



# *Western Regional News*

***Western Bird Banding Association***

**Founded 1925**

## 1994 ANNUAL REPORT

Thanks to the hard work of Chris Otahal and Coyote Creek Riparian Station and to the cooperation of the reporting banders who sent in their records promptly, the 1994 Annual Report of Banding in the west appears in this issue of *North American Bird Bander*. The 249 banders in this region processed a total of 231,735 birds of 431 species recognized by the Bird Banding Laboratory. The total number of birds is approximately a 25% increase over 1993.

The most striking change in the last decade (comparing 1984 and 1994) is the shift toward larger banding operations. In 1984, only one bander reported more than 10,000 birds, while in 1994, 6 did. The number of banders reporting 1,000 to 10,000 has also increased, although not

as strikingly, from 32 to 44. In 1984, 276 banders processed an average of 536 birds, while in 1994, the average was 928. The availability of computers to handle large amounts of data has facilitated this increase, but programs such as MAPS (monitoring Avian Productivity and Survivorship) and constant effort migration banding have resulted in large increases in the numbers of passerines banded. These programs provide important information about birds.

If funding for the Bird Banding Lab survives in the next federal budget, we can expect to see more valuable data emerge from banding programs. Come to the WBBA meeting in Albuquerque to learn what lies ahead for banding.

### **1995 WBBA Annual Meeting 22-24 September Albuquerque, New Mexico**

**A field trip to Bosque del Apache National Wildlife Refuge on Friday, September 22, will start the weekend. Saturday events will be at the Rio Grande Nature Center. Sunday will feature a visit to a raptor banding station.**

# WBBA ANNUAL REPORT 1994

A summary of banding reported from the WBBA area for 1994 with USFWS/CWS bands.

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Codes in the HIGHEST BANDERS column refer to the list of individuals or institutional banders.

Numbers in ( ) are individual totals.

Upon request we can supply a list of all banders for a species.

The CAN column includes birds banded in AB, BC, YU, and NWT

| NAME                      | AK  | AZ/NM | MX | CAN  | CA    | HI   | ID/MT<br>NV | OR/WA | WY/CO<br>UT | TOTAL | HIGH<br>BANDERS                             |
|---------------------------|-----|-------|----|------|-------|------|-------------|-------|-------------|-------|---|
| EARED GREBE               |     |       |    |      | 1     |      |             |       |             |       | 1 H3(1)                                     |
| BLACK-FOOTED ALBATROSS    |     |       |    |      |       | 1036 |             |       |             | 1036  | H15(1036)                                   |
| LAYSAN ALBATROSS          |     |       |    |      |       | 1871 |             |       |             | 1871  | H15(1871)                                   |
| BONIN PETREL              |     |       |    |      |       | 2435 |             |       |             | 2435  | H15(2435)                                   |
| BULWER'S PETREL           |     |       |    |      |       | 96   |             |       |             | 96    | H15(96)                                     |
| WEDGE-TAILED SHEARWATER   |     |       |    |      |       | 880  |             |       |             | 880   | H15(780),W5(100)                            |
| CHRISTMAS SHEARWATER      |     |       |    |      |       | 39   |             |       |             | 39    | R15(39)                                     |
| FORK-TAILED STORM-PETREL  | 40  |       |    |      |       |      |             |       |             | 40    | A6(40)                                      |
| LEACH'S STORM-PETREL      | 37  |       |    | 101  | 13    |      |             | 656   |             | 807   | O2(656),C15(101),A6(37)                     |
| ASHY STORM-PETREL         |     |       |    |      | 301   |      |             |       |             | 301   | P11(301)                                    |
| TRISTRAM'S STORM-PETEREL  |     |       |    |      |       | 3    |             |       |             | 3     | H15(3)                                      |
| WHITE-TAILED TROPICBIRD   |     |       |    |      |       | 3    |             |       |             | 3     | H15(3)                                      |
| RED-TAILED TROPICBIRD     |     |       |    |      |       | 718  |             |       |             | 718   | H15(718)                                    |
| MASKED BOOBY              |     |       |    |      |       | 251  |             |       |             | 251   | H15(251)                                    |
| BROWN BOOBY               |     |       |    |      |       | 413  |             |       |             | 413   | H15(413)                                    |
| RED-FOOTED BOOBY          |     |       |    |      |       | 654  |             |       |             | 654   | H15(600),W5(54)                             |
| AMERICAN WHITE PELICAN    |     |       |    |      |       |      | 1040        |       | 3           | 1043  | M15(668),S3(372),R7(3)                      |
| DOUBLE-CR. CORMORANT      |     |       |    |      |       |      |             |       | 20          | 20    | R7(20)                                      |
| BRANDT'S CORMORANT        |     |       |    |      | 312   |      |             |       |             | 312   | P11(312)                                    |
| AMERICAN BITTERN          |     |       |    |      | 1     |      |             |       |             | 1     | W7(1)                                       |
| GREAT BLUE HERON          |     |       |    |      |       |      | 1           |       |             | 1     | R1(1)                                       |
| GREAT EGRET               |     |       |    |      | 75    |      |             |       |             | 75    | H3(75)                                      |
| SNOWY EGRET               |     |       |    |      | 205   |      |             |       |             | 205   | H3(205)                                     |
| CATTLE EGRET              |     |       |    |      | 94    |      |             |       |             | 94    | H(3)  |
| BLACK-CR. NIGHT-HERON     |     |       | 45 |      | 89    |      | 3           |       |             | 137   | H3(89),S1(45),R1(3)                         |
| WHITE-FACED IBIS          |     | 30    |    |      |       |      | 121         |       | 10          | 161   | S3(121),S1(30),F5(10)                       |
| TRUMPETER SWAN            | 30  |       |    | 36   |       |      |             |       |             | 66    | B17(36),T1(30)                              |
| WHISTLING SWAN            | 47  |       |    |      |       |      | 1           | 3     |             | 51    | I3(47),N1(4)                                |
| GR. WHITE-FRONTED GOOSE   | 142 |       |    | 3115 |       |      |             |       |             | 3257  | A5(2013),K12(1102),K14(142)                 |
| LESSER SNOW GOOSE         |     |       |    | 811  |       |      |             |       |             | 811   | A5(779),K12(32)                             |
| ROSS' GOOSE               |     |       |    | 2074 |       |      |             |       |             | 2074  | A5(2074)                                    |
| BLACK BRANT               | 2   |       |    |      |       |      |             |       |             | 2     | H16(2)                                      |
| ALEUTIAN CANADA GOOSE     | 150 |       |    |      |       |      |             |       |             | 150   | A6(150)                                     |
| CANADA GOOSE              |     |       |    | 2197 | 80    |      | 1077        | 879   | 1985        | 6218  | A1(1604),A5(1343),K12(854)                  |
| HAWAIIAN GOOSE            |     |       |    |      |       | 15   |             |       |             | 15    | H6(15)                                      |
| WOOD DUCK                 |     |       |    |      | 1017  |      | 242         | 15    | 13          | 1287  | C12(752),S8(218),M16(128)                   |
| AMERICAN BLACK DUCK       |     |       |    | 1    |       |      |             |       |             | 1     | C10(1)                                      |
| MALLARD                   | 44  |       |    | 9412 | 12395 |      | 10412       | 2316  | 3399        | 37978 | C10(9344),C12(9241),<br>M16(7000)           |
| NORTHERN PINTAIL          | 622 |       |    | 2815 | 61    |      | 434         | 13    | 64          | 4009  | C10(2122),C16(655),M16(363)                 |
| BLUE-WINGED TEAL          |     |       |    | 2431 |       |      | 180         | 3     |             | 2614  | C10(2431),B5(94),B1(75)                     |
| CINNAMON TEAL             |     |       |    | 22   | 290   |      | 10          | 141   | 20          | 483   | C12(176),K6(103),S17(103)                   |
| AMER. GR.-WINGED TEAL     | 814 |       |    | 512  |       |      | 285         | 179   | 473         | 2263  | Y2(660),C10(478),B19(310)                   |
| UNIDENTIFIED TEAL SPECIES |     |       |    |      |       |      | 1170        |       | 4           | 1174  | M16(1158),B5(12),B13(4)                     |
| NORTHERN SHOVELER         | 1   |       |    | 7    | 7     |      | 271         | 5     | 13          | 304   | M16(245),B5(26),A1(13)                      |
| GADWALL                   |     |       |    | 207  | 1389  |      | 647         | 24    | 79          | 2346  | K7(858),M16(569),C12(405)                   |
| AMERICAN WIGEON           | 19  |       |    | 293  | 6     |      | 198         | 1     | 12          | 529   | M16(172),C16(164),C10(129)                  |
| CANVASBACK                |     |       |    | 14   | 3     |      | 61          |       | 1           | 79    | R1(46),M16(12),C10(10)                      |
| REDHEAD                   |     |       |    | 696  | 165   |      | 489         | 19    | 53          | 1422  | C10(696),M16(300),B1(108)                   |
| RING-NECKED DUCK          |     |       |    | 1    | 2     |      | 1           | 1     | 10          | 15    | C4(10),M7(1),C12(1),C16(1),<br>C6(1),M16(1) |
| GREATER SCAUP             |     |       |    | 3    |       |      |             |       |             | 3     | C16(3)                                      |
| LESSER SCAUP              |     |       |    | 61   | 17    |      | 73          |       |             | 151   | M16(71),C10(39),C16(22)                     |
| KING EIDER                | 11  |       |    |      |       |      |             |       |             | 11    | H16(10),T5(1)                               |

