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Memorandum to All Banders, 47

George M. Jonkel

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January 5, 1982

MTAB-47

MEMORANDUM

TO : All Banders

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

SUBJECT: 1. End-of-the-Year Banding Report (EOY)
2. Banding tabulation for 1980
3. Volume II correction -- Ruby-crowned Kinglet
4. Banding data request card
5. Banding endangered species
6. BBL ZIP Code change
7. Assistance to BBL on age/sex keys
8. Auxiliary marking authorizations
9. Thank you for early reporting
10. Banding Data Analysis Service
11. EBBA/NEBBA annual meeting

1. Enclosed is your End-of-the-Year Banding Report form (EOY). Please complete and return this form immediately. It is due in the Bird Banding Laboratory no later than January 31, 1982.

2. A species tabulation of your 1980 banding accomplishments is enclosed if banding was done under your permit and the data were processed into our files by October 1981. This is a check for accuracy of data in addition to the Bird Banding Laboratory edits. Please compare the listing against your records and advise us of any discrepancies. Rebanded birds are not included in the summary and a double-banded bird is counted as one bird. *Boso bandings. Checked and correct.*

3. Change Ruby-crowned Kinglet (Sp.No. 749.0) key in the Bird Banding Manual, Vol. II, from 1A (See 3) to (See 4). *Corrected 16 Jan'82.*

4. Please return Banding Data Request Cards (Form 3-860a) promptly. It is important to get this data into the computer files so that we can respond to the hunter or finder. This promotes interest and cooperation by the public in sending us band recoveries. The card should include the banding information for the number requested in the same format and codes as it would appear on your schedule. Prompt replies will eliminate further requests which are time-consuming and costly.

5. MTAB-26 indicated that incidental banding of endangered species was prohibited. This policy has been reevaluated with the subsequent determination that any endangered species accidentally captured during a routine banding operation, or otherwise legally held, may be banded but must be released immediately at the site of capture. The act of trapping for an endangered species is still prohibited, unless an Endangered Species Permit has been obtained from the Wildlife Permit Office, U.S. Fish and Wildlife Service, Washington, D.C. 20240. If an individual of an endangered species is captured and is injured or subsequently dies, the nearest U.S. Fish and Wildlife Service District Law *Note! Corrected on MTAB26.*

Enforcement Office must be notified within 48 hours. If you are unable to locate this office, contact the Bird Banding Laboratory immediately so that the information can be relayed within this time period. Disposition of injured or salvaged endangered birds will be directed by the U.S. Fish and Wildlife Service Law Enforcement Office.

6. Change the Bird Banding Laboratory ZIP Code to 20708.

7. We still need assistance on the age-sex keys for Volume II. Any bander who wishes to work on a species should send us a draft key. If you contact us in advance we will send copies of any information we have in our files for your selected species. All drafts should follow the standard Vol. II format. BBL will type the drafts and send them to the reviewers. Any help the banders can provide would be deeply appreciated.

We would also like to thank all those who have assisted with the age-sex key preparation and review for Volume II.

8. Your master Federal Bird Marking and Salvage Permit is renewed at expiration when you so request on the End-of-the-Year Banding Report form. This procedure does not cover the renewal of auxiliary marking authorizations. Please review the instructions in the Bird Banding Manual, pages 2-10 and 2-11, and MTAB-30 when requesting new auxiliary marking authorizations.

9. In a previous MTAB we asked banders to report completed strings of bandings and to report after seasonal banding projects. We now receive many schedules earlier and this will take a significant load off our end-of-the-year processing. Thank you very much for helping.

10. A report on the proposed establishment of a Banding Data Analysis Service (BDAS) by the Point Reyes Bird Observatory (PRBO) and a questionnaire designed to determine the amount of interest in such a project was mailed by the Bird Banding Laboratory in September 1981 as an enclosure to MTAB-45. To date, PRBO has received 98 completed questionnaires of which 73 indicated a willingness to contribute data. These data would amount to approximately 65,000 records per year. The major reasons given by those 25 responses that indicated an unwillingness to contribute data were 1) the cost, 2) the lack of data other than that required by the BBL, and 3) the present access to computer facilities. If you have not yet responded to this questionnaire, we would appreciate it if you would. If you have already responded, thank you very much.

11. The EBBA/NEBBA meeting is scheduled for April 16-18 at Frost Valley, NY. The workshop section of the meeting will include outdoor demonstrations of netting and trapping techniques. For further information contact Mrs. Hannah Suthers, 4 View Point Drive, Hopewell, NJ 08525; or Miss Charl Warburton, Box 322-D, Mine Road, Pennington, NJ 08534.

George M. Jonkel

George M. Jonkel

Enclosures

SPECIES	NUMBER Banded		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
0010 WESTERN GREBE	42	88	2	2	0	
0020 RED NECKED GREBE	2	0	0		0	
0030 HORNED GREBE	34	26	1	4	0	
0040 EARED GREBE	172	122	0		0	
0060 PIED BILLED GREBE	43	27	1	4	0	
0070 COMMON LOON	50	38	10	26	0	
0100 ARCTIC LOON	2	0	0		0	
0110 RED THROATED LOON	7	5	0		0	
0120 TUFTED PUFFIN	18	332	0		0	
0130 COMMON PUFFIN	205	97	0		0	
0140 HORNED PUFFIN	8	54	0		0	
0150 RHINCCEROS AUKLET	37	157	0		0	
0160 CASSINS AUKLET	891	351	0		0	
0170 PARAKEET AUKLET	0	9	0		0	
0180 CRESTED AUKLET	0	41	0		0	
0190 WHISKERED AUKLET	0	7	0		0	
0200 LEAST AUKLET	0	525	0		0	
0210 ANCIENT MURRELET	0	108	0		0	
0250 XANTUS MURRELET	0	84	0		0	
0270 BLACK GUILLEMOT	377	261	9	3	0	
0280 MANDTS GUILLEMOT	0	5	0		0	
0290 PIGEON GUILLEMOT	147	112	4	4	0	
0300 COMMON MURRE	166	59	3	5	0	
0310 THICK BILLED MURRE	2,878	116	3	3	0	
0320 RAZOR BILLED AUK	2	0	0		0	
0350 SKUA	16	0	0		0	
0370 PARASITIC JAEGER	0	36	0		0	
0380 LONG TAILED JAEGER	0	23	0		0	
0390 IVORY GULL	0	208	2	1	0	
0400 BLK LEG KITTIWAKE	30	425	0		0	
0410 RED LEG KITTIWAKE	0	60	1	2	0	
0420 GLAUCOUS GULL	0	63	0		0	
0440 GLAUCOUS WING GULL	1,815	10,542	364	3	1	

