

time of departure from the locality, and of the first brood at least three of the four were living at the time their parents left them. Next year we shall look forward to the possible return of some of the family, when opportunity for further study will be afforded.

Wells River, Vt.

EVENING GROSBEAK RECOVERIES INDICATING AN EAST-AND-WEST MOVEMENT

By M. J. MAGEE

In my paper "Evening Grosbeak Recoveries," published in the April, 1928, number of the *Bulletin*, I stated: "Dr. Christoferson and I had suspected for some years that there was more of an east-and-west movement of our Evening Grosbeaks than a north-and-south one." Recoveries reported from localities east of my banding station were: two from around Quebec City; one from Massachusetts; and one from Connecticut. To the west of my station was one from Menominee, Michigan, one hundred ninety miles west-southwest of the Soo.

This year (1929) has added three more recoveries as follows:

No. 581875 Adult female. Trapped by me January 27, 1929.
Banded at Hanover, New Hampshire, March 9, 1928.

No. 691399 Adult male. Banded by me February 2, 1929.
Found dead at Northome, Minnesota, about May 15, 1929.

No. A210271 Adult male. Banded by me March 8, 1929.
Trapped at Karlstad, Minnesota, May 24, 1929.

Karlstad is well up in the northwest corner of Minnesota in Kittson County. From that point to Quebec and New Hampshire gives an east-and-west distance of over twelve hundred miles, with Sault Ste. Marie about half way between the two extreme localities.

This summer, as usual, Evening Grosbeaks can be found in numbers, from thirty-five to a hundred and twenty-five miles west of Sault Ste. Marie. In June I got a report that a large flock was at Eckerman, thirty-five miles to the west. June 30th I drove out to see for myself. The Grosbeaks were picking about on the ground, right at the side of the road, where salt water from ice-cream tubs had been dumped. Coffee-grounds were also thrown in the same place. I was told that the birds were after the coffee-grounds, but I think it was the salt they wanted. I counted thirty-two on the ground at one time, eight of which were banded birds. I was informed that it was not

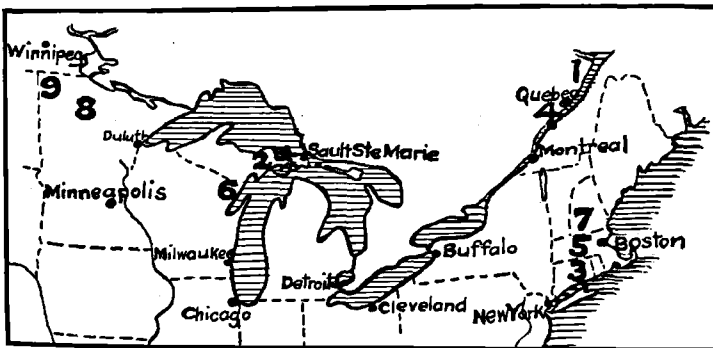
unusual, in the early morning, for from sixty to seventy-five to be on the ground at one time.

The locations where Evening Grosbeaks banded by me have been recovered and the location where one recovered by me was banded are shown by numbers on the outline sketch map below. The solid black square is the location where the birds have been checked every month through the summer for ten years and where nests were located once. It starts about thirty-five miles west of my banding station.

The details of banding dates, sexes, and recovery dates are as follows:

- No. 1 Adult female. Killed, March 9, 1926, 25 miles east of Quebec City.
Banded, Soo, Michigan, March 23, 1924.
- No. 2 Adult male. Found dead, McMillan, Michigan, early in July, 1926.
Banded, Soo, Michigan, March 15, 1926.
- No. 3 Adult male. Trapped, West Hartford, Connecticut, January 30, 1928.
Banded, Soo, Michigan, March 14, 1925.
- No. 4 Adult male. Trapped, Quebec City, February 10, 1928.
Banded, Soo, Michigan, February 27, 1927.
- No. 5 Adult female. Trapped, Huntington, Massachusetts, February 22, 1928.
Banded, Soo, Michigan, March 10, 1927.
- No. 6 Adult male. Found dying, Menominee, Michigan, March 17, 1928.
Banded, Soo, Michigan, March 26, 1927.
- No. 7 Adult female. Banded, Hanover, New Hampshire, March 9, 1928.
Trapped, Soo, Michigan, January 27, 1929.
- No. 8 Adult male. Found dead, Northome, Minnesota, May 15, 1929.
Banded, Soo, Michigan, February 2, 1929.
- No. 9 Adult male. Trapped, Karlstad, Minnesota, May 24, 1929.
Banded, Soo, Michigan, March 8, 1929

Sault Ste. Marie, Michigan.



MAP SHOWING LOCATIONS OF BANDING STATION AND EVENING
GROSBEAK RECOVERIES