| NAME                   | AK   | AZ/NM | MX | CAN  | CA   | HI  | ID/MT | OR/WA | WY/CO | TOTAL | HIGH BANDERS                     |
|------------------------|------|-------|----|------|------|-----|-------|-------|-------|-------|----------------------------------|
|                        |      |       |    |      |      |     | NV    |       | UT    |       |                                  |
| SPECTACLED EIDER       | 36   |       |    |      |      |     |       |       |       |       | 36 T5(36)                        |
| STELLER'S EIDER        | 3902 |       |    |      |      |     |       |       |       |       | 3902 I3(3902)                    |
| HARLEQUIN DUCK         |      |       |    |      |      |     | 66    | 32    |       |       | 98 M16(33),M15(33),J2(32)        |
| OLDSQUAW               | 3    |       |    |      |      |     |       |       |       |       | 3 H16(3)                         |
| WHITE-WINGED SCOTER    |      |       |    | 2    |      |     |       |       |       |       | 2 C16(2)                         |
| COMMON GOLDENEYE       | 1    |       |    | 32   |      |     |       |       |       |       | 33 C10(20),C16(12),V2(1)         |
| BARROW'S GOLDENEYE     |      |       |    | 429  |      |     |       |       |       |       | 429 C16(429)                     |
| BUFFLEHEAD             |      |       |    | 15   |      |     |       |       |       |       | 15 C10(15)                       |
| RUDDY DUCK             |      |       |    | 7    | 9    |     | 4     | 5     |       |       | 25 C10(7),C12(6),K6(5)           |
| OSPREY                 |      |       |    | 5    | 1    |     | 107   | 7     |       |       | 120 J1(107),F8(7),P8(5)          |
| BLACK-SHOULDERED KITE  |      |       |    |      | 5    |     |       |       |       |       | 5 F11(5)                         |
| BALD EAGLE             | 43   | 20    |    |      | 6    |     | 49    |       | 18    |       | 136 R3(32),S26(31),A4(20)        |
| NORTHERN HARRIER       | 19   |       |    | 2    | 4    |     |       | 7     |       |       | 32 S14(16),F8(7),S26(3)          |
| SHARP-SHINNED HAWK     | 64   | 6     |    | 13   | 43   |     | 7     | 142   | 4     |       | 279 F8(137),S14(51),P11(14)      |
| COOPER'S HAWK          |      | 81    |    | 13   | 7    |     | 2     | 54    |       |       | 157 M4(70),F8(45),K9(9)          |
| NORTHERN GOSHAWK       | 7    | 28    |    | 35   | 12   |     | 2     | 20    | 33    |       | 137 R6(33),C17(22),A4(19)        |
| HARRIS' HAWK           |      | 5     |    |      |      |     |       |       |       |       | 5 S18(5)                         |
| GRAY HAWK              |      | 19    |    |      |      |     |       |       |       |       | 19 M4(19)                        |
| RED-SHOULDERED HAWK    |      |       |    |      | 11   |     |       |       |       |       | 11 F9(3),W7(3),C1(2)             |
| BROAD-WINGED HAWK      |      |       |    | 1    |      |     |       |       |       |       | 1 C17(1)                         |
| SWAINSON'S HAWK        |      |       |    | 254  | 111  |     | 2     | 1     | 28    |       | 396 K13(108),C17(90),S23(66)     |
| HAWAIIAN HAWK          |      |       |    |      |      | 9   |       |       |       |       | 9 P6(9)                          |
| RED-TAILED HAWK        | 2    | 29    |    | 131  | 123  |     | 3     | 43    | 24    |       | 355 P8(80),C17(44),F11(42)       |
| FERRUGINOUS HAWK       |      |       |    | 165  |      |     | 49    | 17    | 16    |       | 247 S23(164),H9(26),N3(19)       |
| ROUGH-LEGGED HAWK      | 8    |       |    | 4    |      |     |       | 1     |       |       | 13 S14(8),C17(4),F8(1)           |
| GOLDEN EAGLE           |      |       |    |      | 64   |     | 15    | 1     | 20    |       | 100 H14(57),K2(15),N3(15)        |
| AMERICAN KESTREL       | 3    | 17    |    | 36   | 290  |     | 187   | 931   | 411   |       | 1875 B10(601),M1(348),N3(170)    |
| MERLIN                 | 8    |       |    | 66   | 2    |     | 1     | 7     | 3     |       | 87 P8(62),S14(8),F8(4)           |
| PEREGRINE FALCON       |      | 3     |    | 65   | 1    |     | 132   | 2     | 5     |       | 208 P7(124),C13(58),H9(8)        |
| GYRFALCON              | 7    |       |    |      |      |     |       |       |       |       | 7 S14(7)                         |
| PRAIRIE FALCON         |      | 1     |    | 1    | 5    |     | 191   | 5     | 22    |       | 225 N3(188),P2(19),E2(4),F12(4)  |
| CALIFORNIA QUAIL       |      |       |    |      | 7    |     |       |       |       |       | 7 L3(6),P11(1)                   |
| CLAPPER RAIL           |      |       |    |      | 8    |     |       |       |       |       | 8 Z1(8)                          |
| SORA                   |      |       |    |      |      |     | 2     |       | 1     |       | 3 K1(2),S16(1)                   |
| AMERICAN COOT          |      |       |    | 1324 | 1    |     |       | 173   | 244   |       | 1742 C10(1324),R7(240),K6(166)   |
| SANDHILL CRANE         |      |       |    |      | 14   |     |       |       |       |       | 14 M7(14)                        |
| LESSER GOLDEN-PLOVER   | 7    |       |    |      |      |     |       |       |       |       | 7 J7(7)                          |
| SNOWY PLOVER           |      |       |    |      | 433  |     |       | 122   |       |       | 555 P11(308),N6(125),N9(122)     |
| SEMPALMATED PLOVER     | 14   |       |    |      |      |     |       |       |       |       | 14 K3(13),W8(1)                  |
| KILLDEER               |      |       |    |      | 3    |     |       | 4     | 2     |       | 9 K4(4),M10(2),C1(1),T3(1),C5(1) |
| BLACK OYSTERCATCHER    |      |       |    |      |      |     |       | 2     |       |       | 2 O2(2)                          |
| BLACK-NECKED STILT     |      |       |    |      |      | 44  |       |       |       |       | 44 P6(44)                        |
| AMERICAN AVOCET        |      |       |    |      | 25   |     |       |       |       |       | 25 C1(25)                        |
| LESSER YELLOWLEGS      |      |       |    |      |      |     |       |       | 3     |       | 3 C5(3)                          |
| SOLITARY SANDPIPER     | 4    |       |    | 2    |      |     |       |       |       |       | 6 A8(4),C9(2)                    |
| WANDERING TATTLER      |      |       |    | 1    |      |     |       |       |       |       | 1 C15(1)                         |
| SPOTTED SANDPIPER      | 1    |       |    | 2    | 1    |     | 1     |       |       |       | 5 B2(1),C1(1),C9(1),J4(1),A8(1)  |
| RUDDY TURNSTONE        | 58   |       |    |      |      |     |       |       |       |       | 58 H16(58)                       |
| SEMPALMATED SANDPIPER  | 51   |       |    |      |      |     |       |       | 1     |       | 52 W8(40),H16(6),K3(5)           |
| WESTERN SANDPIPER      | 31   |       |    |      |      |     |       | 57    |       |       | 88 W8(57),E3(21),W8(10)          |
| LEAST SANDPIPER        | 6    |       |    |      |      |     |       |       | 1     |       | 7 E3(5),C5(1),A3(1)              |
| BAIRD'S SANDPIPER      | 4    |       |    |      |      |     |       |       |       |       | 4 W8(4)                          |
| PECTORAL SANDPIPER     | 37   |       |    |      |      |     |       |       | 3     |       | 40 H16(19),W8(18),C5(3)          |
| ROCK SANDPIPER         | 1    |       |    |      |      |     |       |       |       |       | 1 A3(1)                          |
| DUNLIN                 | 10   |       |    | 20   |      |     |       |       |       |       | 30 L4(20),W8(7),H16(3)           |
| SHORT-BILLED DOWITCHER | 4    |       |    |      |      |     |       |       |       |       | 4 E3(4)                          |
| DOWITCHER SPECIES      | 21   |       |    |      |      |     |       |       |       |       | 21 U2(21)                        |
| COMMON SNIPE           | 4    |       |    |      | 1    |     |       |       |       |       | 5 Y2(2),A3(1),K3(1),R9(1)        |
| RED-NECKED PHALAROPE   | 11   |       |    |      |      |     |       |       |       |       | 11 E3(5),W8(5),H16(1)            |
| RED PHALAROPE          | 15   |       |    |      |      |     |       |       |       |       | 15 W8(15)                        |
| RING-BILLED GULL       |      |       |    |      |      |     |       | 480   |       |       | 480 B10(480)                     |
| CALIFORNIA GULL        |      |       |    |      | 1099 |     |       |       | 10    |       | 1109 P11(1099),N6(10)            |
| WESTERN GULL           |      |       |    |      | 452  |     |       | 22    |       |       | 474 P11(446),O2(22),P3(6)        |
| GLAUCOUS-WINGED GULL   | 12   |       |    |      |      |     |       |       |       |       | 12 A3(12)                        |
| BLACK-LEGGED KITTIWAKE | 35   |       |    |      |      |     |       |       |       |       | 35 M5(27),A6(8)                  |
| RED-LEGGED KITTIWAKE   | 185  |       |    |      |      |     |       |       |       |       | 185 M5(134),A6(51)               |
| SABINE'S GULL          | 42   |       |    |      |      |     |       |       |       |       | 42 H16(42)                       |
| CASPIAN TERN           |      |       |    |      |      |     |       | 35    |       |       | 35 B10(35)                       |
| ARCTIC TERN            | 2    |       |    |      |      |     |       |       |       |       | 2 H16(2)                         |
| LEAST TERN             |      |       |    |      | 52   |     |       |       |       |       | 52 K3(52)                        |
| GRAY-BACKED TERN       |      |       |    |      |      | 805 |       |       |       |       | 805 H15(805)                     |

| NAME                       | AK | AZ/NM | MX | CAN  | CA  | HI  | ID/MT<br>NV | OR/WA | WY/CO<br>UT | TOTAL | HIGH<br>BANDERS                                  |
|----------------------------|----|-------|----|------|-----|-----|-------------|-------|-------------|-------|--|
| COMMON FAIRY-TERN          |    |       |    |      |     | 235 |             |       |             | 235   | H15(235)   |
| BROWN NODDY                |    |       |    |      |     | 530 |             |       |             | 530   | H15(530)   |
| BLACK NODDY                |    |       |    |      |     | 613 |             |       |             | 613   | H15(613)   |
| COMMON MURRE               |    |       |    |      | 47  |     |             | 2     |             | 49    | P11(47),O2(2)                                    |
| PIGEON GUILLEMOT           | 37 |       |    | 48   | 46  |     |             | 12    |             | 143   | C15(48),P11(46),A8(37)                           |
| CASSIN'S AUKLET            |    |       |    | 1285 | 377 |     |             |       |             | 1662  | C15(1285),P11(377)                               |
| RHINOCEROS AUKLET          |    |       |    | 482  | 85  |     |             | 31    |             | 598   | C15(482),P11(85),N8(29)                          |
| TUFTED PUFFIN              |    |       |    | 16   |     |     |             |       |             | 16    | C15(16)  |
| BAND-TAILED PIGEON         |    |       |    | 1    |     |     |             |       |             | 1     | C15(1)   |
| WHITE-WINGED DOVE          |    | 24    |    |      |     |     |             |       |             | 24    | C3(7),S24(6),B2(4)                               |
| MOURNING DOVE              |    | 197   |    | 1    | 262 |     | 2           | 3     | 8           | 473   | C3(138),C11(130),L3(46)                          |
| INCA DOVE                  |    | 72    |    |      |     |     |             |       |             | 72    | B2(34),C7(23),C3(12)                             |
| COMMON GROUND-DOVE         |    | 2     |    |      | 4   |     |             |       |             | 6     | C18(3),B2(2),M3(1)                               |
| RUDDY GROUND-DOVE          |    | 1     |    |      |     |     |             |       |             | 1     | B2(1)  |
| YELLOW-BILLED CUCKOO       |    | 2     |    |      |     |     |             |       |             | 2     | R12(1),W10(1)                                    |
| GREATER ROADRUNNER         |    | 1     |    |      |     |     |             |       |             | 1     | B2(1)  |
| COMMON BARN-OWL            |    |       |    |      | 129 |     |             | 36    |             | 165   | F9(106),F12(24),W7(14)                           |
| FLAMMULATED OWL            |    |       |    |      |     |     |             |       | 14          | 14    | R6(10),S16(4)                                    |
| WESTERN SCREECH-OWL        |    | 1     |    |      | 52  |     | 56          | 44    | 1           | 154   | N3(53),F12(39),S8(38)                            |
| GREAT HORNED OWL           |    | 2     |    | 112  | 33  |     | 3           | 14    | 9           | 173   | P8(78),C17(28),F9(21)                            |
| SNOWY OWL                  |    |       |    | 23   |     |     |             |       |             | 23    | P8(18),C17(5)                                    |
| NORTHERN HAWK OWL          |    |       |    | 12   |     |     |             | 4     |             | 16    | C17(6),H10(4),C9(3),P8(3)                        |
| NORTHERN PYGMY-OWL         |    |       |    |      | 1   |     | 1           | 7     | 3           | 12    | F4(4),R7(3),B8(1),I1(1),H10(1),<br>V4(1),R9(1)   |
| ELF OWL                    |    | 94    |    |      |     |     |             |       |             | 94    | B3(93),C3(1)                                     |
| BURROWING OWL              |    | 4     |    | 23   | 45  |     | 71          |       |             | 143   | B6(71),S22(42),B22(21)                           |
| SPOTTED OWL                |    | 25    |    |      | 459 |     |             | 1166  | 1           | 1651  | B8(420),O4(232),F4(183)                          |
| BARRED OWL                 |    |       |    | 54   | 17  |     |             | 370   | 4           | 445   | B8(192),H5(163),B22(50)                          |
| GREAT GRAY OWL             |    |       |    | 108  |     |     |             | 34    |             | 142   | C17(83),F6(34),P8(18)                            |
| LONG-EARED OWL             |    |       |    | 4    | 1   |     | 164         | 3     |             | 172   | H10(124),N3(29),C17(4)                           |
| SHORT-EARED OWL            |    |       |    |      |     | 4   | 14          |       |             | 18    | N3(14),H15(3),P6(1)                              |
| BOREAL OWL                 | 21 |       |    |      |     |     |             |       | 31          | 52    | S16(31),S14(21)                                  |
| NORTHERN SAW-WHET OWL      | 19 | 1     |    | 39   | 2   |     |             | 12    |             | 73    | C17(24),S14(19),P8(10)                           |
| LESSER NIGHTHAWK           |    |       |    |      | 5   |     |             |       |             | 5     | S22(5)   |
| COMMON NIGHTHAWK           |    |       |    |      | 7   |     |             | 1     | 1           | 2     | K4(1),S7(1)                                      |
| COMMON POOR-WILL           |    |       |    |      | 7   |     |             |       | 1           | 8     | N7(7),B7(1)                                      |
| VAUX'S SWIFT               |    |       |    | 2    |     |     |             | 297   |             | 299   | F6(296),B15(2),K4(1)                             |
| BROAD-BILLED HUMMINGBIRD   |    | 45    |    |      |     |     |             |       |             | 45    | R13(44),B2(1)                                    |
| VIOLET-CROWNED HUMMINGBIRD |    | 1     |    |      |     |     |             |       |             | 1     | B2(1)  |
| BLUE-THROATED HUMMINGBIRD  |    | 7     |    |      |     |     |             |       |             | 7     | P1(7)  |
| MAGNIFICENT HUMMINGBIRD    |    | 7     |    |      |     |     |             |       |             | 7     | P1(7)  |
| BL.-CHINNED HUMMINGBIRD    |    | 245   |    |      | 42  |     | 20          |       |             | 307   | R13(219),C1(37),B2(24)                           |
| ANNA'S HUMMINGBIRD         |    | 114   |    |      | 375 |     |             |       |             | 489   | C1(198),C18(112),R13(111)                        |
| COSTA'S HUMMINGBIRD        |    | 10    |    |      | 26  |     | 1           |       |             | 37    | C18(26),R13(7),B2(4)                             |
| CALLIOPE HUMMINGBIRD       |    | 4     |    |      | 20  |     | 233         |       |             | 257   | B2(224),C18(18),J5(9)                            |
| BROAD-TAILED HUMMINGBIRD   |    | 7     |    |      |     |     |             |       |             | 7     | R13(5),B2(2)                                     |
| RUFOUS HUMMINGBIRD         | 13 | 94    |    | 1    | 147 |     | 396         | 50    | 1           | 702   | B2(207),J5(189),R13(90)                          |
| ALLEN'S HUMMINGBIRD        |    |       |    |      | 225 |     |             |       |             | 225   | P11(123),C1(58),C18(28)                          |
| ELEGANT TROGON             |    | 6     |    |      |     |     |             |       |             | 6     | M4(6)  |
| BELTED KINGFISHER          | 2  | 2     |    | 7    | 5   |     | 3           | 2     |             | 21    | C16(3),B2(2),C9(2),B15(2),<br>A8(2),R12(2),I1(2) |
| ACORN WOODPECKER           |    | 1     |    |      | 202 |     |             |       |             | 203   | H1(200),I1(2),C20(1)                             |
| GILA WOODPECKER            |    | 45    |    |      |     |     |             |       |             | 45    | C3(32),B2(12),C7(1)                              |
| YELLOW-BELLIED SAPSUCKER   |    | 1     |    | 19   |     |     |             |       |             | 20    | H12(10),J4(6),C16(2)                             |
| RED-NAPED SAPSUCKER        |    | 88    |    |      | 1   |     | 71          | 48    | 13          | 221   | M2(82),I1(58),R2(55)                             |
| RED-BREASTED SAPSUCKER     | 3  | 1     |    | 2    | 145 |     |             | 85    |             | 236   | I1(63),R9(52),S10(45)                            |
| WILLIAMSON'S SAPSUCKER     |    | 60    |    |      | 6   |     |             | 14    |             | 80    | M2(60),I1(18),S10(2)                             |
| LADDER-BACKED WOODPECKER   |    | 2     |    |      |     |     | 1           |       |             | 3     | C3(1),B2(1),C20(1)                               |
| NUTTALL'S WOODPECKER       |    |       |    |      | 76  |     |             |       |             | 76    | P11(40),B15(15),C1(5),I1(5)                      |
| DOWNY WOODPECKER           | 20 | 17    |    | 15   | 106 |     | 16          | 32    | 32          | 238   | R9(41),P11(21),C1(16),<br>B15(16),I1(16)         |
| HAIRY WOODPECKER           | 3  | 10    |    | 9    | 37  |     | 2           | 40    | 4           | 105   | I1(50),M2(10),C16(7)                             |
| WHITE-HEADED WOODPECKER    |    |       |    |      | 10  |     |             |       |             | 10    | I1(7),S10(2),C18(1)                              |
| THREE-TOED WOODPECKER      | 4  |       |    | 1    |     |     |             |       |             | 5     | A8(3),I1(1),C16(1)                               |
| BLACK-BACKED WOODPECKER    | 1  |       |    |      |     |     |             |       |             | 1     | A8(1)  |
| YELLOW-SHAFTED FLICKER     | 4  |       |    | 3    |     |     |             | 2     | 1           | 10    | T1(3),P5(2),S28(2)                               |
| RED-SHAFTED FLICKER        |    | 65    |    |      | 60  |     | 6           | 41    | 38          | 210   | M2(44),I1(24),C5(19)                             |
| GILDED FLICKER             |    | 3     |    |      |     |     |             |       |             | 3     | C3(3)  |
| FLICKER INTERGRADE         |    |       |    | 3    |     |     |             |       | 2           | 5     | C15(3),C5(2)                                     |
| PILEATED WOODPECKER        |    |       |    | 22   |     |     | 1           | 8     |             | 31    | B21(16),P4(8),P8(6)                              |
| NO. BEARDLESS TYRANULET    |    | 2     |    |      |     |     |             |       |             | 2     | B2(2)  |

