November 24, 27; December 9, 10, 13, 21, 1928; January 2, 27; February 2, 4,16,21,23 (4 times), 24 (2 times), 25; March 21, 27; April 3, 19, 1929. It was not seen after its last capture.—RAYMOND J. MIDDLETON NORTIStown, Pennsylvania.

A Sparrow Hawk Recovery—On November 25, 1929, I was surprised to find in my sparrow trap a male Sparrow Hawk bearing a band numbered 10833. The Hawk had killed a Tree Sparrow, but apparently had left untouched three other birds which were in the trap with him—one Song, one. Tree, and one White-throated Sparrow. Perhaps the bird was so alarmed at finding itself trapped that it lost interest in food. This Sparrow Hawk had been banded by Lester W. Smith at Babson Park, Massachusetts, on June 14, 1929. It was one of four nestlings, all of which, together with one of the parents, were banded by Mr. Smith. The Hawk was released after examination and photographing.—WILLIAM P. WHARTON, Groton, Massachusetts.

Two White-throated Sparrow Recoveries—R. P. Marsden of Hanover, New Hampshire, reports that White-throated Sparrow A140119 banded by him in Hanover, April 30, 1929, was killed in Tabor, Columbus County, North Carolina, December 24, 1929.

Miss Cora M. Teot writes that a bird of this species banded by her in New Haven, Connecticut, April 24, 1929, was found dead in Florence, Florence County, South Carolina, by S. C. Edens, January 30, 1930.

Tabor and Florence are both situated on the coastal plain and are approximately fifty miles apart. Tabor is thirty miles from the ocean, and Florence is about seventy miles from the Atlantic. These regions to our personal knowledge abound with wintering White-throated Sparrows. The above recovered birds probably kept fairly near the coast during their migration southwesterly.—C. L. W.

House Wren Returns—Of three House Wrens (*Troglodytes a. aëdon*) returning in 1929 only one was breeding on our place in 1928, No. 13914. Of the other two No. 7594 returned on May 4th and was later, on June 16th, found breeding in one of the boxes. This bird was banded May 2. 1928, on the first day that House Wrens appeared here that spring, and returned September 21, 1928.

All birds breeding in our boxes in 1928 were banded, and in early September Wrens were very scarce here, but in the third week of the month we began trapping quite a number of them, all new birds, and they were also very much in evidence around our traps. While this flight was passing through, No. 7594 was captured, a return-1. On the same day, September 21, 1928, No. B13935 was banded, and on May 10, 1929, it was found nesting in one of our boxes.

Here is a case of two birds both of which were migrants at this place in 1928, but during 1929 were breeding here.¹

We had a very interesting situation when the young House Wrens of the first broods left the boxes. When the second broods were started, we found that several pairs had changed mates, and the following chart will show the changes, and from the dates given the reader may note the time elapsed from when the young left the boxes and when the set of eggs were completed for the second broods:

¹These two Wrens, transients at the banding station, were very likely summer residents for the general region. It might be advantageous to recognize tentatively 'local transients' as opposed to 'through transients', the validity of these groups to be checked by further studies. J. T. N.

Vol. I 1930]

__-

General Notes

Bird-Banding July

=

1

Ξ

Ξ

Ī

Ē

i Sa S

4

-

ī

÷.,

aec 1952 i

2,4 14

ī

*

ī

82 🖀

×

3 I

1800 1

2

Box No. 1 $\begin{cases} \sigma^7 7594 \\ g B70523 \end{cases}$ 6 young left the box June 16th.	Box No. 4 $\begin{cases} c^{7}B13914 \\ g B70523 \end{cases}$ $\begin{cases} 6 \text{ eggs in} \\ \text{nest} \\ \text{on June 26th.} \end{cases}$
Box No. 2 $\begin{cases} \sigma^{7} B13914 \\ \varphi B74504 \end{cases} \begin{cases} 5 young left \\ the box \\ June 20th. \end{cases}$	Box No. 5 $\begin{cases} \sigma^3 B74\bar{a}17 \\ \rho B74504 \end{cases} \begin{cases} 6 \text{ eggs in} \\ \text{nest on} \\ \text{July 8th.} \end{cases}$
Box No. 3 $\begin{cases} \sigma^3 B74517 \\ \varphi B70524 \end{cases} \begin{cases} 3 \text{ young left} \\ \text{the box} \\ \text{July 1st.} \end{cases}$	$Box No. 6 \begin{cases} \sigma^{*} Not banded \\ \varsigma B70524 \end{cases} \begin{cases} 6 \text{ eggs in} \\ \text{nest} \\ \text{on July 14th.} \end{cases}$

On June 25th No. 7594 was captured in a box near Box No. 1 with a nest of coarse sticks. His mate having deserted him, he had set up bachelor quarters. A Wren was seen by this box for several days afterwards. No. 7594 was not taken later.—RAYMOND J. MIDDLETON, Norristown, Pennsvlvania.

Interesting History of two White-breasted Nuthatches—A mated pair of banded White-breasted Nuthatches has raised a brood for two consecutive nesting-seasons, and probably longer, near my station in Hingham, Massachusetts. As these birds were also present at my station during the major part of the two intervening winters, they are doubtless permanent residents. The details are: The male was banded March 30, 1927, with band No. 80057, and the female was banded with band No. B10901, March 30, 1928. During 1928 one brood was raised, the male bird on one occasion about the middle of June coming to the station with four young, which afterwards came several times, and then disappeared. The second brood was raised in 1929. During the last winter, 1929-30, they were not so much in evidence, although they were trapped on February 23d.

On account of certain habits possessed by the female, I feel sure that the mate of 80057 in 1927 was the same bird banded in 1928, although I cannot prove this to be the case.-REGINALD A. OSBORN, Hingham, Massachusetts.

A Mourning Dove Recovery-On July 2, 1929, a young Mourning Dove (Zenaidura macroura carolinensis) fell out of the nest when about half grown and was picked up and banded No. A404971. It was seen near the nest tree either running on the ground or flying a few feet for ten days afterwards, and when last seen was able to fly thirty or forty feet. On October 8, 1929, it was captured in Henderson, Virginia.¹—RAYMOND J. MIDDLETON, Norristown, Pennsylvania.

Wood Thrush Returns-S.-Mrs. F. D. Hubbard of New Haven, Connecticut, writes that in 1923 she banded ten Wood Thrushes. Of these 1923 birds, one, banded May 20th, returned May 22, 1924. A second one, banded on the same date, returned May 19, 1924. A third one, banded July 9, 1923, was killed by a cat about a half-mile from her station, June 6. 1924. It is interesting to note that three Wood Thrushes out of ten banded (30 per cent), two of which, at least, were adults, returned to Mrs. Hubbard's station or to a point close by the following year after banding.-C. L. W.

A Five-Year-Old Downy Woodpecker.-Mr. John G. Wolf, of Loomis School, Windsor, Connecticut, sends us word of a Downy Wood-pecker banded November 21, 1924, and reported through the Biological Survey as found dead at Windsor by D. Howard, December 26, 1929. This is one year more than the record given for this species in the October, 1928. Bulletin, p. 142.—J. T. N.

¹Comparable to a nestling Dove banded on Long Island. New York, in July, killed in Georgia the following December. See *Bird-Lore*, 1924, p. 120. J. T. N.

ŧ,