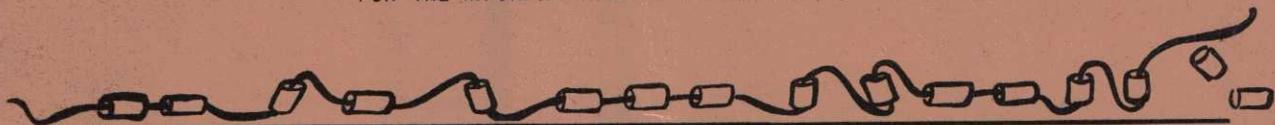


BIRD BANDING NOTES

ISSUED BY THE FISH AND WILDLIFE SERVICE, UNITED STATES DEPARTMENT OF THE INTERIOR
FOR THE INFORMATION OF BIRD-BANDING COOPERATORS



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No. 4

Series designations.--Every band has a series designation that is an important part of the number. Band numbers should be written with a hyphen, as 39-127518 or 42-127518.

GENERAL INFORMATION TO COOPERATORS

Brevity of this issue.--To save paper and cost of publication, much material that is usually included in "annual report" numbers of Bird Banding Notes has been omitted from this issue, including the sections of "New Bird Books," the "group record" of stations, "Photographs," "Work at Banding Stations," "Bait," "Traps," and "Returns." Although much interesting and useful material pertaining to these subjects was received during the fiscal year 1941 it was thought best not to publish it. The Service is sure that station operators will approve the action taken. Arrangements are being made, however, to publish in the quarterly journal "Bird-Banding," the group record of those stations that reported more than 100 birds during the past fiscal year. Cooperators are urged to send interesting items to their regional association headquarters to be included in the pages of their own house organs.

Bands.--As indicated in the preceding number of this volume (No. 3, issued in August 1941) a supply of aluminum for the manufacture of bird bands is a critical matter. Experiments are being conducted to determine the feasibility of using a cellulose-acetate plastic as a substitute. It is believed that this may prove satisfactory for the larger bands (sizes 5, 6, 7, and 8) but it is doubtful that it can be used for the smaller sizes because of the lack of pliability.

Every effort is being made to continue the operation of stations now in existence, but because of the band situation no new permits are being issued. Cooperators should therefore refrain from attempts to enlist new workers. Also, all contemplated work with colony birds (gulls, terns, herons, pelicans, cormorants, etc.) and wholesale banding of Chimney Swifts should be postponed or conducted only after approval is obtained from the Service.

Schedules.--Under this heading there are several "do's" and "don't's", attention to which will be greatly appreciated by the Washington office and will save time, paper, space, and rises in blood pressure.

When a continuous series of bands is used on one species in one day, it is preferable to list the inclusive numbers in one or two lines rather than to list each band separately. This saves time, paper, and space. One report received last year included 48 schedules for a single species and in several cases the entire schedule could have been covered by a single entry. The data on all 48 sheets could easily have been entered on one schedule.

Using bands in numerical order and listing them that way on schedules would seem to be normal procedure. There are, however, a few stations where, for some unknown reason, the first bands used from a series are likely to be from the middle of the string and these are followed by haphazard selections from either end. Locating any particular record on such a schedule is an exasperatingly tedious job.

A banded bird may be recovered and reported a short time after banding and before the normal time to send in the schedule that carries the original data. When recovery notices (white cards) for birds not yet reported are received at banding stations, the banding data should be added and the card returned promptly or the missing information should be supplied by letter. This will enable the Service to complete the file record and to acknowledge the letter reporting the recovery. The banding record should, of course, be repeated on the schedule for the species.

Don't forget that a schedule has two sides. Use both and help save paper and filing space.

Banding records should always be reported under the name of the person to whom the bands were issued, except in cases where bands have been transferred from one cooperator to another, the Washington office advised, and the records changed accordingly. (See comments under "Rebandings".)

If a cooperator should run out of schedules he should delay his report until a new supply is received. Records on odd sheets of paper are troublesome to file and usually have to be copied onto the proper form.

Schedules, like manuscript, should not be rolled up. Folding does not hurt them.

