

*did* return to the parental burrow after initial flight.

No. 38-78108, immature, one of a family of four; banded July 6, 1938. Recovered in the same burrow and the only occupant thereof July 8, 1938. This individual also returned to the natal burrow to rest after flight ability was attained. However, circumstantial evidence suggests that not all the other members of this family group shared this behavior.

Data from twenty-three banded immature repeat Bank Swallows and eleven other unbanded immature individuals are here recorded for the Albany, New York region. From these records which supplement and confirm the information on the same subject obtained in the Oneida Lake, New York and the Lake Okoboji, Iowa areas, it appears evident that young Bank Swallows following initial flight, may or may not return to the natal burrow to rest. The incidence of such return is perhaps 15 to 20 per cent. Co-existent with this is the fact that family ties are likely to be broken after first flight and a given brood loses its identity therewith. Young birds with flight ability frequently adopt transitory abodes and associate temporarily with others of their kind in any burrow that may be within the limited range of their first aerial sorties. As the season advances this range is gradually extended contemporaneously with the abandonment of the habit of assembling in the burrows.

New York State Museum, Albany, New York.

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## RETURNS FROM BANDED BIRDS SOME LONGEVITY RECORDS OF WILD BIRDS

By MAY THACHER COOKE

(*Continued from page 74*)

### HORNED LARK. *Otocoris alpestris*

F132697, banded at Jamestown, N. Dak., on December 27, 1933, by C. E. Boardman, was found dead at Raymore, Sask., in the spring of 1938.

### TREE SWALLOW. *Iridoprocne bicolor*

\*C6633, banded at Brewer, Maine, on June 29, 1929, by H. J. Robinson, was found dead at Hampden, Maine, May 26, 1936.

C160211, banded at Pomfret, Conn., on June 11, 1933, by Mrs. K. B. Wetherbee, was retrapped at same place June 12, 1938.

\*F76398, banded at Princeton, Mass., on June 22, 1932, by L. B. Chapman, was retaken at the nest box at the same place, June 24, 1939.

\*H12109, banded at North Eastham, Mass., on June 19, 1932, by O. L. Austin, was retrapped June 9, 1939.

H12167, banded at North Eastham, Mass., on June 22, 1932, by O. L. Austin, was retrapped at same place June 2, 1938.

- \*34-18072, banded at North Eastham, Mass., on June 5, 1934, by O. L. Austin, was retrapped at same place, June 9, 1939.

BARN SWALLOW. *Hirundo erythrogaster*

- H20505, banded at Shirley, Mass., on July 9, 1932, by E. M. Davis, was retrapped at same place May 9, 1937. (Fifth return.)  
\*L21982, banded 12 miles south of Canton, Ohio, on June 19, 1933, by Howard Braun, was caught at night with net at same place, June 25, 1938.

PURPLE MARTIN. *Progne subis*

- A227250, banded at Winnipeg, Man., on July 18, 1930, by A. M. Davidson, was found dead at same place June 6, 1935.  
\*A286846, banded at Columbus, Mo., on June 18, 1932, by C. E. Northcutt, was found dead at Hill View, Ill., May 13, 1938.

CANADA JAY. *Perisoreus canadensis*

- 643942, banded at Barkerville, B. C., on March 25, 1929, by Mrs. T. T. McCabe, was retrapped and released at same place August 9, 1935.

