

RETURNS FROM BANDED BIRDS:
SOME INTERESTING RECOVERIES

By MAY THACHER COOKE

INTERESTING records of banded birds are accumulating at a bewildering rate and to pick out records for publication is a difficult task. It seems as though for every record selected three or four equally interesting ones must be rejected for lack of space.

Some birds seem to be determined to upset our preconceived ideas of migration while others demonstrate the correctness of those theories.

As in previous articles in this series an asterisk preceding the number indicates that the bird was known to be a bird of the year when banded.

COMMON LOON (*Gavia immer*)

34-669536, banded at Manitoulin Is. (Lake Huron), Ont., on September 2, 1935, by Wm. I. Lyon, was found dead near Beach Haven, N. J., April 25, 1943.

WHITE PELICAN (*Pelecanus erythrorhynchos*)

204190, banded near Medina, N. Dak., on July 17, 1933, by Wm. I. Lyon, was found dead from botulism at the Long Lake National Wildlife Refuge, Moffit, N. Dak., June 15, 1942.

34-701109, banded at Yellowstone Park, Wyo., on July 6, 1934, by R. W. Toll, was shot in Gallatin Co., Mont., August, 1942.

DOUBLE-CRESTED CORMORANT (*Phalacrocorax auritus*)

*A702594, banded at Waubay Lake, Day Co., S. Dak., on June 28, 1929, by A. R. Lundquist, was killed at Ventress, La., February 11, 1943.

*A702975, banded at Waubay Lake, Day Co., S. Dak., on August 9, 1929, by A. R. Lundquist, was shot at Wheaton, Minn., October 16, 1942.

*41-810231, banded at Big Pilgrim Is., Kamouraska Co., Que., on July 1, 1941, by H. H. Southam, was drowned in a fish net at Pearlington, Miss., February 4, 1943.

*41-810590, banded at Long Pilgrim Is., Kamouraska Co., Que., on July 2, 1941, by H. H. Southam, was shot at Horseshoe, Fla., January 20, 1942.

GREAT BLUE HERON (*Ardea herodias*)

*418927, banded at Nebraska National Forest, Halsey, Nebr., on June 6, 1926, by Jay Higgins, was killed at Barroteran, Coahuila, Mex., October, 1941.

*40-719115, banded on Beaver Islands, Mich., on July 3, 1940, by F. E. and C. C. Ludwig, was killed by a hawk at Bocay, Nicaragua, January 2, 1943.

WOOD IBIS (*Mycteria americana*)

*34-640547, banded at Alligator Lake, Cape Sable, Fla., on March 17, 1938, by E. J. Reimann, was found wounded at Little River, Ala., July 20, 1938.

*34-640555, banded at Alligator Lake, Cape Sable, Fla., on March 17, 1938, by E. J. Reimann, was captured on the Altamaha River, Tattnall Co., Ga., August 5, 1940.

WHISTLING SWAN (*Cygnus columbianus*)

A703572, banded at the Malheur National Wildlife Refuge, Burns, Oreg., October 18, 1930, by Geo. M. Benson, was killed at Hooper Bay, Alaska, in the fall of 1939.

WHITE-FRONTED GOOSE (*Anser albifrons*)

- *40-736039, banded at Chevak, Alaska, near the Yukon River Delta, July 19, 1941, by C. E. Gillham, was killed at Tule Lake, Calif., November 21, 1941.
 40-736034, banded at the same place, July 19, 1941, by C. E. Gillham, was killed December 7, 1941, at Yolo By-Pass, Sacramento, Calif.
 *40-736035, banded at the same place, July 19, 1941, by C. E. Gillham, was shot at Tule Lake, Calif., October 19, 1941.

BLUE GOOSE (*Chen caerulescens*)

- 34-702516, banded at Avery Island, La., December 2, 1934, by E. A. McIlhenny, was shot near Grand Chenier, La., December 17, 1942.
 41-801756, banded at Avery Island, La., February 13, 1941, by E. A. McIlhenny, was shot near Fort Severn, Ont., May 12, 1942.

