

## GENERAL NOTES

**Migrating Blue Jays.** Dr. Eugene C. Ufford has had reported to him by the Biological Survey the first recovery of a migrating Blue Jay (*Cyanocitta c. cristata*) made of a bird of this species banded in New England of which we have knowledge. This bird, an adult, No. 249271, was banded by him in Auburndale, Massachusetts, September 2, 1927, and was captured at Crosskill, New Jersey, November 20, 1927.

A second migration record of this race of the Blue Jay was reported by Mr. Benjamin Shreve of a bird, No. 524765, banded by him at Cotuit, Massachusetts, August 25, 1927, which was taken at Cooleenec, North Carolina, on the Piedmont Plateau, about 450 miles away, by Theodore Hilliard, December 16, 1927.

These two recoveries are of great interest as they are the sort of things that will in time tell us whether there is orderliness or lack of it in the distribution of this race throughout its wintering-range, that is, whether the most northern birds occupy the northern portion of the wintering-area and the more southern nesting birds occupy the southern part of the wintering-area, or if the migrants are scattered at random within this area.

It has not been shown that Massachusetts-nesting Blue Jays, for example, migrate as a whole to more southern regions to pass the winter, though the above recoveries show that some individuals do so, nor have we evidence that the places of such migrating birds are taken by Blue Jays nesting to the north of Massachusetts. It is very probable, however, that a line exists within the nesting range of the northern race south of which no regular migration takes place, though an irregular ranging about of the Blue Jay in winter-time is to be expected.

In addition to the above recoveries, the Technical Bulletin, No. 32, for December, 1927, just issued by the Bureau of Biological Survey, records three other Blue Jay recoveries of birds banded in the middle west. These are tabulated below:

No.	Banded by	Date	Location of Banding Station	Recovery Date	Place of Recovery	Remarks
314325	Burr B. Butler	May 6, 1925	Whitten, Iowa	Jan. 22, 1926	Deatur, Ark.	Recovered 400 miles approximately south of Whitten.
111511	Frank Buehof	July 8, 1924	Rockport, Mo.	June 13, 1926	Sabetha, Kans.	Recovered approximately 50 miles south of Rockport.
287513	Roland Williams	June 16, 1925	Winnetka, Ill.	Dec. 10, 1925	Sulphur Rock, Ark.	Recovered about 400 miles a little west of south of place of banding.

Of these five migration records, the three western show a movement almost due south, whereas from New England the movement was south-westerly, as would be expected on account of the trend of the Atlantic coast-line. Blue Jay, No. 111511 appears to have nested well south of its summer residence of two years before. - C. L. W.

**A Junco Return-3 and an Indigo Bunting Return-2.**—Mrs. Herbert Salmond, who operates a banding station at Westfield, Massachusetts, reports the capture of a male Junco (*Junco h. hyemalis*) for the third successive winter season—a return-3. This bird, No. 166654, was banded October 31, 1925. The returning dates are April 23, 1926, November 18,