It would be greatly appreciated if every operator of a banding station would insert in the upper left corner of each schedule the number of banded birds reported thereon. It would require little time on the part of the operator, but would be of great assistance to the person frantically going over thousands of such sheets in an effort to tabulate data for the annual report. It would likewise be of much help in preparing the annual report if station operators would send in their reports well before June 30. At the close of the fiscal year 1941, fully two-thirds of the schedules came in during the last 3 days of June. As the annual report to the Secretary of the Interior must be written during the first week of July, such a flood means much overtime work for someone in the Washington office.

Don't report return records on schedules. Use the punch card (Form Bi-137). (See comments under "Rebandings" for exception.)

Rebandings.--It is regretted that this subject has never been fully explained in Bird Banding Notes, although probably few station operators ever find it necessary to replace a band that has become so worn as to be illegible.

It should be remembered that the record of bands issued is the index to the records of birds banded, so every band used should be reported on a schedule under the proper species. This is the way the system works: For every string of bands issued, whether it contains ten or ten thousand, a 2 by 5 issue slip is made out showing the inclusive numbers and the size of the bands, the name and address of the person to whom they are sent, and the date. These slips are filed in numerical sequence, and this is the file consulted when a letter is received reporting the recovery of a banded bird. From it is learned the name of the operator to whom was issued that particular band, and then the folder or file jacket containing his schedules is examined for the record of banding.

For this reason the use of every band should be recorded on a schedule. Therefore, when a banded bird is recaptured and it is found that the band is so worn that the number is already, or will soon become, illegible, it should be replaced by a new one (see Manual, p. 99, for instructions for removing a band), and the number of the new band entered on the appropriate species schedule. If the bird was originally banded at the operator's station and the number of the old band can be deciphered, the original date of banding should be entered with a parenthetical note stating that the new band replaces the old one.

Almost invariably such a recapture will also be a "return," so a return card should be prepared using the new number. The date when the new band is attached will, of course, be the "date retaken." If the bird is a "foreign return" and the number can be deciphered, it may be entered at the bottom of the card in the space "How obtained," as "Trapped, original no. ----." Should the band be so badly worn that the number cannot be read, it may be sent in to the Service, where by an etching process it may be possible to bring the number out.

Identification of birds.--In the past many juveniles in mixed colonies of two or more species, chiefly of gulls, were banded. Frequently, there was no positive means of identification of the downy young. It was hoped that determination of species might be obtained from recovery records. Experience has shown the fallacy of this theory, however, so in future all operators should adhere rigidly to the dictum: "Band no bird that cannot be positively identified." Subspecific determinations are not necessary, but the species must be known.

WORK DURING THE YEAR

Flyway biologists.--During the spring and summer of 1941, Harold S. Peters, of the Atlantic Flyway, continued his investigations of migratory waterfowl in eastern Canada and Newfoundland and during the winter season in the Southeastern States. Charles E. Gillham, of the Mississippi Flyway, was similarly engaged in Alaska and in the lower Mississippi Valley. Because of the critical condition of the White-winged Dove, Dr. George B.

Saunders, of the Central Flyway, was detailed to continuous investigations of that species in the lower Rio Grande Valley in Texas and in eastern Mexico. Robert C. McClanahan, of the Washington office, was assigned to waterfowl investigations in the Prairie Provinces of Canada during the summers of 1940 and 1941. Luther J. Goldman, of the Pacific Flyway, continued his studies of factors affecting waterfowl in Mexico and also maintained a check on conditions in the Western States.

Robert C. McClanahan reported on January 20, 1942, to Fort Bragg, N. C., in his capacity as a first lieutenant of field artillery. He has since proceeded to the artillery school at Fort Sill, Okla.

Table 1.--Banding work during 1940 and 1941

	<u>1940</u>	<u>1941</u>
Banded birds reported.....	428,185	357,174
Number of species banded.....	445	431
Returns received.....	32,016	32,737
Grand total of birds banded since 1920.....	3,712,327	4,069,501
Grand total of returns since 1920.....	234,929	267,666

Four species--the Fork-tailed Petrel, King Eider, Purple Sandpiper, and Franklin's Grouse--were banded this year for the first time.

