

An adult female Tennessee Warbler was banded, photographed, and released on the island on July 14. The latest this species had been found previously in the New York City area was June 9, and its earliest appearance in the fall, August 9 (Bull, 1964).

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FIELD NOTES

Winter Records of The Green Heron: The Green Heron (*Butorides virescens*) is considered to winter principally in Mexico and Central America, although there are at least two winter records of this species as far north as Indiana: Indianapolis — January 3, 1916 and Goshen — March 18, 1918 (Bent, 1926). Bull (1964), however, considers the Green Heron to be casual as far north as Maryland and southern New York.

All published winter reports of this species have previously been from the south shore of Long Island: Queens — December 29, 1948; Baldwin — January 2, 1954 and Quogue — winter of 1961-62 (Bull, 1964). In addition one individual was noted on the Captree Christmas Bird Count in December, 1965 (Audubon Field Notes, 1966). Prior to the winter of 1971-72 there are two unpublished winter records for this species on Long Island's north shore: Shelter Island — December 29, 1941 and Orient — December 28, 1942 (Latham, 1972).

This winter (1971-72) there were three sight records of the Green Heron, all noted on the Smithtown Christmas Bird Count on the north shore of Long Island. One individual was noted along the east bank of the headwaters of the Nissequogue River while two additional individuals were noted along the banks of the fresh pond at Sunken Meadow State Park.

Undoubtedly mild winters are an important factor in the winter occurrence of this species. Latham notes that the temperature prior to and during the 1941 observation ranged from a maximum of 54° on December 24 to a low of 31° on December 29. Unfortunately weather data for the 1942 observation period is not readily available. December of 1971 was remarkable for its mild temperatures throughout the Christmas Count period, the temperature ranging in the low 40's on the Smithtown Count day (December 27).

The Green Heron presumably perishes with the on-set of the typically colder winter weather. Latham notes that a green heron was found dead on March 17, 1943 on the same marsh that the December 8 record occurred.

LITERATURE CITED

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Possible decline of the Least Flycatcher in Northern Westchester County: This note is intended to alert observers to the possibility that the Least Flycatcher (*Empidonax minimus*) is declining as a breeding bird in northern Westchester County. It is based on rather limited observations in one locality and should not be interpreted as proof of such a decline, for it may indicate only a local or temporary phenomenon. However, in these times of rapid changes in environment and in populations of animals in nature, it seems important to maintain vigilance over bird populations and to report such changes as may seem significant.

Observations were carried out three miles east of Peekskill, New York, where from 1954-1957 and 1960 I had carefully censused breeding birds on a 24 acre study area. This study area comprised 40% wet second-growth woodland and 60% lawns, gardens, and residences. The plot was 800' $\times$ 1200', with the forest running lengthwise down the middle, providing a rather long forest-garden edge. This edge offered suitable breeding habitat for Least Flycatchers. In addition, I made other observations in an area of 360 acres (which included the study area), and casual observations in an adjacent area of woodland, marsh and old field, comprising about 1700 acres.

In the 5 seasons (1954-57 and 1960) the average number of territorial male Least Flycatchers found on the three plots was 2.2, 6.6, and 7.1. Because the coverage of the three plots was quite different, it would not be proper to reduce these figures to pairs/area. Of the total of 83 territorial males, the nest site was located for 34 pairs.

In 1970, during casual observations in these areas, I did not hear any Least Flycatchers, and in 1971 therefore, I devoted considerable time to looking for the species. I checked all of the previous nesting sites and heard only two individuals during the spring of 1971. When I revisited the location of these two birds, I did not encounter them, indicating that they may not have bred in the area. No Least Flycatchers were found on the 24 acre study area where a minimum of two pair had bred during the five initial census seasons.

It is still premature to report a definite decline of this species, but hopefully other observers will take the opportunity to look more closely at the status of the Least Flycatcher in coming seasons. The causes of the decline, if it is a real decline, are difficult to determine. From 1955 to 1969 the study area received weekly sprayings of various insecticides for mosquito control. Other species of insectivorous birds, except possibly the House Wren, (*Troglodytes aedon*) seem however, to have been present in normal numbers, in 1971. At least on the study area, there has been no habitat change noted in the 17 year period, and only slight changes have occurred in the two larger plots.

This apparent decline needs extensive study in the future, and similar data is needed for all species of birds. The usefulness of any bird census in providing a baseline for interpretation of unanticipated future population changes is amply demonstrated by this report. It is, of course, possible that my findings represent only a temporary local fluctuation, such as might be anticipated at the margin of a species breeding range, for the Least Flycatcher is at the southern limit of its range in southeastern New York. If significant, the cause of the change remains obscure, and in the absence of more data, further speculation at this time seems unwarranted.

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