

reports their actions were typical of those here described.—CLARENCE COTTAM, United States Biological Survey, Washington, D. C.

Interesting Chickadee Records.—Among interesting Chickadee records at my station this fall there has been one bird at least five years old and another one at least six years old. Their records follow:

A87171 Banded February 17, 1927:	Return-1 ¹ December 25, 1927
	Return-2 February 2, 1930
	Return-3 March 21, 1931
	Return-4 February 25, 1932
	Return-5 October 11, 1932
A87173 Banded December 19, 1927:	Return-1 March 24, 1931
	Return-2 November 10, 1931
	Return-3 October 31, 1932

The autumn and winter of 1928-29 I was away from home, so have no record of returns for that year. Also I have no record of A87173 in the year 1929-30.

One pair of Chickadees, F23149 and F23154, which, by the use of colored bands, I traced to their nesting area this summer, appeared together at my station on October 5th and again on October 11th. Since the latter date F23154 has not been seen. This pair and their young came to the feeding-shelves together in July, but unfortunately I was unable to capture the young to band them. The last date upon which the two young were seen with F23149 was July 11th, at which time, however, the young fed themselves. On October 11th, when the pair of old birds was last seen together, one or possibly two young Chickadees accompanied them, all four busily feeding and storing up food. Two young Chickadees were given bands F31780 and F31792, with colored bands in addition, on October 23d and 24th, respectively, and on the 29th these two birds were again busily storing food in company with F23149. I would give a good deal to know if these are the young of the above mated pair, or merely others of the younger set to whom they had taken a liking.

Two other Chickadees, F23150 and F23152, I did not succeed in tracing in the spring, but I feel sure that they were mates. Both were banded January 29, 1932, within ten minutes of each other, a third Chickadee having been banded between these two. The three were evidently of one flock, as shown by later sight repeats in each other's company, but from the first the two whose numbers are given above showed particular friendliness toward each other, frequently remaining on the feeding-shelves and eating most amicably together, which they would not do even with the third member of their flock. These two birds were recorded together on October 8th, and again came together on October 25th. Both have repeated since, though on different days so far as I have seen.

From these two instances it seems that attachment between mates may hold them together until fall. It remains to be seen whether it will hold over, or be resumed, for another breeding season.

Both individuals of a third pair, C50532 and F23148, which I traced to their nest in the spring have returned this fall, although I have not happened to see them together. The Hardwick Chickadees seem to have had a successful season, as seventy per cent of those that I marked with colored bands last winter have already returned.—DOROTHY A. BALDWIN, Hardwick, Massachusetts, November 17, 1932.

¹I am reporting these recaptures as "returns" following the practice of the Biological Survey, though I am sure most of the records are merely repeats.