Table 2 presents by species the total number of birds banded during the years 1940 and 1941. As has been customary in these tables, all subspecies are included in the total for the species, and the name used is that of the typical form; for example, the Olive-backed Thrush (Hylocichla ustulata swainsoni) does not appear in the list as it is a subspecies of the Russet-backed Thrush (Hylocichla ustulata ustulata), under which the olive-backed form is grouped. In all such cases the English name is followed by the technical specific name and the word "group." As usual in these tables, the species are listed in the order of the 1910 edition of the A.O.U. Check-list.

Table 2.—Number of individuals of each species of bird banded and reported during fiscal years 1940 and 1941

Name	Number banded		Name	Number banded	
	1940	1941		1940	1941
Western Grebe.....	1	2	Gray Tern.....	1	0
Holboell's Grebe.....	0	3	Black Skimmer.....	702	1,492
Horned Grebe.....	38	4	Christmas Island.....		
Eared Grebe.....	14	5	Shearwater.....	100	2
Pied-billed Grebe.....	52	20	Audubon's Shearwater.....	73	0
Common Loon.....	3	3	Wedge-tailed Shearwater	2,040	907
Tufted Puffin.....	0	3	Phoenix Island Petrel...	127	0
Atlantic Puffin.....	33	0	Bulwer's Petrel.....	100	26
Rhinoceros Auklet.....	2	0	Fork-tailed Petrel.....	0	4
Cassin's Auklet.....	0	1	Leach's Petrel.....	45	86
Paroquet Auklet.....	0	3	Red-tailed Tropic Bird	450	657
Marbled Murrelet.....	1	0	Blue-faced Booby.....	350	250
Black Guillemot.....	24	5	White-bellied Booby.....	250	300
Pigeon Guillemot.....	0	15	Red-footed Booby.....	400	374
Murre.....	1,046	597	Gannet.....	34	0
Brunnich's Murre.....	0	1	Water-turkey.....	4	144
Razor-billed Auk.....	12	2	European Cormorant.....	186	60
Dovekie.....	1	0	Double-crested		
Long-tailed Jaeger.....	0	2	Cormorant.....	1,340	417
Kittiwake.....	1	0	Brandt's Cormorant.....	100	61
Glaucous Gull.....	6	2	Pelagic Cormorant.....	0	13
Glaucous-winged Gull.....	626	1,228	White Pelican.....	270	345
Great Black-backed Gull	140	61	Brown Pelican.....	2,104	772
Western Gull.....	1,132	1,171	Man-o'-war Bird.....	400	301
Herring Gull.....	15,911	10,977	American Merganser.....	12	118
California Gull.....	959	5,114	Red-breasted Merganser..	4	2
Ring-billed Gull.....	5,032	8,226	Hooded Merganser.....	12	6
Laughing Gull.....	1,156	1,081	Mallard.....		
Franklin's Gull.....	6,667	34	wild.....	37,969	24,540
Bonaparte's Gull.....	1	3	hand-reared.....	2,077	2,622
Gull-billed Tern.....	6	7	Mallard-Black Duck		
Caspian Tern.....	471	1,061	wild.....	4	0
Royal Tern.....	345	309	hand-reared.....	0	35
Forster's Tern.....	2	5	Black Duck.....		
Common Tern.....	24,318	21,807	wild.....	9,889	9,226
Arctic Tern.....	120	93	hand-reared.....	98	102
Roseate Tern.....	2,860	3,409	Florida Duck.....	27	80
Least Tern.....	873	1,083	Gadwall.....	505	328
Sooty Tern.....	4,889	3,858	Gadwall-Pintail.....	0	1
Hawaiian or Pacific			Baldpate.....	2,328	1,408
Bridled Tern.....	225	0	Green-winged Teal.....	4,524	3,999
Black Tern.....	39	17	Blue-winged Teal.....	3,553	5,747
Noady Tern.....	917	515	Cinnamon Teal.....	188	129
Love Tern.....	99	30	Shoveler.....	714	743

