiscula quiscula*. Cape May, N. J., Dec. 27, 1914, flock (*Hand*); a flock wintered 1914-15 at West Chester (*Sharples*); a number wintered with Starlings in evergreens at Concordville (*Styer*).

Purple Finch, *Carpodacus p. purpureus*. Addingham, a few wintered (*Culver*); last seen at Norwood, May 2 (*Packer*); arrived Frankford, Oct. 21 (*Miller*); Haverford, none till Apr. 27 (*Hallett*); Rosemont, Mar. 18 and 25, flock in song, only one pink male (*Scoville*); Doylestown, Apr. 27 (*MacReynolds*); West Chester, Apr. 27 to May 8 (*Brinton*); Westtown, last seen May 2 (*Evans and Jones*).

Goldfinch, *Astragalinus tristis tristis*. Swarthmore, very abundant Apr. 28 (*Palmer*); Addingham, six wintered (*Culver*); rare until Mar. 26, Haverford, very abundant after May 3 (*Hallett*).

Redpoll, *Acanthis linaria linaria*. Wyncote, ten to fifteen, Jan. 24 (*Culver*).

Pine Finch, *Spinus pinus*. Audubon, N. J., Apr. 10 (*Tatum*).

Vesper Sparrow, *Poocetes gramineus gramineus*. Cape May, N. J., Feb. 28, 1915 (*Hand*); Norwood, Jan. 10, one feeding with Juncos (*Packer*).

Henslow's Sparrow, *Ammodramus henslowi*. Meadows along Maurice River, N. J., heard singing, Aug. 15, 1914 (*Prince*); Sussex, N. J., observed singing in bog, undoubtedly breeding or had bred there, July 9 (*Moore and Rhoads*); New London, Chester Co., six carefully observed Oct. 11, 1914 (*Roberts*); New Lisbon, N. J., nest and four eggs May 30 (*Stuart*).

White-throated Sparrow, *Zonotrichia albicollis*. Audubon, N. J., Nov. 10, 1914 to May 6 (*Tatum*); Moorestown, N. J., Sept. 22, 1914, to May 24 (*Mickle*); Rancocas, N. J., Sept. 20, 1914 to May 17 (*Haines*); Haverford, abundant Apr. 5 until May 19 (*Hallett*); last seen Camden, N. J., May 23 (*Potter*); Addingham, May 12 (*Culver*); Norwood, May 25 (*Packer*); Ridley Park, May 2 (*Lloyd*); Rosemont, May 23 (*Scoville*); Doylestown, Apr. 25 to May 16 (*MacReynolds*); Wayne, Sept. 25, 1914 to May 23 (*Baker*); Westtown, May

18 (*Jones and Evans*); West Chester, Sept. 11, 1914 to May 22 (*Sharples*); Beverly, N. J., Sept. 18, 1914 to May 16 (*Baird*).

Field Sparrow, *Spizella pusilla pusilla*. Addingham, six wintered (*Culver*); Swarthmore, Feb. 22 (*Harrower*).

Tree Sparrow, *Spizella m. monticola*. Last seen Camden, N. J., Apr. 4 (*Potter*); Norwood, Mar. 28 (*Packer*); Frankford, Oct. 22, 1914 to Apr. 18 (*Miller*); Westtown, Mar. 19 (*Jones and Evans*); Doylestown, scarce, only seen Mar. 15 and 29 (*MacReynolds*); arrived Wayne, Oct. 24, 1914 (*Baker*); West Chester, Mar. 17 (*Roberts*); Beverly, N. J., Oct. 5 to Feb. 12 (*Baird*).

Junco, *Junco h. hyemalis*. Last seen Camden, N. J., Apr. 23 (*Potter*); Addingham, Apr. 20 (*Culver*); Norwood, Apr. 18 (*Packer*); Ridley Park, Apr. 15 (*Lloyd*); Haverford, Apr. 21 (*Hallett*); Moorestown, N. J., Sept. 11, 1914 to Apr. 24 (*Mickle*); Rancocas, N. J., Sept. 28, 1914 (*Haines*); Yardville, N. J., Nov. 12, 1914 to Apr. 14 (*Allinson*); Frankford, Oct. 17, 1914 to Apr. 27 (*Miller*); Wayne, Oct. 1, 1914 to Apr. 27 (*Baker*); Westtown, Apr. 27 (*Jones and Evans*); West Chester, Apr. 18 (*Sharples*); Doylestown, Oct. 1 to Apr. 20 (*MacReynolds*); Beverly, N. J., Oct. 12 to Apr. 14 (*Baird*); West Chester, Sept. 21, 1914 to Apr. 17 (*DeHaven*), Apr. 23 (*Roberts*).

Fox Sparrow, *Passerella iliaca iliaca*. Swarthmore, Jan. 1 (*Palmer*).

Cardinal, *Cardinalis cardinalis cardinalis*. Nest at Forest Grove, Bucks Co., May 15 (*Bewley*); nests at Doylestown (*MacReynolds*).

