

All of the eggs hatched, and Mr. Keller had the pleasure of seeing the old duck get the ducklings off the barn early in the morning of May 12th. He reports as follows: "As I looked towards the barn this morning she was standing on the corner of the barn and the little 'fellers' were all strung out behind her. She kept up a low, soft quacking. . . . She unhurriedly flew straight down to the ground keeping up her low quacking. The little 'fellers' tried to imitate her, flying off the barn one at a time. As they landed in front of her they would immediately scramble to their mother. She would give one quick look at them as they landed on the ground and then immediately look back up to the barn for the next one. When the little 'fellers' were all down she slowly started towards the lake and by 7:30 A.M. . . . they were cavorting around . . . catching bugs. She let them stay in the water about five minutes and then hunted up a dry spot on shore where she hovered them. It was a wonderful, nice, warm, and still morning. The lake was like a mirror and it was a satisfying sight to watch them."

Mr. Keller not only has contributed another valuable return record to the history of this Mallard duck, but he has also furnished a most interesting bit of life history. It is particularly noteworthy that this duck made no attempt to carry her young from their elevated nursery to the ground. As has been pointed out in the case of the Wood Duck, the newly hatched ducklings are little more than animated fluffs of down which offer enough resistance to the air to break effectually the velocity of their descent.—FREDERICK C. LINCOLN, Biological Survey, Washington, D. C.

Some Banding Results After Eleven Years of Banding at Sault Ste. Marie, Michigan, 1921 to 1931.

Total number of birds banded 18,459.

All but about half a dozen trapped birds and nearly 95 per cent of total trapped within seventy-five feet of my dining-room window.

TABULATED RETURNS ON ALL BIRDS BANDED

Returned same year banded	1
1st year after banding	915
1st and 2d years after banding	238
2d year after banding	176
1st, 2d, 3d years after banding	73
1st and 3d years " "	23
2d and 3d years " "	32
3d year " "	39
1st, 2d, 3d, and 4th years after banding	24
1st, 2d, and 4th years " "	7
1st, 3d, and 4th years " "	6
1st and 4th years " "	5
2d, 3d, and 4th years " "	11
2d and 4th years " "	2
3d and 4th years " "	1
4th year " "	12
1st, 2d, 3d, 4th, 5th years " "	5
1st, 2d, 3d, 5th years " "	1
1st, 2d, 4th, and 5th years " "	1
1st, 3d, 4th, and 5th years " "	2
1st, 2d, and 5th years " "	1
1st and 5th years " "	1
2d, 3d, 4th, and 5th years " "	2
3d and 5th years " "	1
5th year " "	1
1st, 2d, 3d, 4th, and 6th years after banding	1
1st, 2d, 4th, 5th, and 6th years " "	1
1st and 6th years " "	1
2d and 6th years " "	4
6th year " "	1
1st, 2d, 3d, 4th, 6th, 7th years " "	1
1st, 2d, 3d, 4th, 6th, 7th, and 8th years after banding	1

As many birds return more than one year, the total of yearly returns exceeds the number of individual birds.

To get the number of individual birds, add the single-year returns in the above schedule. Thus:

Returned same year	1
1st year after banding	915
2d " " "	176
3d " " "	39
4th " " "	12
5th " " "	1
6th " " "	4
Total individual birds	1148
Species banded 1931	30
Species banded to date	77
Total Purple Finches alone banded	12,477
Yearly returns	1,361

RECOVERIES

<i>Purple Finches</i>	Near-by points	16
	De Tour, Michigan	1
	Kentucky	1
	Tennessee	3
	Arkansas	1
	Louisiana	2
	Texas	1
	Georgia	1
	Nova Scotia	1
	Massachusetts	1
		28
<i>Evening Grosbeaks</i> ,	Near-by points	3
	Upper Peninsula of Michigan West of Sault Ste. Marie	2
	Southern Michigan	2
	Minnesota	2
	New York	1
	Connecticut	1
	Massachusetts	5
	Quebec	2
	Banded New Hampshire, recovered at Sault Ste. Marie	1
<i>Robins</i>	Near-by points	2
	Louisiana	2
	Florida	1
	Ohio	1
		6
<i>Slate-colored Junco</i> , Near-by point	1	1
<i>White-throated Sparrow</i> , Alabama	1	1
<i>Northern Flicker</i> , Southern Michigan	1	1
		56

Since January 1, 1932, two more Purple Finches and one more Evening Grosbeak recoveries have come in. One Purple Finch from Kentucky, the other from Tennessee, and the Evening Grosbeak from southern Michigan.