Name	Number banded		Name	Number banded	
	1940	1941		1940	1941
Pintail			Yellow-crowned Night		
wild.....	21,419	15,105	Heron.....	0	11
hand-reared.....	87	51	Little Brown Crane.....	0	1
Wood Duck			Sandhill Crane.....	3	0
wild.....	686	703	King Rail.....	2	3
hand-reared.....	0	26	Clapper Rail.....	20	5
Redhead			Virginia Rail.....	9	14
wild.....	557	292	Sora.....	17	11
hand-reared.....	0	72	Yellow Rail.....	1	0
Canvasback			Black Rail.....	2	0
wild.....	707	732	Purple Gallinule.....	13	4
hand-reared.....	0	30	Florida Gallinule.....	227	117
Greater Scaup.....	27	19	Coot.....	3,055	2,082
Lesser Scaup			Northern Phalarope.....	2	0
wild.....	1,956	7,938	Wilson's Phalarope.....	7	15
hand-reared.....	2	0	Avocet.....	7	43
Scaup-Ring-necked Duck..	0	1	Black-necked Stilt.....	7	23
Ring-necked Duck.....	4,560	4,383	Woodcock.....	370	258
American Goldeneye.....	8	14	Wilson's Snipe.....	261	201
Barrow's Goldeneye.....	0	1	Dowitcher.....	1	28
Bufflehead.....	6	24	Stilt Sandpiper.....	8	11
Old Squaw.....	4	0	Knot.....	1	3
Harlequin Duck.....	3	0	Purple Sandpiper.....	0	8
American Eider.....	1	0	Pectoral Sandpiper.....	81	31
Pacific Eider.....	0	7	White-rumped Sandpiper..	12	13
King Eider.....	0	1	Baird's Sandpiper.....	5	5
White-winged Scoter.....	1	49	Least Sandpiper.....	441	33
Ruddy Duck.....	69	45	Red-backed Sandpiper.....	31	10
Snow Goose.....	12	92	Semipalmated Sandpiper..	422	91
Blue Goose.....	92	166	Western Sandpiper.....	534	0
White-fronted Goose.....	52	9	Sanderling.....	3	15
Canada Goose (group)			Marbled Godwit.....	47	18
wild.....	1,815	1,352	Greater Yellowlegs.....	18	31
hand-reared.....	116	41	Lesser Yellowlegs.....	127	103
Fulvous Tree Duck.....	1	15	Solitary Sandpiper.....	8	5
Whistling Swan.....	1	7	Willet.....	28	28
White-faced Glossy Ibis	22	1	Upland Plover.....	17	24
American Bittern.....	113	31	Spotted Sandpiper.....	187	114
Least Bittern.....	12	18	Long-billed Curlew.....	8	3
Great Blue Heron.....	301	346	Black-bellied Plover.....	1	1
American Egret.....	30	1,053	Golden Plover.....	0	10
Snowy Egret.....	207	178	Killdeer.....	412	113
Reddish Egret.....	0	48	Semipalmated Plover.....	20	0
Louisiana Heron.....	188	139	Piping Plover.....	201	400
Little Blue Heron.....	634	613	Snowy Plover.....	3	1
Green Heron.....	172	235	Wilson's Plover.....	11	17
Black-crowned Night			Ruddy Turnstone.....	2	3
Heron.....	773	546	Oystercatcher.....	4	0