| NAME                      | AK  | AZ/NM | MX | CAN  | CA   | HI  | ID/MT | OR/WA | WY/CO | TOTAL | HIGH BANDERS                         |
|---------------------------|-----|-------|----|------|------|-----|-------|-------|-------|-------|--------------------------------------|
|                           |     |       |    |      |      |     | NV    |       | UT    |       |                                      |
| OLIVE-SIDED FLYCATCHER    | 8   | 4     |    | 1    | 13   |     | 1     | 5     |       | 32    | A8(8),I2(7),B15(5)                   |
| WESTERN WOOD-PEWEE        | 2   | 22    |    | 7    | 155  |     | 18    | 53    | 67    | 324   | I1(60),P11(40),C5(33)                |
| YELLOW-BELLIED FLYCATCHER | 3   |       |    | 2    |      |     | 1     |       |       | 6     | T1(3),J4(2),B2(1)                    |
| ALDER FLYCATCHER          | 211 |       |    | 177  |      |     |       |       |       | 388   | J4(161),T1(101),A8(77)               |
| WILLOW FLYCATCHER         |     | 19    |    |      | 415  |     | 52    | 41    | 12    | 539   | R9(216),P11(57),C1(56)               |
| TRAILL'S FLYCATCHER       |     |       |    | 1    |      |     |       |       | 10    | 11    | C5(10),P8(1)                         |
| LEAST FLYCATCHER          |     | 1     | 1  | 445  | 2    |     | 18    |       | 6     | 473   | J4(407),H12(25),W6(9)                |
| HAMMOND'S FLYCATCHER      | 107 | 7     |    |      | 93   |     | 35    | 122   | 9     | 373   | I1(108),A8(73),S10(35)               |
| DUSKY FLYCATCHER          |     | 62    |    | 2    | 183  |     | 96    | 135   | 82    | 560   | I1(219),S10(67),C5(61)               |
| GRAY FLYCATCHER           |     | 21    |    |      | 29   |     | 5     | 18    | 2     | 75    | S10(22),I1(18),B12(14)               |
| WESTERN FLYCATCHER        | 10  | 186   | 2  |      | 1923 |     | 17    | 177   | 12    | 2327  | C1(660),P11(466),B15(426)            |
| BLACK PHOEBE              |     | 17    |    |      | 209  |     |       |       |       | 226   | C1(85),B15(48),R9(29)                |
| EASTERN PHOEBE            |     |       |    | 10   |      |     |       |       |       | 10    | P5(5),J4(3),C9(1),P8(1)              |
| SAY'S PHOEBE              |     | 13    |    |      | 4    |     |       |       |       | 17    | S1(7),R12(4),P11(3)                  |
| VERMILION FLYCATCTED      |     | 1     |    |      |      |     |       |       |       | 1     | B2(1)                                |
| ASH-THROATED FLYCATCHER   |     | 25    |    |      | 75   |     | 1     | 8     | 2     | 111   | P11(23),H13(18),B15(15)              |
| BR.-CRESTED FLYCATCHER    |     | 4     |    |      |      |     |       |       |       | 4     | H13(3),C3(1)                         |
| WESTERN KINGBIRD          |     | 7     |    |      | 5    |     |       | 4     | 10    | 26    | R12(7),F5(6),B7(4),S28(4),<br>P11(4) |
| EASTERN KINGBIRD          |     |       |    | 3    |      |     | 9     |       | 4     | 16    | L1(4),J8(4),B7(2),C9(2)              |
| HORNED LARK               | 5   |       |    |      |      |     |       |       | 8     | 13    | J8(7),W8(5),R7(1)                    |
| PURPLE MARTIN             |     |       |    | 564  |      |     |       | 47    |       | 611   | P8(554),C8(47),K11(10)               |
| TREE SWALLOW              | 213 |       |    | 2414 | 489  |     | 355   | 448   | 12    | 3931  | S21(1392),P8(479),H4(340)            |
| VIOLET-GREEN SWALLOW      | 41  |       |    | 22   | 91   |     |       | 154   | 20    | 328   | W7(84),K4(75),H11(57)                |
| NO. ROUGH-WINGED SWALLOW  |     | 2     |    |      | 4    |     |       | 5     | 4     | 15    | S7(4),B2(2),I1(2),B15(2),A7(2)       |
| BANK SWALLOW              | 107 |       |    | 1    | 436  |     |       |       | 1     | 545   | G2(436),K3(101),I3(5)                |
| CLIFF SWALLOW             |     | 3     |    | 45   | 6    |     | 3     |       | 332   | 389   | T3(329),L6(44),B2(3),S4(3)           |
| CAVE SWALLOW              |     | 618   |    |      |      |     |       |       |       | 618   | W10(618)                             |
| BARN SWALLOW              |     | 3     |    | 3    | 76   |     | 10    | 51    | 27    | 170   | K4(48),R9(39),P11(30)                |
| GRAY JAY                  | 17  | 25    |    | 3    |      |     | 3     | 18    |       | 66    | N4(25),I1(20),A8(6)                  |
| STELLER'S JAY             | 26  | 4     |    |      | 59   |     | 13    | 94    | 2     | 198   | S28(35),B16(34),W1(22)               |
| BLUE JAY                  |     |       |    | 29   |      |     |       |       | 7     | 36    | P8(11),C9(8),J4(5)                   |
| SCRUB JAY                 |     | 11    |    |      | 113  |     |       | 4     | 24    | 152   | N7(23),R9(20),W7(18)                 |
| GRAY-BREASTED JAY         |     | 9     |    |      |      |     |       |       |       | 9     | C20(6),S24(3)                        |
| CLARK'S NUTCRACKER        |     |       |    |      |      |     |       |       | 1     | 1     | S16(1)                               |
| BLACK-BILLED MAGPIE       | 4   |       |    | 1    |      |     | 220   |       | 12    | 237   | T4(219),C5(6),W9(3)                  |
| YELLOW-BILLED MAGPIE      |     |       |    |      | 21   |     |       |       |       | 21    | H1(21)                               |
| AMERICAN CROW             |     |       |    | 11   | 3    |     | 1     |       | 1     | 16    | P8(11),M3(3),R5(1),R7(1)             |
| NORTHWESTERN CROW         |     |       |    | 1    |      |     |       |       |       | 1     | C15(1)                               |
| HAWAIIAN CROW             |     |       |    |      |      | 7   |       |       |       | 7     | P6(7)                                |
| COMMON RAVEN              |     |       |    |      |      |     | 56    | 23    |       | 79    | N3(56),B10(23)                       |
| BLACK-CAPPED CHICKADEE    | 271 | 11    |    | 390  | 41   |     | 184   | 169   | 151   | 1217  | P8(123),A3(108),C5(86)               |
| MOUNTAIN CHICKADEE        |     | 18    |    | 22   | 314  |     | 51    | 112   | 128   | 645   | C18(178),I1(136),S10(54)             |
| BOREAL CHICKADEE          | 122 |       |    | 8    |      |     |       |       |       | 130   | T1(37),A8(26),I1(12)                 |
| CHEST.-BACKED CHICKADEE   | 42  |       |    | 1    | 400  |     | 2     | 130   |       | 575   | B15(138),R9(112),P11(84)             |
| BRIDLED TITMOUSE          |     | 4     |    |      |      |     |       |       |       | 4     | C20(3),B2(1)                         |
| PLAIN TITMOUSE            |     | 14    |    |      | 150  |     |       | 1     | 3     | 168   | W7(70),P11(29),I1(17)                |
| VERDIN                    |     | 13    |    |      | 10   |     | 6     |       |       | 29    | S22(10),C3(8),V1(6)                  |
| COMMON BUSHTIT            |     | 36    |    |      | 1076 |     |       | 91    | 6     | 1209  | B15(295),P11(229),C1(151)            |
| RED-BREASTED NUTHATCH     | 33  | 86    |    | 53   | 56   |     | 50    | 141   | 7     | 426   | I1(145),M2(84),J4(29)                |
| WHITE-BREASTED NUTHATCH   |     | 13    |    | 13   | 27   |     | 6     | 22    |       | 81    | C18(13),K4(9),R12(7)                 |
| PYGMY NUTHATCH            |     | 24    |    |      | 8    |     | 3     |       | 27    | 62    | M2(24),J8(22),C18(8)                 |
| BROWN CREEPER             | 5   | 15    |    | 2    | 171  |     | 1     | 65    | 2     | 261   | I1(101),B15(35),P11(32)              |
| CACTUS WREN               |     | 16    |    |      | 386  |     |       |       |       | 402   | B20(306),M13(75),B2(5)               |
| ROCK WREN                 |     | 3     |    |      | 1    |     |       |       | 4     | 8     | C5(4),N10(2),H13(1),P11(1)           |
| CANYON WREN               |     | 1     |    |      | 6    |     |       |       |       | 7     | C18(5),M3(1),H13(1)                  |
| BEWICK'S WREN             |     | 88    |    |      | 464  |     | 8     | 52    |       | 612   | P11(210),B15(149),H13(37)            |
| HOUSE WREN                |     | 57    | 5  | 209  | 626  |     | 29    | 141   | 518   | 1585  | M11(327),W7(241),I1(176)             |
| WINTER WREN               | 20  |       |    | 20   | 95   |     | 333   | 139   |       | 607   | G1(332),I1(110),P11(26)              |
| MARSH WREN                |     |       |    | 3    | 13   |     | 6     | 2     |       | 24    | M7(11),I1(6),J4(3)                   |
| AMERICAN DIPPER           |     |       |    |      | 2    |     |       |       | 23    | 25    | R7(18),T3(5),C1(2)                   |
| ARCTIC WARBLER            | 59  |       |    |      |      |     |       |       |       | 59    | I1(50),A8(4),D3(3)                   |
| GOLDEN-CROWNED KINGLET    | 10  | 1     |    | 26   | 418  |     | 76    | 304   | 7     | 842   | I1(362),P11(203),R9(76)              |
| RUBY-CROWNED KINGLET      | 554 | 181   |    | 28   | 1139 |     | 63    | 125   | 144   | 2234  | B15(366),P11(315),T1(248)            |
| BLUE-GRAY GNATCATCHER     |     | 3     | 3  |      | 13   |     |       |       | 13    | 32    | B7(7),C5(6),B15(4),P11(4)            |
| BLACK-TAILED GNATCATCHER  |     | 3     |    |      | 172  |     |       |       |       | 175   | C18(26),B2(3),H3(3)                  |
| CALIFORNIA GNATCATCHER    |     |       |    |      | 112  |     |       |       |       | 112   | B20(143),M13(112)                    |
| ELEPAIO                   |     |       |    |      |      | 227 |       |       |       | 227   | H17(201),H6(26)                      |
| NORTHERN WHEATEAR         | 2   |       |    |      |      |     |       |       |       | 2     | H16(2)                               |
| BLUETHROAT                | 3   |       |    |      |      |     |       |       |       | 3     | W8(3)                                |
| EASTERN BLUEBIRD          |     |       |    | 63   |      |     |       |       |       | 63    | F7(57),M12(6)                        |
| WESTERN BLUEBIRD          |     | 16    |    | 3878 | 686  |     | 30    | 2258  | 7     | 6875  | M12(3877),H4(1060),H1(540)           |