BLUE JAY. *Cyanocitta cristata*

- 414306, banded at Lakewood, Ohio, on November 15, 1927, by E. C. Hoffman, was retrapped at same place November 29, 1927, May 27, 1928, June 3, 1928, December 15, 1929, January 19, 1930, May 25, 1930, and August 24, 1930, and May 23, 1937.  
\*546574, banded at Muncie, Ind., on June 30, 1928, by O. B. Christy, was found dead at same place about August 31, 1936.  
\*A253386, banded at Madison, Wis., on July 22, 1931, by H. Bunting, was retrapped near banding place November 17, 1932, May 15, 1934, May 2, 1937, and October 14, 1937.  
A287321, banded at Huntington, L. I., N. Y., on August 22, 1932, by Geoffrey Gill, was retrapped at same place November 1, 1933, January 19, 1935, May 25, 1937, and October 10, 1938.  
A292688, banded at Plainfield, N. J., on November 11, 1931, by F. C. Scott, was found dead at same place September 1, 1938.  
A318412, banded at Amherst, Mass., on January 26, 1930, by Mrs. H. C. Thorp, was found wounded at the same place, November 20, 1940.  
A368347, banded at Wilmette, Ill., on October 10, 1931, by Mrs. Mary Hall Schaub, was retrapped at same place June 6, 1938.  
A375773, banded at Notre Dame, Ind., on July 26, 1930, by D. K. Stephenson, was retrapped at same place July 27, 1936.  
A387307, banded at Hubbard Woods, Ill., on June 28, 1932, by Harold H. Hayes, was retrapped at same place May 29, 1938.  
A391665, banded at Oak Bluffs, Mass., on August 16, 1931, by J. A. Gillespie, was retrapped at same place August 18, 1937.  
A392716, banded at Cincinnati, Ohio, on April 24, 1932, by C. J. Goetz, was retrapped at same place May 24, 1938.  
A396519, banded at Fort Smith, Ark., on July 29, 1931, by S. H. Weakley, was killed at same place July 5, 1938.  
A404451, banded at Notre Dame, Ind., on June 29, 1929, by D. K. Stephenson, was trapped and released at same place July 17, 1936 and May 14, 1937.  
B324607, banded at Sioux Falls, S. Dak., on August 18, 1931, by Mrs. Blanche M. Getty, was found injured at same place July 24, 1938.  
B331864, banded at Russiaville, Ind., on July 5, 1932, by L. E. Carter, was retrapped at same place December 19, 1938.  
\*B361977, banded at Allegan, Mich., on August 12, 1932, by D. S. O'Meara, was found dead at same place August 4, 1937.  
\*B361312, banded at Kansas City, Mo., on June 14, 1932, by Harold Hedges, was caught in a rat trap at same place July 1, 1939.

- B382220, banded at Detroit, Mich., on March 28, 1933, by R. D. Dieterle, was found at same place February 9, 1939.  
 B393424, banded at St. Petersburg, Fla., on May 13, 1933, by G. D. Robinson, was killed by trolley wire at same place April 27, 1938.  
 34-319257, banded at Russiaville, Ind., on June 16, 1932, by L. E. Carter, was retrapped at same place December 29, 1938.

STELLER'S JAY. *Cyanocitta stelleri*

- B324251, banded at Big Basin, Calif., on August 23, 1933, by E. H. Price, was shot at San Francisco, Calif., July 5, 1939.

WHITE-NECKED RAVEN. *Corvus cryptoleucus*

- \*B647180, banded near Talpa, Tex., on June 7, 1932, by S. E. Aldous, was killed in Runnels County, Tex., November 13, 1937.  
 \*B647232, banded near Albany, Tex., on June 12, 1932, by S. E. Aldous, was found at Weinert, Tex., about March 5, 1938.  
 B647373, banded at Ft. Stockton, Tex., on October 18, 1932, by S. E. Aldous was shot at Crane, Tex., June 24, 1937.  
 B647394, banded at Ft. Stockton, Tex., October 19, 1932, by S. E. Aldous, was killed at Lamesa, Tex., about April 22, 1937.  
 B647402, banded at Ft. Stockton, Tex., on October 21, 1932, by S. E. Aldous, was shot 35 miles southeast of Pecos, Tex., April 17, 1938.

CROW. *Corvus brachyrhynchos*

- 21112—, banded at Otto, Man., in April, 1924, by A. L. Holm, was killed at Sherman, S. Dak., January 13, 1938.  
 A549872, banded at Cupar, Sask., on June 30, 1933, by W. F. Hammond, was shot at Markinch, Sask., June 4, 1938.

BLACK-CAPPED CHICKADEE. *Penthestes atricapillus*

- B79283, banded at Bar Harbor, Maine, on October 30, 1931, by Mrs. Effie A. Anthony, was retrapped at same place May 4, 1939, found dead the following day.  
 A88689, banded at Milton, Mass., on October 12, 1929, by W. R. Peabody, was retrapped at same place October 28, 1931, November 18, 1933, January 5, 1935, September 11, 1935, and October 1, 1936.  
 C21641, banded at Bar Harbor, Maine, on October 16, 1929, by Mrs. Effie A. Anthony, was retrapped at same place November 27, 1936 and November 12, 1937. (See vol. 8, 1937 p. 59, for other returns.)  
 F88017, banded at Blaney Park, Mich., on April 6, 1932, by K. Christofferson, was retrapped at same place January 28, 1933, October 11, 1933, October 20, 1935, March 12, 1936, February 21, 1938, and December 11, 1938.  
 H81464, banded at Bar Harbor, Maine, on November 19, 1933, by Mrs. Effie A. Anthony, was retrapped at same place March 11, 1939.  
 L60454, banded at Milton, Mass., on February 10, 1934, by E. P. Hamilton, was retrapped at same place January 14, 1939.

