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Memorandum to All Banders, 48

George M. Jonkel

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July 30, 1982
MTAB-48

MEMORANDUM

TO : All Banders

FROM : Chief, Bird Banding Laboratory
Office of Migratory Bird Management
Laurel, Maryland 20708

SUBJECT: 1. Tabulation of encounters of 1976 banded birds
2. Temporary discontinuance of processing replaced bands
3. Report-to-Bander listings
4. Renewal of auxiliary marking authorizations
5. All requests to be made by master permittee
6. Magnetic tape specifications
7. Foreign retrap reports to the BBL
8. Volume II age-sex keys
9. Longevity records
10. Rehabilitation status codes
11. Disposition of data by permittees
12. New Contact Representative
13. Banding association meetings

1. A tabulation of 1980 banding totals and 1976 banding and recovery totals by species is enclosed. These data are provided primarily to aid in research planning.

2. We will temporarily discontinue processing replaced bands. This is necessary for loading the massive BBL files onto disc and reprogramming our systems for the Hewlett-Packard computer. Banders should continue to send this information to the Bird Banding Laboratory; however, the data will be held for input in the future. Please follow the procedure for reporting replaced bands as outlined in MTAB-38. Do not send pink recovery forms (3-1807) for replaced bands.

3. MTAB-46 advised banders that cards were being discontinued. The Report-to-the-Bander listings will be mailed approximately every two weeks rather than twice per year.

4. Auxiliary marking authorizations are not automatically renewed upon renewal of banding permits. Please check your auxiliary marking authorization (BLL-23.3) or your banding permit (special provisions) and request renewal prior to expiration for those authorizations you wish to continue.

5. Subpermits or added authorizations will not be issued without the master permittee's prior approval. Any requests for subpermittee applications, added authorizations, etc., must include written concurrence from the master permittee. An approval line on the requestor's correspondence with the master permittee's signature will suffice. Band and supply orders should come from the master permittee also.

6. Magnetic tapes containing data from the Banding Summary and Recovery Retrieval Files have the following specifications -- 1600 BPI, odd parity, unlabeled, ASCII, 9-track, blocked (Recovery Retrieval File -- 82 byte blocked 41,00; Banding Summary File -- 44 byte blocked 4400.

7. Banders are reminded that foreign retrap reports submitted during hunting season are held and processed during the summer. Please answer all sections (1-10) of the recovery report form (3-1807) clearly and completely so that these can be processed more easily and indicate if a Certificate of Appreciation is needed.

8. Many banders are not using the age-sex keys in Volume II. There are two installments--one mailed in 1977 and a second in 1981 (with revisions plus new keys). The Table of Contents (1981 supplement) lists those species covered by both sections. These keys are the first source of age-sex information for the bander. Refer to Wood's Guide or Robert's Birds of Minnesota if a species is not covered in Volume II. A revision of Wood's Guide can be purchased from Don Beimborn, 1585 Oakgreen Avenue South, Afton, MN 55001.

9. Roger Clapp (USFWS) and Kathy Klimkiewicz (BBL) are currently revising the longevity paper by Kennard (Bird-Banding, 1975, 46:55-73). Please submit any records for birds which are close to or exceed the existing published records. Band numbers should always be included when age records are published.

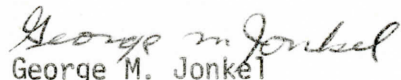
10. A "Review of the Most Commonly Used Status Codes for Rehabilitated Birds" is available to banders. We are acutely aware that the status codes need revision but cannot accomplish this in the foreseeable future.

11. Banders should make arrangements for disposition of their records, etc., upon their death. A note or amendment can be placed with your will directing where and/or to whom your records should go. This can be another bander, subpermittee, state or national organization. All records and unused bands should be kept in one place.

12. We thought you would be interested in knowing that Flo Kimmel came to work as our Contact Representative this week. She transferred from the Fish and Wildlife Service Law Enforcement Office in Glen Burnie, Maryland. In that position she worked mostly on Wildlife Permits and will work generally on banding permits here in the Lab.

13. The Inland Bird Banding Association Annual Meeting will be held at the Villa Inn, Norfolk, Nebraska October 29-31, 1982. For further information please contact Mrs. John Lueshen, Route 2, Box 26, Wisner, NE 68791.

Also, there will be a Joint Ohio, Michigan and Ontario Bird Banders Meeting, Oakland University, Michigan November 6, 1982. For further information please contact Mrs. Ellie Cox, 18310 Sunderland Street, Detroit, Michigan 48219.


George M. Jonkel

Enclosure

ALL HOW OBTAINED
CODES EXCEPT
89 AND 99
HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
0010 WESTERN GREBE	1	286	7	2	0	
0020 RED NECKED GREBE	1	1	0		0	
0030 HORNED GREBE	14	24	0		0	
0040 EARED GREBE	4	511	5	1	0	
0060 PIED BILLED GREBE	44	22	0		0	
0070 COMMON LOON	47	47	5	11	0	
0100 ARCTIC LOON	1	4	0		0	
0110 RED THROATED LOON	2	5	0		0	
0120 TUFTED PUFFIN	93	125	0		0	
0130 COMMON PUFFIN	372	204	2	1	0	
0140 HORNED PUFFIN	7	71	0		0	
0150 RHINOCEROS AUKLET	4	18	0		0	
0160 CASSINS AUKLET	1,372	1,507	27	2	0	
0170 PARAKEET AUKLET	0	4	0		0	
0200 LEAST AUKLET	0	261	0		0	
0210 ANCIENT MURRELET	2	0	0		0	
0250 XANTUS MURRELET	0	122	0		0	
0270 BLACK GUILLEMOT	632	132	1	1	0	
0290 PIGEON GUILLEMOT	193	59	0		0	
0300 COMMON MURRE	107	638	8	1	0	
0310 THICK BILLED MURRE	2,088	376	5	1	0	
0320 RAZOR BILLED AUK	53	0	0		0	
0370 PARASITIC JAEGER	0	3	0		0	
0380 LONG TAILED JAEGER	4	14	0		0	
0390 IVORY GULL	114	0	0		0	
0400 BLK LEG KITTIWAKE	263	816	0		0	
0410 RED LEG KITTIWAKE	0	14	0		0	
0420 GLAUCOUS GULL	35	19	0		0	
0440 GLAUCOUS WING GULL	1,295	8,715	261	3	1	+
0450 KUMLIENS GULL	39	0	0		0	
0470 GRT BLK BACK GULL	577	1,345	43	3	0	
0490 WESTERN GULL	2,668	2,778	96	3	0	
0510 HERRING GULL	9,255	12,189	374	3	2	+