| NAME                    | AK   | AZ/NM | MX | CAN  | CA   | HI  | ID/MT | OR/WA | WY/CO | TOTAL | HIGH BANDERS                      |
|-------------------------|------|-------|----|------|------|-----|-------|-------|-------|-------|-----------------------------------|
|                         |      |       |    |      |      |     | NV    | UT    |       |       |                                   |
| MOUNTAIN BLUEBIRD       |      |       |    | 2471 | 3    |     | 582   | 338   | 179   | 3573  | S21(1593),G1(525),J6(402)         |
| TOWNSEND'S SOLITAIRE    |      |       |    |      | 16   |     |       | 23    | 5     | 44    | I1(20),C18(12),C5(4),R9(4)        |
| OMAO                    |      |       |    |      |      | 111 |       |       |       | 111   | H17(111)                          |
| VEERY                   |      |       |    |      |      |     | 6     |       |       | 6     | W6(4),L1(1),J8(1)                 |
| GRAY-CHEEKED THRUSH     | 201  |       |    |      | 1    |     | 1     |       |       | 203   | A3(68),A8(65),T1(48)              |
| SWAINSON'S THRUSH       | 505  | 3     | 1  | 121  | 1324 |     | 208   | 446   | 30    | 2638  | R9(379),C1(364),I1(313)           |
| HERMIT THRUSH           | 450  | 121   |    | 31   | 1226 |     | 3     | 109   | 44    | 1984  | R9(428),C1(387),A3(289)           |
| AMERICAN ROBIN          | 175  | 67    |    | 70   | 331  |     | 195   | 254   | 243   | 1335  | R9(161),I1(143),A8(96)            |
| VARIED THRUSH           | 66   |       |    | 12   | 193  |     | 5     | 58    |       | 334   | R9(134),I1(37),P11(32)            |
| WRENTIT                 |      |       |    |      | 670  |     |       | 41    |       | 711   | P11(276),R9(218),B15(83)          |
| GRAY CATBIRD            |      | 1     |    | 9    | 6    |     | 62    |       | 17    | 95    | J8(27),L1(25),C5(13)              |
| WHITE-RUMPED SHAMA      |      |       |    |      |      | 1   |       |       |       | 1     | H17(1)                            |
| RED-BILLED LEIOTHRIX    |      |       |    |      |      | 393 |       |       |       | 393   | H17(391),H6(2)                    |
| NORTHERN MOCKINGBIRD    |      | 19    |    |      | 103  |     | 1     |       | 2     | 125   | C1(80),M3(10),P11(8)              |
| SAGE THRASHER           |      | 2     |    |      | 1    |     |       |       | 18    | 21    | C5(12),S7(1),N10(1),P11(1),R12(1) |
| BROWN THRASHER          |      | 1     |    |      |      |     |       |       | 6     | 7     | B7(6),C3(1)                       |
| CURVE-BILLED THRASHER   |      | 19    |    |      |      |     |       |       |       | 19    | C3(6),C7(5),B2(3)                 |
| CALIFORNIA THRASHER     |      |       |    |      | 37   |     |       |       |       | 37    | C18(10),B15(6),C1(5),H3(5)        |
| CRISSAL THRASHER        |      | 3     |    |      |      |     | 2     |       |       | 5     | V1(2),B2(1),S15(1),N10(1)         |
| LE CONTE'S THRASHER     |      |       |    |      | 2    |     |       |       |       | 2     | F3(2)                             |
| YELLOW WAGTAIL          | 6    |       |    |      |      |     |       |       |       | 6     | W8(6)                             |
| WATER PIPIT             | 7    |       |    | 1    |      |     |       |       |       | 8     | A3(7),C15(1)                      |
| BOHEMIAN WAXWING        | 1    |       |    | 7    |      |     |       |       |       | 8     | P8(7),A8(1)                       |
| CEDAR WAXWING           | 1    |       |    | 22   | 71   |     | 211   | 19    | 14    | 338   | I1(59),B2(49),L1(37),J8(37)       |
| PHAINOPEPLA             |      | 2     |    |      | 3    |     |       |       |       | 5     | C3(2),T9(2),I1(1)                 |
| NORTHERN SHRIKE         | 14   |       |    | 2    |      |     |       | 3     |       | 19    | A3(6),K4(3),I2(2),S14(2),W9(2)    |
| LOGGERHEAD SHRIKE       |      | 6     |    | 1    | 20   |     | 2     | 2     |       | 31    | C1(10),H3(7),B2(2)                |
| EUROPEAN STARLING       |      | 1     |    |      | 40   |     | 7     | 6     | 9     | 63    | C1(31),C5(6),R9(4),S28(4)         |
| WHITE-EYED VIREO        |      |       |    |      | 1    |     |       |       |       | 1     | B15(1)                            |
| BELL'S VIREO            | 48   |       |    |      | 198  |     | 1     |       | 1     | 248   | K10(194),H13(34),C3(8)            |
| SOLITARY VIREO          | 18   | 1     |    | 3    | 114  |     | 25    | 35    | 15    | 211   | R9(43),I1(42),S10(27)             |
| HUTTON'S VIREO          |      | 1     |    |      | 112  |     |       | 10    |       | 123   | B15(48),P11(28),R9(24)            |
| WARBLING VIREO          |      | 32    |    | 47   | 698  |     | 136   | 169   | 78    | 1160  | B15(247),I1(231),P11(106)         |
| PHILADELPHIA VIREO      |      |       |    | 6    |      |     |       |       |       | 6     | J4(6)                             |
| RED-EYED VIREO          |      |       |    | 8    | 3    |     | 3     | 3     | 3     | 20    | J4(7),I1(3),C5(2),B15(2),S28(2)   |
| YELLOW-GREEN VIREO      |      |       |    |      | 1    |     |       |       |       | 1     | P11(1)                            |
| TENNESSEE WARBLER       |      |       |    | 148  | 6    |     | 1     |       | 1     | 156   | J4(141),C9(5),P11(4)              |
| ORANGE-CROWNED WARBLER  | 1468 | 242   | 1  | 190  | 4039 |     | 30    | 533   | 261   | 6764  | S10(1675),I1(1115),A8(712)        |
| NASHVILLE WARBLER       |      | 2     | 12 |      | 421  |     | 13    | 204   | 4     | 656   | I1(292),R9(177),V4(47)            |
| VIRGINIA'S WARBLER      |      | 79    |    |      | 1    |     |       |       | 56    | 136   | R12(49),B7(29),M2(15)             |
| LUCY'S WARBLER          |      | 164   |    |      |      |     | 2     |       |       | 166   | H13(144),C3(11),B2(9)             |
| NORTHERN PARULA         |      |       |    |      |      |     |       |       | 1     | 1     | C5(1)                             |
| CHESTNUT-SIDED WARBLER  |      |       |    | 1    | 6    |     |       |       |       | 7     | P11(5),J4(1),R9(1)                |
| YELLOW WARBLER          | 587  | 132   |    | 244  | 794  |     | 127   | 74    | 190   | 2148  | A3(300),B15(248),J4(210)          |
| MAGNOLIA WARBLER        |      | 13    |    | 35   | 4    |     |       |       | 1     | 53    | J4(31),H13(12),C9(4),P11(4)       |
| CAPE MAY WARBLER        |      |       |    | 27   |      |     |       |       |       | 27    | J4(27)                            |
| BLK.-TH. BLUE WARBLER   |      | 2     |    |      | 5    |     |       |       | 2     | 9     | P11(5),C5(2),C3(1),H13(1)         |
| MYRTLE WARBLER          | 1439 | 22    |    | 209  | 1141 |     | 9     | 42    | 16    | 2878  | A8(1130),R9(754),B15(288)         |
| AUDUBON'S WARBLER       | 1    | 586   | 2  |      | 1551 |     | 220   | 448   | 63    | 2871  | I1(543),S10(468),B12(466)         |
| YELLOW-RUMPED WARBLER   |      |       |    | 171  | 14   |     |       |       |       | 185   | C9(171),B15(14)                   |
| BLK.-TH. GRAY WARBLER   |      | 4     |    |      | 146  |     |       | 26    | 1     | 177   | R9(53),P11(39),I1(27)             |
| TOWNSEND'S WARBLER      | 31   | 5     |    | 8    | 184  |     | 33    | 139   | 12    | 412   | I1(151),P11(84),J3(55)            |
| HERMIT WARBLER          |      |       |    |      | 390  |     |       | 90    |       | 480   | I1(199),S10(139),R9(85)           |
| BLK.-TH. GREEN WARBLER  |      |       | 1  | 1    |      |     |       |       |       | 2     | C5(1),H12(1)                      |
| BLACKBURNIAN WARBLER    |      |       |    |      | 1    |     |       |       | 1     | 2     | C5(1),P11(1)                      |
| PINE WARBLER            | 50   |       |    |      |      |     |       |       |       | 50    | E3(37),C9(25),C16(13)             |
| PRAIRIE WARBLER         |      |       |    |      |      |     |       | 1     |       | 1     | D4(1)                             |
| WESTERN PALM WARBLER    | 1    | 1     |    | 27   | 27   |     |       |       |       | 56    | J4(24),P11(22),C9(3),T7(3)        |
| BAY-BREASTED WARBLER    |      |       |    | 4    |      |     |       |       |       | 4     | J4(4)                             |
| BLACKPOLL WARBLER       | 109  |       |    | 67   | 11   |     | 1     |       | 2     | 190   | A8(73),J4(55),N11(18)             |
| BLACK-AND-WHITE WARBLER |      | 1     | 1  | 8    | 11   |     | 2     | 1     | 1     | 25    | B15(6),J4(5),P11(3)               |
| AMERICAN REDSTART       |      |       |    | 227  | 10   |     | 53    |       | 4     | 294   | H12(133),J4(90),I1(26)            |
| WORM-EATING WARBLER     |      |       |    |      | 1    |     |       |       |       | 1     | P11(1)                            |
| OVENBIRD                |      |       |    | 47   | 3    |     | 1     |       | 3     | 54    | H12(30),J4(10),C9(6)              |
| NORTHERN WATERTHRUSH    | 220  | 11    |    | 17   | 452  |     | 19    |       | 7     | 726   | S10(449),A8(112),N11(44)          |
| KENTUCKY WARBLER        |      |       |    |      | 1    |     |       |       |       | 1     | P11(1)                            |
| CONNECTICUT WARBLER     |      |       |    | 6    | 2    |     | 1     |       |       | 9     | C9(2),J4(2),H12(2),P11(2)         |
| MOURNING WARBLER        |      |       |    | 29   | 3    |     |       |       |       | 32    | J4(14),H12(13),C9(2),P11(2)       |
| MAC GILLIVRAY'S WARBLER |      | 178   | 6  |      | 590  |     | 130   | 580   | 130   | 1614  | I1(613),R9(172),R12(146)          |
| COMMON YELLOWTHROAT     | 13   | 40    | 1  | 23   | 353  |     | 139   | 103   | 30    | 702   | I1(140),C1(105),P11(92)           |

