

LONGEVITY RECORDS OF NORTH AMERICAN BIRDS: COEREBINAE THROUGH ESTRILDIDAE

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Abstract.—This is the fourth paper of a 4-part series detailing the longevity records of marked North American birds. The previous three papers can be found in the *Journal of Field Ornithology*, Volumes 53 and 54. Prior to this series only one definitive paper (Kennard 1975) had been written on North American taxa. Records for 84 taxa are included in this paper. Thirty are birds older than those listed by Kennard. Thirty-nine are new records and 9 are those listed in Kennard.

REGISTROS DE LONGEVIDAD DE AVES DE NORTE AMÉRICA: COEREBINAE A ESTRILDIDAE

Sinopsis.—Este trabajo es el último de una serie de 4, sobre registros de longevidad a base de anillamientos de aves de Norte América, que suplementan el trabajo de Kennard (1975). Los trabajos previos (3) fueron publicados en los volúmenes 53 y 54 del *Journal of Field Ornithology*. El actual trabajo cubre 84 especies. Treinta y nueve son nuevos informes de longevidad, 30 tienen una longevidad mayor y 9 son similares a lo que informa Kennard.

This paper is the fourth in a 4-part series supplementing and extending an earlier summary by Kennard (1975). It is based on an extensive review of the literature and a detailed examination of the records in the Bird Banding Laboratory (hereafter BBL), Laurel, Maryland. A more detailed account of the method and changes in format from Kennard is given by Clapp et al. (1982).

Data listed in the table of longevity (Table 2) are presented in the same format as in the preceding papers in this series (Clapp et al. 1982, 1983). The estimated minimum age is calculated by assuming a hatching date of 1 June as was done by Kennard (1975). The number of recoveries listed for each species includes all reports processed through August 1985. The figure for the number of birds banded is a composite derived from several sources (Clapp et al. 1982) and is an inexact, but close, approximation of the total number banded since the inception of bird banding in North America. Table 1 lists the BBL codes for age, sex and those describing how the bird was obtained. Parentheses around an age and/or sex indicate a change from the original record based upon either recapture or the current BBL age codes.

Symbols given before the common name in Table 2 indicate modifications of Kennard's (op. cit.) work. A # indicates that this is the same

TABLE 1. Codes used in list of longevities of North American birds (Table 2).

Codes for age and sex and their verbal equivalent		
A = Adult	HY = Hatching year	M = Male
AHY = After hatching year	I = Immature	S or SA = Subadult
ASY = After second year	J = Juvenile	SY = Second year
F = Female	L = Local	U = Unknown

Codes for "How Recovered"	
00 = Found dead	57 = Caught due to entanglement in anything other than fishing gear
01 = Shot	89 = Trapped and released by bander in different 10-minute block from where originally banded
03 = Caught due to injury	97 = Miscellaneous. Method of recovery not covered by codes
04 = Caught by or due to trap or snare other than those used for catching birds	99 = Trapped and released by bander in same 10-minute block where originally banded
10 = Died during banding operations	
12 = Caught by or due to cat	
14 = Struck or struck by motor vehicle	
16 = Collected as scientific specimen or for scientific study	
28 = Caught by hand	
45 = Found dead or injured on highway	

bird listed by Kennard (op. cit.). The estimated minimum age for these birds is the same as in Kennard's paper. An * denotes a bird of greater age than that given in the original list, and two ** indicate a species not listed by Kennard. An *# before three entries (Song Sparrow, Spot-breasted Oriole, and Pine Grosbeak) indicates that these are the same birds listed by Kennard, but are listed with greater ages. The increased age of the Spot-breasted Oriole resulted from a recapture subsequent to its listing by Kennard. The other two were errors we discovered upon examination of the original data. Three entries (Fox Sparrow, Boat-tailed Grackle, and Purple Finch) that lack a symbol preceding the English name are replacements for entries in Kennard that proved to be invalid and are younger than the birds listed there.

Thirty (35.7%) of the records for the 84 forms listed in Table 2 are birds older than those listed by Kennard (op. cit.). Thirty-nine (46.4%) are for taxa not listed in the original paper. Nine (10.7%) of the records represent longevities that have not been exceeded since publication of the original paper.

We encourage bird banders to submit return records for ages greater than those listed to the BBL (Att'n: M. K. Klimkiewicz). We also request new longevity records for those species documented in the earlier accounts of Clapp et al. (1982, 1983) and Klimkiewicz et al. (1983). Any North American species longevity records not documented in these accounts and greater than four years old are also welcome.