MALLARD (*Anas platyrhynchos*)

- 418389, banded at Portage des Sioux, Mo., March 3, 1928, by John Broeker, was shot at Madison Lake, Minn., fall of 1940.
 *41-706386, banded at the Chautauqua National Wildlife Refuge, Havana, Ill., December 15, 1940, by John M. Anderson, was shot at Swan Valley, 40 mi. E. Idaho Falls, Idaho, November 30, 1942.

BLACK DUCK (*Anas rubripes*)

- B641425, banded at Pennsgrove, N. J., November 13, 1931, by E. C. Smith, was shot at Hospitality Creek, between Longport and Somers Point, N. J., December 4, 1942.
 40-662195, banded at Newburyport, Mass., December 25, 1940, by J. A. Hagar, was shot at Nain, Labrador, September 6, 1942.

PINTAIL (*Dafila acuta tzitzihou*)

- B658819, banded at Ellinwood, Kans., February 22, 1932, by F. W. Robl, was killed at Live Oak, Calif., October 27, 1940.
 B658927, banded at Ellinwood, Kans., February 25, 1932, by F. W. Robl, was shot at Stone Co., Mo., October 24, 1940.
 B673028, banded at Ladner, B. C., November 12, 1932, by G. C. Reifel, was shot near Cloverdale, B. C., January 15, 1943.
 C621448 banded at the Bear River Migratory Bird Refuge, Brigham, Utah, July 9, 1934, by Geo. E. Mushbach, was "caught" at Golovin, Alaska, May 14, 1943.
 C639118, banded at Ladner, B. C., November 19, 1933, by G. C. Reifel, was shot at Cordova, Alaska, September 15, 1940.
 *41-601419, banded at the Chautauqua National Wildlife Refuge, Havana, Ill., October 20, 1942, by Dr. J. B. Low, was shot 7 mi. N. W. of Wichita, Kans., October 23, 1942 (an air-line distance of more than 450 miles from point of banding).
 40-603280, banded at the Bowdoin National Wildlife Refuge, Malta, Mont., August 29, 1942, by Vernon Ekedahl, was shot near the Gulf coast in Taylor Co., Fla., November 15, 1942.

GREEN-WINGED TEAL (*Nettion carolinense*)

- 36-529730, banded at the Malheur National Wildlife Refuge, Burns, Oreg., October 15, 1937, by John H. Carter, was shot 5 mi. S. W. of Tyler, Tex., November 30, 1942.
 40-520418, banded at Tulare Lake, Calif., September 26, 1940, by Gordon H. True, was killed at Henley Harbour (Straits of Belle Isle) Labrador, June 10, 1943. This bird had recovered from botulism before it was banded.

BLUE-WINGED TEAL (*Querquedula discors*)

- *39-512074, banded at the Necedah National Wildlife Refuge, Necedah, Wis., September 28, 1942, by R. W. Hunt, was shot at Chitre, Panama, November 27, 1942.

- 39-536877, banded at Whittle's Point, Lake Winnipeg, Manitoba, August 8, 1941, by A. Sullivan, was killed at Mantua, Pinar del Rio, Cuba, in January, 1942.
*40-509328, banded at Orland Park, Ill., September 17, 1941, by L. H. Hutchens, was shot at Clarendon, Jamaica, about February 24, 1943.
41-522564, banded at Orland Park, Ill., August 17, 1942, by John Jedlicka, was shot at Etang Saumatre, Haiti, January 31, 1943.
*41-600815, banded at Orland Park, Ill., September 11, 1941, by L. H. Hutchens, was shot at Port au Prince, Haiti, October 10, 1941.

SHOVELER (*Spatula clypeata*)

- 36-627617, banded at the Chautauqua National Wildlife Refuge, Havana, Ill., April 20, 1936, by G. Gigstead, was found dead at Kylemore, Sask., about June 5, 1943.

