

## BIRD CALENDAR FOR APRIL AND MAY FINISHED

Prof. F.H.Herrick Gives Interesting Data On Birds of Warm Months.

The first check to the mild weather, enjoyed during the last week of March, came on April 3; from that time until May 14, the date of the last frost, the season was characterized by a dreary succession of snow-storms and cold rains, varied with but few really warm days, the temperature falling to 20 degrees on April 8. The results, so far as now discernable, are a retardation of about ten days in the general advance of vegetation, a corresponding prolongation of the flowering-time of our common fruits, all without exception having escaped injury from frost, with ideal conditions for the fertilization of their blossoms, and in consequence the promise of one of the best fruit-seasons which Ohio has known in many years; finally, as the flowers of our fruit-trees are mainly dependent upon insects for cross-pollination, and as certain birds, especially the migrating wood warblers, persistently visit the trees for the insects, opportunities for observing these most beautiful varied and elusive of all our bird-migrants have been exceptionally good, as evidenced by the 27 species enumerated below.

As showing how the Warbler season is marked, and as in the present instance extended, our common fruits come to bloom in the following order: (1) Early plums; (2) Late plums and sweet cherries; (3) Sour (Morrell) cherries, peaches and pears, and (4) Early, followed closely by late apples. In average seasons apples come to full bloom on the Heights May 9-10 (on the plain of Cleveland in sand-loam about a week earlier); this year the trees did not reach their full blossom-tide until May 20. To illustrate the way in which the flowering period has been prolonged, a single sweet cherry tree has shown some bloom for nearly three weeks (May 1-20)

At Columbus, Ohio, 140 miles southwest of Cleveland, the apple trees had lost much of their bloom by May 16, but the warblers were still there.

27. Lesser Scaup Duck; March 14, Norwalk (many), Mr. W.H.Sheldon; May 1, Shaker Lakes (3), Professor Hulme
28. Red Head Duck; March 14, Norwalk (18), W. H. Sheldon.
29. Canvasback: March 14, Norwalk (1 male). W.H.Sheldon.
30. Turtle Dove; March 28, Lake View, Prof. Hulme; April 1. Noble Rd., (pair), Mrs. Dr. Ruedy.
31. Field Sparrow; March 28, Noble Rd., Mrs. Dr. Ruedy; April 1, Cleveland Caves, Donald Hulme.
32. Nighthawk; March 30, Noble Rd., Mrs. Dr. Ruedy; May 10, Hessler Rd., Professor Hulme.
33. Hermit Thrush; March 31, Noble Rd., Mrs. Dr. Ruedy; April 11, Doan Brook Mr. Henry Turner Bailey; also April 11, Lake View, Professor Hulme.
34. Bob-white; March 31, Noble Rd. (covey of about thirty), Mrs. Ruedy
35. Vesper Sparrow; April 1, Noble Rd., Mrs. Ruedy.

36. Chipping Sparrow; April 1, Chesterland Caves, Donald Hulme; April 25, Noble Rd., Mrs. Dr. Ruedy.
37. White-throated Sparrow; April 1, Chesterland Caves, Donald Hulme; April 25, Cleveland Heights, Professor Finfrock; May 1, Gates Mill (many).
38. Bufflehead Duck April 1, Wade Park Pond, Professor Hulme; April 6 at same place, Mr. Frank J. Pool.
39. Ruby-crowned Kinglet; April 11, Lake View, Professor Hulme.
40. Kingfisher; April 11, Euclid Creek, Dr. Breitenbecher; April 18 Nine Mile Creek, Professor Hulme; May 2, nesting in Wade Park, Dr. Breitenbecher;
41. Sapsucker; April 17, Noble Rd., Mrs. Dr. Ruedy.
42. Red-headed Woodpecker; April 17, Noble Rd., Mrs. Dr. Ruedy.
43. Herring Gull; April 18, Waycliffe, Mr. Myers.
44. Wood Thrush; April 18, Waycliffe, Mr. Myers; April 2w5, Cleveland Heights, Professor Finfrock; May 7, Bluestone Rd., Mrs. Dr. Ruedy; May 12, Wade Park, Professor Hulme.
45. Loggerhead Shrike; April 18, Waycliffe, Dr. Breitenbecher.
46. Brown Creeper; April 19, Noble Rd., Mrs. Dr. Ruedy.
47. Purple Martin; April 19, Mr. Gerald R. Thayer (3) near lake; April 21, Wade Park pond (several); numerous at same point by April 27.
48. Little Green Heron; April 21, Lake View, Professor Hulme.
49. Barn Swallow; April 22, Shaker Lakes, Professor Hulme; May 1, Gates Mill, Mr. Henry Turner Bailey; May 3, Cleveland Heights, Professor Finfrock.
50. Nashville Warbler; April 22, Shaker Lakes, Professor Hulme.
51. Brown Thrush; April 23, Cleveland Heights, Professor Finfrock; April 24, Noble Rd., Mrs. Dr. Ruedy.
52. Swift; April 23, Wade Park (one), Mr. Gerald Thayer; May 2, Wade Park, Dr. Breitenbecher; May 6, Noble Rd., Mrs. Dr. Ruedy.
53. Spotted Sandpiper; April 25, Cleveland Heights, Professor Finfrock; May 1, Shaker Lakes, Professor Hulme; May 7, Bluestone Road, Mrs. Dr. Ruedy.
54. Cowbird; April 25, Cleveland Heights, Professor Finfrock.
55. Wilson's Thrush; April 25, Lake View, Professor Hulme; May 11, Noble Rd., Mrs. Dr. Ruedy.
56. House Wren; May 1, Noble Rd., Mrs. Dr. Ruedy; May 3, Noble Rd., in possession of house, and on May 7 paired and building nest.
57. Northern Shrike; May 1, on road to Wooster, southwest of Cleveland, Professor Finfrock.
58. Ruffed Grouse; May 1, Gates Mill, Mr. Frank J. Pool.
59. Savannah Sparrow; May 1, Gates Mill (many), Mr. Henry Turner Bailey.
60. Palm Warbler; May 2, Cleveland Heights, Professor Finfrock; May 7, Bluestone Rd., Mrs. Dr. Ruedy.
61. Baltimore Oriole; May 6, Noble Rd., Mrs. Dr. Ruedy; May 8, Adelbert College Campus, Dr. Breitenbecher, and also at Gates Mill, Mr. Henry Turner Bailey; May 9, Hessler Rd., Professor Hulme.
62. Black-throated Blue Warbler; May 6, Euclid Creek, Dr. Breitenbecher; May 11, Wade Park, Professor Hulme; May 13, Noble Rd., Mrs. Dr. Ruedy.
63. Black and White Warbler; May 6, Noble Rd., Mrs. Dr. Ruedy; May 8, Hessler Rd., Professor Hulme.
64. Yellow Warbler; May 6, Noble Rd., Mrs. Dr. Ruedy; May 8, Hessler Rd., Professor Hulme