TABLE 2. Longevity records of North American birds.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Banders Banding locale	Data source	Age (yr-mo)
*Summer Tanager <i>Piranga rubra</i> (35—5716)	1161-79084 10 Jun 84 same	23 Jul 79 (99)	AHY-M	A. M. Baumgartner 8.3 km S Jay, Oklahoma ¹	BBL	6-00
*Scarlet Tanager <i>Piranga olivacea</i> (53—22,896)	109-174117 11 Jul 78 W. Hoover, same	9 May 70 (99)	ASY-M	L. J. Trott, Jr. Capon Bridge, West Virginia	BBL	10-01
**Western Tanager <i>Piranga ludoviciana</i> (65—12,605)	104-145009 19 May 71 D. Littlefield Malheur NWR, Malheur, Oregon	25 May 65 (89)	ASY-M	Desert Game Range, Corn Creek Station, Nevada	BBL	7-11
*Northern Cardinal <i>Cardinalis cardinalis</i> (10,345—319,635)	54-170720 17 Mar 71 same	18 Mar 56 (28)	A-F	R. K. Bell Clarksville, Pennsylvania	PC-MKK/ RKB, Redstart 49:48-50, 1982, BBL	15-09
**Pyrrhuloxia <i>Cardinalis sinuatus</i> (5—1690)	881-72316 7 Mar 85 same	28 Sep 79 (99)	U-M	C. E. Corchran Tanque Verde Ranch, Rt 8, Tucson, Arizona	BBL	5-09
*Rose-breasted Grosbeak <i>Phœnicurus ludovicianus</i> (1313—67,503)	76-121216 13 May 84 same	25 Jun 72 (99)	AHY-M	G. Metcalf Marshfield, Vermont	BBL	12-11
*Black-headed Grosbeak <i>Phœnicurus melanoccephalus</i> (393—12,525)	582496 19 Jul 42 same	6 Jun 34 (97)	A-M	A. E. Borell Yosemite Valley, Yosemite National Park, California	BBL	9-01

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
**Blue Grosbeak <i>Cauraca caerulea</i> (17—3282)	49-131213 7 May 57 F. G. Schmid, same	17 May 52 (99)	A-M	C. G. Webster Patuxent Wildlife Research Center, Laurel, Maryland	BBL	5-11
**Lazuli Bunting <i>Passerina amoena</i> (80—11,912)	870-02921 18 May 79 18.3 km S Logan, Utah	23 May 75 (14)	AHY-M	S. W. Carothers Mohawk, Grand Canyon National Park, Arizona	BBL	4-11
*Indigo Bunting <i>Passerina cyanea</i> (278—87,018)	65-25016 ² 7 Sep 69 Maxine Kiff, same	30 Aug 62 (99)	ASY-M	A. Shreve McClintic Wildlife Refuge near Point Pleasant, West Virginia	PC-MKK, Redstart 37:104, 1970, BBL	9-03
*Painted Bunting <i>Passerina ciris</i> (147—9655)	107-24173 18 Dec 75 same	30 Jan 66 (99)	SA-F	E. J. Fisk Homestead, Florida	PC-MKK/ EJF, BBL	10-06
**Dickcissel <i>Spiza americana</i> (6—6796)	118-125829 18 Jun 78 5 km S Lawrence, Kansas	5 Jun 75 (14)	AHY-M	C. L. Cink Lawrence, Kansas	BBL	4-00
**Green-tailed Towhee <i>Pipilo chlorurus</i> (20—5422)	74-151723 17 Feb 80 same	16 Sep 72 (99)	U-U	F. Radke, 1.7 km N Cave Creek, Arizona	BBL	7-08
#Rufous-sided Towhee <i>Pipilo erythrophthalmus</i> spp. (3661—142,312)	40-273366 ³ 7 Sep 48 same	21 Mar 37 (99)	AHY-M	R. E. Ware Clemson, South Carolina	BBL	12-03