MOUNTAIN CHICKADEE. *Penthestes gambeli*

- C97908, banded at Summerland, B. C., on December 28, 1930, by S. A. Liddell, was retrapped at same place March 3, 1938.

TUFTED TITMOUSE. *Baeolophus bicolor*

- C152268, banded at Foster, Ohio, on December 17, 1932, by B. C. Saur, was retrapped at same place November 6, 1938.

WHITE-BREASTED NUTHATCH. *Sitta carolinensis*

- H72700, banded at Grand Canyon, Ariz., on December 3, 1932, by E. D. McKee, was retrapped at same place June 19, 1936 and February 2, 1937.

C171897, banded at Grand Canyon, Ariz., on September 16, 1933, by E. D. McKee, was retrapped at same place December 9, 1938.

RED-BREASTED NUTHATCH. *Sitta canadensis*

L60526, banded at Bar Harbor, Maine, on April 5, 1934, by Mrs. Effie A. Anthony, was retrapped at same place September 24, 1936, April 12, 1937 and December 31, 1937.

PYGMY NUTHATCH. *Sitta pygmaea*

H1522, banded at Grand Canyon, Ariz., on October 23, 1932, by E. D. McKee, was retrapped at same place September 24, 1938.

H1523, banded at Grand Canyon, Ariz., on October 23, 1932, by E. D. McKee, was retrapped at same place October 8, 1938.

HOUSE WREN. *Troglodytes aedon*

F95810, banded at Pomfret, Conn., on June 11, 1933, by Mrs. K. B. Wetherbee, was retrapped at same place June 20, 1938.

H18052, banded at Gates Mills, Ohio, on July 28, 1932, by S. P. Baldwin, was retrapped at same place June 15, 1933, June 19, 1934, June 15, 1935, and July 27, 1937.

H77253, banded at Norristown, Pa., on May 10, 1933, by R. J. Middleton, was retrapped for the fourth year at same place April 30, 1938.

MOCKINGBIRD. *Mimus polyglottos*

B201482, banded at Ft. Smith, Ark., on February 1, 1933, by S. H. Weakley, was retrapped at same place March 12, 1937.

B25787—, banded at St. Petersburg, Fla., about July 1, 1933, by G. D. Robinson, was captured and released at same place January 14, 1939.

B270752, banded at Nashville, Tenn., on September 15, 1933, by Mrs. F. C. Laskey, was retrapped near place of banding May 27, 1938. This was the first return.

CATBIRD. *Dumetella carolinensis*

355394, banded at Ithaca, N. Y., on August 9, 1934, by A. C. Fraser, was retrapped at same place May 13, 1936, May 23, 1938, and May 17, 1939.

\*633622, banded at Waynesville, N. C., on August 19, 1929, by Miss M. A. Boggs, was retrapped at same place May 29, 1937.

A253044, banded at Madison, Wis., on May 12, 1933, by George Wagner, was retrapped May 11, 1936 and May 16, 1939, at same place.

\*A276540, banded at Notre Dame, Ind., on June 27, 1931, by D. K. Stephenson, was retrapped at same place May 28, 1937.

B263326, banded at Blue Island, Ill., on August 20, 1933, by K. E. Bartel, was retrapped at same place May 23, 1937 and May 12, 1938.

C143341, banded at Demarest, N. J., on July 8, 1933, by B. S. Bowdish, was retrapped at same place June 6, 1938.

BROWN THRASHER. *Toxostoma rufum*

461076, banded at Waynesville, N. C., on August 19, 1926, by Miss M. A. Boggs, was retrapped at same place June 4, 1937 and April 24, 1938. (See vol. 10, p. 43, where this is listed as the eleventh return.)

475402, banded at Waseca, Minn., on July 11, 1931, by Miss Constance Everett, was retrapped and released at same place June 13, 1938.

A273715, banded at Huntington, L. I., N. Y., on May 4, 1932, by Geoffrey Gill, was retrapped at same place May 10, 1933, May 18, 1934, May 14, 1935, May 13, 1936, and May 20, 1937.

\*A298946, banded at Amherst, Mass., on August 19, 1932, by Mrs. F. M. Cutler, was retrapped at same place May 15, 1934, May 17, 1935, May 16, 1936, May 20, 1937, May 26, 1938, and June 8, 1939.