RING-NECKED DUCK (*Nyroca collaris*)

- C600331, banded at Abbeville, La., January 15, 1933, by Richard H. Gordon, was shot at Avery Island, La., November 19, 1942.

GREATER SCAUP DUCK (*Nyroca marila*)

- 38-668409, banded at Ithaca, N. Y., February 7, 1939, by A. A. Allen, was recovered at Port Simpson, B. C., about March 13, 1943.

RED-TAILED HAWK (*Buteo borealis*)

- A714236, banded at Fairdale, N. Dak., March 25, 1934, by F. J. Vejtasa, was shot at Centerville, Tex., December 6, 1942.

FERRUGINOUS ROUGH-LEG (*Buteo regalis*)

- *39-723945, banded at Wendover, Utah (53 mi. East), June 2, 1941, by O. J. Murie, was recovered at Athol, S. Dak., September 30, 1941.
*39-723950, banded at Wendover, Utah (53 mi. East), same nest as 39-723945, June 2, 1941, by O. J. Murie, was found dead near Strathford, Calif., October 29, 1941.

BALD EAGLE (*Haliaeetus leucocephalus*)

- *40-810174, banded at Largo, Fla., February 8, 1941, by C. L. Broley, was shot at East Baltic, Kings Co., P. E. I., June 1, 1941.

MARSH HAWK (*Circus hudsonius*)

- *36-670823, banded at the Lower Souris National Wildlife Refuge, Upham, N. Dak., July 10, 1938, by C. J. Henry, was shot at Edgewood, B. C., about August, 14, 1938.
*A546868, banded at Key West, Fla., October 23, 1936, by W. W. Demeritt, was shot at Tyne Valley, P. E. I., in August, 1939.

OSPREY (*Pandion haliaetus carolinensis*)

- *34-708192, banded at Gardiners Island, L. I., N. Y., July 3, 1941, by LeRoy Wilcox, was found dead between Barbacoas and El Diviso, Dept. of Narino, Colombia, in December, 1941.

DUCK HAWK (*Falco peregrinus anatum*)

- *41-721329, banded at Falls, Pa., June 7, 1941, by R. M. Stabler, was shot at Chandlerville, Ill., August 15, 1941.

FLORIDA GALLINULE (*Gallinula chloropus cachinnans*)

- *39-541311 banded at the Montezuma National Wildlife Refuge, Seneca Falls, N. Y., September 17, 1942, by M. Radway, was found dead near Fort Myers, Fla., December 12, 1942.

PIPER PLOVER (*Charadrius melodus*)

- *41-107222, banded at Penn Yan, N. Y., July 13, 1941, by M. J. Lerch, was trapped and released at banding station, Long Point Beach, Ont., July 7, 1943, by H. H. Southam.

WOODCOCK (*Philohela minor*)

- 34-418307, banded at Sherburne, La., January 2, 1937, by L. J. Merovka, was shot in Kings County, Nova Scotia, October 28, 1940.
- *37-320840, banded at Baring, Me., May 10, 1941, by H. L. Mendall, was shot at Chase Mills, Pa., October 24, 1941.
- *39-425017, banded near State College, Pa., May 8, 1939, by Logan J. Bennett, was shot at Vicksburg, Miss., December 27, 1940.

WILSON'S SNIPE (*Capella delicata*)

- 35-335683, banded at Modesto, Calif., November 13, 1939, by Irl Rogers, was killed at Santa Rosa, Calif., November 26, 1939. An air-line distance of more than 100 miles from point of banding.

HERRING GULL (*Larus argentatus*)

- *657289, banded at St. Mary's Island Sanctuary, Quebec, July 20, 1928, by E. H. Fletcher, was recovered at McIvers, Bay of Islands, west coast of Nfld., April 26, 1942.
- *34-528662, banded at Spider Is., Door Co., Wis., June 24, 1934, by Wm. I. Lyon, was found dead at LaPrairie, Que., about February 17, 1943.

SOOTY TERN (*Sterna fuscata*)

- 275893, banded at Ascension Island, South Atlantic Ocean, spring of 1926, by Geo. Finley Simmons, was captured at the same locality, July 7, 1942.