Name	Number banded		Name	Number banded	
	1940	1941		1940	1941
Black Oystercatcher.....	4	0	Osprey.....	150	178
European Partridge.....	75	11	Barn Owl.....	229	224
Chukar Partridge.....	48	27	Long-eared Owl.....	55	37
Bob-white			Short-eared Owl.....	5	27
wild.....	1,669	477	Barred Owl.....	15	33
hand-reared.....	100	60	Spotted Owl.....	2	2
Mountain Quail.....	0	31	Richardson's Owl.....	1	3
Scaled Quail.....	69	1	Saw-whet Owl.....	27	23
California Quail.....	260	341	Screech Owl.....	127	167
Gambel's Quail.....	241	102	Great Horned Owl.....	151	78
Franklin's Grouse.....	0	4	Snowy Owl.....	9	2
Ruffed Grouse.....	5	7	Burrowing Owl.....	121	48
Prairie Chicken.....	36	9	Roadrunner.....	7	7
Prairie Chicken-Sharp-			Yellow-billed Cuckoo.....	46	30
tailed Grouse.....	0	1	Black-billed Cuckoo.....	53	58
Sharp-tailed Grouse.....	241	324	Belted Kingfisher.....	57	49
Sage Hen.....	43	0	Hairy Woodpecker.....	122	82
Ring-necked Pheasant.....	122	64	Downy Woodpecker.....	484	538
Wild Turkey.....	74	11	Texas Woodpecker		
Rock Dove.....	4	3	(scalaris group).....	1	0
Band-tailed Pigeon.....	6	1	Nuttall's Woodpecker.....	0	1
White-winged Dove.....	30	849	White-headed Woodpecker	2	2
Mourning Dove.....	3,238	2,929	Yellow-bellied Sapsucker	39	43
Ground Dove.....	55	116	Williamson's Sapsucker	4	0
Inca Dove.....	131	166	Pileated Woodpecker.....	5	11
Chinese Spotted Dove.....	45	78	Red-headed Woodpecker....	68	82
Turkey Vulture.....	18	81	Ant-eating Woodpecker....	17	6
Black Vulture.....	3,273	4,086	Lewis's Woodpecker.....	26	0
White-tailed Kite.....	6	7	Red-bellied Woodpecker..	71	76
Mississippi Kite.....	3	7	Gila Woodpecker.....	12	6
Marsh Hawk.....	209	295	Flicker.....	615	536
Sharp-shinned Hawk.....	68	125	Hybrid Flicker.....	0	2
Cooper's Hawk.....	133	171	Red-shafted Flicker.....	66	47
Goshawk.....	2	4	Gilded Flicker.....	3	3
Red-tailed Hawk.....	213	157	Chuck-will's-widow.....	4	2
Red-shouldered Hawk.....	84	92	Whippoorwill.....	8	2
Swainson's Hawk.....	79	45	Nighthawk.....	95	68
Broad-winged Hawk.....	23	34	Chimney Swift.....	38,821	41,487
White-tailed Hawk.....	1	0	Vaux's Swift.....	5	0
Rough-legged Hawk.....	10	5	Ruby-throated		
Ferruginous Rough-leg...	68	34	Hummingbird.....	72	5
Golden Eagle.....	18	17	Rufous Hummingbird.....	1	0
Bald Eagle.....	121	98	Scissor-tailed		
Prairie Falcon.....	85	32	Flycatcher.....	3	0
Duck Hawk.....	75	61	Kingbird.....	246	146
Pigeon Hawk.....	15	22	Arkansas Kingbird.....	171	41
Sparrow Hawk.....	230	236	Crested Flycatcher		
Audubon's Caracara.....	0	1	(crinitus group).....	75	81