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
0450 KUMLIENS GULL	24	0	0		0	
0470 GRT BLK BACK GULL	862	718	25	3	0	
0490 WESTERN GULL	3,514	3,434	264	8	1	+
0510 HERRING GULL	8,895	8,064	204	3	0	
0530 CALIFORNIA GULL	1,968	1,373	22	2	0	
0534 UNIDENT GULL	214	0	0		0	
0540 RING BILLED GULL	13,685	10,731	244	2	2	+
0550 MEW GULL	25	0	0		0	
0570 HEERMANN'S GULL	0	1	0		0	
0580 LAUGHING GULL	12,442	8,497	162	2	1	+
0590 FRANKLINS GULL	4	16	0		0	
0600 BONAPARTES GULL	5	4	0		0	
0601 LITTLE GULL	0	1	0		0	
0620 SABINES GULL	3	15	0		0	
0630 GULL BILLED TERN	66	88	1	1	0	
0640 CASPIAN TERN	1,559	1,262	18	1	0	
0650 ROYAL TERN	17,332	16,148	396	2	9	+
0660 ELEGANT TERN	292	0	0		0	
0670 SANDWICH TERN	2,003	793	8	1	5	1
0690 FORSTERS TERN	136	179	0		0	
0700 COMMON TERN	20,399	15,673	192	1	137	1
0710 ARCTIC TERN	340	168	0		0	
0720 ROSEATE TERN	1,515	1,119	16	1	3	+
0725 HYBRID TERN	1	11	0		0	
0730 ALEUTIAN TERN	14	0	0		0	
0731 BLACK NAPED TERN	0	29	0		0	
0740 LEAST TERN	1,922	2,177	19	1	5	+
0750 SOOTY TERN	5,203	20,022	17	+	0	
0760 BRIDLED TERN	63	11	0		0	
0761 GRAY-BACKED TERN	97	0	0		0	
0770 BLACK TERN	56	143	0		0	
0781 BLUE GRAY NODDY	2	0	0		0	
0790 NODDY TERN	648	556	1	+	0	

ALL NOW OBTAINED
CODES EXCEPT
NUMBER BANNEDALL NOW OBTAINED
CODES EXCEPT
89 AND 99NOW OBTAINED
CODE 89

SPECIES	1980	1976	NUMBER	%	NUMBER	%
0791 HAWAIIAN NODDY	8	0	0		0	
0792 FAIRY TERN	13	123	0		0	
0793 BLACK NODDY	316	70	0		0	
0800 BLACK SKIMMER	1,894	1,724	32	2	4	
0810 BLACK FT ALBATROSS	325	1	0		0	
0811 HYBRID ALBATROSS	1	0	0		0	
0821 LAYSAN ALBATROSS	724	0	0		0	
0822 BLK BROW ALBATROSS	0	6	0		0	
0860 FULMAR	7	269	0		0	
0890 GREATER SHEARWATER	1	0	0		0	
0908 NEWELLS SHEARWATER	1,367	0	0		0	
0920 AUDUBON SHEARWATER	6	2	0		0	
0961 WEDGE T SHEARWATER	729	3	0		0	
0964 XMAS IS SHEARWATER	91	0	0		0	
0985 DARK-RUMPED PETREL	2	5	0		0	
0991 BONIN ISLAND PTREL	128	563	3	1	0	
1010 BULWERS PETREL	151	0	0		0	
1030 LEAST PETREL	48	0	0		0	
1050 FORK TAILED PETREL	914	1,745	0		0	
1060 LEACHS PETREL	3,881	2,756	14	1	2	
1062 HARCOURTS PETREL	2	0	0		0	
1070 BLACK PETREL	0	1	0		0	
1080 ASHY PETREL	15	115	0		0	
1082 SOOTY STORM PETREL	37	0	0		0	
1090 WILSONS PETREL	15	4	0		0	
1120 WH TAIL TROPICBIRD	2	2	0		0	
1130 RED BIL TROPICBIRD	5	3	0		0	
1131 REDTAIL TROPICBIRD	116	3	0		0	
1140 BLUE FACED BOOBY	156	76	0		0	
1150 BROWN BOOBY	53	236	5	2	0	
1160 RED FOOTED BOOBY	74	43	1	2	0	
1170 GANNET	102	41	1	2	0	
1180 ANHINGA	4	0	0		0	

ALL HOW OBTAINED

CODES EXCEPT
89 AND 99HOW OBTAINED
CODE 89

NUMBER BANDED

SPECIES	1980	1976	NUMBER	%	NUMBER	%
1190 GREAT CORMORANT	0	163	7	4	0	
1200 DBLE CR CORMORANT	3,381	965	32	3	1	+
1210 OLIV CORMORANT	46	0	0		0	
1220 BRANDTS CORMORANT	693	365	37	10	0	
1230 PELAGIC CORMORANT	1	42	0		0	
1240 RED FACE CORMORANT	0	25	1	4	0	
1250 WHITE PELICAN	1,200	2,131	109	5	0	
1260 E BROWN PELICAN	1,520	864	61	7	0	
1281 GREAT FRIGATE BIRD	299	6	0		0	
1290 COMMON MERGANSER	17	55	1	2	0	
1300 RED BR MERGANSER	22	2	1	50	0	
1310 HOODED MERGANSER	111	137	8	6	0	
1320 MALLARD	143,714	128,486	14,436	11	1,015	1
1321 BLK X MAL HYBRID	534	682	80	12	5	1
1324 LAYSAN TEAL	50	0	0		0	
1326 HAWAIIAN DUCK	1	58	1	2	0	
1327 MALLARD X WIDGEON	2	0	0		0	
1330 BLACK DUCK	19,754	16,404	1,877	11	121	1
1331 MEXICAN DUCK	1	1	0		0	
1340 MOTTLED DUCK	716	602	30	5	0	
1350 GADWALL	1,898	1,356	102	8	22	2
1360 EUROPEAN WIDGEON	10	0	0		0	
1370 AMERICAN WIDGEON	2,072	4,719	407	9	5	+
1380 COMMON TEAL	269	0	0		0	
1390 GREEN WINGED TEAL	6,283	12,418	578	5	21	+
1400 BLUE WINGED TEAL	25,462	22,468	835	4	62	+
1401 UNIDENTIFIED TEAL	826	929	26	3	11	+
1403 GARGANEY TEAL	1	0	0		0	
1410 CINNAMON TEAL	10	299	29	10	0	
1420 SHOVELER	429	312	32	10	0	
1430 PINTAIL	14,015	21,375	1,518	7	138	1
1431 MALLARD X PINTAIL	5	0	0		0	
1439 BAHAMA DUCK	0	1	0		0	