ROYAL TERN (*Thalasseus maximus*)

- *A543445, banded at Cape Romain, Charleston Co., S. C., July 11, 1933, by E. Milby Burton, was found at Alquizar, Havana Province, Cuba, March 8, 1943.
- *40-517963, banded at Pea Island, Dare Co., N. C., July 16, 1940, by H. T. Davis, was captured at Riohacha, Magdalena, Colombia, April 12, 1943.

CASPIAN TERN (*Hydroprogne caspia imperator*)

- *34-525280, banded at the Beaver Islands, Mich., July 7, 1934, by F. E. Ludwig, was found after flying against a power line, Luther, Mich., May 25, 1943.

MOURNING DOVE (*Zenaidura macroura*)

- *41-330217, banded at Lisle, Ill., May 21, 1942, by Dr. E. Jurica, was shot at Bainbridge, Ga., December 14, 1942.
- 41-405620, banded at La Crosse, Wis., August 18, 1941, by Paul Gatterdam, was shot at Ayo el Chico, Jalisco, Mexico, November 15, 1942.

CHIMNEY SWIFT (*Chaetura pelagica*)

- 40-44692, banded at Macon, Ga., May 7, 1940, by R. J. Fleetwood, was captured and released at Litchfield, Conn., May 19, 1940.

On May 24, 1942, Irvin St. J. Sturgis at Lexington, Mo., retrapped two Swifts banded by him at the same place August 15 and 16, 1935, and two banded May 11, 1936.

BLUE JAY (*Cyanocitta cristata*)

- A273216, banded at Ware, Mass., May 5, 1931, by L. R. Marland, was found recently dead at Ware, Mass., June 12, 1943.
- 41-343930, banded at Beltsville, Md., January 17, 1943, by W. M. Davidson, was found dead at East Orange, N. J., April 16, 1943.

CATBIRD (*Dumetella carolinensis*)

- 35-138262, banded at Huntington, Long Island, N. Y., July 10, 1936, by Geoffrey Gill, was trapped and released at the same locality by Mr. Gill on May 14, 1937, May 6, 1938, May 9, 1939, May 16, 1940, September 26, 1941, and May 8, 1942.

BROWN THRASHER (*Toxostoma rufum*)

- 36-353395, banded at Brookland, Washington, D. C., May 22, 1937, by C. J. Stajkowski, was trapped and released at the same locality by the Rev. Edward Stoehr and the Rev. Arabian Kekich on April 20, 1938, April 23, 1939, September 11, 1939, April 23, 1940, September 6, 1940, May 13, 1941, and April 16, 1942.
- *39-252744, banded at Washington, Pa., September 13, 1939, by Mrs. T. C. Luellen, was shot at Crosby, Miss., January 13, 1940.

ROBIN (*Turdus migratorius*)

- *40-240297, banded at Fargo, N. Dak., July 10, 1941, by W. E. Brentzel, was caught at Cropwell, Ala., December 24, 1941.
- 40-270930, banded at Washington, D. C., May 7, 1941, by the Rev. Edward Stoehr, was found injured 5 mi. E. of Eustis, Fla., February 15, 1943.
- 40-344544, banded at Blue Island, Ill., July 11, 1942, by A. H. Reuss, Jr., was probably killed at Bethune, S. C., November 12, 1942.
- *41-230867, banded at Overbrook, Pa., August 7, 1942, by H. P. Baily, was recovered at Port St. Joe, Fla., December 29, 1942.
- *41-231678 banded at Washington, D. C., June 13, 1942, by the Rev. F. Kekich, was found dead at De Soto, Ga., in early March, 1943.

WOOD THRUSH (*Hylocichla mustelina*)

- *38-139419, banded at Ardmore, Pa., August 30, 1938, by Horace Groskin, was trapped and released at Ardmore by Mr. Groskin May 30, 1943. The second return.