65. Yellow-throated Vireo; May 6, Noble Rd., Mrs. Dr. Ruedy.
66. Maryland Yellow-throat; May 8, Noble Rd., Mrs. Dr. Ruedy.
67. Myrtle Warbler; May 7, Bluestone Rd., Mrs. Dr. Ruedy.
68. Magnolia Warbler; May 7, Bluestone Rd., Mrs. Dr. Ruedy.
69. Redstart; May 7, Bluestone Rd., Mrs. Dr. Ruedy.
70. Bank Swallow; May 7, Bluestone Rd., Mrs. Dr. Ruedy.
71. Golden-winged Warbler; May 7, Wade Park, Professor Hulme.
72. Great-crested Flycatcher; May 8, Lake View, Professor Hulme.
73. Purple Finch; April 19, Mr. Gerald R. Thayer; (3) near lake; April 21, Wade Park pond (several); numerous at same point by April 27.
74. Rose-breasted Grosbeak; May 8, Gates Mill, Mr. Henry Turner Bailey; May 12, Wade Park (pair) Professor Hulme.
75. Wood Pewee; May 10, Noble Rd., Mrs. Dr. Ruedy. May 16, Gates Mill, Professor Finfrock.
76. Warbling Vireo; May 10, Noble Rd., Mrs. Dr. Ruedy.
77. Cape May Warbler; May 10, Noble Rd. Mrs. Dr. Ruedy.
78. Blackburnian Warbler; May 10, Noble Rd., Mrs. Dr. Ruedy.
79. Black-throated Green Warbler; May 10, Noble Rd., Mrs. Dr. Ruedy; May 12, Wade Park, Professor Hulme.
80. Nashville Warbler; May 10, Noble Rd., Mrs. Dr. Ruedy, and Wade Park, Professor Hulme.
81. Worm-eating Warbler; May 11, Wade Park, Professor Hulme.
82. Parula Warbler; May 11, Noble Rd., Mrs. Dr. Ruedy.
83. Whippoorwill; May 11, Noble Rd., Mrs. Dr. Ruedy; May 15, Yellowstone Rd., Professor Finfrock.
84. Ruby-throated Hummingbird; May 11, Noble Rd., Mrs. Dr. Ruedy; May 13, Derbyshire Rd., Cleveland Heights, Mrs. Simmons.
85. Chestnut-sided Warbler; May 12, Wade Park, Professor Hulme.
86. Ovenbird; May 12, Noble Rd., Mrs. Dr. Ruedy; May 16, Shaker Lakes (12) Professor Hulme.
87. Black-throated Gray Warbler; May 12, Wade Park, Professor Hulme.
88. Black Poll Warbler; May 12, Wade Park, Professor Hulme.
89. Bobolink; May 13, Noble Rd., Mrs. Dr. Ruedy.
90. Grasshopper Sparrow; May 13, Noble Rd., Mrs. Dr. Ruedy; May 16, Gates Mill, Professor Finfrock.
91. Mourning Warbler; May 16, Noble Rd., and also Gates Mill, Professor Finfrock.
92. Kentucky Warbler; May 16, Gates Mill, Professor Finfrock.
93. Kingbird; May 16, Gates Mill, Professor Finfrock;
94. Scarlet Tanager; May 16, Gates Mill, Professor Finfrock; May 17, Noble Rd., Mrs. Dr. Ruedy.
95. Indigobird; May 17, Noble Rd., Mrs. Dr. Ruedy.
96. Canadian Warbler; May 18, Noble Rd., Mrs. Dr. Ruedy.
97. Black-billed Cuckoo; May 18, Noble Rd., Mrs. Dr. Ruedy.
98. Bay-breasted Warbler; May 19, Noble Rd., Mrs. Dr. Ruedy.
99. Wilson's Warbler; May 19, Noble Rd., Mrs. Dr. Ruedy.
10. Red-eyed Vireo; May 19, Noble Rd., Mrs. Dr. Ruedy.