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NUMBER ENCOUNTERS *76-BANDED
BIRDS PROCESSED THRU AUG *81

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
1440 WOOD DUCK	25,792	23,947	1,984	8	31	+
1450 UNIDENTIFIED DUCK	1	21	1	5	1	5
1460 REDHEAD	3,428	3,580	310	9	226	6
1470 CANVASBACK	6,673	4,299	352	8	60	1
1480 GREATER SCALP	263	562	57	10	5	1
1489 UNIDENTIFIED SCAUF	9	67	4	6	0	
1490 LESSER SCAUF	784	1,850	115	6	2	+
1500 RING NECKED DUCK	2,929	915	128	14	3	+
1510 COMMON GOLDENEYE	471	495	79	16	1	+
1512 UNIDENT GOLDENEYE	0	1	0		0	
1520 BARROWS GOLDENEYE	0	602	13	2	0	
1530 BUFFLEHEAD	119	186	24	13	0	
1540 OLDSQUAW	0	42	0		0	
1550 HARLEQUIN DUCK	28	8	0		0	
1570 STELLERS EIDER	941	457	12	3	0	
1580 SPECTACLED EIDER	0	1	0		0	
1600 COMMON EIDER	427	332	21	6	1	+
1620 KING EIDER	0	10	1	10	0	
1650 WHITE WING SCOTER	34	49	1	2	0	
1660 SURF SCOTER	3	2	1	50	0	
1670 RUDDY DUCK	257	104	3	3	0	
1690 LESSER SNOW GOOSE	5,226	9,752	1,518	16	215	2
1691 BLUE GOOSE	2,376	4,941	488	10	67	1
1695 SNOW X BLUE HYBRID	4	26	2	8	0	
1696 SNOW X CAN HYBRID	0	2	1	50	0	
1699 GREATER SNOW GOOSE	340	266	17	6	0	
1700 ROSS GOOSE	16	860	146	17	0	
1710 WHITE FRONT GOOSE	1,412	5,138	650	13	295	6
1711 BLUE X WH FRONT HY	0	1	0		0	
1720 CANADA GOOSE	50,298	64,104	11,042	17	1,083	2
1721 ALEUT CANADA GOOSE	385	211	23	11	4	2
1727 CACKLING GOOSE	815	603	63	10	1	+
1729 SMALL CAN GOOSE	623	5,398	652	12	50	1

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
1730 BRANT	2,006	209	18	9	4	2
1740 BLACK BRANT	525	1,397	60	4	29	2
1752 HAWAIIAN GOOSE	1	4	0		0	
1760 EMPEROR GOOSE	289	2	1	50	0	
1770 BLK BELL TREE DUCK	109	52	1	2	0	
1780 FULVOUS TREE DUCK	7	24	0		0	
1782 MUTE SWAN	2	62	13	21	0	
1800 WHISTLING SWAN	184	414	35	8	4	1
1810 TRUMPETER SWAN	62	119	10	8	1	1
1820 AMERICAN FLAMINGO	0	692	24	3	0	
1830 ROSEATE SPOONBILL	109	0	0		0	
1840 WHITE IBIS	285	10	0		0	
1860 GLOSSY IBIS	71	231	1	+	0	
1870 WHITE FACED IBIS	342	173	3	2	0	
1880 WOOD IBIS	13	99	0		0	
1900 AMERICAN BITTERN	10	10	1	10	0	
1910 EAST LEAST BITTERN	43	14	0		0	
1940 GREAT BLUE HERON	238	928	65	7	0	
1960 COMMON EGRET	434	412	8	2	0	
1970 SNOWY EGRET	683	1,234	13	1	0	
1980 REDDISH EGRET	50	312	6	2	0	
1990 LOUISIANA HERON	468	322	2	1	0	
2000 LITTLE BLUE HERON	428	1,049	7	1	0	
2001 CATTLE EGRET	693	251	2	1	0	
2010 GREEN HERON	185	34	2	6	0	
2020 BLK CROWN NT HERON	1,134	2,416	37	2	0	
2030 YEL CROWN NT HERON	44	56	0		0	
2040 WHOOPING CRANE	11	4	1	25	0	
2050 GR SANDHILL CRANE	145	47	3	6	0	
2060 SANDHILL CRANE	1,018	183	23	13	0	
2080 KING RAIL	0	5	0		0	
2110 CLAPPER RAIL	5	758	15	2	3	+
2120 VIRGINIA RAIL	13	149	0		0	

ALL HOW OBTAINED

CODES EXCEPT

HOW OBTAINED

89 AND 99

CODE 89

NUMBER BANDED

SPECIES	1980	1976	NUMBER	%	NUMBER	%
2140 SORA	18	144	0	0	0	0
2150 YELLOW RAIL	10	0	0	0	0	0
2160 BLACK RAIL	0	2	0	0	0	0
2180 PURPLE GALLINULE	4	16	0	0	0	0
2190 COMMON GALLINULE	43	74	1	1	0	0
2210 AMERICAN COOT	1,355	2,909	114	4	2	+
2220 RED PHALAROPE	31	231	0	0	0	0
2230 NORTHERN PHALAROPE	114	403	0	0	0	0
2240 WILSONS PHALAROPE	148	86	0	0	0	0
2250 AMERICAN AVOCET	1	32	0	0	0	0
2260 BLACK NECKED STILT	101	5	0	0	0	0
2280 AMERICAN WOODCOCK	2,175	2,279	92	4	0	0
2300 COMMON SNIPES	336	416	8	2	0	0
2310 SHRT BIL DOWITCHER	327	163	0	0	0	0
2320 LRG BIL DOWITCHER	20	51	0	0	0	0
2321 DOWITCHER SP.	9	9	0	0	0	0
2330 STILT SANDPIPER	139	202	0	0	0	0
2340 KNOT	832	110	4	4	0	0
2350 PURPLE SANDPIPER	1	2	0	0	0	0
2356 ROCK SANDPIPER	23	0	0	0	0	0
2390 PECTORAL SANDPIPER	410	391	2	1	0	0
2400 WHT RUMP SANDPIPER	493	704	1	+	1	+
2410 BAIRDS SANDPIPER	97	97	0	0	0	0
2420 LEAST SANDPIPER	2,346	2,444	0	0	0	0
2430 DUNLIN	916	1,124	2	+	0	0
2460 SEMIFAL SANDPIPER	6,511	16,932	62	+	14	+
2467 UNIDENT SANDPIPER	6	109	1	1	0	0
2470 WESTERN SANDPIPER	4,570	1,435	1	+	0	0
2480 SANDERLING	169	262	0	0	0	0
2490 MARBLED GODWIT	25	7	0	0	0	0
2510 HUDSONIAN GODWIT	2	8	0	0	0	0
2540 GREATER YELLOWLEGS	22	19	0	0	0	0
2550 LESSER YELLOWLEGS	233	453	0	0	0	0