ALL HOW OBTAINED
CODES EXCEPT 89 AND 99
HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
0519 THAYER GULL	1	0	0		0	
0530 CALIFORNIA GULL	2,315	1,551	23	1	0	
0534 UNIDENT GULL	365	395	102	26	0	
0540 RING BILLED GULL	8,256	19,226	306	2	3	+
0550 MEW GULL	14	23	0		0	
0570 HEERMANN'S GULL	1	1	0		0	
0580 LAUGHING GULL	6,400	8,585	133	2	0	
0590 FRANKLINS GULL	0	44	2	5	0	
0600 BONAPARTES GULL	2	12	0		0	
0601 LITTLE GULL	0	1	0		0	
0620 SABINES GULL	0	19	0		0	
0630 GULL BILLED TERN	0	115	4	3	0	
0640 CASPIAN TERN	612	3,602	42	1	2	+
0650 ROYAL TERN	18,644	15,214	295	2	0	
0660 ELEGANT TERN	200	0	0		0	
0670 SANDWICH TERN	1,804	1,878	20	1	0	
0690 FORSTERS TERN	60	206	1	+	0	
0700 COMMON TERN	15,687	14,609	176	1	168	1
0710 ARCTIC TERN	6	388	0		0	
0720 ROSEATE TERN	1,417	1,062	6	1	5	+
0725 HYBRID TERN	7	6	0		0	
0730 ALEUTIAN TERN	0	216	0		0	
0740 LEAST TERN	926	2,275	14	1	0	
0750 SOOTY TERN	2,161	21,731	5	+	0	
0752 UNIDENTIFIED TERN	0	3	0		0	
0760 BRIDLED TERN	0	96	0		0	
0761 GRAY-BACKED TERN	5	6	0		0	
0770 BLACK TERN	337	16	0		0	
0790 NODDY TERN	594	655	1	+	0	
0791 HAWAIIAN NODDY	0	191	2	1	3	2
0792 FAIRY TERN	36	242	2	1	0	
0793 BLACK NODDY	773	19	0		0	
0800 BLACK SKIMMER	908	818	36	4	5	1

ALL HOW OBTAINED
CODES EXCEPT 89 AND 99 HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
0810 BLACK FT ALBATROSS	102	51	0		0	
0821 LAYSAN ALBATROSS	773	3,997	20	0	1	+
0822 BLK BROW ALBATROSS	0	113	0		0	
0860 FULMAR	0	3	0		0	
0890 GREATER SHEARWATER	0	1	0		0	
0908 NEWELLS SHEARWATER	1,453	882	0		0	
0920 AUDUBON SHEARWATER	18	0	0		0	
0961 WEDGE T SHEARWATER	685	411	9	2	0	
0985 DARK-RUMPED PETREL	4	5	0		0	
0971 BONIN ISLAND PTRL	6	0	0		0	
1010 BULWERS PETREL	6	5	0		0	
1030 LEAST PETREL	8	0	0		0	
1050 FORK TAILED PETREL	1,011	445	0		1	+
1060 LEACHS PETREL	3,287	1,996	1	+	3	+
1070 BLACK PETREL	95	1	0		0	
1080 ASHY PETREL	17	60	0		0	
1090 WILSONS PETREL	0	15	0		0	
1120 WH TAIL TROPICBIRD	0	1	0		0	
1130 RED BIL TROPICBIRD	5	97	0		0	
1131 REDTAIL TROPICBIRD	137	183	2	1	0	
1140 BLUE FACED BOOBY	150	111	0		0	
1150 BROWN BOOBY	295	322	6	2	0	
1160 RED FOOTED BOOBY	284	59	3	5	0	
1170 GANNET	396	74	3	4	0	
1180 ANHINGA	10	41	0		0	
1190 GREAT CORMORANT	0	100	5	5	0	
1200 DBLE CR CORMORANT	3,212	4,154	149	4	1	+
1210 OLIV CORMORANT	6	53	0		0	
1220 BRANDTS CORMORANT	497	238	24	10	0	
1230 PELAGIC CORMORANT	0	48	0		0	
1240 RED FACE CORMORANT	0	6	0		0	
1250 WHITE PELICAN	1,303	1,883	54	3	0	
1260 E BROWN PELICAN	1,423	1,245	78	6	1	+

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
1281 GREAT FRIGATE BIRD	293	197	1	1	0	
1290 COMMON MERGANSER	4	1	0		0	
1300 RED BR MERGANSER	6	143	7	5	0	
1310 HOODED MERGANSER	136	108	11	10	0	
1320 MALLARD	119,645	133,259	15,070	11	1,046	1
1321 BLK X MAL HYBRID	758	429	49	11	4	1
1325 MALARD X GADWAL HY	2	1	0		0	
1326 HAWAIIAN DUCK	38	1	0		0	
1327 MALLARD X WIDGEON	3	0	0		0	
1328 MALL X MOTTLED HY	0	4	0		0	
1330 BLACK DUCK	17,565	18,216	2,263	12	145	1
1331 MEXICAN DUCK	0	13	0		0	
1340 MOTTLED DUCK	348	777	69	9	0	
1350 GADWALL	1,301	1,381	107	8	13	1
1360 EUROPEAN WIDGEON	41	0	0		0	
1370 AMERICAN WIDGEON	1,134	3,869	367	9	7	+
1380 COMMON TEAL	0	148	0		1	1
1390 GREEN WINGED TEAL	5,738	8,488	505	6	13	+
1400 BLUE WINGED TEAL	20,817	31,944	1,322	4	132	+
1401 UNIDENTIFIED TEAL	368	1,405	46	3	2	+
1403 GARGANEY TEAL	0	2	0		0	
1410 CINNAMON TEAL	205	99	1	1	0	
1414 MANDARIN DUCK	1	0	0		0	
1420 SHOVELER	213	315	31	10	0	
1430 PINTAIL	6,819	21,394	1,449	7	86	+
1431 MALLARD X PINTAIL	1	2	1	50	0	
1439 BAHAMA DUCK	2	90	8	9	0	
1440 WOOD DUCK	21,774	27,172	2,580	9	45	+
1450 UNIDENTIFIED DUCK	8	10	0		0	
1460 REDHEAD	3,868	4,373	363	8	400	9
1470 CANVASBACK	5,089	4,200	255	6	59	1
1480 GREATER SCAUP	301	1,154	52	5	6	1
1489 UNIDENTIFIED SCAUP	1	39	0		0	