- A309551, banded at Demarest, N. J., on May 20, 1929, by B. S. Bowdish, was rebanded with C331693, July 14, 1934 and again retrapped at same place June 18, 1936.
- A368657, banded at Lisle, Ill., on May 31, 1931, by Dr. E. Jurica and V. Lakatek, was retrapped a third time at same place June 28, 1937.
- B331501, banded at Madison, Wis., on May 26, 1933, by George Wagner, was retrapped April 29, 1935, May 6, 1936, and May 4, 1939.

CALIFORNIA THRASHER. *Toxostoma redivivum*

- 592720, banded in Santa Cruz Mountains, Santa Clara County, Calif., on February 3, 1933, by E. L. Sumner, Jr., was retrapped 1 mile from banding place January 21, 1938.

ROBIN. *Turdus migratorius*

- A234137, banded at Zion, Ill., on September 12, 1930, by Louise J. Miller, was retrapped at same place August 18, 1938.
- A251834, banded at Cincinnati, Ohio, on May 30, 1930, by C. J. Goetz, was retrapped and rebanded with 36-210582 at same place July 19, 1936.
- A259369, banded at Worcester, Mass., on April 29, 1931, by Mrs. K. B. Wetherbee, was observed at same place May 5, 1936, identified by colored band.
- A264134, banded at Northville S. Dak., on April 13, 1932, by J. F. Brenckle, was retrapped April 9, 1934, and July 4, 1937.
- \*A271659, banded in Hamilton County, Ohio, on April 29, 1932, by C. J. Goetz, was found crippled at Greenville, Ala., February 15, 1939.
- \*B209215 banded at Wilton, N. Dak., on July 25, 1932, by Mrs. Hannah R. Gray, was retrapped at same place on April 18, 1937.
- B230628, banded at Northville, S. Dak., on September 12, 1932, by J. F. Brenckle, was killed at Stillwell, Okla., September 1937.
- B335488, banded at Fargo, N. Dak., on October 4, 1932, by T. W. Johnson, was retrapped at same place September 22, 1938.
- B338825, banded at Ottawa, Ont., on August 23, 1933, by R. E. DeLury, was found dead near banding place June 26, 1938.
- B340221, banded at Philadelphia, Pa., on July 20, 1932, by Dr. Wm. Pepper, was retrapped at same place March 13, 1936, and April 7, 1938, when band was changed to 37-242878.
- B370198, banded at East Durham, N. Y., on June 3, 1934, by Vernon Haskins, was captured and released near Statesville, N. C., March 8, 1939.

HERMIT THRUSH. *Hylocichla guttata*

- F125555, banded at Altadena, Calif., on October 25, 1933, by W. I. Allen, was retrapped at same place November 20, 1938.
- F125564, banded at Altadena, Calif., on November 12, 1933, by W. I. Allen, was retrapped at same place March 8, 1939.

CEDAR WAXWING. *Bombycilla cedrorum*

- 35-115973, banded at Modesto, Calif., on March 24, 1936, by Irl Rogers, was found dead at Garden Grove, Calif., April 26, 1940.
- \*C-140722, banded at Winnipeg, Man., on August 12, 1932, by V. W. Jackson, was probably found dead at Lawson, Ky., February 9, 1937.

SHRIKE. *Lanius ludovicianus*

- A279800, banded at Los Angeles, Calif., on August 23, 1931, by J. L. Partin, was shot while destroying nest of young Mockingbirds at Los Angeles, Calif., July 1936.

STARLING. *Sturnus vulgaris*

- A213620, banded at Columbus, Ohio, on February 16, 1929, by L. E. Hicks, was retrapped at same place March 23, 1939.

- A244039, banded at Wayne, Pa., on April 1, 1933, by C. Brooke Worth, was shot at same place March 12, 1938.  
A294909, banded at Overbrook, Pa., on November 24, 1931, by H. P. Bailey was found at Narberth, Pa., March 4, 1939.  
B228042, banded at Columbus, Ohio, on December 12, 1932, by L. E. Hicks, was retrapped at same place March 23, 1937.  
B235324, banded at Columbus, Ohio, on February 13, 1932, by L. E. Hicks, was found, probably dead, at Briggsdale, Ohio, May 17, 1937.  
34-206534, banded at Chicago, Ill., on December 27, 1933, by C. B. Coursen, was found, probably dead, in Chicago, Ill., February 21, 1939.