| NAME                     | AK   | AZ/NM | MX | CAN | CA   | HI  | ID/MT | OR/WA | WY/CO | TOTAL | HIGH BANDERS                                 |
|--------------------------|------|-------|----|-----|------|-----|-------|-------|-------|-------|--|
|                          |      |       |    |     |      |     | NV    |       | UT    |       |  |
| HOODED WARBLER           |      |       |    |     | 3    |     |       |       | 1     |       | 4 B15(2),B7(1),P11(1)                        |
| WILSON'S WARBLER         | 2328 | 557   | 14 | 120 | 2109 |     | 59    | 458   | 989   | 6634  | A3(1317),C5(838),B15(642)                    |
| CANADA WARBLER           |      |       |    | 5   |      |     |       |       |       |       | 5 H12(5)                                     |
| RED-FACED WARBLER        |      | 132   |    |     |      |     |       |       |       |       | 132 M2(132)                                  |
| YELLOW-BREASTED CHAT     |      | 30    | 1  |     | 215  |     | 1     | 21    | 54    | 322   | R9(156),P11(26),H13(25)                      |
| SUMMER Tanager           |      | 5     | 1  |     | 1    |     |       |       |       |       | 7 H13(4),C5(1),R12(1),P11(1)                 |
| WESTERN Tanager          |      | 87    |    | 8   | 309  |     | 24    | 73    | 132   | 633   | R9(137),I1(84),B18(63)                       |
| JAPANESE WHITE-EYE       |      |       |    |     |      | 634 |       |       |       | 634   | H17(456),H6(178)                             |
| NORTHERN CARDINAL        |      | 27    |    |     |      | 22  |       |       |       |       | 49 H17(20),B2(13),C3(13)                     |
| PYRRHULOXIA              |      | 36    |    |     |      |     |       |       |       |       | 36 B2(23),C3(8),S15(3)                       |
| ROSE-BREASTED GROSBK     |      | 1     |    | 14  | 5    |     |       |       |       |       | 20 C9(11),B15(3),P11(2)                      |
| BLACK-HEADED GROSBK      |      | 89    |    |     | 535  |     | 21    | 111   | 195   | 951   | R9(225),K1(108),P11(108)                     |
| BLUE GROSBK              |      | 78    | 1  |     | 14   |     |       |       | 9     | 102   | R12(74),P11(6),C5(4),T9(4)                   |
| LAZULI BUNTING           |      | 100   |    | 104 | 226  |     | 39    | 80    | 131   | 680   | L5(104),I1(102),R12(96)                      |
| INDIGO BUNTING           |      | 1     |    |     | 4    |     |       |       |       |       | 5 P11(3),C18(1),R12(1)                       |
| VARIED BUNTING           |      | 10    |    |     |      |     |       |       |       |       | 10 G5(10)                                    |
| PAINTED BUNTING          |      | 1     | 1  |     |      |     |       |       |       |       | 2 C5(1),R12(1)                               |
| DICKCISSEL               |      | 1     |    |     |      |     |       |       |       |       | 1 R12(1)                                     |
| GREEN-TAILED TOWHEE      |      | 88    |    |     | 35   |     | 16    | 2     | 51    | 192   | R12(35),C5(33),R2(16)                        |
| RUFIOUS-SIDED TOWHEE     |      | 6     |    | 1   | 32   |     |       | 13    | 5     | 57    | S10(17),R10(14),N9(13)                       |
| SPOTTED TOWHEE           |      | 28    |    |     | 671  |     | 9     | 254   | 251   | 1213  | R9(390),P11(149),B18(96)                     |
| BROWN TOWHEE             |      | 21    |    |     | 214  |     |       | 1     |       | 236   | C18(60),C1(42),B15(18)                       |
| ABERT'S TOWHEE           |      | 78    |    |     | 12   |     |       |       |       | 90    | B2(61),C3(15),S22(12)                        |
| CASSIN'S SPARROW         |      | 2     |    |     |      |     |       |       |       | 2     | W10(1),B12(1)                                |
| RUFIOUS-WINGED SPARROW   |      | 5     |    |     |      |     |       |       |       | 16292 | B2(4),C3(1)                                  |
| RUFIOUS-CROWNED SPARROW  |      | 18    |    |     | 37   |     |       |       |       | 55    | L3(23),C18(10),C20(7)                        |
| AMERICAN TREE SPARROW    | 955  |       |    | 6   | 2    |     |       |       | 124   | 1087  | A3(396),A8(347),M14(79)                      |
| CHIPPING SPARROW         | 21   | 1062  |    | 114 | 167  |     | 53    | 97    | 186   | 1700  | R12(877),C20(156),I1(143)                    |
| CLAY-COLORED SPARROW     |      | 44    |    | 144 | 25   |     | 1     |       | 7     | 221   | J4(143),R12(44),P11(25)                      |
| BREWER'S SPARROW         |      | 112   |    |     | 26   |     | 6     | 8     | 70    | 222   | R12(95),S7(50),C5(20)                        |
| BLACK-CHINNED SPARROW    |      |       |    |     | 3    |     |       |       |       | 3     | H3(1),C18(1),P11(1)                          |
| VESPER SPARROW           |      | 140   |    | 2   | 14   |     | 1     | 9     | 142   | 308   | C5(133),R12(133),P11(10)                     |
| LARK SPARROW             |      | 123   |    |     | 4    |     |       | 29    | 15    | 171   | R12(121),S28(27),C5(7)                       |
| BLACK-TH. SPARROW        |      | 83    |    |     | 20   | 2   | 2     |       |       | 107   | C19(51),N10(19),F3(14)                       |
| SAGE SPARROW             |      | 2     |    |     | 27   |     |       |       |       | 29    | C18(24),H3(1),B15(1),I1(1),<br>H13(1),N10(1) |
| LARK BUNTING             |      | 6     |    |     | 1    |     |       |       | 6     | 13    | C5(6),R12(6),P11(1)                          |
| SAVANNAH SPARROW         | 409  | 104   |    | 171 | 178  |     | 7     | 155   | 9     | 1033  | K4(151),C15(138),A8(113)                     |
| GRASSHOPPER SPARROW      |      | 2     |    |     | 10   |     |       |       |       | 12    | P11(8),B15(2),R12(2)                         |
| LE CONTE'S SPARROW       |      |       |    | 1   | 1    |     |       |       |       | 2     | J4(1),P11(1)                                 |
| SHARP-TAILED SPARROW     |      |       |    | 1   | 5    |     |       |       |       | 6     | S20(5),J4(1)                                 |
| FOX SPARROW              | 361  | 1     |    | 389 | 824  |     | 21    | 121   | 21    | 1738  | R9(452),C15(384),C1(145)                     |
| SONG SPARROW             | 36   | 150   |    | 401 | 1877 |     | 136   | 769   | 120   | 3489  | R9(735),C15(373),P11(315)                    |
| LINCOLN'S SPARROW        | 282  | 146   | 2  | 71  | 776  |     | 15    | 226   | 186   | 1704  | I1(347),A8(225),C1(168)                      |
| SWAMP SPARROW            |      | 1     |    | 26  | 4    |     |       |       | 2     | 33    | H12(14),J4(9),C5(2),C16(2),<br>P11(2)        |
| WHITE-TH.SPARR           | 1    | 5     |    | 128 | 32   |     | 4     | 3     | 5     | 178   | H12(53),P8(49),C9(14)                        |
| GOLDEN-CR. SPARR         | 167  | 3     |    | 6   | 1229 |     |       | 336   |       | 1741  | R9(465),C1(323),P11(246)                     |
| NUTTALL'S WH.-CR. SPARR. |      |       |    |     | 77   |     |       | 3     |       | 80    | P11(67),T7(8),H11(2),B15(2)                  |
| MOUNTAIN WH.-CR. SPARR.  |      | 79    |    |     | 56   |     | 1     | 39    | 82    | 257   | R12(67),S10(46),S16(41)                      |
| PUGET SND WH.-CR. SPARR. |      |       |    |     | 498  |     |       | 235   |       | 733   | C1(356),K4(162),P11(82)                      |
| GAMBEL'S WH.-CR. SPARR.  | 431  | 893   |    | 19  | 1065 |     | 94    | 110   | 303   | 2915  | R12(346),C18(303),C1(252)                    |
| WHITE-CR. SPARR          | 104  | 63    |    | 70  | 143  |     | 9     | 40    |       | 429   | R9(105),A8(104),C16(58)                      |
| HARRIS' SPARR            | 1    |       |    | 3   | 1    |     | 1     | 1     | 1     | 8     | P8(3),W1(1),M6(1),M14(1),<br>W6(1),P11(1)    |
| SLATE-COLORED JUNCO      | 1903 | 4     |    | 71  | 6    |     | 2     | 3     | 31    | 2020  | T1(905),I2(498),P10(229)                     |
| OREGON JUNCO             | 205  | 284   |    | 5   | 2099 |     | 312   | 1674  | 427   | 5006  | I1(1193),R9(646),S10(371)                    |
| GRAY-HEADED JUNCO        |      | 33    |    |     |      |     |       |       | 51    | 84    | R7(23),S16(12),C5(11),<br>S15(11)            |
| WHITE-WINGED JUNCO       |      |       |    |     |      |     |       |       | 7     | 7     | J8(5),C5(2)                                  |
| UNIDENT. DARK-EYED JUNCO | 638  | 24    |    | 427 | 1    |     |       | 9     | 1     | 1100  | A8(638),C9(25),C20(22)                       |
| MC COWN'S LONGSPUR       |      |       |    | 2   |      |     |       |       |       | 2     | L6(2)  |
| LAPLAND LONGSPUR         | 375  |       |    | 18  |      |     |       | 1     |       | 394   | W8(285),H16(84),C16(18)                      |
| CHESTNUT-COLL. LONGSPUR  |      |       |    | 225 |      |     |       |       |       | 225   | L6(225)                                      |
| SNOW BUNTING             | 171  |       |    |     |      |     |       |       |       | 171   | W8(139),H16(32)                              |
| BOBOLINK                 |      |       |    |     | 3    |     |       |       |       | 3     | P11(3)                                       |
| RED-WINGED BLACKBIRD     |      | 92    |    | 7   | 38   |     | 36    | 205   | 105   | 483   | K4(160),R12(75),M14(66)                      |
| TRICOLORED BLACKBIRD     |      |       |    |     | 1    |     |       |       |       | 1     | P11(1)                                       |
| WESTERN MEADOWLARK       |      | 10    |    |     | 1    |     |       |       | 13    | 24    | J8(13),R12(9),B2(1),P11(1)                   |
| YELLOW-HEADED BLACKBIRD  |      |       |    |     |      |     | 1     | 3     | 15    | 19    | J8(8),T3(7),K4(3)                            |
| RUSTY BLACKBIRD          | 10   |       |    |     |      |     |       |       |       | 10    | A8(9),A3(1)                                  |
| BREWER'S BLACKBIRD       |      |       |    | 3   | 30   |     |       | 62    |       | 95    | K4(59),I1(8),M7(6)                           |