Rose-breasted Grosbeak, *Zamelodia ludoviciana*. Oakview, July 14 (*Culver*); two nests at Torresdale (*Miller*).

Tree Swallow, *Iridoprocne bicolor*. Nest and six eggs, Pensauken Creek, N. J., June 1; two males and one female seen (*Miller*).

Cedarbird, *Bombycilla cedrorum*. Cape May, N. J., Nov. 6, 1914, flocks (*Hand*); Swarthmore, Feb. 10, flock of ten, common, Mar. 19-28 (*Harrower*); West Chester, flock of 100 on Mar. 23 (*DeHaven*).

Northern Shrike, *Lanius borealis*. Haddonfield, N. J., two, Mar. 2 (*Moore*).

Prothonotary Warbler, *Protonotarea citrea*. Henderson, Md., June 4-5, two new nests made of green moss in old Downy Woodpecker holes, also one with young (*Scoville* and *Stuart*).

Worm-eating Warbler, *Helminthos vermivorus*. Addingham, Sept. 4, 1915, first I have seen in Darby Creek Valley (*Culver*); nest and four eggs, Chestnut Hill, June 17 (*Miller*).

Blue-winged Warbler, *Vermivora pinus*. Moorestown, N. J., May 1 (*Mickle*).

Hybrid Warbler, *Vermivora leucobronchialis*. Sussex, N. J., July 8, young bird of year secured from family of three or four; pure adult Golden-winged parent present. See "Auk" for April, 1916 (*Moore*).

Golden-winged Warbler, *Vermivora chrysoptera*. Moorestown, N. J., May 1 (*Mickle*); Norwood, May 2 (*Packer*); Haverford, Apr. 27 and May 18 (*Hallett*); May 9 (*Serrill*); Ardmore, May 9 (*Baily*).

Nashville Warbler, *Vermivora r. rubricapilla*. Audubon, N. J., May 25 (*Tatum*); Moorestown, N. J., Apr. 30 (*Mickle*); Swarthmore, May 3 (*Harrower*); West Chester, Apr. 28 and May 1 (*Roberts*); Ardmore, May 16 (*Baily*).

Tennessee Warbler, *Vermivora peregrina*. Addingham, one shot Sept. 26, 1914 (*Culver*); Ardmore, May 18 (*Baily*).

Cape May Warbler, *Dendroica tigrina*. Buckshutem, N. J., Sept. 14, 15 and 20, 1914 (*Prince*); Moorestown, N. J., May 22, many present for nearly a week, one on May 31 (*Wiermann*); Swarthmore, several May 12-19 (*Harrower*); Addingham, one shot, Sept. 26, 1914, another Sept. 4, 1915 (*Culver*); Lansdowne, May 13, 15 and 17 (*Carter*); Norwood, several males and four females, May 9 (*Packer*); Haverford, May 10-11, at least nine (*Hallett* and *Serrill*); West Grove, Chester Co., Sept. 12, 1914 (*Roberts*); Ardmore, May 10 (*Baily*); Concordville, May 10 (*Styer*); Rosemont, May 16 (*Scoville*); West Chester, May 7-19 (*DeHaven*).

Bay-breasted Warbler, *Dendroica castanea*. Camden, N. J.,

May 22-23 (*Potter*); Audubon, N. J., May 16 (*Tatum*); Mooretown, N. J., six on May 23 (*Wiermann*); Bernadsville, N. J., May 23 (*Kuser*); Swarthmore, May 19, 25-31 (*Harrower*); Ridley Park, May 15 (*Gross*); Haverford, May 18, 19, 28 and 31 (*Hallett* and *Serrill*); Rosemont, May 23 (*Scoville*); Westtown, May 18-19 (*Evans* and *Jones*); Ardmore, May 18 (*Baily*); West Chester, May 24-26 (*DeHaven*).

Pine Warbler, *Dendroica vigorsi*. Noted regularly at Ad-dingham every spring and a few in autumn (*Culver*).

Palm Warbler, *Dendroica palmarum palmarum*. City Hall, Oct. 25 (*Baily*); Oct. 17 (*Culver*).

Prairie Warbler, *Dendroica discolor*. New Lisbon, N. J., June 20, nest in laurel bush, lined with fern wool, four eggs (*Scoville*).

Louisiana Water Thrush, *Seiurus motacilla*. Haverford, Apr. 27, and several times later, well identified (*Hallett*).

Mourning Warbler, *Oporornis philadelphia*. Swarthmore, male shot June 4 (*Palmer*).

Maryland Yellow-throat, *Geothlypis trichas trichas*. Buckshutem, N. J., arrived Apr. 21, building by May 8, two eggs May 15, four eggs May 18, young well grown June 5 (*Prince*).

Hooded Warbler, *Wilsonia citrina*. Cape May, N. J., May 4 (*Hand*); Camden, N. J., May 9 and 11 (*Potter*).