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
**Rufous-sided (Spotted) Towhee <i>Pipilo erythrophthalmus</i> ssp.	37-218402 ^a 10 Feb 51 same	4 Jul 40 (99)	J-(M)	H. Graham Los Angeles, California	BBL	10-08
(1199—25,508)						
*Brown Towhee <i>Pipilo fuscus</i> (1864—23,193)	862-07321 25 Apr 86 same	12 Jul 73 (99)	HY-M	L. R. Mewaldt San Jose, California	BBL	12-10
*Abert's Towhee <i>Pipilo aberti</i> (319—1499)	39-235265 24 Jan 47 same	7 Aug 39 (99)	A-U	C. Stannard Phoenix, Arizona	BBL	8-07
**White-collared Seedeater <i>Sporophila torqueola</i> (5—1932)	110-79141 13 Feb 76 3.3 km S Melinda Forest Station, Belize	8 Mar 65 (45)	AHY-F	W. P. Nickell Middlesex, Belize	BBL	11-08
**Rufous-crowned Sparrow <i>Aimophila ruficeps</i> (13—779)	36-18835 8 Aug 42 same	6 Nov 39 (99)	(U)-U	H. J. Brodrick Carlsbad Caverns, Carlsbad, New Mexico	BBL	3-02
*American Tree Sparrow <i>Spizella arborea</i> (12,665—447,044)	81-77480 31 Mar 83 same	29 Jan 73 (99)	AHY-U	G. Loery White's Woods, 2.5 km N Morris, Connecticut	BBL	10-09
#Chipping Sparrow <i>Spizella passerina</i> (7157—213,707)	B80841 8 Mar 38 same	Spring 29 (01)	A-U	S. H. Stringer Beachton, Georgia	EBBA 10:4, 1946, BBL	9-09

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
**Clay-colored Sparrow <i>Spizella pallida</i> (105-22,931)	46-57120 20 Jul 51 same	30 Jul 46 (99)	J-U	H. R. Gray Wilton, North Dakota	BBL	5-01
**Brewer's Sparrow. <i>Spizella breweri</i> (5-7129)	1570-08040 28 Aug 85 same	4 Aug 81 (99)	AHY-U	A. M. Mery 10 km N Powderhorn, Colorado	BBL	5-02
*Field Sparrow <i>Spizella pusilla</i> (2022-139,544)	21-59686 1 Mar 80 same	20 Dec 72 (00)	U-U	S. R. Tipton Long Beach, 11.7 km W Southport, North Carolina	BBL	7-09
#Vesper Sparrow <i>Poocetes gramineus</i> (440-18,694)	B91717 ^s 11 May 39 same	12 May 33 (99)	A-U	K. Christofferson Blaney Park, Michigan	Ring 77:95, 1973, BBL	6-11
**Lark Sparrow <i>Chondestes grammacus</i> (64-6490)	50-131144 2 Apr 60 same	25 Oct 52 (99)	U-U	J. M. Linsdale Hastings Reservation, California	BBL	7-10
**Black-throated Sparrow <i>Amphispiza bilineata</i> (10-1919)	1420-32985 6 Jun 84 P. M. Walters, same	15 Mar 79 (99)	AHY-(F)	C. E. Corchran Tanque Verde Ranch, Rt 8, Tucson, Arizona	BBL	6-00
**Lark Bunting <i>Calamospiza melanocorys</i> (10-5052)	33-102817 10 Jun 75 R. L. Boyd, Central Plains Exp. Range, 13.3 km N Nunn, Colorado	23 Jun 72 (89)	AHY-M	R. A. Ryder 15 km N Nunn, Colorado	BBL	4-00

TABLE 2. Continued.

Common name	Band number	Banding date	Age-Sex	Bander	Data source	Age (yr-mo)
Scientific name (Total recoveries— total banded)	Recovery date Recovery locale	Recovery type		Banding locale		
**Savannah Sparrow <i>Passerculus sandwichensis</i> ssp. (550-95,870)	39-21283 18 Apr 45 same	9 May 39 (99)	A-U	O. M. Bryens McMillen, Michigan	BBL	6-10
**Grasshopper Sparrow <i>Ammodramus saviannarum</i> (14-4163)	50-68598 25 Jul 54 same	16 Sep 51 (99)	I-U	C. Smith Halsey, Nebraska	BBL	3-01
**Seaside Sparrow <i>Ammodramus maritimus</i> ssp. (13-5702)	30-192975 17 Jun 83 H. W. Kale, III, 1.7 km E Cedar Key Causeway, Cedar Key, Florida	31 Mar 79 (89)	AHY-M	Florida Game and Fresh- water Fish Commission Cedar Key, Florida	BBL	5-00
** (Dusky) Seaside Sparrow <i>Ammodramus maritimus</i> <i>nigrescens</i> (2-179)	109-178082 7 Sep 79 W. Post, same	11 May 72 (16)	AHY-M	B. Sharp St. John's River Marsh 11.7 km SW Titusville, Florida	BBL	8-03
Fox Sparrow <i>Passerella iliaca</i> (712-116,113)	68-146251 ⁶ 18 Feb 76 same	4 Dec 66 (99)	I-U	Pt. Reyes Bird Observatory 6.7 km NW Bolinas, California	BBL	9-08
**Song Sparrow <i>Melospiza melodia</i> (16,330-677,731)	70-72521 ⁷ 18 Oct 73 same	7 Oct 63 (99)	AHY-U	C. Collister Lykins Gulch, 12.8 km W Longmont, Colorado	BBL	11-04