| NAME                    | AK           | AZ/NM        | MX        | CAN          | CA           | HI           | ID/MT        | OR/WA        | WY/CO        | TOTAL         | HIGH BANDERS               |
|-------------------------|--------------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------------------|
|                         |              |              |           |              |              |              | NV           |              | UT           |               |                            |
| GREAT-TAILED GRACKLE    |              | 18           |           |              |              |              |              |              |              | 18            | S9(10),R12(7),H13(1)       |
| COMMON GRACKLE          |              |              |           |              |              |              | 21           |              | 46           | 67            | B7(21),W3(15),R7(10)       |
| BRONZED COWBIRD         |              | 1            |           |              |              |              |              |              |              | 1             | C20(1)                     |
| BROWN-HEADED COWBIRD    |              | 8            |           | 5            | 125          |              | 23           | 15           | 12           | 188           | T9(52),C1(26),R9(18)       |
| ORCHARD ORIOLE          |              | 2            |           |              | 2            |              |              |              |              | 4             | R12(2),P1(2)               |
| HOODED ORIOLE           |              | 1            |           |              | 14           |              |              |              |              | 15            | W7(7),B15(2),T9(2)         |
| BALTIMORE ORIOLE        |              |              |           | 6            | 2            |              |              |              |              | 8             | J4(6),P11(2)               |
| BULLOCK'S ORIOLE        |              | 33           |           |              | 143          |              | 12           | 46           | 42           | 276           | C1(82),R12(29),P11(26)     |
| NORTHERN ORIOLE         |              |              |           |              | 3            |              |              |              |              | 3             | B15(3)                     |
| SCOTT'S ORIOLE          |              | 6            |           |              | 1            |              |              |              |              | 7             | N10(3),C20(3),H3(1)        |
| GRAY-CROWNED ROSY-FINCH |              |              |           |              |              |              |              |              | 51           | 51            | D5(51)                     |
| BLACK ROSY-FINCH        |              |              |           |              |              |              |              |              | 4            | 4             | D5(4)                      |
| PINE GROSBEAK           |              |              |           | 38           | 9            |              |              |              |              | 47            | E3(37),C9(25),C16(13)      |
| PURPLE FINCH            |              |              |           | 91           | 808          |              |              | 536          |              | 1435          | R9(381),V4(266),B15(136)   |
| CASSIN'S FINCH          |              |              |           |              | 138          |              | 87           | 184          | 29           | 438           | S28(148),C18(61),I1(57)    |
| HOUSE FINCH             |              | 393          |           |              | 1779         | 17           | 76           | 973          | 971          | 4209          | K1(836),C1(761),K4(678)    |
| RED CROSSBILL           | 2            |              |           |              | 18           |              | 10           | 70           |              | 100           | S28(68),I1(12),R9(9)       |
| WHITE-WINGED CROSSBILL  | 141          |              |           |              |              |              | 1            |              | 2            | 144           | I2(129),T1(8),A8(4)        |
| COMMON REDPOLL          | 3728         |              |           | 1128         |              |              |              |              | 5            | 4861          | I2(1539),P10(1074),P5(686) |
| HOARY REDPOLL           | 395          |              |           | 15           |              |              |              |              |              | 410           | P10(172),I2(171),A8(19)    |
| PINE SISKIN             | 190          | 16           |           | 1191         | 498          |              | 274          | 847          | 619          | 3635          | P8(777),K4(377),K1(367)    |
| LESSER GOLDFINCH        |              | 48           |           |              | 460          |              |              | 30           | 93           | 631           | I1(201),P11(102),B18(82)   |
| LAWRENCE'S GOLDFINCH    |              |              |           |              | 8            |              |              | 1            |              | 9             | I1(3),H3(2),C18(2)         |
| AMERICAN GOLDFINCH      |              | 102          |           | 26           | 523          |              | 34           | 270          | 80           | 1035          | C1(331),K4(116),R9(105)    |
| EVENING GROSBEAK        |              |              |           | 74           | 13           |              | 128          | 43           | 26           | 284           | P5(62),B2(56),W6(39)       |
| PALILA                  |              |              |           |              |              | 14           |              |              |              | 14            | H17(14)                    |
| MAUI PARROTBILL         |              |              |           |              |              | 9            |              |              |              | 9             | H17(9)                     |
| COMMON AMAKIHI          |              |              |           |              |              | 558          |              |              |              | 558           | H17(521),H6(37)            |
| ANIANIAU                |              |              |           |              |              | 35           |              |              |              | 35            | H17(35)                    |
| AKIAPOLAAU              |              |              |           |              |              | 10           |              |              |              | 10            | H17(10)                    |
| AKIKIKI                 |              |              |           |              |              | 1            |              |              |              | 1             | H17(1)                     |
| HAWAII CREEPER          |              |              |           |              |              | 36           |              |              |              | 36            | H17(36)                    |
| MAUI CREEPER            |              |              |           |              |              | 33           |              |              |              | 33            | H17(33)                    |
| AKEPA                   |              |              |           |              |              | 51           |              |              |              | 51            | H17(51)                    |
| IIWI                    |              |              |           |              |              | 515          |              |              |              | 515           | H17(514),H6(1)             |
| CRESTED HONEYCREEPER    |              |              |           |              |              | 33           |              |              |              | 33            | H17(33)                    |
| APAPANE                 |              |              |           |              |              | 432          |              |              |              | 432           | H17(424),H6(8)             |
| NUTMEG MANAKIN          |              |              |           |              |              | 23           |              |              |              | 23            | H6(14),H15(9)              |
| HOUSE SPARROW           |              | 2            |           |              | 73           | 1            | 7            | 17           | 15           | 115           | M3(66),C5(15),M6(9)        |
| NUTMEG MANNIKIN         |              |              |           |              |              | 9            |              |              |              | 9             | H17(9)                     |
| <b>Totals</b>           | <b>26818</b> | <b>10537</b> | <b>57</b> | <b>47618</b> | <b>66784</b> | <b>13828</b> | <b>24138</b> | <b>25878</b> | <b>16071</b> | <b>248016</b> |                            |

Thanks goes to the following interns/staff who helped with the task of mailing survey sheets and entering data:  
 Jill Bernhard, Chris Fischer, Connie Garret, Bruce Katano, Diane Kodama, and Steve Morris



# SUMMARY REPORT OF BANDING IN THE WESTERN REGION IN 1994

## 249 RESPONDING BANDERS

| CODE | NAME  | ADDRESS  | SPECIES BANDED |       |
|------|---|--|----------------|-------|
| A8   | Alaska Bird Observatory (Tom Pogson)                      | P.O. Box 80505, Fairbanks, AK 99708                          | 49             | 5443  |
| A6   | Alaska Maritime NWR - Alutian Island Unit (Jeff Williams) | PSC 486, Box 5251, FPO, AK 96506                             | 6              | 289   |
| A3   | Alaska Peninsula/Becharof NWRC (Donna Dewhurst)           | P.O. Box 535, King Salmon, AK 99613                          | 32             | 3367  |
| A1   | Aldrich, Tom  | 1596 W. North Temple, S.L.C. UT 84123                        | 7              | 1988  |
| A5   | Alisaukas, Ray  | 115 Perimeter Rd., Saskatoon, SK S7N 0X4                     | 5              | 6247  |
| A7   | Altman, Bob   | 18000 SE Vogel Rd., Boring, OR 97009                         | 53             | 1241  |
| A2   | Anderson, Jon D.  | 2102 Walnut Road NW, Olympia, WA 98502                       | 36             | 251   |
| A4   | Arizona Game & Fish Department                            | 2221 W. Greenway Rd., Phoenix, AZ 85023                      | 3              | 42    |
| B9   | Balgooten, Thomas G.                                      | San Jose State University, San Jose, CA 95192                | 1              | 7     |
| B19  | Bear River Migratory Bird Refuge                          | 866 S. Main, Brigham City, UT 84302                          | 4              | 634   |
| B6   | Belthoff, Jim   | Boise State University, Boise, ID 83725                      | 4              | 78    |
| B16  | Benedict, Richard   | 780 E. 38th Ave., Eugene, OR 97405                           | 23             | 422   |
| B4   | Benkman, Craig W.   | New Mexico State University, Las Cruces, NM 88003            | 1              | 1     |
| B1   | Benton Lake National Wildlife Refuge                      | P.O. Box 450, Black Eagle, MT 59414                          | 5              | 2190  |
| B17  | Beyersbergen, Gerard                                      | 4998 98 Ave., Room 200, Edmonton, AB T6B 2X3                 | 1              | 36    |
| B15  | Big Sur Ornithology Lab, Ventana Wilderness Sanctuary     | HC 67 Box 99, Coast Route, Monterey, CA 93940                | 91             | 4997  |
| B11  | Bishop, Marcella M.                                       | 750 Rocky Point Rd., Polson, MT 59860                        | 1              | 36    |
| B18  | Blackshaw, Susan  | 1530 Robidoux Circle, Colorado Springs, CO 80915             | 37             | 538   |
| B7   | Blackshaw, Susan R.                                       | 1530 Robidoux Circle, Colorado Springs, CO 80915             | 63             | 508   |
| B14  | Boag, David A.  | 6746 Amwell Drive, Brentwood Bay, B.C., V8M 1A4 Canada       | 8              | 29    |
| B12  | Boekeheide, Bob   | 6271 W. Wapato Rd., Wapato, WA 98951                         | 4              | 127   |
| B21  | Bonar, Rick   | 760 Switzer Dr., Hinton, AB T7V 1V7                          | 1              | 16    |
| B20  | Bontrager, David R.                                       | 80645 Lost Creek Rd., Dexter, OR 97431                       | 2              | 449   |
| B3   | Botelho, Eugene S.  | P.O. Box 30001/Dept. 3AF, Las Cruces, NM 88003               | 1              | 93    |
| B5   | Bowdin National Wildlife Refuge                           | HC 65 Box 5700, Malta, MT 59538                              | 11             | 454   |
| B10  | Brady, George L.  | P.O. Box 535, Pateros, WA 98846-0535                         | 5              | 1141  |
| B22  | British Columbia Wildlife Branch                          | 780 Blanshard St., Victoria, BC V8V 1X4                      | 6              | 89    |
| B13  | Browns Park National Wildlife Refuge                      | 1318 Hwy. 318, Maybell, CO 81640                             | 4              | 208   |
| B8   | BLM - Oregon State Office (Joe Lint)                      | 777 Garden Valley Blvd., Roseburg, OR 97470                  | 46             | 1304  |
| B2   | Burk, Kathryn B.  | 2738 West Casas Drive, Tucson, AZ 85741                      | 114            | 2164  |
| C13  | CWS (Ursula Banasch)                                      | 4999 98 Avenue, Edmonton, AB T6B 2X3                         | 2              | 59    |
| C12  | California Waterfowl Association (Robert McLandress)      | 4630 Northgate Blvd., Suite 150, Sacramento, CA 95834        | 11             | 10690 |
| C2   | Camas National Wildlife Refuge                            | 2150 E. 2350 N., Hamer, ID 83425                             | 6              | 271   |
| C10  | Canadian Wildlife Service (Paul Pryor)                    | 4999-98 Ave., Edmonton, AB T6B 2X3                           | 16             | 16850 |
| C16  | Canadian Wildlife Service - Whitehorse                    | P.O. Box 6010, Whitehorse, YU Y1A 5L7                        | 47             | 2290  |
| C18  | Carlson, Barbara A.                                       | P.O. Box 55419, Riverside, CA 92517                          | 80             | 2897  |
| C11  | Channing, Edward C.                                       | 1115 Sierra Drive, Turlock, CA 95380                         | 2              | 174   |
| C20  | Church, Jane P.   | Papago Springs Road, P.O. Box 39, Sonoita, AZ 85637          | 39             | 465   |
| C8   | Clonse, David (George Walters)                            | AFZH-DEQ, ATTN: Fish and Wildlife, Fort Lewis, WA 98433-5000 | 2              | 324   |
| C21  | Collins, Cliff  | P.O. Box 698, Cordova, AK 99574                              | 5              | 184   |
| C9   | Collister, Doug   | 3426 Lane Cr. S.W., Calgary, AB T3E 5X2                      | 67             | 918   |
| C5   | Colorado Bird Observatory                                 | 13401 Piccadilly Rd., Brighton, CO 80601                     | 101            | 3318  |
| C4   | Colorado Division of Wildlife (Howard Funk)               | 317 W. Prospect, Fort Collins, CO 80526                      | 8              | 2514  |
| C19  | Colorado Plateau Research Station-NBS                     | Northern Arizona University, Flagstaff, AZ 86011             | 15             | 146   |
| C6   | Columbia National Wildlife Refuge (Randy Hill)            | 735 E. Main, P.O. Box F, Othello, WA 99344                   | 10             | 1618  |
| C15  | Cooke, Fred   | Simon Fraser University, Burnaby, BC V5A 1S6                 | 37             | 3068  |
| C3   | Corchran, C.E.  | 7214 E. Camino Vecino, Tucson, AZ 85715                      | 57             | 640   |
| C14  | Court, Dr. Gordon   | 10 Yew Ct., Sherwood Park, AB T8A 1H9                        | 7              | 25    |
| C1   | Coyote Creek Riparian Station                             | P. O. Box 1027, Alviso, CA 95002                             | 104            | 6460  |
| C17  | Cromie, Ray   | 127 Marion Dr., Sherwood Park, AB T8A 2G8                    | 15             | 341   |
| C7   | Crossin, R.S.   | 1719 N. Huachuca Ave., Tucson, AZ 85745                      | 7              | 37    |
| D2   | Danner, Bob   | 8723 79 Ave., Edmonton, AB T6C 0R5                           | 3              | 274   |
| D1   | DeLong, Russ  | 42 Glen Dr., Mill Valley, CA 94941                           | 3              | 24    |
| D4   | Dillingham, Colin   | 437 Azalea Park Rd., Brookings, OR 97415                     | 40             | 291   |
| D3   | Dorio, John C.  | 8321 Wellsley Court, Anchorage, AK 99507                     | 31             | 526   |
| D5   | Duffy, Katy   | Box 26, Moose, WY 83012                                      | 4              | 62    |
| E2   | East Bay Regional Parks (Joseph E. DiDonato)              | 2950 Peralta Oaks Court, Oakland, CA 94605-0381              | 5              | 13    |
| E4   | Eltzroth, Elsie K.  | 6980 NW Cardinal Dr., Corvallis, OR 97330                    | 6              | 482   |
| E1   | Eng, Robert L.  | 2310 Highland Court, Bozeman, MT 59715                       | 3              | 5     |