SPECIES	NUMBER Banded		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
1490 LESSER SCAUP	8,902	8,424	265	3	15	+
1500 RING NECKED DUCK	1,877	1,872	235	13	1	+
1510 COMMON GOLDENEYE	518	174	21	12	0	
1512 UNIDENT GOLDENEYE	0	2	0		0	
1520 BARROWS GOLDENEYE	72	1	0		0	
1530 BUFFLEHEAD	189	34	1	3	0	
1540 OLDSQUAW	3	92	1	1	0	
1550 HARLEQUIN DUCK	0	6	0		0	
1570 STELLERS EIDER	0	502	5	1	0	
1600 COMMON EIDER	659	510	22	4	0	
1620 KING EIDER	0	1	0		0	
1630 COMMON SCOTER	1	6	1	17	0	
1650 WHITE WING SCOTER	2	55	5	9	0	
1660 SURF SCOTER	1	15	0		0	
1670 RUDDY DUCK	81	112	2	2	0	
1690 LESSER SNOW GOOSE	3,746	47,109	4,301	9	166	+
1691 BLUE GOOSE	1,549	16,717	1,487	9	69	+
1699 GREATER SNOW GOOSE	19	4	1	25	0	
1700 ROSS GOOSE	1	373	25	7	2	1
1703 SNOW X ROSS HYBRID	2	23	3	13	0	
1710 WHITE FRONT GOOSE	168	4,276	526	12	104	2
1720 CANADA GOOSE	54,943	56,853	9,512	17	842	1
1721 ALEUT CANADA GOOSE	587	152	4	3	0	
1727 CACKLING GOOSE	748	638	59	9	0	
1729 SMALL CAN GOOSE	912	3,454	409	12	12	+
1730 BRANT	1,350	1,234	57	5	16	1
1740 BLACK BRANT	12	2,887	114	4	22	1
1752 HAWAIIAN GOOSE	0	1	0		0	
1760 EMPEROR GOOSE	559	0	0		0	
1770 BLK BELL TREE DUCK	7	42	1	2	0	
1780 FULVOUS TREE DUCK	68	754	6	1	0	
1782 MUTE SWAN	5	53	9	17	0	
1800 WHISTLING SWAN	129	424	38	9	2	+

ALL HOW OBTAINED

CODES EXCEPT
89 AND 99HOW OBTAINED
CODE 89

NUMBER BANDED

SPECIES	1982	1978	NUMBER	%	NUMBER	%
1810 TRUMPETER SWAN	94	142	17	12	1	1
1830 ROSEATE SPOONBILL	2	13	0		0	
1840 WHITE IBIS	121	21	0		0	
1860 GLOSSY IBIS	41	276	1	+	0	
1870 WHITE FACED IBIS	557	274	4	1	0	
1880 WOOD IBIS	1	250	6	2	0	
1900 AMERICAN BITTERN	3	13	1	8	0	
1910 EAST LEAST BITTERN	7	6	0		0	
1919 WEST LEAST BITTERN	3	0	0		0	
1920 GREAT WHITE HERON	1	0	0		0	
1940 GREAT BLUE HERON	188	917	32	3	0	
1960 COMMON EGRET	407	406	1	+	0	
1970 SNOWY EGRET	455	1,145	22	2	1	+
1980 REDDISH EGRET	0	214	5	2	0	
1990 LOUISIANA HERON	109	494	2	+	0	
2000 LITTLE BLUE HERON	302	333	1	+	0	
2001 CATTLE EGRET	4,153	1,271	7	1	0	
2010 GREEN HERON	39	109	0		0	
2020 BLK CROWN NT HERON	1,522	1,558	20	1	0	
2030 YEL CROWN NT HERON	5	17	0		0	
2040 WHOOPING CRANE	10	11	36	327	0	
2050 GR SANDHILL CRANE	214	120	6	5	0	
2060 SANDHILL CRANE	125	657	79	12	0	
2070 LIMP KIN	0	2	0		0	
2080 KING RAIL	0	1	0		0	
2110 CLAPPER RAIL	18	171	5	3	0	
2120 VIRGINIA RAIL	28	14	1	7	0	
2140 SORA	46	26	0		0	
2150 YELLOW RAIL	9	0	0		0	
2180 PURPLE GALLINULE	5	37	0		0	
2190 COMMON GALLINULE	22	208	1	+	0	
2210 AMERICAN COOT	1,200	1,234	32	3	0	
2220 RED PHALAROPE	4	60	0		0	

SPECIES	NUMBER Banded		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
2230 NORTHERN PHALAROPE	316	248	0		0	
2240 WILSONS PHALAROPE	33	48	0		0	
2250 AMERICAN AVOCET	9	186	0		0	
2260 BLACK NECKED STILT	6	169	0		0	
2280 AMERICAN WOODCOCK	1,187	3,008	105	3	1	+
2300 COMMON SNIFE	63	187	7	4	0	
2310 SHRT BIL DOWITCHER	91	105	0		0	
2320 LNG BIL DOWITCHER	197	115	0		1	1
2321 DOWITCHER SP.	1	4	0		0	
2330 STILT SANDPIPER	664	230	0		0	
2340 KNOT	221	116	0		0	
2350 PURPLE SANDPIPER	0	7	0		0	
2356 ROCK SANDPIPER	2	28	0		0	
2380 SHP TAIL SANDPIPER	0	29	0		0	
2390 PECTORAL SANDPIPER	1,038	457	1	+	0	
2400 WHT RUMP SANDPIPER	506	858	4	+	0	
2410 BAIRDS SANDPIPER	86	35	0		0	
2420 LEAST SANDPIPER	2,509	1,739	2	+	2	+
2430 DUNLIN	596	1,612	6	+	5	+
2460 SEMIPAL SANDPIPER	9,170	10,983	13	+	9	+
2467 UNIDENT SANDPIPER	0	22	0		0	
2470 WESTERN SANDPIPER	3,671	2,409	2	+	0	
2480 SANDERLING	249	199	1	1	0	
2490 MARBLED GODWIT	0	3	0		0	
2510 HUDSONIAN GODWIT	15	23	0		0	
2540 GREATER YELLOWLEGS	20	40	0		0	
2550 LESSER YELLOWLEGS	245	319	0		0	
2560 SOLITARY SANDPIPER	68	37	0		0	
2580 WILLET	17	240	3	1	0	
2590 WANDERING TATTLER	0	1	0		0	
2610 UPLAND PLOVER	39	45	0		0	
2620 BUFF BR SANDPIPER	9	87	0		0	
2630 SPOTTED SANDPIPER	199	287	0		0	