RED-EYED VIREO. *Vireo olivaceus*

- H21734, banded at Norristown, Pa., on August 26, 1932, by R. J. Middleton, was found dead 1½ miles from place of banding June 7, 1938.

MYRTLE WARBLER. *Dendroica coronata*

- H34352, banded at Huntington, L. I., N. Y., on October 23, 1933, by Geoffrey Gill, was killed at Dunbar, S. C., February 1, 1940.

AUDUBON'S WARBLER. *Dendroica auduboni*

- 34-97298, banded at Altadena, Calif., on December 1, 1935, by Walter I. Allen, was retrapped at same place February 13, 1940.

PINE WARBLER. *Dendroica pinus*

- L39797, banded at North Eastham, Cape Cod, Mass., on September 1, 1934, by O. L. Austin, was retrapped at same place May 27, 1939.  
L39839, banded at North Eastham, Mass., on September 7, 1934, by O. L. Austin, was killed by auto at same place June 20, 1939.

OVENBIRD. *Seiurus aurocapillus*

- L13327, banded 5 miles southwest of Ann Arbor, Mich., on July 3, 1935, by Harry W. Hann, was observed at the same place, identified by colored band, May 7, 1940.

MARYLAND YELLOW-THROAT. *Geothlypis trichas*

- H17826, banded at Nashville, Tenn., on August 31, 1932, by Mrs. F. C. Laskey, was retrapped at same place June 23, 1937.  
H93669, banded at Northville, S. Dak., on May 27, 1933, by J. F. Brenckle, was retrapped at same place June 10, 1934 and June 6, 1937, and the band changed to 37-93107.

YELLOW-HEADED BLACKBIRD. *Xanthocephalus xanthocephalus*

- \*B216433, banded near Great Falls, Mont., on June 13, 1932, by V. L. Marsh, was found dead at Farmington, Mont., about June 10, 1937.

RED-WINGED BLACKBIRD. *Agelaius phoeniceus*

- A163007, banded at Gulfport, Fla., on April 19, 1932, by Mrs. Daisie M. Morrison, was retrapped at same place April 20, 1937.  
A264384, banded at Branchport, N. Y., on August 30, 1931, by Verdi Burtch, was retrapped at same place August 18, 1936.  
A267467, banded at North Eastham, Mass., on April 18, 1932, by O. L. Austin, was found dead at South Westport, Mass., May 30, 1938.  
A277036, banded at North Eastham, Mass., on May 2, 1931, by O. L. Austin, was retrapped at same place May 20, 1937.  
A337575, banded at Avery Island, La., on February 16, 1933, by E. A. McIlhenny, was retrapped at the same place September 24, 1938.

- A337583, banded at Avery Island, La., on February 16, 1933, by E. A. McIlhenny, was retrapped at the same place October 8, 1938.  
 \*B209245, banded at Wilton, N. Dak., on August 14, 1932, by Mrs. Hannah R. Gray, was shot at Arden, Ark., February 4, 1939.  
 B231582, banded at Branchport, N. Y., on September 7, 1933, by Verdi Burtch, was found dead near Hammondsport, N. Y., April 18, 1938.  
 A277162, banded at North Eastham, Mass., on May 28, 1931, by O. L. Austin, was retrapped at the same place July 16, 1937.

TRI-COLORED REDWING. *Agelaius tricolor*

- \*A236238, banded near Glenn, Calif., on May 31, 1931, by T. T. McCabe, was shot at Maxwell, Calif., March 31, 1937.  
 \*A275036, banded at Princeton, Calif., on May 30, 1931, by T. T. McCabe, was probably found dead at Colusa, Calif., about February 5, 1938.  
 \*A275400, banded near Glenn, Calif., on May 31, 1931, by T. T. McCabe, was shot at Richvale, Calif., October 5, 1936.

BALTIMORE ORIOLE. *Icterus galbula*

- \*691257, banded at Winnipeg, Man., on August 10, 1930, by Paul Kuntz, was caught by a cat in Winnipeg, Man., May 26, 1937.  
 C159049, banded at Zion, Ill., on May 15, 1933, by C. E. Holcombe, was found dead at the same place June 2, 1938.

RUSTY BLACKBIRD. *Euphagus carolinus*

- A391050, banded at Fort Smith, Ark., on April 6, 1931, by S. H. Weakley, was shot near Shelby, Miss., January 30, 1939.  
 B201584, banded at Fort Smith, Ark., on March 5, 1933, by S. H. Weakley, was killed at Boynton, Ark., February 25, 1937.  
 B20354—, banded at Fort Smith, Ark., on March 10, 1933, by S. H. Weakley, was found dead at Sac City, Iowa, July 9, 1940.