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
2560 SOLITARY SANDPIPER	75	74	0		0	
2580 WILLET	48	115	1	1	0	
2590 WANDERING TATTLER	3	1	0		0	
2610 UPLAND PLOVER	35	78	1	1	0	
2620 BUFF BR SANDPIPER	33	19	0		0	
2630 SPOTTED SANDPIPER	428	416	0		0	
2640 LONG BILLED CURLEW	1	29	0		0	
2650 WHIMBREL	5	27	0		0	
2700 BLK BELLIED PLOVER	48	70	0		0	
2720 AM GOLDEN PLOVER	75	26	0		0	
2730 KILLDEER	426	459	1	+	0	
2740 SEMIPALMATE PLOVER	231	485	2	+	0	
2750 RINGED PLOVER	4	0	0		0	
2770 PIPING PLOVER	83	186	1	1	0	
2780 SNOWY PLOVER	276	42	0		0	
2800 WILSONS PLOVER	74	2	0		0	
2810 MOUNTAIN PLOVER	2	19	0		0	
2820 SURFBIRD	0	1	0		0	
2830 RUDDY TURNSTONE	284	135	3	2	0	
2840 BLACK TURNSTONE	0	20	0		0	
2860 AM OYSTERCATCHER	68	28	0		0	
2870 BLK OYSTERCATCHER	17	45	0		0	
2910 MASKED BOBWHITE	0	94	0		0	
3120 BAND TAILED PIGEON	357	6,120	111	2	14	+
3131 ROCK DOVE	7	7	0		0	
3140 WHITE CROWN PIGEON	3	368	19	5	0	
3151 SPOTTED DOVE	166	1	0		0	
3152 RINGED TURTLE DOVE	41	102	0		0	
3156 BARRED DOVE	15	11	0		0	
3159 UNIDENT DOVE	0	4	0		0	
3160 MOURNING DOVE	9,431	24,684	856	3	6	+
3170 ZENAIDA DOVE	26	59	1	2	0	
3180 WHITE FRONTED DOVE	3	27	1	4	0	

SPECIES	ALL HOW OBTAINED CODES EXCEPT NUMBER Banded		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%
3181 WH-BELLIED DOVE	1	0	0	0
3190 WHITE WINGED DOVE	4,095	1,704	81	5
3200 GROUND DOVE	185	263	2	1
3210 INCA DOVE	473	190	3	2
3221 RUDDY QUAIL DOVE	0	5	0	0
3250 TURKEY VULTURE	22	62	3	5
3260 BLACK VULTURE	27	159	1	1
3280 WHITE TAILED KITE	5	24	1	4
3290 MISSISSIPPI KITE	21	43	2	5
3300 EVERGLADE KITE	2	5	0	0
3310 MARSH HAWK	550	326	5	2
3320 SHARP SHINNED HAWK	11,499	11,760	77	1
3330 COOPERS HAWK	984	550	9	2
3340 GOSHAWK	370	362	10	3
3350 HARRIS HAWK	136	183	3	2
3370 RED TAILED HAWK	3,369	3,437	133	4
3376 HARLAN'S HAWK	12	0	0	0
3390 RED SHOULDER HAWK	370	421	9	2
3400 ZONE TAILED HAWK	0	1	0	0
3420 SWAINSONS HAWK	268	497	13	3
3430 BROAD WINGED HAWK	268	204	2	1
3450 BLACK HAWK	0	9	0	0
3460 GRAY HAWK	1	30	4	13
3470 ROUGH LEGGED HAWK	85	45	2	4
3480 FERRUGINOUS HAWK	293	486	13	3
3490 GOLDEN EAGLE	204	208	21	10
3520 BALD EAGLE	750	439	41	9
3547 GYRFALCON	2	26	1	4
3550 PRAIRIE FALCON	451	892	27	3
3560 PEREGRINE FALCON	615	228	9	4
3570 PIGEON HAWK	595	454	15	3
3600 SPARROW HAWK	5,282	5,999	102	2
3620 CARACARA	1	4	1	25

SPECIES	ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	NUMBER BANDED	NUMBER	%	NUMBER
1980	1976			
3640 OSPREY	824	994	31	3
3650 BARN OWL	1,045	562	25	4
3660 LONG EARED OWL	551	352	4	1
3670 SHORT EARED OWL	9	17	0	0
3680 BARRED OWL	116	83	7	8
3690 SPOTTED OWL	8	5	1	20
3700 GREAT GRAY OWL	130	18	2	11
3710 BOREAL OWL	3	36	0	0
3720 SAW WHET OWL	1,336	996	5	1
3730 SCREECH OWL	669	606	15	2
3740 FLAMMULATED OWL	8	11	0	0
3750 GREAT HORNED OWL	665	1,098	73	7
3760 SNOWY OWL	23	59	4	7
3770 HAWK OWL	28	10	0	0
3780 BURROWING OWL	89	87	3	3
3790 PYGMY OWL	1	0	0	0
3810 ELF OWL	36	0	0	0
3830 SMOOTH BILLED ANI	0	2	0	0
3840 GROOVE BILLED ANI	4	0	0	0
3850 ROADRUNNER	22	6	0	0
3860 MANGROVE CUCKOO	0	3	0	0
3870 YELLOW BILL CUCKOO	354	136	1	1
3880 BLACK BILL CUCKOO	182	181	2	1
3900 BELTED KINGFISHER	158	121	1	1
3930 HAIRY WOODPECKER	605	594	1	+
3940 DOWNY WOODPECKER	3,130	2,670	4	+
3950 RED COCKADED WDPKR	525	127	0	0
3960 LADDER BACK WDPKR	12	6	0	0
3970 NUTTALL WOODPECKER	18	8	0	0
3980 ARIZONA WOODPECKER	1	0	0	0
3990 WHITE H WOODPECKER	13	11	0	0
4000 BLK BACK 3 TOE WDP	4	0	0	0
4020 YEL BEL SAPSUCKER	370	667	3	+