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
**Lincoln's Sparrow <i>Melospiza lincolni</i> (142—89,894)	860-16070 5 Jan 84 same	17 Feb 77 (99)	AHY-U	C. E. Corchran Tanque Verde Ranch, Rt 8, Tucson, Arizona	BBL	7-07
*Swamp Sparrow <i>Melospiza georgiana</i> (712—111,364)	154388 23 Apr 30 same	31 Jul 25 (99)	I-U	Mr. and Mrs. F. W. Commons Crystal Bay, Minnesota	BBL	4-10
White-throated Sparrow <i>Zonotrichia albicollis</i> (8515—1,142,821)	28-121339 21 Feb 70 same	23 Mar 61 (12)	A-U	M. B. Peacock Pine Ridge Subdivision, Fairfax, Virginia	BBL	9-08
**Golden-crowned Sparrow <i>Zonotrichia atricapilla</i> (6393—84,668)	31-179464 16 Dec 70 same	21 Dec 61 (99)	A-U	W. A. Smith Gray Lodge Wildlife Management Area, Gridley, California	BBL	10-06
#(Gambel's) White-crowned Sparrow <i>Zonotrichia leucophrys</i> ssp. (10,492—438,071)	613746* 21 Oct 42 Solano, California	26 Dec 29 (01)	I-U	W. M. Pierce Claremont, California	BBL	13-04
*Harris' Sparrow <i>Zonotrichia querula</i> (610—91,275)	76-125115 1 Feb 83 same	24 Apr 72 (99)	AHY-U	W. R. Brecheisen 3.3 km S Welda, Kansas	BBL	11-08
#Dark-eyed (Slate-colored) Junco <i>Junco hyemalis</i> ssp. (14,933—1,450,279)	F17189 5 Mar 41 Conway, South Carolina	7 Apr 31 (01)	S-M	M. Brown Lenox, Massachusetts	BBL	10-09

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
*Dark-eyed (Oregon) Junco <i>Junco hyemalis</i> ssp. (2146—161,230)	120-98616 4 Mar 78 same	3 Nov 69 (99)	AHY-U	O. D. Swisher Medford, Oregon	NABB 4:143, 1979, BBL	9-09
*Dark-eyed (Gray-headed) Junco <i>Junco hyemalis</i> ssp. (504—21,222)	114-25392 11 Feb 77 same	5 May 67 (99)	A-U	W. W. Brockner Evergreen, Colorado	NABB 3:91, 1978, BBL	10-08
**Dark-eyed (White-winged) Junco <i>Junco hyemalis</i> ssp. (172—6460)	73-76957 4 Jan 73 same	10 Dec 66 (99)	U-U	L. M. Baylor Rapid City, South Dakota	BBL	6-07
*Yellow-eyed (Mexican) Junco <i>Junco phaeonotus</i> ssp. (56—1208)	830-51626 10 Jan 79 S. H. Spofford, same	27 Mar 73 (99)	AHY-U	A. B. Crockett Portal, Arizona	NABB 4:143, 1979, BBL	6-07
**Lapland Longspur <i>Calcarius lapponicus</i> (74—39,238)	60-28334 3 Jun 68 F. Pielka, same	15 Jul 63 (99)	L-U	R. T. Holmes 6.7 km S Barrow, Alaska	BBL	5-00
*Snow Bunting <i>Plectrophenax nivalis</i> (243—25,943)	109-193079 19 Mar 79 John Sarvis, same	27 Dec 70 (89)	U-M	USFWS Alaska Izembek NWR Cold Bay, Alaska	BBL	8-09
**McKay's Bunting <i>Plectrophenax hyperboreus</i> (1—203)	113-122696 23 Mar 76 Izembek NWR, same	1 Mar 72 (10)	AHY-F	USFWS Alaska Izembek NWR Cold Bay, Alaska	BBL	4-09
**Bobolink <i>Dolichonyx oryzivorus</i> (35—11,459)	103-178176 12 May 85 E. K. Bollinger, same	16 Jun 78 (99)	L-U	R. L. Kalinoski 1.7 km S Lakeport, New York	BBL	6-11