Name	Number banded		Name	Number banded	
	1940	1941		1940	1941
Ash-throated Flycatcher	6	5	Evening Grosbeak.....	681	442
Phoebe.....	383	256	Pine Grosbeak.....	38	85
Say's Phoebe.....	59	27	Purple Finch.....	8,028	7,316
Black Phoebe.....	27	17	Cassin's Purple Finch...	2	2
Olive-sided Flycatcher..	1	0	House Finch.....	2,246	2,221
Eastern Wood Pewee.....	17	19	American Crossbill.....	57	20
Western Wood Pewee.....	9	3	White-winged Crossbill	1	7
Yellow-bellied			Gray-crowned Rosy Finch	0	57
Flycatcher.....	15	17	Hoary Redpoll.....	3	4
Western Flycatcher.....	3	16	Redpoll.....	1,089	2,548
Acadian Flycatcher.....	8	5	Goldfinch		
Alder Flycatcher.....	18	38	(tristis group).....	1,512	1,661
Least Flycatcher.....	67	71	Arkansas Goldfinch		
Hammond's Flycatcher....	0	1	(psaltria group).....	129	102
Horned Lark.....	509	314	Lawrence's Goldfinch....	44	5
Magpie.....	162	88	European Goldfinch.....	0	1
Yellow-billed Magpie.....	0	5	Pine Siskin.....	348	538
Blue Jay.....	3,295	3,746	English Sparrow.....	293	412
Steller's Jay			European Tree Sparrow...	0	2
(stelleri group).....	62	138	Snow Bunting.....	637	387
Woodhouse's Jay.....	9	14	Lapland Longspur.....	52	24
California Jay.....	166	168	Chestnut-collared		
Canada Jay			Longspur.....	0	12
(canadensis group)....	6	6	McCown's Longspur.....	0	12
Raven.....	53	18	Vesper Sparrow.....	291	317
White-necked Raven.....	152	11	Savannah Sparrow.....	486	1,007
Crow.....	996	841	Baird's Sparrow.....	2	13
Fish Crow.....	12	12	Grasshopper Sparrow.....	44	19
Starling.....	10,324	6,002	Henslow's Sparrow.....	5	11
Bobolink.....	30	129	Leconte's Sparrow.....	3	7
Cowbird.....	9,985	1,671	Sharp-tailed Sparrow....	5	6
Bronzed Cowbird.....	1	0	Nelson's Sparrow.....	2	8
Yellow-headed			Seaside Sparrow.....	42	10
Blackbird.....	423	489	Lark Sparrow.....	36	19
Red-winged Blackbird....	7,357	6,588	Harris's Sparrow.....	2,975	2,083
Tricolored Redwing.....	3,000	1,001	White-crowned Sparrow...	6,569	4,745
Eastern Meadowlark.....	387	357	Golden-crowned		
Western Meadowlark.....	147	105	Sparrow.....	1,235	1,420
Scott's Oriole.....	5	0	White-throated		
Arizona Hooded Oriole...	110	60	Sparrow.....	21,495	12,299
Orchard Oriole.....	140	42	Tree Sparrow.....	5,821	4,079
Baltimore Oriole.....	454	449	Chipping Sparrow.....	3,490	2,955
Bullock's Oriole.....	9	47	Clay-colored Sparrow....	628	370
Rusty Blackbird.....	518	217	Brewer's Sparrow.....	7	4
Brewer's Blackbird.....	386	306	Field Sparrow.....	1,227	974
Grackle (quiscula			Black-chinned Sparrow...	2	0
group).....	11,844	7,498	White-winged		
Boat-tailed Grackle.....	1,258	1,319	Junco.....	283	17

Name	Number banded		Name	Number banded	
	1940	1941		1940	1941
Junco (hyemalis-oregonus group).....	21,399	14,038	Philadelphia Vireo.....	12	13
Red-backed Junco (phaeonotus group)....	154	458	Warbling Vireo.....	24	24
Black-throated Sparrow..	28	26	Yellow-throated Vireo...	3	1
Sage Sparrow.....	10	0	Blue-headed Vireo.....	22	22
Pine-woods Sparrow.....	4	1	White-eyed Vireo.....	10	16
Rufous-winged Sparrow...	2	0	Hutton's Vireo.....	1	0
Rufous-crowned Sparrow..	7	3	Bell's Vireo.....	6	14
Song Sparrow.....	8,939	8,119	Black and White Warbler	277	254
Lincoln's Sparrow.....	1,162	986	Prothonotary Warbler.....	160	95
Swamp Sparrow.....	531	512	Worm-eating Warbler.....	3	7
Fox Sparrow.....	2,520	1,428	Blue-winged Warbler.....	35	41
Towhee.....	1,826	1,569	Brewster's Warbler.....	1	1
Artic Towhee (maculatus group).....	736	605	Golden-winged Warbler...	15	9
Cañon Towhee (fuscus group).....	306	363	Virginia's Warbler.....	2	0
California Towhee (crissalis group).....	283	308	Nashville Warbler.....	189	213
Abert's Towhee.....	120	88	Orange-crowned Warbler..	324	149
Green-tailed Towhee.....	52	42	(celata group).....	532	338
Cardinal.....	2,795	2,686	Tennessee Warbler.....	56	74
Pyrrhuloxia.....	11	1	Parula Warbler.....	53	36
Rose-breasted Grosbeak..	271	179	Cape May Warbler.....	412	419
Black-headed Grosbeak...	148	177	Yellow Warbler.....	134	126
Blue Grosbeak.....	7	1	Black-throated Blue Warbler.....	2,546	1,086
Indigo Bunting.....	216	190	Audubon's Warbler.....	200	193
Lazuli Bunting.....	99	35	Magnolia Warbler.....	386	325
Painted Bunting.....	56	11	Cerulean Warbler.....	1	7
Dickcissel.....	20	2	Chestnut-sided Warbler..	134	164
Lark Bunting.....	217	222	Bay-breasted Warbler.....	72	75
Western Tanager.....	37	73	Blackpoll Warbler.....	274	316
Scarlet Tanager.....	94	69	Blackburnian Warbler.....	52	87
Summer Tanager.....	27	15	Yellow-throated Warbler	2	2
Purple Martin.....	534	474	Black-throated Gray Warbler.....	10	12
Cliff Swallow.....	200	150	Black-throated Green Warbler.....	94	158
Barn Swallow.....	1,885	2,432	Townsend's Warbler.....	0	2
Tree Swallow.....	1,653	831	Hermit Warbler.....	1	1
Violet-green Swallow....	23	52	Kirtland's Warbler.....	0	8
Bank Swallow.....	1,706	986	Pine Warbler.....	105	37
Rough-winged Swallow....	81	73	Palm Warbler.....	82	65
Bohemian Waxwing.....	123	15	Prairie Warbler.....	23	43
Cedar Waxwing.....	481	330	Ovenbird.....	639	539
Phainopepla.....	7	12	Northern Water-thrush...	202	187
Northern Shrike.....	23	6	Louisiana Water-thrush	12	19
Loggerhead Shrike.....	175	120	Kentucky Warbler..	7	16
Red-eyed Vireo.....	182	139	Connecticut Warbler.....	41	22
			Mourning Warbler.....	78	80