HERMIT THRUSH (*Hylocichla guttata*)

- 38-177160, banded at Winter Park, Fla., December 1, 1938, by W. N. MacBriar, was shot at Edna, Jackson Co., Tex., February, 1939.

WESTERN GNATCATCHER (*Poliottila caerulea*)

- *42-6909, banded at Livermore, Alameda Co., Calif., May 31, 1942, by E. C. Kinsey, was found injured (died) at Fairfax, Marin Co., Calif., August 20, 1942. An air-line distance of more than 50 miles from point of banding.

PROTHONOTARY WARBLER (*Protonotaria citrea*)

- *40-29355, banded at Convis, Calhoun Co., Mich., June 16, 1940, by L. H. Walkinshaw, was taken at nest in same locality June 25, 1942, and was identified by colored bands at same locality June 24, 1943.

BLUE-WINGED WARBLER (*Vermivora pinus*)

- 36-10011, banded at Huntington, Long Island, N. Y., May 9, 1937, by Geoffrey Gill, was trapped and released at the same locality by Mr. Gill on June 21, 1941.

MYRTLE WARBLER (*Dendroica coronata*)

- 239-3556, banded at Wilton, N. Dak., September 25, 1939, by Mrs. H. R. Gray, was shot at Leola, Ark., January, 1940.

MEADOWLARK (*Sturnella magna*)

- *39-350699, banded at Nashville, Tenn., June 17, 1941, by Mrs. F. C. Laskey, was killed by a cat at Akron, Ala., November 6, 1942.

RED-WINGED BLACKBIRD (*Agelaius phoeniceus*)

- B267433, banded at Oakhurst, Fla., April 10, 1934, by G. D. Robinson, was caught 9 mi. S. Largo, Fla., February 20, 1941.
- 35-218594, banded at Branchport, N. Y., October 20, 1935, by Verdi Burtch, was trapped and released at banding station, Prattsburg, N. Y., May 8, 1943, by Carleton A. Sturdevant.

ORCHARD ORIOLE (*Icterus spurius*)

37-162203, banded at North Little Rock, Ark., July 13, 1937, by Mrs. Rowland Thomas, was trapped and released at the same locality, June 14, 1942.

BALTIMORE ORIOLE (*Icterus galbula*)

36-162369, banded at Fargo, N. Dak., May 29, 1937, by O. A. Stevens, was found dead in screened enclosure at same locality June 3, 1943.

GRACKLE (*Quiscalus quiscula*)

B256262, banded at Mont Belvieu, Tex., March 24, 1934, by Dr. A. R. Shearer, was killed near Houston, Tex., about March 8, 1943.

CARDINAL (*Richmondia cardinalis*)

C325744, banded at Lansing, Mich., March 6, 1934, by C. C. Ludwig, was trapped and released at the same locality March 19, 1937, and September 22, 1942.

34-206087, banded at Ann Arbor, Mich., December 26, 1934, by Thomas Weller, was trapped and released near the same locality July 20, 1941, and June 23, 1942, by Dr. J. Van Tyne.

EVENING GROSBEAK (*Hesperiphona vespertina*)

B261557, banded at Sault Ste. Marie, Mich., May 15, 1934, by M. J. Magee, was found dead at Seymour, Wis., January 31, 1942.

40-321303, banded at Charlesbourg, Que., February 6, 1940, by Raymond Cayouette, was trapped and released at banding station, Sault Ste. Marie, Mich., May 12, 1940, by Mr. J. Magee.

PURPLE FINCH (*Carpodacus purpureus*)

*35-44687, banded at Sault Ste. Marie, Mich., September 12, 1935, by M. J. Magee, was trapped and released at same locality May 18, 1936, May 8, 1937, May 12, 1938, May 13, 1939, August 25, 1940, August 5, 1941, and September 5, 1942.

36-154808, banded at Barre, Vt., July 29, 1936, by Mrs. Howard A. Drew, was captured and released at same locality July 5, 1939, July 1, 1940, and July 12, 1942.