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
*Red-winged Blackbird <i>Agelaius phoeniceus</i> (12,020—745,031)	702-97928 8 Mar 83 Pontiac, Michigan	14 Jul 67 (03)	L-U	P. Granett 10 km S Tuckerton, New Jersey	BBL	15-09
*Tricolored Blackbird <i>Agelaius tricolor</i> (446—70,017)	70-192521 23 Sep 83 R. C. Hosea Placerville, California	23 Sep 70 (14)	HY-M	Denver WRC 7.5 W Colusa, California	BBL	13-03
#Eastern Meadowlark <i>Sturnella magna</i> (182—12,616)	375331 16 Feb 35 Beaufort, North Carolina	14 Jun 26 (01)	J-U	M. B. Gillespie Ridley Park, Pennsylvania	PC-JK, BBL	8-08
**Western Meadowlark <i>Sturnella neglecta</i> (80—4710)	643-62828 3 Dec 65 same	30 Mar 60 (00)	A-U	B. R. Sullivan Boulder, Colorado	BBL	6-06
*Yellow-headed Blackbird <i>Xanthocephalus</i> <i>xanthocephalus</i> (611—110,066)	812-75116 1 May 84 near Apatzingan, Mexico	8 Aug 74 (00)	AHY-M	R. T. Gammell Des Lacs NWR Kenmare, North Dakota	BBL	10-11
#Rusty Blackbird <i>Euphagus carolinus</i> (282—14,552)	A391050 30 Jan 39 Shemby, Mississippi	4 Jun 31 (01)	(AHY)-U	S. H. Weakley Fort Smith, Arkansas	BB 13:116, 1942, BBL	8-07
**Brewer's Blackbird <i>Euphagus cyanocephalus</i> (1015—27,290)	41-202621 20 Jun 52 same	19 Mar 42 (99)	(AHY)-M	L. O. Williams Carmel, California	BBL	11-00

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bandier Banding locale	Data source	Age (yr-mo)
**Great-tailed Grackle <i>Quiscalus mexicanus</i> (156—6633)	544-95535 Dec 79 Rosamorado, Mexico	8 Mar 68 (01)	SY-M	Denver Wildlife Research Center near Santa Rosa, Texas	BBL	12-06
Boat-tailed Grackle ¹⁰ <i>Quiscalus major</i> (625—22,780)	633-84058 14 May 73 Glen Rock, New Jersey	10 Jun 61 (57)	L-U	D. Bridge Ocean City, Maryland	BBL	11-11
*Common Grackle <i>Quiscalus quiscula</i> (35,891—796,838)	34-366540 5 May 57 Grosse Point, Michigan	23 Apr 37 (00)	(AHY)-M	W. I. Lyon Waukegan, Illinois	BBL	20-11
**Bronzed Cowbird <i>Molothrus aeneus</i> (53—1471)	632-25461 15 Jan 74 near Panuco, Vera Cruz, Mexico	25 Jul 71 (57)	AHY-M	R. Wauer Brownsville, Texas	BBL	3-07
*Brown-headed Cowbird <i>Molothrus ater</i> (13,854—849,525)	62-173959 20 Apr 79 Jackson, Michigan	27 Jan 64 (00)	A-M	D. L. Bordner State College, Pennsylvania	BBL	15-10
*Orchard Oriole <i>Icterus spurius</i> (97—15,888)	35-139750 2 Jan 41 Aberdeen, South Dakota	21 May 32 (00)	(AHY)-U	J. F. Brenckle Northville, South Dakota	BBL	9-07
#Hooded Oriole <i>Icterus cucullatus</i> (47—2635)	105-140355 28 Jun 72 same	9 May 67 (00)	S-M	A. M. Craig Point Loma, California	WBB 48:48, 1973, BBL	6-00