Name	Number banded		Name	Number banded	
	1940	1941		1940	1941
Macgillivray's Warbler..	26	51	Pygmy Nuthatch.....	30	2
Maryland Yellowthroat....	673	687	Tufted Titmouse.....	548	575
Yellow-breasted Chat.....	91	185	Black-crested Titmouse..	5	0
Hooded Warbler.....	1	18	Plain Titmouse		
Wilson's Warbler			(inornatus group).....	75	72
(pusilla group).....	145	185	Black-capped Chickadee		
Canadian Warbler.....	190	215	(atricapillus group)	2,435	1,926
Redstart.....	807	781	Carolina Chickadee		
Pipit.....	141	216	(carolinensis group)	150	107
Sprague's Pipit.....	1	0	Mountain Chickadee		
Dipper.....	0	4	(gambeli group).....	43	103
Mockingbird.....	833	670	Hudsonian Chickadee.....	1	0
Catbird.....	3,922	3,134	Chestnut-backed Chicka-		
Brown Thrasher.....	2,321	2,175	dee(rufescens group)	19	10
Curve-billed Thrasher...	19	41	Bushtit.....	47	54
Bendire's Thrasher.....	5	8	Verdin.....	1	0
California Thrasher.....	93	126	Wren-tit.....	62	72
Leconte's Thrasher.....	0	5	Golden-crowned Kinglet..	243	79
Crissal Thrasher.....	8	6	Ruby-crowned Kinglet.....	433	299
Cactus Wren.....	29	41	Blue-gray Gnatcatcher...	1	5
Rock Wren.....	13	0	Townsend's Solitaire.....	13	1
Cañon Wren.....	9	0	Wood Thrush.....	360	443
Carolina Wren.....	182	70	Veery (fuscescens		
Bewick's Wren			group).....	221	202
(bewicki group).....	114	105	Gray-cheeked Thrush.....	462	326
House Wren.....	2,233	1,651	Russet-backed Thrush		
Winter Wren.....	95	70	(ustulata group).....	1,292	1,110
Short-billed Marsh Wren	6	2	Hermit Thrush.....	1,275	987
Long-billed Marsh Wren			Robin.....	8,312	7,345
(palustris group).....	204	217	Varied Thrush.....	6	32
Brown Creeper.....	198	211	Eastern Bluebird.....	1,272	1,297
White-breasted Nuthatch	562	558	Western Bluebird		
Red-breasted Nuthatch....	68	52	(mexicana group).....	191	42
Brown-headed Nuthatch....	2	1	Mountain Bluebird.....	79	41

Who has these bands?--All cooperators are asked to examine their bands and records and advise the Service if they have any of the following bands: C-102701 to C-102900; 34-601701 to 34-602000; 34-357301 to 34-357400; 36-46701 to 36-47200; 39-184601 to 39-184700; and 39-635701 to 39-635800.