| CODE | NAME  | ADDRESS   | SPECIES BANDED |       |
|------|---|---|----------------|-------|
| E5   | Ervin, Stephen                                      | California State University Fresno, Fresno, CA 93740-0073 | 3              | 7     |
| E3   | Eskelin, Todd D.                                    | HC 1 Box 1430, Soldotna, AK 99669                         | 30             | 381   |
| F8   | Falcon Research Group (C.M. Anderson)               | Box 248, Bow, WA 98232                                    | 13             | 402   |
| F10  | Ferguson, Howard L.                                 | 9634 Hunter Point Rd. NW, Olympia, WA 98502               | 14             | 67    |
| F7   | Finley, J.C.  | 61 East White Croft, Sherwood Park, AB T8B 1B7            | 2              | 102   |
| F5   | Fish Springs National Wildlife Refuge               | P.O. Box 568, Dugway, UT 84022                            | 26             | 191   |
| F3   | Fister, George F.                                   | 653 Kingman Ave., Santa Monica, CA 90402                  | 5              | 24    |
| F12  | Fleming, Tracy L.                                   | 23308 NE 148th St., Brush Prairie, WA 98606               | 13             | 266   |
| F1   | Forestry Sciences Lab (Mary F. Willson)             | 2770 Sherwood Lane, Juneau, AK 99801                      | 19             | 223   |
| F6   | Forestry and Range Sciences Lab (Evelyn Bull)       | 1401 Gekeler Lane, LaGrande, OR 97850                     | 2              | 330   |
| F4   | Forsman, Eric D.                                    | 3200 SW Jefferson, Corvallis, OR 97331                    | 3              | 189   |
| F2   | Franklin, Alan                                      | 201 Wagor, Colorado State Univ., Fort Collins, CO 80523   | 1              | 56    |
| F9   | Fresno Wildlife Rehabilitation                      | P.O. Box 9032, Fresno, CA 93790                           | 10             | 111   |
| F11  | Fry, D.M.   | University of California Davis, Davis, CA 95616           | 5              | 102   |
| G6   | Gaines, R.C.  | 4500 Columbia St., Vancouver, WA 98663                    | 10             | 207   |
| G2   | Garrison, Barry                                     | 1613 Costa Verde St., Davis, CA 95616                     | 1              | 436   |
| G1   | Geis, Mary  | 13870 Kelly Canyon Road, Bozeman, MT 59715                | 4              | 1236  |
| G7   | George, T. Luke                                     | Humboldt State University, Arcata, CA 95521               | 21             | 293   |
| G4   | Gilbert, William M.                                 | 4630 Driftwood Ct., El Sobrante, CA 94803                 | 1              | 16    |
| G8   | Greaves, Jim  | P.O. Box 2036, Goleta, CA 93118-2036                      | 1              | 3     |
| G3   | Green, Helen A.                                     | 2001 Yolo Ave., Berkeley, CA 94707                        | 9              | 54    |
| G5   | Groschupf, Dr. Kathleen                             | 415 E. Citation Lane, Tempe, AZ 85284                     | 1              | 10    |
| H4   | Halekas, George                                     | 2 John St., Okanogan, WA 98840                            | 8              | 1772  |
| H7   | Halstead, Bruce G.                                  | 3623 Trinity Street, Eureka, CA 95501-2742                | 9              | 115   |
| H12  | Hannon, Dr. S.                                      | University of Alberta, Edmonton, AB T6G 2E9               | 33             | 459   |
| H9   | Harmata, Al   | 5825 S. 19th Rd., Bozeman, MT 59715                       | 8              | 86    |
| H1   | Hastings Reservation (Walt Koenig)                  | 38601 E. Carmel Valley Rd., Carmel Valley, CA 93924       | 21             | 917   |
| H17  | Hawaii Field Station - NBS (Dr. James Jacobi)       | P.O. Box 44, Hawaii National Park, HI 96718               | 21             | 2880  |
| H6   | Hawaii Volcanoes National Park                      | P.O. Box 52, Hawaii National Park, HI 96718               | 10             | 291   |
| H15  | Hawaiian Islands National Wildlife Refuge           | P.O. Box 50167, Honolulu, HI 96850                        | 17             | 10431 |
| H16  | Helmericks, James W.                                | Colville Village Via Pouch 340109, Prudhoe Bay, AK 99734  | 17             | 294   |
| H11  | Hiebert, Dave                                       | P.O. Box 2515, Gearhart, OR 97138                         | 19             | 447   |
| H13  | Hodgetts, Patti                                     | P.O. Box 933, Flagstaff, AZ 86002-0933                    | 57             | 639   |
| H3   | Hogg, Norman D.                                     | 5629 Cedros Ave., Van Nuys, CA 91411                      | 57             | 844   |
| H10  | Holt, Denver W.                                     | P.O. Box 8335, Missoula, MT 59807                         | 5              | 131   |
| H5   | Howland, Steven K.                                  | 1107 Lakeview St., Bellingham, WA 98226                   | 1              | 163   |
| H8   | Hubbard, John P.                                    | P.O. Box 182, Glenwood, NM 88039                          | 12             | 75    |
| H2   | Hull, Angus C. "Buzz"                               | 801 Chamberlain Court, Mill Valley, CA 94941              | 3              | 50    |
| H14  | Hunt, Grainger                                      | 4552-A Paul Sweet Rd., Santa Cruz, CA 95065               | 1              | 57    |
| I2   | Inst. of Arctic Biology (Pierre Deviche)            | Univ. Alaska Fairbanks, Fairbanks, AK 99775-7000          | 20             | 2456  |
| I1   | Institute for Bird Populations                      | P. O. Box 1346, Point Reyes Station, CA 94956             | 117            | 10719 |
| I3   | Izembek National Wildlife Refuge (Christine P. Dau) | P.O. Box 127, Cold Bay, AK 99571                          | 12             | 4223  |
| J2   | Jarvis, Robert L.                                   | Oregon State University, Corvallis, OR 97331              | 1              | 32    |
| J1   | Johnson, D.R. (W.E. Melquist)                       | University of Idaho, Moscow, ID 83843                     | 1              | 107   |
| J6   | Johnson, Lois                                       | P.O. Box 555, Provost, AB T0B 3S0                         | 2              | 407   |
| J7   | Johnson, Oscar W.                                   | Montana State University, Bozemon, MT 59717               | 1              | 7     |
| J3   | Johnson, Virginia P.                                | 4637 Del Mar Ave., San Diego, CA 92107                    | 25             | 318   |
| J4   | Jones, Dr. Edgar T.                                 | 43 Westbrook Drive, Edmonton, AB T6J 2C8                  | 74             | 2405  |
| J5   | Jones, Elinor G.                                    | 71167 Hwy. 83, Bigfork, MT 59911                          | 38             | 602   |
| J8   | Jones, Stephanie                                    | P.O. Box 25486, Denver, CO 80225                          | 55             | 597   |
| K14  | Kawiti National Wildlife Refuge                     | 101 12th Avenue, Box 11, Fairbanks, AK 99712              | 1              | 142   |
| K3   | Keane, Kathy  | 5546 Parkcrest St., Long Beach, CA 90808                  | 1              | 52    |
| K2   | Keller, Kent R.                                     | 40 E. Miller Street, Bsmt., Murray, UT 84107              | 1              | 15    |
| K9   | Kennedy, Dr. Patricia L.                            | Colorado State University, Ft. Collins, CO 80523          | 2              | 18    |
| K12  | Kerbes, Richard                                     | 115 Perimeter Rd., Saskatoon, SK S7N 0X4                  | 3              | 1988  |
| K1   | Killpack, Merlin L.                                 | 1726 24 St., Ogden, UT 84401                              | 37             | 1882  |
| K11  | Kinnaird, John S.                                   | Site 11, Box 17, RR#2, Barrhead, AB T7N 1N3               | 3              | 218   |
| K5   | Kirkley, John S.                                    | Western Montana College, Dillon, MT 59725                 | 3              | 8     |
| K7   | Klamath Basin National Wildlife Refuge Complex      | Rt. 1 Box 74, Tulelake, CA 96134                          | 8              | 2393  |
| K6   | Klamath Marsh National Wildlife Refuge              | HC63 Box 303, Chiloquin, OR 97624                         | 11             | 1024  |
| K13  | Klamath National Forest (Brian Woodbridge)          | 1312 Fairlane Rd., Yreka, CA 96097                        | 6              | 138   |
| K8   | Koyukuk/Nowitna National Wildlife Refuge            | P.O. Box 287, Galena, AK 99741                            | 4              | 443   |
| K4   | Kridler, Eugene (Jack Fletcher)                     | 951 E. Oak St., Sequim, WA 98392                          | 48             | 2280  |
| K10  | Kus, Dr. Barbara                                    | San Diego State University, San Diego, CA 92182           | 1              | 194   |
| L2   | LaHaye, Bill  | P.O. Box 523, Big Bear City, CA 92314                     | 1              | 93    |
| L4   | Lank, Dr. David                                     | Simon Fraser University, Burnaby BC V5A 1S6               | 1              | 20    |