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
**Spot-breasted Oriole ¹¹ <i>Icterus pectoralis</i> (5—142)	602-47492 4 Jan 78 same	15 May 67 (99)	A-U	E. J. Fisk Homestead, Florida	PC-RC/EJF, BBL	11-07
*Northern (Baltimore) Oriole <i>Icterus galbula</i> spp. (725—74,131)	68-101299 2 Jan 76 same	31 Dec 64 (00)	U-(F)	T. L. Quay Fayetteville, North Carolina	BBL	11-07
**Northern (Bullock's) Oriole <i>Icterus galbula</i> spp. (204—8372)	821-44533 22 Jan 86 Tancitaro, Michoacan, Mexico	2 Sep 79 (28)	HY-M	S. West Chinati Mountains, Texas	BBL	6-07
**Scott's Oriole <i>Icterus parisorum</i> (1—540)	102-122305 30 Nov 74 same	16 Nov 69 (99)	AHY-M	W. I. Harrison Sleepy Hollow Nogales, Arizona	BBL	6-05
** (Gray-crowned) Rosy Finch <i>Leucosticte arctoa</i> spp. (62—7885)	1161-13981 17 Jan 80 Izembek NWR, same	6 Dec 73 (99)	U-F	USFWS Alaska Izembek NWR Headquarters Cold Bay, Alaska	BBL	6-07
** (Black) Rosy Finch <i>Leucosticte arctoa atrata</i> (5—454)	29-155489 4 Feb 66 W. H. Behle, same	31 Dec 60 (16)	U-U	J. R. King Saltair, 21.7 km W Salt Lake City, Utah	BBL	5-08
**Pine Grosbeak <i>Pinicola enucleator</i> (15—3230)	562-28345 15 Mar 70 8 km E Timiskaming, Quebec	14 Dec 61 (45)	A-M	G. Loery Morris, Connecticut	PC-JK, BBL	9-09

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
Purple Finch <i>Carduelis purpureus</i> (19,835—806,457)	57-38706 ¹² 23 Mar 66 M. Byrd Williamsburg, Virginia	2 Apr 56 (89)	A-(M)	W. Pepper Philadelphia, Pennsylvania	BBL	11-09
**Cassin's Finch <i>Carduelis castreii</i> (103—24,877)	113-195191 22 Jun 79 same	13 Jun 74 (99)	(ASY-M)	L. R. Mewaldt Hart Mountain National Antelope Refuge, Oregon	BBL	7-00
*House Finch <i>Carduelis mexicanus</i> (8427—433,567)	74-95180 30 Jan 80 Baltimore, Maryland	9 Jan 69 (03)	AHY-M	E. K. Lubbart Annesite Rd, Towson, Maryland	BBL	11-07
**Red Crossbill <i>Loxia curvirostra</i> (78—10,554)	576253 11 Aug 31 Hansard, British Columbia	15 May 28 (12)	A-(U)	T. T. McCabe Indian Point Lake, Barkerville, British Columbia	BBL	4-02
**Common Redpoll <i>Carduelis flammea</i> (488-231,179)	116-46330 18 Mar 74 C. A. Kemper Chippewa Falls, Wisconsin	30 Mar 69 (89)	AHY-(M)	L. T. Simmons Winnipeg, Manitoba	BBL	5-09
*Pine Siskin <i>Carduelis pinus</i> (1628—332,732)	25-13500 13 Nov 66 Lake Orion, Michigan	8 Mar 58 (00)	(A)-U	P. H. Fluck Lambertville, New Jersey	BBL	9-05

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number Recovery date Recovery locale	Banding date Recovery type	Age-Sex	Bander Banding locale	Data source	Age (yr-mo)
*Lesser Goldfinch <i>Carduelis psaltria</i> (53—15,053)	32-94436 13 Feb 65 Grand Terrace, Colton, California	28 Aug 60 (00)	A-F	M. Coppersmith 43.3 km NE La Canada, California	BBL	5-08
#American Goldfinch <i>Carduelis tristis</i> (5251—670,798)	27-67397 22 Apr 66 same	3 Apr 58 (99)	A-M	F. McCahey Storrs, Connecticut	PC-JK, BBL	8-10
*Evening Grosbeak <i>Coccothraustes vespertinus</i> (16,570—610,622)	58-131643 15 Sep 74 W. Miller Nictau, New Brunswick	25 Dec 59 (14)	(U)-M	W. J. Pudlekiewicz Storrs, Connecticut	BBL	15-03
**Laysan Finch <i>Telespyza cantans</i> (1—960)	61-171563 27 Jun 72 same	21 Mar 67 (99)	A-M	E. Kridler Southeast Island, Pearl and Hermes Reef, Hawaii	BBL	6-00
**Nihoa Finch <i>Telespyza ultima</i> (1—356)	66-34145 13 Jun 80 S. Conant, same	4 Jun 69 (99)	AHY-U	J. L. Sincock Nihoa Island, Hawaii	BBL	11-00
**Apapane <i>Himatione sanguinea</i> (1—1886)	871-48096 12 Nov 83 D. Berger Volcanoes Park, Hawaii	17 Dec 78 (89)	AHY-U	C. Van Riper Hawaii National Park, Hawaii	BBL	6-05
*House Sparrow <i>Passer domesticus</i> (1519—303,326)	43-129740 Oct 57 same	13 Jun 44 (04)	I-U	R. W. Dexter Kent State University, Kent, Ohio	PC-MKK, BBL	13-04