BREWER'S BLACKBIRD. *Euphagus cyanocephalus*

- A283526, banded at Los Angeles, Calif., on July 15, 1932, by Mrs. F. T. Bicknell, was found dead at the same place December 28, 1937.  
 \*C103394, banded at Pasadena, Calif., on June 26, 1933, by H. Michener, was found dead at Altadena, Calif., April 8, 1938.

GRACKLE. *Quiscalus quiscula*

- 316390, banded at Paoli, Pa., on July 28, 1924, by H. D. McCann, was found dead at Upper Darby, Pa., October 13, 1938. This is apparently the oldest record to date for a passerine species.  
 468069, banded at Waseca, Minn., on August 14, 1931, by Miss Constance A. Everett, was found dead at Waseca, Minn., June 9, 1936.  
 712534, banded at Auburndale, Mass., on April 22, 1929, by C. B. Floyd, was shot at same place June 18, 1937.  
 A311691, banded at Crystal Bay, Minn., on April 25, 1929, by Frank W. Commons, was drowned in minnow box at Orono, Lake Minnetonka, Minn., June 22, 1938.  
 A408856, banded at Oak Bluffs, Mass., on July 23, 1930, by J. A. Gillespie, was trapped at the same place July 23, 1936, and rebanded with A462454.  
 \*A412618, banded at Keokuk, Iowa, on September 13, 1929, by M. Meigs, was captured at Lake Village, Ark., February 6, 1939.  
 A412940, banded at Hillsdale, Mich., on July 2, 1930, by F. Smith, was found dead at Plainville, Mich., May 20, 1937.  
 A421178, banded at Waukegan, Ill., on February 3, 1932, by W. I. Lyon, was found at Clinton, Ky., March 8, 1938.

- A422948, banded at Glenolden, Pa., on June 2, 1932, by J. A. Gillespie, was re-trapped at same place May 30, 1938 and rebanded with 38-300453.  
A446165, banded at Kansas City, Mo., on June 6, 1932, by H. C. Hedges, was found injured at Houston, Texas, February 1, 1937. It was cared for and released February 23, 1937, and was recaptured at place of banding May 19, 1937.  
B201224, banded at Copemish, Mich., on April 29, 1932, by F. W. Hatch, was killed in rat trap at Copemish, Mich., April 19, 1937.  
B347628, banded at Northville, S. Dak., on September 6, 1932, by J. F. Brenckle, was found dead at Hardin, Texas, February 25, 1937.  
B361501, banded at Indianapolis, Ind., on June 20, 1932, by A. D. Heath, was found dead near Kennett, Mo., March 2, 1937.  
B378410, banded at Fargo, N. Dak., on September 3, 1932, by H. G. Heggeness, was caught at Kilgore, Texas, March 4, 1937.

COWBIRD. *Molothrus ater*

- B204603, banded at Ottawa, Ont., on April 17, 1932, by R. E. DeLury, was killed at Trenton, Tenn., January 11, 1937.  
B204619, banded at Ottawa, Ont., on April 28, 1932, by R. E. DeLury, was killed in Colleton County, S. C., November 21, 1936.

CARDINAL. *Richmondia cardinalis*

- 477220, banded at Merion, Pa., on March 24, 1930, by Geo. H. Beatty, Jr., was found dead about a mile from the banding station, July 4, 1938.  
A191995, banded at Platteville, Wis., on December 6, 1931, by Leo Speth, was found, probably dead, at same place, September 10, 1938.  
A223258, banded at Goshen, Ind., on January 31, 1931, by S. W. Witmer, was re-trapped at same place May 16, 1937, and rebanded with 36-206902.  
A271754, banded at Cincinnati, Ohio, on July 10, 1932, by C. J. Goetz, was re-trapped at same place August 31, 1937, and rebanded with 37-222448.  
A281658, banded at Water Valley, Miss., on March 31, 1933, by E. Earl Bell, was re-trapped at same place March 17, 1937.  
A337672, banded at Avery Island, La., on February 22, 1933, by E. A. McIlhenny, was re-trapped at same place October 1, 1938.