ALL HOW OBTAINED

CODES EXCEPT

HOW OBTAINED

NUMBER BANDED

89 AND 99

CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
2640 LONG BILLED CURLEW	2	149	0		0	
2650 WHIMBREL	4	13	0		0	
2680 BR THIGHED CURLEW	3	0	0		0	
2700 BLK BELLIED PLOVER	14	104	0		0	
2720 AM GOLDEN PLOVER	42	35	0		0	
2730 KILLDEER	316	452	0		0	
2740 SEMIPALMATE PLOVER	399	297	2	1	1	+
2770 PIPING PLOVER	141	94	0		0	
2780 SNOWY PLOVER	374	399	9	2	0	
2800 WILSONS PLOVER	29	13	0		0	
2810 MOUNTAIN PLOVER	93	9	0		0	
2830 RUDDY TURNSTONE	48	82	1	1	0	
2840 BLACK TURNSTONE	13	85	0		0	
2860 AM OYSTERCATCHER	23	95	0		0	
2870 BLK OYSTERCATCHER	14	32	0		0	
2880 JACANA	0	8	0		0	
2910 MASKED BOWWHITE	0	68	0		0	
3120 BAND TAILED PIGEON	257	2,001	35	2	7	+
3130 RED BILLED PIGEON	0	8	0		0	
3131 ROCK DOVE	0	235	0		0	
3140 WHITE CROWN PIGEON	0	1,223	71	6	0	
3151 SPOTTED DOVE	223	28	0		0	
3152 RINGED TURTLE DOVE	29	0	0		0	
3156 BARRED DOVE	9	1	0		0	
3160 MOURNING DOVE	10,069	9,807	251	3	2	+
3170 ZENAIDA DOVE	0	15	0		0	
3180 WHITE FRONTED DOVE	16	81	0		0	
3190 WHITE WINGED DOVE	4,559	1,041	13	1	1	+
3200 GROUND DOVE	163	461	2	+	0	
3210 INCA DOVE	735	729	12	2	0	
3220 KEY W QUAIL DOVE	1	0	0		0	
3221 RUDDY QUAIL DOVE	12	3	0		0	
3222 BRIDLED QUAIL-DOVE	18	0	0		0	

ALL HOW OBTAINED
CODES EXCEPT 89 AND 99
NUMBER BANDED
HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
3250 TURKEY VULTURE	9	141	0		0	
3260 BLACK VULTURE	9	151	0		0	
3270 SWALLOW TAIL KITE	3	0	0		0	
3280 WHITE TAILED KITE	14	14	0		0	
3290 MISSISSIPPI KITE	58	10	0		0	
3300 EVERGLADE KITE	25	121	1	1	1	1
3310 MARSH HAWK	389	386	4	1	0	
3320 SHARP SHINNED HAWK	9,513	11,550	79	1	52	+
3330 COOPERS HAWK	1,107	802	16	2	5	1
3340 GOSHAWK	2,295	316	14	4	0	
3350 HARRIS HAWK	157	132	2	2	0	
3370 RED TAILED HAWK	2,635	2,748	103	4	5	+
3376 HARLANS HAWK	8	2	0		0	
3390 RED SHOULDER HAWK	321	337	10	3	0	
3410 WHITE TAILED HAWK	3	0	0		0	
3420 SWAINSONS HAWK	337	573	15	3	0	
3430 BROAD WINGED HAWK	219	254	5	2	0	
3450 BLACK HAWK	1	1	0		0	
3470 ROUGH LEGGED HAWK	128	104	4	4	0	
3480 FERRUGINOUS HAWK	758	753	25	3	0	
3490 GOLDEN EAGLE	306	246	20	8	0	
3520 BALD EAGLE	973	591	46	8	0	
3547 GYRFALCON	15	25	0		0	
3550 PRAIRIE FALCON	262	886	13	1	0	
3560 PEREGRINE FALCON	1,067	419	9	2	10	2
3570 PIGEON HAWK	726	540	14	3	2	+
3600 SPARROW HAWK	5,577	5,251	74	1	10	+
3620 CARACARA	1	7	0		0	
3640 OSPREY	838	904	42	5	4	+
3650 BARN OWL	1,175	694	34	5	1	+
3660 LONG EARED OWL	240	509	6	1	0	
3670 SHORT EARED OWL	22	106	0		0	
3680 BARRED OWL	141	100	5	5	0	

ALL HOW OBTAINED
CODES EXCEPT 89 AND 99
NUMBER BANDED
HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
3690 SPOTTED OWL	12	2	0		0	
3700 GREAT GRAY OWL	31	56	1	2	0	
3710 BOREAL OWL	55	32	1	3	0	
3720 SAW WHET OWL	1,359	1,315	6	+	1	+
3730 SCREECH OWL	789	759	19	3	0	
3740 FLAMMULATED OWL	32	25	0		0	
3750 GREAT HORNED OWL	850	972	59	6	3	+
3760 SNOWY OWL	38	82	8	10	0	
3770 HAWK OWL	21	12	0		0	
3780 BURROWING OWL	272	51	1	2	0	
3790 PYGMY OWL	8	10	0		0	
3800 FERRUGINOUS OWL	0	1	0		0	
3810 ELF OWL	44	4	0		0	
3840 GROOVE BILLED ANI	0	10	0		0	
3850 ROADRUNNER	9	5	0		0	
3860 MANGROVE CUCKOO	1	2	0		0	
3870 YELLOW BILL CUCKOO	229	200	0		0	
3880 BLACK BILL CUCKOO	133	218	2	1	0	
3900 BELTED KINGFISHER	161	154	0		0	
3910 GREEN KINGFISHER	3	1	0		0	
3930 HAIRY WOODPECKER	522	536	3	1	0	
3940 DOWNY WOODPECKER	2,749	2,381	3	+	1	+
3950 RED COCKADED WOPKR	445	81	0		0	
3960 LADDER BACK WOPKR	30	46	0		0	
3970 NUTTALL WOODPECKER	16	15	0		0	
3980 ARIZONA WOODPECKER	1	0	0		0	
4000 BLK BACK 3 TOE WDP	5	5	0		0	
4010 N 3 TOE WOODPECKER	5	0	0		0	
4020 YEL BEL SAPSUCKER	429	476	1	+	0	
4029 RED NAPE SAPSUCKER	6	11	0		0	
4030 RED BR SAPSUCKER	13	13	0		0	
4040 WMS SAPSUCKER	13	6	0		0	
4050 PILEATED WOODPECKR	20	35	0		0	