TABLE 2. Continued.

Common name Scientific name (Total recoveries— total banded)	Band number		Banding date		Age (yr-mo)
	Recovery date	Recovery locale	Recovery type	Recovery date	
**Eurasian Tree Sparrow <i>Passer montanus</i> (7—1662)	107-178605 13 Jun 72 same		20 Sep 68 (99)	U-U	4-00
				Mark Twain NWR 1.8 km SE Brussels, Illinois	BBL

¹ Measurements of distance given in this table were originally in the English system. These have been converted to the metric system throughout. We also used several abbreviations to conserve space. These are BB (Bird Banding), NABB (North American Bird Bander), NWR (National Wildlife Refuge), and USFWS (United States Fish and Wildlife Service), WBB (Western Bird Bander).

² The recovery date 7 Jun 1969 listed in the Redstart was incorrect. The correct date was obtained through pers. comm. with Anne Shreve. The record as given by Kennard is for this bird; however, the band number and both dates were in error. Also, band 36-152486 was replaced by 40-273366 on 3 May 1946. The banding date given in EBBA 26:225, 1963 is also incorrect.

³ 37-218333 and 37-218334 are the only two towhees banded on 4 Jul 1940. Band 37-218333 was replaced by 37-218402 on 14 Mar 1948. The trap on 10 Feb 1951 was listed as 48-258261 but was a replacement. The number replaced was on the reverse of the IBM card and it was not microfilmed. We used 37-218333 for the original banding data because we could trace this number.

⁴ BB 47:228, 1976 lists 70-82001 with a recovery date of 27 Apr 1974 but this is in error. The correct date is 27 Apr 1964.

⁵ BBL has no records for 43516 listed by Kennard. Many errors have been found in the old data; therefore, we used the oldest verified record. ⁶ The record listed by Kennard has an incorrect band number, age and EMA; however, it is the same individual. Band 70-72521 was replaced by 78-79912.

⁷ There is a pre-60 record of 9-10 in the BBL files for 41-114398; however, we could not verify the encounter. There were very few edits to these old data and we have found many errors; therefore, we have used the record for 28-121339.

⁸ There is a pre-60 record of 14-06 in the BBL files for 39-51338; however we could not verify the encounter. There were very few edits to these old data and we have found many errors; therefore we have used the record for 613746.

⁹ The record for A453802 (BB 21:147, 1950) had no recovery date in the original letter. The "probably March 1945" simply indicated that the letter was received in BBL at that time. Recovery and banding totals include some Great-tailed Grackles because the species were only recently split and the BBL files are not yet corrected.

¹⁰ 602-47292 is a typographical error and should be 602-47492. The record listed is a later return of the same bird.

¹¹ The bird listed by Kennard (53-63223) was published in IBB News 40:134, 1968 as EMA 12-08 but the recovery date was four years after publication! Both Kennard and Blake are deceased and we cannot resolve this problem.

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NOTES AND NEWS

**REQUEST FOR COOPERATION
IN COLLECTION OF BIBLIOGRAPHY ON RAPTORS**

A member of the S.R.O.P.U. (Stazione Romana per l'Osservazione e la Protezione degli Uccelli) is trying to assemble a library on birds of prey including owls. Works about species status, general biology, and methodologies are sought.

Such a library would be of great value and interest to members of the S.R.O.P.U. who are conducting research on raptors. We would be extremely grateful to anyone who could kindly send works on raptors to **Vincenzo Penteriana**, *Via Festo Avieno n°56 00136 Roma (ITALY)*.