| CODE | NAME   | ADDRESS   | SPECIES BANDED |       |
|------|--|---|----------------|-------|
| L1   | Lee Metcalf National Wildlife Refuge                   | P.O. Box 257, Stevensville, MT 59870                              | 41             | 768   |
| L6   | Lein, M. Ross  | University of Calgary, Calgary, AB T2N 1N4                        | 13             | 503   |
| L3   | Ludwig II MD, Frederick E.                             | 2 Williams St. Quarters B, Oakland, CA 94605                      | 24             | 326   |
| L5   | Lyon, Bruce  | The University of Calgary, Calgary, AB T2N 1N4                    | 1              | 104   |
| M4   | Mannan, Robert W.                                      | 214 Biol. Sci. E., SRNR, Univ. of Arizona, Tucson, AZ 85721       | 3              | 95    |
| M9   | Manolis, Tim   | 808 El Encino Way, Sacramento, CA 95864                           | 6              | 47    |
| M13  | Manomet Observatory for Conservation Sciences          | P.O. Box 1770, Manomet, MA 02345                                  | 2              | 187   |
| M14  | Martin, S. G.  | 7121 N. County Road 9, Wellington, CO 80549                       | 21             | 347   |
| M11  | Maurer, Brian  | Brigham Young University, Provo, UT 84602                         | 1              | 327   |
| M3   | McClure, H. Elliott                                    | 69 East Loop Drive, Camarillo, CA 93010-2327                      | 27             | 694   |
| M1   | McEwen, Lowell C.                                      | Colorado State University, Fort Collins, CO 80523                 | 2              | 464   |
| M6   | Merrick, George G.                                     | 3090 N.E. 27th St., Bend, OR 97701                                | 16             | 193   |
| M8   | Michael Jr., John                                      | 600 Capitol Way N., Olympia, WA 98501-1091                        | 2              | 6     |
| M7   | Modoc National Wildlife Refuge (Ronnie L. Ryno)        | P.O. Box 1610, Alturas, CA 96101                                  | 53             | 1813  |
| M2   | Montana Cooperative Wildlife Research Unit             | University of Montana, Missoula, MT 59812                         | 29             | 853   |
| M16  | Montana Fish, Wildlife and Parks                       | 1420 E. 6th Ave., Helena, MT 59620                                | 15             | 10466 |
| M15  | Montana Natural Heritage Program                       | P.O. Box 201800, Helena, MT 59620-1800                            | 2              | 701   |
| M10  | Monterey Bay Aquarium                                  | 886 Cannery Row, Monterey, CA 93940                               | 1              | 2     |
| M12  | Mountain Bluebird Trails (D. J. Mackintosh)            | 1831 20TH Ave. South, Lethbridge, AB T1K 1G3                      | 2              | 3883  |
| M5   | Murphy, Edward C.                                      | University of Alaska Fairbanks, Fairbanks, AK 99775               | 2              | 161   |
| N6   | NBS-Southern Science Center (Joe Moore)                | 700 Cajundome Blvd., Lafayette, LA 70506                          | 3              | 204   |
| N10  | NBS-Texas Coop. Fish and Wildlife Research Unit        | Texas Tech. University, Lubbock, TX 79409-2125                    | 31             | 122   |
| N2   | Nevada Division of Wildlife (Norman Saabe)             | 380 W. "B" St., Fallon, NV 89406                                  | 1              | 4     |
| N7   | National Audobon Society Starr Ranch Sanctuary         | P.O. Box 967, Trabuco Canyon, CA 92678                            | 4              | 33    |
| N3   | National Biological Survey (Michael N. Kochert)        | 3948 Development Ave., Boise, ID 83705                            | 8              | 554   |
| N11  | National Parks Service (Brad Sholts)                   | P.O. Box 1029, Kotzebue, AK 99752                                 | 18             | 254   |
| N9   | The Nature Conservancy (Mark Stern)                    | 1205 NW 25th, Portland, OR 97210                                  | 25             | 370   |
| N8   | Nisqually National Wildlife Refuge Complex             | 100 Brown Farm Rd., Olympia, WA 98516                             | 5              | 129   |
| N4   | North Central Forest Exp. Station (Thomas H. Nicholls) | 1992 Folwell Ave., St. Paul, MN 55108                             | 8              | 48    |
| N5   | Northwest Ecological Research Institute                | 130 NW 114th, Portland, OR 97229                                  | 1              | 356   |
| N1   | Northwest Research Station (Charles J. Henry)          | 3080 SE Clearwater Drive, Corvallis, OR 97333                     | 3              | 110   |
| O2   | Oregon Coastal Refuges (Roy W. Lowe)                   | USFWS, 2030 S. Marine Science Drive, Newport, OR 97365            | 5              | 694   |
| O4   | Oregon Cooperative Wildlife Research Unit              | Oregon State University, 104 Nash Hall, Corvallis, OR 97331-3803  | 1              | 232   |
| O1   | Orians, Dr. Gordon H.                                  | Dept. Zoology, NJ-15, Univ. of Washington, Seattle, WA 98195      | 1              | 41    |
| O3   | Osokow, M.B.   | 22035 Burbank Bl., #310, Woodland Hills, CA 91367                 | 2              | 27    |
| O5   | Ourray National Wildlife Refuge (Kelli Stone)          | 166 West 100 North, #2, Vernal, UT, 84078                         | 2              | 426   |
| P6   | Pacific Island Ecoregion - USFWS                       | 300 Ala Moana Blvd., P.O. Box 50167, Room 6307, Honolulu, HI 9685 | 4              | 61    |
| P4   | Pacific NW - Forestry Sciences Lab                     | 3625 93rd Ave. SW, Olympia, WA 98512                              | 1              | 8     |
| P9   | Paw, Don S.  | 801 N. Woodridge Dr., Layton, UT 84040                            | 2              | 10    |
| P3   | Peninsula Humane Society                               | 12 Airport Blvd., San Mateo, CA 94401                             | 1              | 6     |
| P7   | The Peregrine Fund                                     | 5666 West Flying Hawk Lane, Boise, ID 83709                       | 1              | 124   |
| P10  | Peyton, Leonard J.                                     | 1790 Red Fox Drive, Fairbanks, AK 99709-6624                      | 20             | 1604  |
| P2   | Platt, Steve   | 980 Cliff St., Lander, WY 82520                                   | 4              | 49    |
| P8   | Pletz, Erhard  | 6915 - 87 Ave., Edmonton, AB T6B 0L5                              | 56             | 3153  |
| P11  | Point Reyes Bird Observatory                           | 4990 Shoreline Highway, Stinson Beach, CA 94970                   | 157            | 9519  |
| P1   | Powers, Don  | Biology Dept., George Fox College, Newberg, OR 97132              | 12             | 88    |
| P5   | Prescott, David R. C.                                  | P.O. Box 93, Site 310, RR#3, Stony Plain, AB T7Z 1X3              | 28             | 911   |
| R10  | Ranlett, John  | 935 Santorini Lane, Lincoln, CA 95648                             | 33             | 166   |
| R5   | Ream, Dr. C. H.  | 15506 Kendall Cr. Rd., Crinton, MT 59825                          | 4              | 4     |
| R9   | Redwood Science Lab (C. J. Ralph)                      | 1200 Bayview Dr., Arcata, CA 95521                                | 94             | 10088 |
| R8   | Redwood Sciences Laboratory - USFWS                    | 1700 Bayview Dr., Arcata, CA 95521                                | 1              | 89    |
| R2   | Reed, Michael  | Univ. of Nevada, ERS/18a, 1000 Valley Rd, Reno, NV 89512          | 5              | 217   |
| R3   | Restani, Marco   | Dept. of Biology, Montana State Univ., Bozeman, MT 59717          | 1              | 32    |
| R4   | Ridgefield National Wildlife Refuge                    | P.O. Box 457, Ridgefield, WA 98642                                | 5              | 206   |
| R12  | Rio Grande Bird Research, Inc. (Steve Cox)             | 4426 San Isidro NW, Albuquerque, NM 87107                         | 93             | 4914  |
| R11  | Ritchie, Bob   | 2671 Black Sheep Rd., Fairbanks, AK 99709                         | 2              | 50    |
| R6   | Rocky Mtn. Forest & Range Exp. Sta.                    | 240 W. Prospect, Fort Collins, CO 80524                           | 3              | 44    |
| R1   | Ruby Lake National Wildlife Refuge                     | HC 60 Box 860, Ruby Valley, NV 89833                              | 8              | 315   |
| R13  | Russell, Ruth  | 2850 North Camino de Oeste, Tucson, AZ 85745                      | 7              | 478   |
| R7   | Ryder, Dr. Ronald A.                                   | Colorado State University, Fort Collins, CO 80523                 | 46             | 890   |
| S17  | Sacramento NWR Complex (Greg Mensik)                   | 752 County Road 99 W., Willows, CA 95988                          | 6              | 688   |
| S13  | Sakai, Howard  | 1125 16th Street, Arcata, CA 95521                                | 13             | 128   |
| S22  | Salton Sea National Wildlife Refuge                    | P.O. Box 120, Calipatria, CA 92233-0120                           | 34             | 297   |
| S29  | San Luis National Wildlife Refuge (Dennis Woolington)  | 947 C West Pacheco Blvd., Los Banos, CA 9012                      | 1              | 271   |
| S15  | Sandell, Catherine                                     | 8101 N. Main, Las Cruces, NM 88012                                | 31             | 217   |

| CODE | NAME  | ADDRESS   | SPECIES BANDED |      |
|------|---|---|----------------|------|
| S9   | Schemnitz, Dr. Sanford                                | Box 30003/Dept. 4901 N.M. State Univ., Las Cruces, NM 88003       | 5              | 40   |
| S26  | Schempf, Philip F.                                    | 3000 Vintage Bl., Suite 240, Juneau, AK 99801-7100                | 2              | 34   |
| S23  | Schmutz, Josef K.                                     | University of Saskatchewan, Saskatoon, SK S7N 0W0                 | 5              | 237  |
| S24  | Scholes, R.T.   | Box 117, Rodeo, NM 88056-0117                                     | 8              | 45   |
| S16  | Schultz, Chris  | 305 Pine Valley Rd., Bayfield, CO 81122                           | 36             | 438  |
| S19  | Seaman, D. Erran                                      | 600 East Park Ave., Port Angeles, WA 98362                        | 1              | 39   |
| S7   | Seedskadee National Wildlife Refuge                   | Box 700, Green River, WY 82935-0700                               | 44             | 497  |
| S10  | Sierra Nevada Field Campus (Jim Steele)               | 1159 Manzanita Dr., Pacifica, CA 94044                            | 69             | 4598 |
| S8   | Simmons, Steve  | 2499 5th Ave., Merced, CA 95340                                   | 4              | 417  |
| S6   | Simpson Timber Company (Lowell Diller)                | P.O. Box 1169, Arcata, CA 95521                                   | 1              | 143  |
| S18  | Smith, E. Linwood                                     | 3260 N. Dold Ct., Tucson, AZ 85749                                | 5              | 54   |
| S20  | Smith, Gregory  | P.O. Box 2002, Morro Bay, CA 11                                   | 12             | 145  |
| S2   | Smith, James A.                                       | 1857 Hwy 66 Moraine Rte, Estes Park, CO 80517                     | 3              | 46   |
| S4   | Speich, Steven M.                                     | 4720 N. Oeste Place, Tucson, AZ 85749                             | 2              | 7    |
| S5   | Stafford, Michael                                     | 908 W. Pico, Fresno, CA 93705                                     | 5              | 8    |
| S1   | Stahlecker, Dale W.                                   | 30 Fonda Road, Santa Fe, NM 87505                                 | 7              | 113  |
| S11  | Stapleton, Jim  | P.O. Box 50, Joyce, WA 98343                                      | 1              | 48   |
| S28  | Stephens, Dan   | 1300 Fifth St., Wenatchee, WA 98801                               | 51             | 984  |
| S21  | Stiles, Donald J.                                     | 20 Lake Wapta Rise SE, Calgary, AB T2J 2M9                        | 4              | 2987 |
| S3   | Stillwater National Wildlife Refuge (W.G. Henry)      | P.O. Box 1236, Fallon, NV 89406                                   | 5              | 948  |
| S27  | Sturts, Shirley G.                                    | East 4615 Fernon Lake Rd., Coeur d'Alene, ID 83814                | 2              | 22   |
| S25  | Svingen, Dan  | P.O. Box 132, Grandeville, ID 83530                               | 3              | 4    |
| S7   | Swern, Ted  | 1412 Airport Way, Fairbanks, AK 99701                             | 11             | 142  |
| S12  | Swisher, Otis D.                                      | P.O. Box 1582, Medford, OR 97501-0120                             | 8              | 50   |
| T9   | Tainter, Fern R.                                      | 3747 86 Vista Campanas S., Oceanside, CA 92057                    | 40             | 634  |
| T1   | Tetlia National Wildlife Refuge (Terry J. Doyle)      | P.O. Box 779, Tok, AK 99780                                       | 39             | 3096 |
| T3   | Thorne Ecological Institute (Dr. Oakleigh Thorne, II) | 5398 Manhattan Circle, Suite 120, Boulder, CO 80303-4239          | 15             | 418  |
| T12  | Tiller, Brett   | P.O. Box 999, Richland, WA 99337                                  | 2              | 146  |
| T6   | Travis, Neil M.                                       | 411 South E. Street, Livingston, MT 59047                         | 7              | 69   |
| T8   | Troetschler, Ruth                                     | 184 Lockhart Lane, Los Altos, CA 94022                            | 7              | 34   |
| T5   | Troy Ecological Research Associates                   | 2322 E. 16 th Ave., Anchorage, AK 99508                           | 2              | 37   |
| T4   | Trøst, C.   | Biology, Box 8007, Idaho State University, Pocatello, ID 83209    | 1              | 219  |
| T10  | Tuttle, Kenneth C.                                    | 457 E. Lakeview Dr., Elk Ridge, UT 84651                          | 2              | 5    |
| T2   | Tweit, Robert C.                                      | 3116 N. Willow Creek Dr., Tucson, AZ 85712                        | 11             | 32   |
| T7   | Tyler, William B.                                     | Long Marine Lab, 100 Shaffers Rd., Santa Cruz, CA 95060           | 26             | 133  |
| T11  | Tyrrell, Robert                                       | 3312 California Ave., El Monte, CA 91731                          | 3              | 28   |
| U4   | U.S. Army Corps of Engineers (Cynthia Samples)        | P.O. Box 310, Newport, WA 99156                                   | 12             | 66   |
| U3   | U.S. Fish & Wildlife Service                          | P.O. Box 700, Umatilla, OR 97882                                  | 1              | 63   |
| U2   | USDA-APHIS-ADC Denver Wildlife Research Center        | P.O. Box 25266, Denver, CO 80225                                  | 8              | 967  |
| U1   | USDA-APHIS-Animal Damage Control                      | 720 O'Leary St. NW, Olympia, WA 98502                             | 1              | 750  |
| V5   | Valentine, Brad                                       | P.O. Box 670, Santa Rosa, CA 95402                                | 5              | 5    |
| V3   | Varland, Daniel E.                                    | 9 Harborview Court, Hoquiam, WA 98550                             | 3              | 4    |
| V2   | Verner, Dr. Jared                                     | 2081 E. Sierra Ave., Fresno, CA 93710-4639                        | 10             | 161  |
| V1   | Voget, Ken  | 6357 Mint Frost Way, Las Vegas, NV 89108                          | 13             | 105  |
| V4   | Vroman, Dennis P.                                     | 269 Shetland Dr., Grants Pass, OR 97526                           | 57             | 1092 |
| W2   | Waage, Bruce  | 3105 Arvin Rd., Billings, MT 59102                                | 3              | 22   |
| W7   | Wasserman, Jan  | 1158 Beechwood St., Camarillo, CA 93010                           | 26             | 865  |
| W9   | West, George C.                                       | P.O. Box 841, Homer, AK 99603                                     | 24             | 480  |
| W10  | West, Steve   | P.O. Box 2489, Carlsbad, NM 88220                                 | 12             | 632  |
| W4   | Willapa National Wildlife Refuge (Alan Clark)         | HC01, Box 910, Ilwaco, WA 98624                                   | 2              | 76   |
| W1   | Williams, Dr. Ralph B.                                | P.O. Box 32354, Juneau, AK 99803-2354                             | 14             | 316  |
| W8   | Wingfield, John C.                                    | University of Washington, Box 351800, Seattle, WA 98195-1800      | 22             | 832  |
| W3   | Wolf, Carl E.   | 2390 N. 9th Rd., Worden, MT 59088-2004                            | 10             | 78   |
| W5   | Work, Dr. Thierry                                     | 300 Ala Moana Blvd., P.O. Box 50167, Room 6307, Honolulu, HI 9685 | 2              | 154  |
| W6   | Wright, Philip L. (Jeff Marks, John Ormiston)         | University of Montana, Missoula, MT 59812                         | 56             | 595  |
| Y1   | Yukon Charley Rivers National Preserve (Kevin Fox)    | P.O. Box 167, Eagle, AK 99738                                     | 19             | 147  |
| Y2   | Yukon Flats National Wildlife Refuge (Ted Heuer)      | 101 12 th Ave., Room 110, Fairbanks, AK 99701                     | 5              | 1024 |
| Z1   | Zemba, Richard  | 24821 Buckboard Lane, Laguna Hills, CA 92653                      | 1              | 8    |