ALL HOW OBTAINED
CODES EXCEPT
89 AND 99

HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
4060 RED HD WOODPECKER	180	226	0		0	
4070 ACORN WOODPECKER	163	46	0		0	
4090 RED BEL WOODPECKER	392	373	1	+	0	
4100 GOLD FR WOODPECKER	11	31	0		0	
4110 GILA WOODPECKER	110	84	0		0	
4120 YELL SHAFT FLICKER	1,147	1,073	4	+	0	
4123 FLICKER HYBRID	109	15	0		0	
4130 RED SHAFT FLICKER	89	100	0		0	
4140 GILDED FLICKER	18	12	1	8	0	
4160 CHUCK WILLS WIDOW	15	10	0		0	
4170 WHIP POOR WILL	32	29	0		0	
4180 POOR WILL	6	25	0		0	
4190 PAURAUQUE	1	1	0		0	
4200 COMMON NIGHTHAWK	34	76	0		0	
4210 LESSER NIGHTHAWK	0	16	0		0	
4220 BLACK SWIFT	3	0	0		0	
4230 CHIMNEY SWIFT	248	957	2	+	0	
4240 VAUXS SWIFT	1	0	0		0	
4250 WHITE THROAT SWIFT	0	7	0		0	
4260 RIVOLI HUMMINGBIRD	0	3	0		0	
4270 BL THR HUMMINGBIRD	0	9	0		0	
4280 RUBY THR HUMMINGBIRD	664	356	0		0	
4290 BL CHIN HUMMINGBIRD	21	18	0		0	
4300 COSTAS HUMMINGBIRD	1	5	0		0	
4310 ANNAS HUMMINGBIRD	29	80	0		0	
4320 BROAD T HUMMINGBIRD	23	91	1	1	0	
4330 RUFOUS HUMMINGBIRD	57	22	0		0	
4340 ALLENS HUMMINGBIRD	1	37	0		0	
4360 CALLIOPE HUMMINGBIRD	1	0	0		0	
4390 BUFF BEL HUMMINGBIRD	2	0	0		0	
4409 UNIDED HUMMINGBIRD	3	9	0		0	
4410 BROAD BIL HUMMINGBIRD	0	2	0		0	
4430 SCISSOR T FLYCATCH	69	83	0		0	

ALL HOW OBTAINED
CODES EXCEPT 89 AND 99
HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
4440 EASTERN KINGBIRD	465	523	0		0	
4450 GRAY KINGBIRD	1	3	0		0	
4470 WESTERN KINGBIRD	59	81	1	1	0	
4480 CASSINS KINGBIRD	4	13	0		0	
4490 KISKADE FLYCATCHER	0	2	0		0	
4520 GR CR FLYCATCHER	375	576	1	+	0	
4530 WIED CR FLYCATCHER	36	27	0		0	
4540 ASH THR FLYCATCHER	138	68	0		0	
4560 EASTERN PHOEBE	1,112	848	2	+	0	
4570 SAYS PHOEBE	50	22	0		0	
4580 BLACK PHOEBE	49	359	1	+	0	
4590 OLIVE S FLYCATCHER	50	53	0		0	
4610 EASTERN WOOD PEWEE	854	915	0		0	
4620 WESTERN WOOD PEWEE	108	105	0		0	
4630 YEL BEL FLYCATCHER	1,293	1,155	0		0	
4640 WESTERN FLYCATCHER	405	309	0		0	
4650 ACADIAN FLYCATCHER	451	338	0		0	
4660 TRAILLS FLYCATCHER	1,636	1,528	0		0	
4663 ALDER FLYCATCHER	9	59	0		0	
4664 WILLOW FLYCATCHER	53	33	0		0	
4670 LEAST FLYCATCHER	3,005	3,007	0		0	
4679 UNIDENT EMPIDONAX	25	26	0		0	
4680 HAMMOND FLYCATCHER	59	42	0		0	
4690 DUSKY FLYCATCHER	70	85	0		0	
4691 GRAY FLYCATCHER	29	24	0		0	
4700 BUFF BR FLYCATCHER	19	0	0		0	
4710 VERMILION FLYCATCH	3	2	0		0	
4740 HORNED LARK	340	334	0		0	
4750 BLACK BILL MAGPIE	478	814	5	1	0	
4760 YELLOW BILL MAGPIE	62	1	0		0	
4770 BLUE JAY	11,410	12,260	104	1	27	+
4780 STELLERS JAY	115	176	2	1	0	
4810 SCRUB JAY	857	449	5	1	0	

SPECIES	ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	NUMBER BANDED	NUMBER	NUMBER	%
4820 MEXICAN JAY	92	103	0	
4830 GREEN JAY	65	6	0	
4840 GRAY JAY	125	49	1	2
4860 COMMON RAVEN	27	1,084	45	4
4870 WHITE NECKED RAVEN	132	0	0	
4880 COMMON CROW	186	160	6	4
4890 NORTHWESTERN CROW	32	94	6	6
4900 FISH CROW	0	3	0	
4904 HAWAIIAN CROW	2	2	0	
4910 CLARKS NUTCRACKER	10	2	0	
4920 PINON JAY	95	575	2	+
4930 STARLING	9,841	8,209	62	1
4933 JAPANESE WHITE-EYE	275	676	0	
4940 BOBOLINK	346	261	0	
4950 BROWN HEAD COWBIRD	9,725	13,222	61	+
4960 BRONZED COWBIRD	101	19	0	
4970 YEL HEAD BLACKBIRD	914	523	0	
4980 REDWING BLACKBIRD	11,343	12,249	60	+
4982 YEL-SH BLACKBIRD	6	3	0	
5000 TRICOLOR BLACKBIRD	2	80	0	
5010 EASTERN MEADOWLARK	195	153	0	
5011 WESTERN MEADOWLARK	82	70	0	
5030 BLACK HEAD ORIOLE	1	0	0	
5032 SPOTTED BR ORIOLE	1	4	0	
5040 SCOTTS ORIOLE	159	2	0	
5050 HOODED ORIOLE	36	66	0	
5060 ORCHARD ORIOLE	277	173	1	1
5070 BALTIMORE ORIOLE	1,814	2,075	4	+
5078 BALXBUL ORIOLE HYB	1	5	0	
5080 BULLOCKS ORIOLE	349	171	1	1
5090 RUSTY BLACKBIRD	192	105	0	
5100 BREWERS BLACKBIRD	288	346	4	1
5110 GRACKLE, PURP/FLA	11,462	16,055	243	2