Wilson's Warbler, *Wilsonia pusilla*. Ridley Park, May 12 (*Gross*); Haverford, May 16 and 18 (*Hallett*); Rosemont, May 23 (*Scoville*); Westtown, May 20 (*Evans* and *Jones*); Ardmore, May 16 (*Baily*); Beverly, N. J., May 17 (*Street*); Camden, N. J., May 18 (*Potter*); Audubon, N. J., May 19 (*Tatum*); West Chester, May 18 (*Roberts*).

Redstart, *Setophaga ruticilla*. Buckshutem, N. J., seen a great deal May 8-20, found with young at same spot June 22 (*Prince*).

Titlark, *Anthus rubescens*. Norwood, Mar. 28, flock of 10 to 15 (*Packer*); West Chester, Mar. 29 and May 10 (*Sharples*); Doylestown, Nov. 8, 1914, and Apr. 30 (*MacReynolds*).

Mockingbird, *Mimus polyglottos*. Westtown, wintering (*Morris*); Westgrove, nesting, June 25 (*Roberts*).

Catbird, *Dumetella carolinensis*. Pleasantville, N. J., Jan.

3 (*Packer and Potter*); Cape May, N. J., Dec. 9, 1914, and Jan. 24, 1915 (*Hand*).

Brown Thrasher, *Toxostoma rufum*. Cape May, N. J., Dec. 9, 1914, and Feb. 3, 1915 (*Hand*).

Carolina Wren, *Thryothorus ludovicianus ludovicianus*. Wayne, present in May, first time in years (*Baker*).

House Wren, *Troglodytes aedon aedon*. Forest Grove, nest and six eggs, May 28 (*Bewley*).

Winter Wren, *Nannus h. hiemalis*. Last seen Addingham, Apr. 27 (*Culver*); Norwood, Apr. 21 (*Packer*); Westtown, May 2 (*Jones and Evans*); Haverford, Apr. 20 to May 3 (*Hallett*); last seen Rosemont, May 9 (*Scoville*); Wayne, Oct. 1, 1914 to May 2 (*Baker*).

Brown Creeper, *Certhia familiaris americana*. Last seen Camden, N. J., Apr. 20 (*Potter*); Moorestown, N. J., Sept. 27, 1914 to May 6 (*Mickle*); Rancocas, N. J., Sept. 15 (*Haines*); Swarthmore, Apr. 27 (*Palmer*); Addingham, Apr. 27 (*Culver*); Norwood, Apr. 28 (*Packer*); Haverford, Apr. 21 (*Hallett*); Wayne, Sept. 21, 1914 to Apr. 24 (*Baker*); Westtown, Apr. 21 (*Jones and Evans*); arrived Beverly, N. J., Oct. 2, 1914 (*Baird*); West Chester, Sept. 26, 1914 (*DeHaven*) to Apr. 28 (*Roberts*); Doylestown, abundant, Apr. 13-20 (*MacKeynolds*); Frankford, Oct. 13, 1914 to Apr. 10 (*Miller*).

White-breasted Nuthatch, *Sitta c. carolinensis*. Rosemont, Apr. 12, building nest, using wood fiber, down and fur (*Scoville*); Wayne, Dec. 30, 1914, one seen on ground drinking melted snow (*Alexander*).

Red-breasted Nuthatch, *Sitta canadensis*. Audubon, N. J., Apr. 10 (*Tatum*); Moorestown, N. J., Jan. 16 (*Mickle*); Germantown, Feb. 27 (*Mason*); Wayne, Oct. 2, 11 and 12, 1914, and May 19 and 23 (*Baker*).

Chickadee, *Parus atricapillus*(?). Haverford, Apr. 26 and May 11, one on each date (*Hallett and Dunn*); Crum Creek, Feb. 22 (*Baily*).

Golden-crowned Kinglet, *Regulus s. satrapa*. Last seen Apr. 27 (*Culver*); Norwood, Apr. 18 (*Packer*); Haverford, Apr. 16-21, common; last Apr. 23 (*Hallett*); West Chester, Apr.

10 (*Sharples*); Frankford, Oct. 13, 1914 to Apr. 10 (*Miller*); Beverly, N. J., arrived Oct. 18, 1914 (*Baird*); West Chester, Oct. 20 to Apr. 24 (*Roberts*); Wayne, Sept. 24, 1914 to Apr. 12 (*Baker*); Westtown, Apr. 18 (*Jones and Evans*); Vine-land, N. J., Oct. 28, 1914 (*Prince*).

Hermit Thrush, *Hylocichla guttata pallasii*. Lansdowne, Apr. 7, one sang freely for several minutes, and while the song was not up to the summer standard, it could not be called a "whisper song" (*Carter*); Rosemont, Apr. 19, heard one sing for nearly five minutes as loudly as in summer, sitting on low branch two feet from the ground (*Scoville*); Doylestown, Apr. 9-29 (*MacReynolds*); Darby Creek, Jan. 30 (*Baily*).