ALL HOW OBTAINED
CODES EXCEPT
89 AND 99

ALL HOW OBTAINED
CODES EXCEPT
89 AND 99

SPECIES	1980	1976	NUMBER	%	NUMBER	%
4029 RED NAPE SAPSUCKER	7	58	0	0	0	0
4030 RED BR SAPSUCKER	8	33	0	0	0	0
4040 WMS SAPSUCKER	12	35	0	0	0	0
4050 PILEATED WOODPECKER	37	65	0	0	0	0
4060 RED HD WOODPECKER	167	230	0	0	0	0
4070 ACORN WOODPECKER	125	167	0	0	0	0
4080 LEWIS WOODPECKER	0	5	0	0	0	0
4090 RED BEL WOODPECKER	447	379	2	1	0	0
4100 GOLD FR WOODPECKER	2	0	0	0	0	0
4110 GILA WOODPECKER	104	51	0	0	0	0
4120 YELL SHAFT FLICKER	1,301	1,237	4	+	0	0
4123 FLICKER HYBRID	12	16	0	0	0	0
4130 RED SHAFT FLICKER	91	137	0	0	0	0
4140 GILDED FLICKER	18	5	0	0	0	0
4160 CHUCK WILLS WIDOW	15	7	0	0	0	0
4170 WHIP POOR WILL	46	55	0	0	0	0
4180 POOR WILL	9	13	0	0	0	0
4190 PAUUAQUE	1	0	0	0	0	0
4200 COMMON NIGHTHAWK	38	50	0	0	0	0
4230 CHIMNEY SWIFT	324	619	0	0	0	0
4240 VAUXS SWIFT	2	8	0	0	0	0
4250 WHITE THROAT SWIFT	0	17	0	0	0	0
4260 RIVOLI HUMMINGBIRD	0	1	0	0	0	0
4280 RUBY THR HUMMINGBIRD	483	535	0	0	0	0
4290 BL CHIN HUMMINGBIRD	102	53	0	0	0	0
4300 COSTAS HUMMINGBIRD	7	3	0	0	0	0
4310 ANNAS HUMMINGBIRD	83	159	0	0	0	0
4320 BROAD T HUMMINGBIRD	159	37	1	3	0	0
4330 RUFOUS HUMMINGBIRD	182	60	0	0	0	0
4340 ALLENS HUMMINGBIRD	174	154	0	0	0	0
4360 CALLIOPE HUMMINGBIRD	17	1	0	0	0	0
4409 UNIOFD HUMMINGBIRD	151	7	0	0	0	0
4410 BROAD BIL HUMMINGBIRD	2	3	0	0	0	0

ALL HOW OBTAINED
CODES EXCEPT
NUMBER BANNED

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

SPECIES	1980	1976	NUMBER	%	NUMBER	%
4430 SCISSOR T FLYCATCHER	43	37	1	3	0	0
4440 EASTERN KINGBIRD	453	296	1	+	0	0
4450 GRAY KINGBIRD	4	0	0		0	0
4460 TROPICAL KINGBIRD	1	1	0		0	0
4470 WESTERN KINGBIRD	126	42	0		0	0
4480 CASSINS KINGBIRD	18	4	0		0	0
4490 KISKADEE FLYCATCHER	4	0	0		0	0
4520 GR CR FLYCATCHER	441	502	0		0	0
4530 WIED CR FLYCATCHER	29	0	0		0	0
4540 ASH THR FLYCATCHER	71	22	0		0	0
4560 EASTERN PHOEBE	1,325	1,567	1	+	0	0
4570 SAYS PHOEBE	50	24	0		0	0
4580 BLACK PHOEBE	28	316	0		0	0
4590 OLIVE S FLYCATCHER	46	42	0		0	0
4600 COUES FLYCATCHER	1	0	0		0	0
4610 EASTERN WOOD PEWEE	853	666	0		0	0
4620 WESTERN WOOD PEWEE	130	150	0		0	0
4630 YEL BEL FLYCATCHER	1,324	1,180	1	+	0	0
4640 WESTERN FLYCATCHER	307	404	0		0	0
4650 ACADIAN FLYCATCHER	415	387	0		0	0
4660 TRAILLS FLYCATCHER	1,391	1,127	1	+	0	0
4663 ALDER FLYCATCHER	26	15	0		0	0
4664 WILLOW FLYCATCHER	54	42	0		0	0
4670 LEAST FLYCATCHER	2,837	3,393	0		0	0
4679 UNIDENT EMPIDONAX	29	45	0		0	0
4680 HAMMOND FLYCATCHER	63	22	0		0	0
4690 DUSKY FLYCATCHER	91	234	0		0	0
4691 GRAY FLYCATCHER	15	23	0		0	0
4710 VERMILION FLYCATCH	5	2	0		0	0
4740 HORNED LARK	115	509	1	+	0	0
4750 BLACK BILL MAGPIE	765	105	1	1	0	0
4760 YELLOW BILL MAGPIE	1	1	0		0	0
4770 BLUE JAY	12,672	12,482	126	1	8	+

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

NUMBER BANDED

SPECIES	1980	1976	NUMBER	%	NUMBER	%
4780 STELLERS JAY	119	325	3	1	0	
4810 SCRUB JAY	272	600	9	1	0	
4820 MEXICAN JAY	101	32	1	3	0	
4830 GREEN JAY	0	1	0		0	
4840 GRAY JAY	126	142	0		0	
4860 COMMON RAVEN	640	367	8	2	0	
4870 WHITE NECKED RAVEN	86	1	0		0	
4880 COMMON CROW	162	72	6	8	0	
4890 NORTHWESTERN CROW	78	11	2	18	0	
4900 FISH CROW	5	9	1	11	0	
4910 CLARKS NUTCRACKER	12	8	0		0	
4920 PINON JAY	34	161	0		0	
4930 STARLING	7,725	9,549	96	1	1	+
4932 INDIAN MYNA	1	0	0		0	
4933 JAPANESE WHITE-EYE	75	65	1	2	0	
4940 BOBOLINK	303	153	0		0	
4950 BROWN HEAD COWBIRD	9,596	18,617	106	1	38	+
4960 BRONZED COWBIRD	182	5	0		0	
4970 YEL HEAD BLACKBIRD	876	565	4	1	0	
4980 REDWING BLACKBIRD	13,851	15,327	55	+	25	+
4982 YEL-SH BLACKBIRD	7	3	0		0	
5000 TRICOLOR BLACKBIRD	7	11	0		0	
5010 EASTERN MEADOWLARK	152	156	1	1	0	
5011 WESTERN MEADOWLARK	82	31	0		0	
5030 BLACK HEAD ORIOLE	3	0	0		0	
5032 SPOTTED BR ORIOLE	1	10	1	10	0	
5040 SCOTTS ORIOLE	23	2	0		0	
5050 HOODED ORIOLE	18	34	0		0	
5060 ORCHARD ORIOLE	124	175	0		0	
5070 BALTIMORE ORIOLE	2,022	2,537	2	+	0	
5078 BALXBUL ORIOLE HYE	18	0	0		0	
5080 BULLOCKS ORIOLE	313	181	0		0	
5090 RUSTY BLACKBIRD	131	179	0		0	