SPECIES	ALL HOW OBTAINED CODES EXCEPT NUMBER BANDED 89 AND 99				HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
5130 BOAT TAIL GRACKLE	498	305	2	1	0	
5139 GREAT-TAIL GRACKLE	531	318	6	2	0	
5140 EVENING GROSBEAK	9,577	20,317	101	+	60	+
5141 BRAMBLING	0	7	0		0	
5150 PINE GROSBEAK	232	119	0		0	
5170 PURPLE FINCH	18,685	29,149	72	+	51	+
5180 CASSINS FINCH	367	625	2	+	0	
5190 HOUSE FINCH	26,763	15,857	48	+	26	+
5210 RED CROSSBILL	74	47	0		0	
5220 WHT WING CROSSBILL	85	5	0		0	
5240 GRAY CR ROSY FINCH	548	137	1	1	0	
5250 BLACK ROSY FINCH	9	0	0		0	
5260 BR CAP ROSY FINCH	3	12	0		0	
5270 HOARY REDPOLL	314	549	0		0	
5275 UNIDENT REDPOLL	4	19	0		0	
5280 COMMON REDPOLL	32,402	37,066	32	+	11	+
5290 AMERICAN GOLDFINCH	39,584	34,236	70	+	59	+
5300 LESSER GOLDFINCH	309	182	0		0	
5310 LAWRENCE GOLDFINCH	7	14	0		0	
5330 PINE SISKIN	35,997	42,116	58	+	139	+
5340 SNOW BUNTING	3,899	869	0		0	
5350 MCKAYS BUNTING	12	7	0		0	
5360 LAPLAND LONGSPUR	167	1,060	0		0	
5370 SMITHS LONGSPUR	0	1	0		0	
5380 CHEST COL LONGSPUR	69	0	0		0	
5390 MCCOWNS LONGSPUR	0	1	0		0	
5400 VESPER SPARROW	429	428	0		0	
5410 IPSWICH SPARROW	0	294	0		0	
5420 SAVANNAH SPARROW	1,728	2,285	1	+	0	
5430 BELDINGS SAV SPAR	0	174	1	1	0	
5450 BAIRDS SPARROW	1	3	0		0	
5460 GRASSHOPPER SPAR	132	141	0		0	
5470 HENSLOWS SPARROW	32	6	0		0	

ALL HOW OBTAINED
CODES EXCEPT 89 AND 99 HOW OBTAINED
NUMBER BANDED CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
5480 LE CONTES SPARROW	23	3	0		0	
5490 SHARP TAIL SPARROW	113	574	0		0	
5500 SEASIDE SPARROW	159	467	0		1	+
5510 DUSKY SEASIDE SPAR	0	9	0		1	11
5520 LARK SPARROW	456	102	0		0	
5530 HARRIS SPARROW	903	1,793	0		1	+
5540 WHITE CROWNED SPAR	3,420	4,397	5	+	1	+
5546 MTN WH-CROWN SPAR	112	22	0		0	
5547 PUGET S SPARROW	260	361	0		0	
5548 NUTTALLS SPARROW	335	484	0		0	
5549 GAMBELS SPARROW	2,719	4,206	3	+	0	
5570 GOLDEN CR SPARROW	774	1,055	1	+	0	
5580 WHITE THR SPARROW	21,668	27,098	14	+	6	+
5590 TREE SPARROW	9,151	10,041	11	+	1	+
5600 CHIPPING SPARROW	4,544	4,124	4	+	0	
5610 CLAY COLOR SPARROW	229	290	0		0	
5620 BREWERS SPARROW	388	56	0		0	
5630 FIELD SPARROW	3,882	3,105	2	+	0	
5650 BLACK CHIN SPARROW	0	5	0		0	
5660 WHITE WINGED JUNCO	128	203	1	+	0	
5670 SLATE COLOR JUNCO	28,774	34,321	23	+	4	+
5677 UNIDENTIFIED JUNCO	1,093	930	0		0	
5679 OREGON JUNCO	3,323	2,942	4	+	1	+
5700 MEXICAN JUNCO	8	44	0		0	
5708 GRAY HEADED JUNCO	189	496	0		0	
5730 BLACK THR SPARROW	31	58	0		0	
5740 SAGE SPARROW	206	24	0		0	
5750 BACHMANS SPARROW	1	1	0		0	
5760 BOTTERIS SPARROW	63	1	0		0	
5770 FIVE-STRIP SPARROW	0	18	0		0	
5780 CASSINS SPARROW	71	5	0		0	
5790 RUFOUS WINGED SPAR	44	0	0		0	
5800 RUFOUS CROWN SPAR	98	34	0		0	

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
5810 SONG SPARROW	13,785	12,045	5	+	1	+
5830 LINCOLNS SPARROW	2,736	2,306	3	+	1	+
5840 SWAMP SPARROW	2,882	2,629	0		1	+
5850 FOX SPARROW	1,417	1,784	0		0	
5860 OLIVE SPARROW	2	10	0		0	
5870 RUFOUS SIDE TOWHEE	1,917	2,596	1	+	1	+
5880 SPOTTED TOWHEE	493	267	0		0	
5910 BROWN TOWHEE	343	283	3	1	0	
5920 ABERTS TOWHEE	94	42	0		0	
5921 GREEN TAIL TOWHEE	308	164	0		0	
5922 BRAZILIAN CARDINAL	7	14	0		0	
5930 CARDINAL	8,226	9,630	41	+	3	+
5940 PYRRHULOXIA	39	73	0		0	
5950 ROSE BR GROSBEAK	2,688	2,648	6	+	0	
5956 HYBRID GROSBEAK	3	0	0		0	
5960 BLK HEAD GROSBEAK	173	166	0		0	
5970 BLUE GROSBEAK	130	54	0		0	
5980 INDIGO BUNTING	4,398	2,561	2	+	0	
5989 INDIAN BUNTING HY	3	0	0		0	
5990 LAZULI BUNTING	600	527	0		3	1
6000 VARIED BUNTING	1	0	0		0	
6010 PAINTED BUNTING	215	186	0		0	
6030 BLK FACE GRASSQUIT	153	34	0		0	
6040 DICKCISSEL	32	125	0		0	
6050 LARK BUNTING	8	39	0		0	
6070 WESTERN Tanager	186	171	1	1	0	
6080 SCARLET Tanager	623	906	1	+	0	
6090 HEPATIC Tanager	2	0	0		0	
6100 SUMMER Tanager	218	106	0		0	
6110 PURPLE MARTIN	5,331	5,346	23	+	2	+
6120 CLIFF SWALLOW	3,369	2,627	0		30	1
6121 CAVE SWALLOW	717	57	0		0	
6123 SWALLOW HYBRID	11	0	0		0	