One Purple Finch recovery from central Kentucky, one from southwestern Kentucky, two from central Tennessee, and two from west central Tennessee rather indicate that some of my Purple Finches winter in that general locality.

One from Southern Arkansas, two from southern Louisiana and one from eastern Texas point to a wintering of some in that part of the country. The two from Louisiana and the one from Texas were recovered the same winter—

- 1 shot December 26, 1929 at Giddings, Texas.
- 1 shot January 19, 1930 at Abbeville, Louisiana.
- 1 captured January 31, 1930 at Jeanerette, Louisiana.

Abbeville and Jeanerette are only about twenty-five miles apart. One of my Robin recoveries from Louisiana was January 3, 1928, at St. Martinsville a little further north but not over twenty miles distant from either of the above-mentioned places.

As to age, my returns show:

- A Purple Finch to at least 10 years of age.
- An Evening Grosbeak to at least 7 years.
- A Chipping Sparrow, a Robin, a Yellow Warbler, and two Song Sparrows to be at least 5 years old.

	1931	Total to Date
English Sparrows destroyed	261	3,377
Cats trapped	48	197

All but one of the 48 trapped in 1931 were taken right on my front porch.

—M. J. MAGEE.

Eastern Red-winged Blackbird Returns.—At my station in Gary, Indiana, I have banded two hundred and thirty-eight Eastern Red-winged Blackbirds, as follows: 1926, sixty-two; 1927, one hundred and thirty-eight; 1928, twenty-three; 1929, fifteen. All of these birds were banded in my own yard, which is 125 feet by 300 feet, located here in the city. There is a swale, or swamp, surrounding the lower end of the yard, which, up to 1930, had not been drained. During the year 1930 a sewer was put through it, and it is now dry, and Blackbirds, while they come to my feeding station, do not breed here as formerly.

My returns of Red-wings are as follows:

- 42736, ad. male, banded May 22, 1926, returned to the same place April 17, 1928.
- 397925, ad. male, banded May 10, 1926, returned to the same place April 11, 1927.
- 397929, ad. female, banded May 11, 1926, returned to the same place May 8, 1927.
- 397933, ad. male, banded May 11, 1926, returned to the same place April 22, 1927.
- 397934, ad. male, banded May 11, 1926, returned to the same place April 21, 1927.
- 397941, ad. female, banded May 12, 1926, returned to the same place May 30, 1927.
- 397961, ad. male, banded May 15, 1926, returned to the same place April 10, 1927.
- 427364, ad. female, banded May 23, 1926, returned to the same place May 1, 1927.
- 437380, ad. male, banded May 13, 1927, returned to the same place April 20, 1929.
- 437376, ad. female, banded June 9, 1927, returned to the same place May 18, 1929.
- 357427, ad. male, banded June 26, 1927, returned to the same place April 20, 1929.
- 357432, ad. female, banded July 8, 1927, returned to the same place April 20, 1929.
- 440368, immature female, banded August 4, 1927, returned to the same place April 20, 1929.
- 580546, immature male, banded September 10, 1927, returned to the same place April 20, 1929.
- 580566, immature male, banded February 18, 1927, returned to the same place April 20, 1929.
- 592019, ad. male, banded April 22, 1929, returned to the same place May 13, 1929.

—CLARENCE BRETSCH, Gary, Indiana.

Winter Banding at Concord, New Hampshire.—At my woodland station I have taken only the usual species in this winter of 1931-1932, but certain returns and certain contrasts in numbers may be of interest to note here.

As to returns: a male Hairy Woodpecker (480636) was banded February 23, 1929, returned February 15, 1930, and January 14, 1932; a female (689961) was banded February 8, 1929, returned February 4, 1932. A female Downy Woodpecker (A423826) was banded February 28, 1930, returned January 14, 1931, and November 5, 1931, repeating in February. A White-breasted Nuthatch (B53062) was banded February 8, 1929, returned January 26, 1930, January 11, 1931, and November 12, 1931. A Tree Sparrow (B22148) was banded February 12, 1928, returned February 7, 1929, and February 18, 1932. There were also other