SPECIES	NUMBER BANNED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
5100 BREWERS BLACKBIRD	391	384	6	2	0	
5110 GRACKLE, PURP/FLA	12,637	16,959	289	2	5	+
5130 BOAT TAIL GRACKLE	216	35	0		0	
5139 GREAT-TAIL GRACKLE	29	724	17	2	0	
5140 EVENING GROSBEAK	13,963	23,800	128	1	114	+
5150 PINE GROSBEAK	20	13	0		0	
5170 PURPLE FINCH	15,657	15,193	44	+	13	+
5180 CASSINS FINCH	644	743	0		0	
5190 HOUSE FINCH	22,194	10,975	44	+	29	+
5210 RED CROSSBILL	35	191	0		0	
5220 WHT WING CROSSBILL	3	78	0		0	
5240 GRAY CR ROSY FINCH	152	174	3	2	0	
5260 BR CAP ROSY FINCH	0	27	0		0	
5270 HOARY REDPOLL	30	215	0		0	
5275 UNIDENT REDPOLL	48	2	0		0	
5280 COMMON REDPOLL	162	11,798	12	+	1	+
5290 AMERICAN GOLDFINCH	34,530	19,750	35	+	66	+
5300 LESSER GOLDFINCH	207	328	0		0	
5310 LAWRENCE GOLDFINCH	29	8	0		0	
5330 PINE SISKIN	4,982	8,693	14	+	3	+
5340 SNOW BUNTING	788	863	4	+	0	
5350 MCKAYS BUNTING	1	11	0		0	
5360 LAPLAND LONGSPUR	275	430	0		0	
5370 SMITHS LONGSPUR	3	14	0		0	
5380 CHEST COL LONGSPUR	78	0	0		0	
5390 MCCOWNS LONGSPUR	1	15	0		0	
5400 VESPER SPARROW	399	415	0		0	
5410 IPSWICH SPARROW	2	491	0		1	+
5420 SAVANNAH SPARROW	1,790	3,407	2	+	0	
5430 BELDINGS SAV SPAR	85	2	0		0	
5450 BAIRDS SPARROW	3	1	0		0	
5460 GRASSHOPPER SPAR	100	78	0		0	
5470 HENSLOWS SPARROW	10	19	0		0	

SPECIES	ALL HOW OBTAINED		CODES EXCEPT		HOW OBTAINED	
	NUMBER BANDED	89 AND 99	CODE 89			
SPECIES	1980	1976	NUMBER	%	NUMBER	%
5480 LE CONTES SPARROW	27	6	0		0	
5490 SHARP TAIL SPARROW	377	284	0		2	1
5500 SEASIDE SPARROW	362	144	0		0	
5511 CAPE SABLE SPARROW	0	4	0		0	
5520 LARK SPARROW	117	58	1	2	0	
5530 HARRIS SPARROW	1,086	1,808	3	+	0	
5540 WHITE CROWNED SPAR	4,047	4,905	5	+	2	+
5546 MTN WH-CROWN SPAR	57	385	0		0	
5547 PUGET S SPARROW	283	412	0		0	
5548 NUTTALLS SPARROW	441	539	0		0	
5549 GAMBELS SPARROW	3,888	7,011	3	+	0	
5570 GOLDEN CR SPARROW	917	1,531	0		0	
5580 WHITE THR SPARROW	23,786	30,165	25	+	6	+
5581 CURACAO SPARROW	0	2	0		0	
5590 TREE SPARROW	4,863	13,073	17	+	4	+
5600 CHIPPING SPARROW	4,125	4,256	5	+	0	
5610 CLAY COLOR SPARROW	213	416	0		0	
5620 BREWERS SPARROW	247	188	0		0	
5630 FIELD SPARROW	3,129	3,873	3	+	0	
5650 BLACK CHIN SPARROW	0	2	0		0	
5660 WHITE WINGED JUNCO	239	256	1	+	0	
5670 SLATE COLOR JUNCO	25,063	38,681	41	+	7	+
5677 UNIDENTIFIED JUNCO	757	74	0		0	
5678 SHUFELDT'S JUNCO	3	0	0		0	
5679 OREGON JUNCO	2,597	3,643	6	+	0	
5700 MEXICAN JUNCO	7	58	1	2	0	
5708 GRAY HEADED JUNCO	525	383	0		0	
5730 BLACK THR SPARROW	103	25	0		0	
5740 SAGE SPARROW	165	53	0		0	
5750 BACHMANS SPARROW	4	5	0		0	
5770 FIVE-STRIP SPARROW	0	1	0		0	
5780 CASSINS SPARROW	51	0	0		0	
5790 RUFOUS WINGED SPAR	2	6	0		0	

		ALL HOW OBTAINED		HOW OBTAINED	
		CODES EXCEPT		CODE 89	
		89 AND 99			
		NUMBER BANDED			
SPECIES	NUMBER	1980	1976	NUMBER	%
5800 RUFOUS CROWN SPAR	28	16	0	0	
5810 SONG SPARROW	11,355	14,274	6	2	+
5830 LINCOLNS SPARROW	2,163	2,889	0	0	
5840 SWAMP SPARROW	2,190	4,454	0	1	+
5850 FOX SPARROW	1,478	2,367	4	1	+
5860 OLIVE SPARROW	19	4	0	0	
5870 RUFOUS SIDE TOWHEE	2,498	2,594	3	0	+
5880 SPOTTED TOWHEE	453	369	0	1	+
5910 BROWN TOWHEE	236	273	2	0	
5920 ABERTS TOWHEE	65	17	0	0	
5921 GREEN TAIL TOWHEE	166	230	0	0	
5922 BRAZILIAN CARDINAL	23	1	0	0	
5930 CARDINAL	9,985	9,442	43	2	+
5940 PYRRHULOXIA	45	29	0	0	
5950 ROSE BR GROSBEAK	2,925	2,730	7	1	+
5956 HYBRID GROSEBEAK	3	0	0	0	
5960 BLK HEAD GROSEBEAK	184	330	0	0	
5970 BLUE GROSEBEAK	114	55	0	0	
5980 INDIGO BUNTING	3,297	3,188	2	0	+
5989 INDXLAZ BUNTING HY	0	4	0	1	25
5990 LAZULI BUNTING	341	276	1	0	+
6000 VARIED BUNTING	2	2	0	0	
6010 PAINTED BUNTING	118	285	0	0	
6030 BLK FACE GRASSQUIT	15	48	0	0	
6040 DICKCISSEL	51	27	0	0	
6050 LARK BUNTING	70	37	0	0	
6070 WESTERN Tanager	237	276	0	0	
6080 SCARLET Tanager	627	784	1	0	+
6100 SUMMER Tanager	113	200	0	0	
6110 PURPLE MARTIN	4,904	4,328	26	3	+
6120 CLIFF SWALLOW	1,263	2,013	0	1	+
6121 CAVE SWALLOW	44	0	0	0	
6130 BARN SWALLOW	4,236	5,426	4	0	+