NUMBER BANDED

ALL HOW OBTAINED

CODES EXCEPT
89 AND 99HOW OBTAINED
CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
6130 BARN SWALLOW	3,731	5,296	1	+	1	+
6140 TREE SWALLOW	14,212	12,230	30	+	4	+
6150 VIOLET GRN SWALLOW	137	66	0		0	
6160 BANK SWALLOW	5,073	2,478	1	+	0	
6170 ROUGH WING SWALLOW	187	154	0		0	
6180 BOHEMIAN WAXWING	220	741	3	+	0	
6190 CEDAR WAXWING	3,840	2,450	3	+	1	+
6200 PHAINOPEPLA	10	9	0		0	
6210 NORTHERN SHRIKE	67	73	0		0	
6220 LOGGERHEAD SHRIKE	95	213	0		0	
6230 BLK WHISKER VIREO	60	6	0		0	
6240 RED EYED VIREO	4,377	5,311	0		0	
6250 YELLOW GREEN VIREO	6	5	0		0	
6260 PHILADELPHIA VIREO	531	609	0		0	
6270 WARBLING VIREO	758	696	1	+	0	
6280 YELLOW THR VIREO	76	61	0		0	
6290 SOLITARY VIREO	582	603	0		0	
6310 WHITE EYED VIREO	794	640	1	+	0	
6320 HUTTONS VIREO	27	31	0		0	
6330 BELLS VIREO	163	72	0		0	
6350 BAHAMA HON CREEPER	841	40	0		0	
6351 APAPANE	1	683	0		0	
6353 IIWI	0	330	0		0	
6354 AMAKIHI	2	327	0		0	
6356 CREEPER	0	15	0		0	
6360 BLK AND WHITE WARB	2,556	2,615	1	+	0	
6361 AKEPA	0	28	0		0	
6362 AKIAPOLAAU	0	11	0		0	
6370 PROTHONOTARY WARB	295	181	0		0	
6380 SWAINSONS WARBLER	20	20	0		0	
6390 WORM EATING WARBLR	202	165	0		0	
6410 BLUE WING WARBLER	591	360	1	+	0	
6412 BREWSTERS WARBLER	19	8	0		0	

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
6413 LAWRENCES WARBLER	4	2	0		0	
6420 GOLDEN WING WARBLR	194	149	0		0	
6430 LUCYS WARBLER	60	3	0		0	
6440 VIRGINIAS WARBLER	24	31	0		0	
6450 NASHVILLE WARBLER	3,441	3,546	0		0	
6460 ORANGE CR WARBLER	1,373	1,104	0		0	
6470 TENNESSEE WARBLER	6,082	8,565	0		0	
6480 PARULA WARBLER	599	387	0		0	
6490 OLIVE BACK WARBLER	6	0	0		0	
6500 CAPE MAY WARBLER	2,486	3,052	2	+	1	+
6520 YELLOW WARBLER	3,825	5,172	5	+	1	+
6525 HYBRID WARBLER	0	1	0		0	
6540 BLK THR BLUE WARB	2,404	2,309	2	+	0	
6550 MYRTLE WARBLER	25,298	19,916	3	+	2	+
6556 AUD X MYRTLE WARB	42	4	0		0	
6560 AUDUBONS WARBLER	2,023	821	0		0	
6570 MAGNOLIA WARBLER	6,512	6,590	2	+	0	
6580 CERULEAN WARBLER	22	26	0		0	
6590 CHESTNUT SIDE WARB	1,284	1,373	0		0	
6600 BAY BREAST WARBLER	2,587	4,276	2	+	0	
6610 BLACKPOLL WARBLER	2,470	3,357	0		0	
6620 BLACKBURNIAN WARB	909	1,032	1	+	0	
6630 YELLOW THR WARBLER	32	30	0		0	
6640 GRACES WARBLER	0	1	0		0	
6650 BLK THR GR WARBLER	34	19	0		0	
6670 BLK THR GN WARBLER	1,795	1,752	0		0	
6680 TOWNSENDS WARBLER	115	120	0		0	
6690 HERMIT WARBLER	18	14	0		0	
6700 KIRTLANDS WARBLER	1	52	0		0	
6710 PINE WARBLER	170	128	0		0	
6720 WEST PALM WARBLER	1,176	1,151	1	+	0	
6729 YELL PALM WARBLER	288	341	0		0	
6730 PRAIRIE WARBLER	219	177	0		0	