ROSE-BREADED GROSBIEK. *Hedymeles ludovicianus*

- B169381, banded at Milford, N. H., on June 24, 1932, by J. P. Melzer, was re-trapped at same place July 3, 1938 and May 14, 1939.  
34-235618, banded at Lexington, Mass., on June 11, 1934, by Mrs. Ada C. Govan, was re-trapped at same place May 18, 1939. (Fifth return.)  
34-235623, banded at Lexington, Mass., on July 7, 1934, by Mrs. Ada C. Govan, was re-trapped at same place May 23, 1939. (Fifth return.)

BLACK-HEADED GROSBIEK. *Hedymeles melanocephalus*

- A284151, banded at Yosemite National Park, Calif., on May 5, 1933, by A. E. Borell, was re-trapped at same place June 28, 1938.  
A284401, banded at Flagstaff, Ariz., on May 28, 1933, by L. L. Hargrave, was re-trapped at same place May 16, 1938.  
A284406, banded at Flagstaff, Ariz., on June 4, 1933, by L. L. Hargrave, was re-trapped at same place May 26, 1938.  
A284473, banded at Yosemite National Park, Calif., on July 11, 1933, by M. E. Beatty, was re-trapped at same place May 5, 1938.  
C175524, banded at Yosemite National Park, Calif., on July 14, 1933, by M. E. Beatty, was re-trapped at same place May 6, 1937.

INDIGO BUNTING. *Passerina cyanea*

- F19694, banded at Ulivera, N. Y., on June 16, 1932, by Mrs. Florence K. Daley, was re-trapped at same place June 5, 1937.



- \*H73036, banded at Nashville, Tenn., on August 30, 1933, by Mrs. F. C. Laskey, was retrapped at same place May 19, 1938. Head pecked by unknown bird causing death. (Fourth return.)
- \*34-87190, banded at Nashville, Tenn., on May 17, 1935, by Mrs. F. C. Laskey, was retrapped at same place May 10, 1939, and May 8, 1940. (Fifth return.)

EVENING GROSBEAK. *Hesperiphona vespertina*

- A210132, banded at Sault Ste. Marie, Mich., on February 6, 1929, by M. J. Magee, was retrapped at same place January 23, 1937.
- A210144, banded at Sault Ste. Marie, Mich., on February 8, 1929, by M. J. Magee, was retrapped same place January 27, 1937.
- A272594, banded at Winnipeg, Man., on March 7, 1933, by P. Kuntz, was killed by auto at Elk Rapids, Mich., March 24, 1937.
- A275907, banded at Blaney Park, Mich., on May 19, 1934, by K. Christofferson, was retrapped at Sault Ste. Marie, Mich., May 13, 1939.
- A280075, banded at Sault Ste. Marie, Mich., on January 10, 1932, by M. J. Magee, was probably found dead about February 27, 1939, at Ottawa, Ont.

PURPLE FINCH. *Carpodacus purpureus*

- B69074, banded at Peterboro, N. H., on July 16, 1930, by C. L. Whittle, was retrapped at same place May 6, 1936.
- B69259, banded at Peterboro, N. H., on April 21, 1931, by C. L. Whittle, was retrapped at same place July 20, 1938.
- B91669, banded at Blaney Park, Mich., on May 1, 1933, by K. Christofferson, was retrapped at same place May 11, 1934, July 18, 1935, April 30, 1936, April 23, 1937, and May 4, 1938.
- B107252, banded at Bar Harbor, Maine, on May 13, 1930, by Mrs. Effie A. Anthony, was retrapped at same place May 14, 1937 and July 26, 1938.
- B114019, banded at Northeast Harbor, Maine, on August 1, 1930, by H. P. Bailly, was retrapped at same place August 13, 1937.
- B132232, banded at Milford, N. H., on April 16, 1931, by J. P. Melzer, was retrapped at same place April 24, 1937.
- B152932, banded at Bar Harbor, Maine, on June 28, 1931, by Mrs. Effie A. Anthony, was retrapped at same place April 29, 1938.
- B158483, banded at Athol, Mass., on September 29, 1931, by Robert Allison, was retrapped at same place April 4, 1938.
- B160044, banded at Bar Harbor, Maine, on July 22, 1931, by Mrs. Effie A. Anthony, was retrapped at same place June 30, 1937 and May 5, 1938.
- B203109, banded at Pomfret, Conn., on August 4, 1932, by Mrs. K. B. Wetherbee, was retrapped at same place May 10, 1936.
- C121565, banded at Sault Ste. Marie, Mich., on May 13, 1932, by M. J. Magee, was retrapped at same place April 20, 1938.
- \*F38113, banded at Groton, Mass., on July 22, 1931, by W. P. Wharton, was retrapped at same place July 20, 1936 and May 22, 1937.
- C121824, banded at Sault Ste. Marie, Mich., on July 16, 1932, by M. J. Magee, was retrapped at same place May 23, 1939.
- C199873, banded at Milford, N. H., on May 7, 1933, by J. P. Melzer, was shot at Greenville, N. C., on January 29, 1939.
- F47227, banded at Sault Ste. Marie, Mich., on July 8, 1931, by M. J. Magee, was retrapped at same place May 1, 1937.
- F61943, banded at Sault Ste. Marie, Mich., on October 1, 1931, by M. J. Magee, was retrapped at same place October 6, 1937 and October 15, 1938.
- F91085, banded at Milton, Mass., May 4, 1932, by W. R. Peabody, was retrapped at same place April 21, 1935, April 28, 1936, and June 29, 1937.
- H58428, banded at Worcester, Mass., on January 6, 1933, by Mrs. K. B. Wetherbee, was retrapped at same place March 12, 1939.
- H89206, banded at Sault Ste. Marie, Mich., on May 4, 1933, by M. J. Magee, was retrapped at same place May 6, 1934, May 5, 1935, May 1, 1938, May 14, 1940, and May 11, 1941.