REDPOLL (*Acanthis linaria*)

36-16048, banded at South Hamilton, Mass., on March 4, 1936, by Maxwell E. Foster, was probably found dead at Sainte Anne de la Pocatière, Que., April 1, 1936.

LARK BUNTING (*Calamospiza melanocorys*)

40-122134, banded March 30, 1940, at Tempe, Ariz., by V. R. Kiessling, was killed by an automobile near San Angelo, Tex., November 10, 1940.

JUNCO (*Junco hyemalis*)

36-40868, banded January 5, 1937, at Beltsville, Md., by W. M. Davidson, was trapped and released at the same locality December 10, 1942.

TREE SPARROW (*Spizella arborea*)

34-28432, banded at Grand Rapids, Mich., February 7, 1936, by Mrs. Margaret T. Dumond, was trapped and released at the same locality December 17, 1942, this being the fifth return.

36-44198, banded at Milton, Mass., January 3, 1938, by E. P. Hamilton, was trapped and released at same locality January 30, 1943.

37-99172, banded at Barre, Vt., February 5, 1938, by Mrs. Howard A. Drew, was trapped and released at the same locality February 28, 1940, January 30, 1941, and January 6, 1943.

139-36834, banded at South Hadley, Mass., February 13, 1942, by F. A. Saunders, was found dead near Wilkes-Barre, Pa., March 10, 1943.

139-46024, banded at Hartford, Conn., April 7, 1940, by R. W. Goodale, was trapped and released at banding station at Barre, Vt., April 14, 1940, by Mrs. Howard A. Drew.

CHIPPING SPARROW (*Spizella passerina*)

34-79391, banded at Buck Hill Falls, Pa., June 29, 1937, by Elizabeth F. Norris, was trapped and released at the same station August 11, 1941.

41-10232, banded at North Andover, Mass., October 12, 1941, by O. M. Root, was captured at Tabor City, N. C., December 2, 1942.

HARRIS'S SPARROW (*Zonotrichia querula*)

*38-111567, banded at Fargo, N. Dak., October 4, 1937, by O. A. Stevens, was killed at Fort Worth, Tex., December 29, 1937.

WHITE-CROWNED SPARROW (*Zonotrichia leucophrys*)

39-168082, banded at Wells River, Vt., May 20, 1939, by W. P. Smith, was shot at Marmaduke, Ark., January 7, 1942.

WHITE-THROATED SPARROW (*Zonotrichia albicollis*)

A183316, banded at East Lansing, Mich., October 2, 1939, by J. W. Stack, was shot 6 mi. from Monroe, La., about February 21, 1943.

40-186761, banded at Norristown, Pa., May 2, 1941, by R. J. Middleton, was caught at Galivants Ferry, S. C., November 18, 1941.

42-156004, banded at South Ozone Park, L. I., New York, October 2, 1942, by J. H. Mayer, was caught at Enfield, N. C., November 3, 1942.

SONG SPARROW (*Melospiza melodia*)

35-116531, banded at Harvard, Mass., April 24, 1936, by J. L. Peters, was trapped and released at the same locality March 26, 1942, and again on October 29, 1942.

141-13543, banded at Brooklyn, N. Y., November 4, 1942, by H. P. Mahnken, was found at Gascons, Bonaventure Co., Que., April 22, 1943.

SNOW BUNTING (*Plectrophenax nivalis*)

38-195998, banded at Toronto, Ont., by H. H. Southam, March 22, 1940, was caught in a net at L'Anse au Clair, Que., April 4, 1942.

Fish and Wildlife Service,
Washington, D. C.

THE ROLE OF LONGEVITY IN SUCCESSFUL BREEDING
BY THE COMMON TERN (*Sterna hirundo*)

BY OLIVER L. AUSTIN, M.D.¹

¹Contribution No. 39 by the Austin Ornithological Research Station.

LONGEVITY in an avian species is of moment, and more than a matter of passing interest, when its incidence and frequency have a direct bearing on the welfare and consequent numerical strength of the species.