ALL HOW OBTAINED

CODES EXCEPT

HOW OBTAINED

NUMBER BANDED

89 AND 99

CODE 89

SPECIES	1982	1978	NUMBER	%	NUMBER	%
5740 OVENBIRD	4,740	4,573	4	+	0	
5750 NO WATERTHRUSH	2,946	2,380	0		0	
5760 LA WATERTHRUSH	135	132	0		0	
6770 KENTUCKY WARBLER	350	237	0		0	
6780 CONNECTICUT WARBLER	275	192	0		0	
6790 MORNING WARBLER	903	813	0		0	
6800 MACGILLIVRAYS WARBLER	171	151	0		0	
6810 YELLOWTHROAT	9,782	7,576	2	+	2	+
6830 YELLOW BR CHAT	449	534	0		0	
6840 HOODED WARBLER	552	401	0		1	+
6850 WILSONS WARBLER	2,287	2,117	1	+	0	
6860 CANADA WARBLER	2,365	2,171	1	+	1	+
6870 AMERICAN REDSTART	7,031	6,666	1	+	0	
6880 PAINTED REDSTART	7	4	0		0	
6882 HOUSE SPARROW	14,865	26,762	58	+	0	
6883 EUR TREE SPARROW	29	82	0		0	
6884 RICEBIRD	1	95	0		0	
6886 JAVA SPARROW	3	0	0		0	
5960 YELLOW WAGTAIL	0	2	0		0	
5970 WATER PIPIT	23	10	0		0	
7010 DIPPER	15	109	0		0	
7020 SAGE THRASHER	6	12	0		0	
7030 MOCKINGBIRD	1,167	1,229	12	1	0	
7040 CATBIRD	15,659	13,293	20	+	4	+
7050 BROWN THRASHER	1,573	1,805	6	+	1	+
7060 LONG BILL THRASHER	3	30	0		0	
7070 CURVE BIL THRASHER	197	122	1	1	0	
7080 BENDIRES THRASHER	3	2	0		0	
7090 GRAY THRASHER	1	0	0		0	
7100 CALIF THRASHER	23	19	0		0	
7110 LE CONTES THRASHER	1	0	0		0	
7120 CRISSAL THRASHER	9	12	0		0	
7130 CACTUS WREN	65	69	0		0	

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
7150 ROCK WREN	12	4	0		0	
7170 CANON WREN	3	10	0		0	
7180 CAROLINA WREN	669	513	1	+	0	
7190 BEWICKS WREN	360	324	1	+	0	
7210 HOUSE WREN	3,970	3,115	3	+	0	
7220 WINTER WREN	488	460	0		0	
7240 SHORT BILL M WREN	12	7	0		0	
7250 LONG BILL MSH WREN	482	852	0		0	
7260 BROWN CREEPER	1,977	2,256	2	+	0	
7261 RED-BILL LAIOTHRIX	0	245	0		0	
7270 WHITE BR NUTHATCH	1,936	1,539	4	+	0	
7280 RED BR NUTHATCH	661	851	0		0	
7290 BRN HEAD NUTHATCH	15	14	0		0	
7300 PIGMY NUTHATCH	17	34	0		0	
7310 TUFTED TITMOUSE	3,687	2,916	7	+	0	
7320 BLACK CR TITMOUSE	31	148	0		0	
7330 PLAIN TITMOUSE	91	66	0		0	
7340 BRIDLED TITMOUSE	21	6	0		0	
7350 BLK CAP CHICKADEE	13,992	10,037	10	+	4	+
7355 UNIDENT CHICKADEE	17	0	0		0	
7360 CAROLINA CHICKADEE	2,710	1,621	0		0	
7380 MOUNTAIN CHICKADEE	907	980	0		0	
7390 GRAY HD CHICKADEE	0	1	0		0	
7400 BOREAL CHICKADEE	185	60	0		0	
7410 CHEST B CHICKADEE	192	182	0		0	
7420 WRENTIT	312	121	0		0	
7422 RED-VENTED BULBUL	10	1	0		0	
7430 COMMON BUSHTIT	248	174	0		0	
7450 BLACK EAR BUSHTIT	1	1	0		0	
7460 VERDIN	40	31	0		0	
7474 ELEPAIO	2	134	0		0	
7480 GOLDEN CR KINGLET	3,443	1,306	2	+	0	
7490 RUBY CROWN KINGLET	7,590	5,095	1	+	0	

NUMBER ENCOUNTERS 178-BANDED
BIRDS PROCESSED THRU AUG '83

SPECIES	NUMBER Banded		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
7510 BLU GRAY GNATCATCH	321	189	0		0	
7520 BLK TAIL GNATCATCH	11	1	0		0	
7540 TOWNSEND SOLITAIRE	16	29	0		0	
7550 WOOD THRUSH	2,437	2,153	5	+	0	
7560 VEERY	2,782	2,322	2	+	0	
7570 GRAY CHEEK THRUSH	1,494	1,648	1	+	0	
7580 SWAINSONS THRUSH	8,037	9,719	3	+	3	+
7590 HERMIT THRUSH	3,351	3,302	0		1	+
7610 ROBIN	10,391	9,069	54	1	1	+
7615 CLAY-COLORED ROBIN	0	6	0		0	
7621 HAWAIIAN THRUSH	0	188	0		0	
7623 MEL LAUGH THRUSH	0	1	0		0	
7630 VARIED THRUSH	38	104	1	1	0	
7641 SIBERIAN RUBY THR	0	1	0		0	
7650 WHEATEAR	1	2	0		0	
7660 EASTERN BLUEBIRD	8,750	3,721	12	+	0	
7670 WESTERN BLUEBIRD	654	100	0		0	
7680 MOUNTAIN BLUEBIRD	1,158	1,686	1	+	0	
8066 JAMAN MANGO HUMMER	8	0	0		0	
8071 STREAMER T HUMMBRD	117	62	0		0	
8085 P R WOODPECKER	2	0	0		0	
8093 STOLID FLYCATCHER	22	0	0		0	
8094 SAD FLYCATCHER	1	1	0		0	
8113 BAHAMA MOCKINGBIRD	2	5	0		0	
8115 PEARL-EYE THRASHER	188	0	0		0	
8124 RED LEGGED THRUSH	33	14	0		0	
8127 SOLITAIRE	5	0	0		0	
8130 THICK BILL VIREO	12	20	0		0	
8138 OLIVE CAP WARBLER	1	0	0		0	
8139 ADELAIDES WARBLER	5	0	0		0	
8145 BAHAMA YELLOW THRT	21	21	0		0	
8155 STRIPED-HD TANAGER	37	1	0		0	
8161 GLOSSY COWBIRD	630	518	7	1	0	

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1982	1978	NUMBER	%	NUMBER	%
8162 GR ANTILN GRACKLE	45	115	3	3	0	0
8178 GR ANT BULLFINCH	5	46	0	0	0	0
8179 P R BULLFINCH	28	0	0	0	0	0
8504 ADELIE PENGUIN	0	1	1	100	0	0
8525 GIANT PETREL	85	87	3	3	0	0
8543 SHEATHBILL	35	17	0	0	0	0
8545 SOUTH POLAR SKUA	25	5	0	0	0	0
8546 S BLK BACKED GULL	13	3	0	0	0	0
8552 S POLAR X BRN SKUA	4	0	0	0	0	0
8554 BROWN SKUA	61	22	0	0	0	0

TOTALS: 1,103,215 1,291,285 46,957 4 4,019 +