SPECIES	ALL HOW OBTAINED		CODES EXCEPT		HOW OBTAINED	
	NUMBER BANDED	89 AND 99	NUMBER	%	NUMBER	%
6140 TREE SWALLOW	11,262	9,834	34	+	2	+
6150 VIOLET GRN SWALLOW	87	77	0		0	
6160 BANK SWALLOW	4,840	2,219	1	+	0	
6170 ROUGH WING SWALLOW	206	62	0		0	
6180 BOHEMIAN WAXWING	185	149	0		0	
6190 CEDAR WAXWING	3,510	3,344	5	+	0	
6200 PHAINOPEPLA	7	2	0		0	
6210 NORTHERN SHRIKE	20	121	0		0	
6220 LOGGERHEAD SHRIKE	315	213	0		0	
6230 BLK WHISKER VIREO	9	34	0		0	
6240 RED EYED VIREO	4,014	5,606	0		0	
6250 YELLOW GREEN VIREO	12	0	0		0	
6260 PHILADELPHIA VIREO	449	676	0		0	
6270 WARBLING VIREO	555	1,226	1	+	0	
6280 YELLOW THR VIREO	101	81	0		0	
6290 SOLITARY VIREO	587	853	1	+	0	
6310 WHITE EYED VIREO	965	1,058	0		1	+
6320 HUTTONS VIREO	84	50	0		0	
6330 BELLS VIREO	197	42	0		0	
6340 GRAY VIREO	13	0	0		0	
6350 BAHAMA HON CREEPER	16	106	0		0	
6351 APAPANE	50	49	0		0	
6353 IIWI	0	25	0		0	
6354 AMAKIHI	217	64	0		0	
6356 CREEPER	0	7	0		0	
6358 LAYSAN-NIHOA FINCH	3	0	0		0	
6359 PALILA	4	0	0		0	
6360 BLK AND WHITE WARB	3,198	2,714	1	+	1	+
6362 AKIAPOLA'AU	0	4	0		0	
6370 PROTHONOTARY WARB	111	152	0		0	
6380 SWAINSONS WARBLER	19	50	0		0	
6390 WORM EATING WARBLR	205	171	0		0	
6410 BLUE WING WARBLER	370	406	0		0	

SPECIES	ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	NUMBER	%	NUMBER	%
1980	1976			
6412 BREWSTERS WARBLER	9	5	0	0
6413 LAWRENCE'S WARBLER	3	3	0	0
6420 GOLDEN WING WARBLER	150	205	0	0
6430 LUCY'S WARBLER	56	14	0	0
6440 VIRGINIA'S WARBLER	23	44	0	0
6450 NASHVILLE WARBLER	2,657	3,257	0	0
6460 ORANGE CR WARBLER	1,245	1,238	0	0
6470 TENNESSEE WARBLER	5,715	8,267	2	+
6480 PARULA WARBLER	660	524	0	0
6490 OLIVE BACK WARBLER	1	0	0	0
6500 CAPE MAY WARBLER	3,120	2,817	2	+
6510 OLIVE WARBLER	1	1	0	0
6520 YELLOW WARBLER	3,374	3,218	1	+
6540 BLK THR BLUE WARBLER	2,557	2,238	1	+
6550 MYRTLE WARBLER	25,407	22,807	12	+
6556 AUD X MYRTLE WARBLER	1	39	0	0
6560 AUDUBON'S WARBLER	727	700	2	+
6570 MAGNOLIA WARBLER	6,321	6,255	2	+
6580 CERULEAN WARBLER	24	25	0	0
6590 CHESTNUT SIDE WARBLER	1,194	1,504	0	1
6600 BAY BREAST WARBLER	2,857	3,406	0	0
6610 BLACKPOLL WARBLER	3,109	3,712	1	+
6620 BLACKBURNIAN WARBLER	771	733	0	0
6630 YELLOW THR WARBLER	44	43	0	0
6634 SUTTONS WARBLER	1	0	0	0
6640 GRACES WARBLER	1	3	0	0
6650 BLK THR GR WARBLER	19	21	0	0
6670 BLK THR GN WARBLER	1,357	1,369	0	0
6680 TOWNSENDS WARBLER	117	101	0	0
6689 HERMIT X TOWNSENDS	0	1	0	0
6690 HERMIT WARBLER	24	23	0	0
6700 KIRTLANDS WARBLER	29	104	0	3
6710 PINE WARBLER	198	402	1	+

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
6720 WEST PALM WARBLER	949	951	0		0	
6729 YELL PALM WARBLER	875	258	0		0	
6730 PRAIRIE WARELER	268	338	0		0	
6740 OVENBIRD	4,714	4,894	1	+	0	
6750 NO WATERTHRUSH	2,385	2,604	0		1	+
6760 LA WATERTHRUSH	141	143	0		0	
6770 KENTUCKY WARBLER	358	278	0		0	
6780 CONNECTICUT WARBLR	186	210	1	+	0	
6790 MOURNING WARBLER	681	850	0		0	
6800 MACGILLIVRAYS WARB	134	266	0		0	
6810 YELLOWTHROAT	9,948	9,266	9	+	2	+
6821 GROUND CHAT	0	1	0		0	
6830 YELLOW BR CHAT	615	548	0		0	
6840 HOODED WARBLER	386	462	0		0	
6850 WILSONS WARBLER	2,119	2,234	1	+	1	+
6860 CANADA WARBLER	2,360	2,234	0		0	
6870 AMERICAN REDSTART	6,971	8,658	3	+	0	
6880 PAINTED REDSTART	1	0	0		0	
6881 FAN-TAIL WARBLER	0	1	0		0	
6882 HOUSE SPARROW	11,878	13,997	36	+	0	
6883 EUR TREE SPARROW	43	0	0		0	
6884 RICEBIRD	3	1	0		0	
6900 RED FACED WARBLER	0	10	0		0	
6960 YELLOW WAGTAIL	0	33	0		0	
6970 WATER PIPIT	14	12	0		0	
7000 SPRAGUES PIFIT	2	0	0		0	
7010 DIPPER	16	189	1	1	0	
7020 SAGE THRASHER	44	15	0		0	
7030 MOCKINGBIRD	1,068	1,090	13	1	0	
7040 CATBIRD	15,982	15,420	20	+	5	+
7050 BROWN THRASHER	1,950	2,269	16	1	2	+
7060 LONG BILL THRASHER	8	0	0		0	
7070 CURVE BIL THRASHER	173	85	0		0	