HOUSE FINCH. *Carpodacus mexicanus*

- C41213, banded at Los Angeles, Calif., on April 17, 1931, by Miss Blanche Vignos, was retrapped at same place March 6, 1936.  
F32934, banded at Los Angeles, Calif., on June 20, 1931, by J. L. Partin, was found dead at same place about September 24, 1936.  
\*F37062, banded at Los Angeles, Calif., on July 27, 1931, by Miss Blanche Vignos, was retrapped at same place May 27, 1936.  
F89929, banded at Pasadena, Calif., on June 29, 1932, by Mrs. Harold Michener, was retrapped at same place December 9, 1935 and March 13, 1937.

GOLDFINCH. *Spinus tristis*

- C117245, banded at Fort Smith, Ark., on January 5, 1933, by S. H. Weakley, was retrapped at same place March 1, 1936 and January 21, 1939.  
F29861, banded at Milton, Mass., on March 25, 1931, by W. R. Peabody, was retrapped at same place March 24, 1937.  
H81110, banded at Fort Smith, Ark., on March 3, 1933, by S. H. Weakley, was retrapped at same place January 26, 1936, February 5, 1938, and December 18, 1938.

(to be concluded)

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GENERAL NOTES

**Killdeer Nesting near Heavy Artillery.**—When one considers the terrific muzzle-blast of large caliber guns, the following incident reported to me by Lieutenant-Commander F. L. Busey, of the U. S. Naval Proving Ground, at Dahlgren, Va., is truly remarkable.

Commander Busey writes that Killdeers (*Oxyechus vociferus*) “nested and hatched young about 100 feet in front of the muzzles of the 16-inch guns. These guns were fired three or four times per week and the nests were located almost in the position of the greatest gumblast effect. When the guns were fired the birds were seen to fly away but returned shortly. Battery attendants examined the nests and noticed that the eggs did not break or roll out of the nests as a result of the firing. After the young were hatched they were seen walking on the ground in the vicinity of the nest, but they disappeared from the vicinity shortly after.”

The Commander adds that Quail (Bob-white) are noticed continuously on the ground within 400 feet of the muzzles of the big guns but, while no particular search has been made, no one has discovered any nests of these birds. In this connection it may be pointed out that the reservation of the Proving Ground is a game sanctuary and battery attendants and workmen are in the habit of putting out food for birds. As a result the birds are very tame and coveys of Bob-white are frequently seen in the vicinity of the firing and bombing areas. Commander Busey states that from his own experience it is very difficult to frighten the coveys and that they rarely flush except when in danger of automobiles on the roads.—FREDERICK C. LINCOLN, Fish and Wildlife Service, Washington, D. C.

**Two Notes on Kingbird Behavior.**—While stopping for gasoline at Livingston Manor, New York, on June 20, 1941, my attention was attracted by the characteristic, monotonous food call of nestling Baltimore Orioles (*Icterus galbula*) coming from an apple tree across the highway. The nest was easily located and, wishing to examine the young, I climbed the tree. This alarmed the parents and a pair of Kingbirds (*Tyrannus tyrannus*) as well. The cause for the kingbirds' concern was revealed when I discovered that they were nesting in the same tree as the orioles, and not far from them. The latter's nest was about twenty feet above the ground and attached to a nearly upright branch in the top of the tree,