NUMBER ENCOUNTERS *76-BANDED*
BIRDS PROCESSED THRU AUG *81

SPECIES	ALL HOW OBTAINED		CODES EXCEPT		HOW OBTAINED	
	NUMBER BANDED	1976	89 AND 99		CODE 89	
	1980		NUMBER	%	NUMBER	%
7080 BENDIRES THRASHER	3	3	0		0	
7100 CALIF THRASHER	16	45	1	2	0	
7120 CRISSAL THRASHER	4	3	0		0	
7130 CACTUS WREN	70	22	0		0	
7150 ROCK WREN	12	11	0		0	
7170 CANON WREN	9	5	0		0	
7180 CAROLINA WREN	742	1,326	3	+	0	
7190 BEWICKS WREN	251	226	0		0	
7210 HOUSE WREN	4,145	3,822	3	+	0	
7220 WINTER WREN	409	951	2	+	0	
7240 SHORT BILL M WREN	33	40	0		0	
7250 LONG BILL MSH WREN	230	268	0		0	
7260 BROWN CREEPER	2,007	2,286	0		0	
7261 RED-BILL LAIOTHRIX	47	62	0		0	
7270 WHITE BR NUTHATCH	1,676	1,514	3	+	0	
7280 RED BR NUTHATCH	1,243	1,288	0		0	
7290 BRN HEAD NUTHATCH	4	26	0		0	
7300 PIGMY NUTHATCH	24	296	0		0	
7310 TUFTED TITMOUSE	3,363	2,561	10	+	0	
7320 BLACK CR TITMOUSE	20	21	0		0	
7330 PLAIN TITMOUSE	89	119	0		0	
7340 BRIDLED TITMOUSE	33	3	0		0	
7350 BLK CAP CHICKADEE	15,683	12,055	20	+	6	+
7355 UNIDENT CHICKADEE	2	3	0		0	
7360 CAROLINA CHICKADEE	2,628	1,589	3	+	0	
7380 MOUNTAIN CHICKADEE	868	1,391	0		0	
7390 GRAY HD CHICKADEE	0	1	0		0	
7400 BOREAL CHICKADEE	116	62	0		0	
7410 CHEST B CHICKADEE	236	252	0		0	
7420 WRENTIT	283	250	1	+	0	
7421 RED WHISKER BULBUL	3	3	0		0	
7422 RED-VENTED BULBUL	1	1	0		0	
7430 COMMON BUSHITIT	232	309	0		0	

SPECIES	NUMBER BANDED		ALL HOW OBTAINED CODES EXCEPT 89 AND 99		HOW OBTAINED CODE 89	
	1980	1976	NUMBER	%	NUMBER	%
7450 BLACK EAR BLSHTIT	1	0	0		0	
7460 VERDIN	51	18	0		0	
7470 ARCTIC WARBLER	2	0	0		0	
7474 ELEPAIO	19	42	0		0	
7480 GOLDEN CR KINGLET	3,394	6,029	0		0	
7490 RUBY CROWN KINGLET	7,220	13,021	3	+	2	+
7510 BLU GRAY GNATCATCH	282	212	1	+	0	
7520 BLK TAIL GNATCATCH	5	0	0		0	
7540 TOWNSEND SOLITAIRE	49	18	0		0	
7550 WOOD THRUSH	2,929	2,705	7	+	0	
7560 VEERY	2,502	2,654	1	+	1	+
7570 GRAY CHEEK THRUSH	1,570	2,397	0		0	
7580 SHAINSONS THRUSH	9,589	10,158	8	+	0	
7590 HERMIT THRUSH	3,615	5,659	4	+	0	
7610 ROBIN	9,437	9,769	54	1	0	
7613 RUFOUS-BACK ROBIN	0	1	0		0	
7615 CLAY-COLORED ROBIN	0	10	0		0	
7621 HAWAIIAN THRUSH	8	26	0		0	
7630 VARIED THRUSH	51	119	1	1	0	
7650 WHEATEAR	2	0	0		0	
7660 EASTERN BLUEBIRD	4,908	5,046	16	+	0	
7670 WESTERN BLUEBIRD	250	206	2	1	0	
7680 MOUNTAIN BLUEBIRD	1,873	1,500	8	1	0	
8045 P R SCREECH OWL	1	0	0		0	
8066 JAMAN MANGO HUMMER	1	17	0		0	
8071 STREAMER T HUMMBRD	32	101	0		0	
8093 STOLID FLYCATCHER	0	4	0		0	
8096 LESS ANTIL FEWEE	1	0	0		0	
8097 GREAT ANTIL FEWEE	0	3	0		0	
8113 BAHAMA MOCKINGBIRD	22	2	0		0	
8115 PEARL-EYE THRASHER	123	0	0		0	
8124 RED LEGGED THRUSH	1	5	0		0	
8130 THICK BILL VIREO	5	20	0		0	

ALL HOW OBTAINED

CODES EXCEPT
89 AND 99HOW OBTAINED
CODE 89

NUMBER BANDED

SPECIES	1980	1976	NUMBER	%	NUMBER	%
8138 OLIVE CAP WARBLER	1	7	0		0	
8145 BAHAMA YELLOW THR	3	13	0		0	
8151 ORANGEQUIT	0	2	0		0	
8155 STRIPED-HD TANAGER	13	26	0		0	
8159 P RICAN TANAGER	1	0	0		0	
8161 GLOSSY COWBIRD	540	0	0		0	
8162 GR ANTILN GRACKLE	106	0	0		0	
8178 GR ANT BULLFINCH	0	19	0		0	
8179 P R BULLFINCH	6	0	0		0	
8190 ORANGE CHKD WAXBIL	2	0	0		0	
8518 WANDERING ALBATROS	0	9	0		0	
8522 GRAY HEAD ALBATROS	0	15	0		0	
8524 L-M SOOTY ALBATROS	0	2	0		0	
8525 GIANT PETREL	291	60	1	2	0	
8541 BLUE EYED CORMORAN	174	0	0		0	
8543 SHEATHBILL	4	14	0		0	
8545 SOUTH POLAR SKUA	485	43	4	9	0	
8546 S BLK BACKED GULL	63	55	1	2	0	
8548 ANTARCTIC TERN	8	14	0		0	
8552 S POLAR X BRN SKUA	3	9	1	11	0	
8553 NOR GIANT PETREL	0	50	0		0	
8554 BROWN SKUA	19	14	1	7	0	
TOTALS:	1,066,644	1,185,229	43,940	4	4,125	+