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North American Bird Bander

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when both years were combined. Overall, an edge effect was not seen in 1993, although cowbird parasitism tended to be higher closer to edges (particularly clear cuts) and predation tended to be higher closer to small forest openings.

Cowbird parasitism was negatively associated with forest cover within 3 km of a site for both years. However, parasitism rates were very low in both

years (less than 10% of the nests on most plots) and had minor effects on the reproductive success of species.

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Western Regional News

Western Bird Banding Association

Founded 1925

ANNUAL REPORT

The following pages contain the 1993 Annual Report, again compiled by Coyote Creek Riparian Station, to whom the Western Bird Banding Association extends its thanks for this major effort. The report identifies species targeted for banding, and banders who have banded the largest numbers of each species and therefore have the most data available about them.

While no measure of effort is available for this Report, a number of banders reporting their results are participating in "constant effort" programs, such as MAPS during the breeding season and related programs during migration seasons. Pooled data from this continent-wide network of stations allows banding data to be used to determine statistically significant population trends as well as to measure productivity and survivorship.

DON'T BE A "SLOB" BANDER

Slobs in any group are those whose irresponsible behavior brings the whole group or activity into disrepute. While almost all banders are careful and conscientious, there are always a few who do not follow correct procedures.

A recent incident illustrates how easy it is to give an unfavorable impression of banding to the public. Two field trips of birdwatchers to a site attractive to migrants found mist-nets furled on net poles in very visible locations. There was no sign indicating to whom the nets belonged. On one visit some nets were only loosely furled and one group watched a bird entangle itself in a net. Fortunately one of the trip participants had experience and was able to remove the bird. But what impression of banders do you think the group had?

Using the easy methods for net storage (see NABB 18:49-50) there is no reason to leave them up; the risk of loss or damage is too great except in the most secure locations. Don't give Murphy's Law (If anything can go wrong it will.) a chance to operate by leaving nets unattended. Robert C. Tweit

1995 WBBA Annual Meeting

Next year's meeting will be in Albuquerque, New Mexico, in late September when fall migration on the Rio Grande is in full swing. Plan now to attend.

WBBA ANNUAL REPORT 1993

A summary of banding reported from the WBBA area for 1993 with USFWS/CWS bands.

Compiled by:

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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 NV	OR/WA	WY/CO UT	TOTAL	HIGH BANDERS
COMMON LOON					3					3	P2(3)
YELLOW-BILLED LOON	1									1	H11(1)
EARED GREBE					330			12	1	343	H10(330),H18(12),R10(1)
BLACK-FOOTED ALBATROSS						791				791	H17(791)
LAYSAN ALBATROSS					1	1456				1457	H17(1456),C19(1)
BONIN PETREL						91				91	H17(91)
BULWER'S PETREL						22				22	H17(22)
HAWAIIAN PETREL						54				54	H15(54)
STREAKED SHEARWATER					1					1	C1(1)
WEDGE-TAILED SHEARWATER						387				387	H17(387)
CHRISTMAS SHEARWATER						23				23	H17(23)
FORK-TAILED STORM-PETREL								14		14	B15(14)
LEACH'S STORM-PETREL					121			20		141	W6(110),B15(20),P11(11)
ASHY STORM-PETREL					261					261	P11(261)
RED-TAILED TROPICBIRD						1109				1109	N1(900),H17(209)
MASKED BOOBY						158				158	H17(148),N1(10)
BLUE-FOOTED BOOBY			139							139	E5(139)
BROWN BOOBY			196			210				406	N1(210),E5(196)
RED-FOOTED BOOBY						355				355	N1(200),H17(155)
AMERICAN WHITE PELICAN				46			1377		223	1646	M6(1008),S5(369),R10(223)
BROWN PELECAN					5					5	P2(5)
DOUBLE-CR. CORMORANT									17	17	R10(1)
BRANDT'S CORMORANT					178					178	P11(178)
MAGNIFICENT FRIGATEBIRD						18				18	N1(18)
GREAT BLUE HERON				27						27	V4(27)
GREAT EGRET					42					42	H13(42)
SNOWY EGRET					232				24	256	H13(232),R10(24)
CATTLE EGRET					65					65	H13(65)
GREEN-BACKED HERON				1	4				2	7	H13(4),R10(2),J8(1)
BLACK-CR. NIGHT-HERON		42			78				18	138	H13(78),S18(42),R10(18)
WHITE-FACED IBIS		38							160	198	R10(160),S18(38)
TRUMPETER SWAN	35						17			52	T4(35),R8(17)
WHISTLING SWAN	12									12	I1(11),T4(1)
GR. WHITE-FRONTED GOOSE	19			1747						1766	K8(1116),N11(631),N12(18)
LESSER SNOW GOOSE				28						28	K8(16),N11(12)
EMPEROR GOOSE	703									703	N12(703)
BLACK BRANT	4538									4538	N12(3529),R5(1004),H11(5)
CANADA GOOSE	528			1894	40		743	66	1478	4749	U1(1193),N11(1019),K8(875)
HAWAIIAN GOOSE						4				4	H15(4)
WOOD DUCK		1		1	714		106	118	32	972	C9(428),S10(271),Y1(73)
AMERICAN BLACK DUCK					3					3	T11(3)
MALLARD	129	4		7580	6191		4224	1874	3441	23443	T11(7580),C9(3645),F1(2237)
MEXICAN DUCK		23								23	A4(23)
LAYSAN DUCK						10				10	H17(10)
NORTHERN PINTAIL	878			1497	423		235	3	34	3070	T11(1497),K3(532),D6(354)
BLUE-WINGED TEAL				4140	1		251	7	20	4419	T11(4140),C6(89),B3(82)
CINNAMON TEAL				25	303		25	2	22	377	C9(128),S1(90),K11(48)
AMER. GR.-WINGED TEAL	460			195	1		109	1	50	816	Y2(405),T11(195),N6(62)
UNIDENTIFIED TEAL SPECIES							153	9	86	248	M13(98),S24(78),N6(48)
NORTHERN SHOVELER	10			6	58		31		6	111	K11(57),M13(24),D10(8)
GADWALL				82	1314		103	3	98	1600	K11(877),C9(350),T11(82)
AMERICAN WIGEON	43			135	4		106		43	331	T11(135),M13(46),R10(43)
CANVASBACK				13	1			1		15	T11(13),K11(2)
REDHEAD				329	101		104	223	52	809	T11(329),K11(179),S5(92)
RING-NECKED DUCK				2	4			12	8	26	K11(11),F1(8),C9(3)

NAME	AK	AZ/NM	MX	CAN	CA	HI	ID/MT NV	OR/WA	WY/CO	TOTAL UT	HIGH BANDERS
LESSER SCAUP				36	10		11	2		59	T11(36),B3(11),K11(12)
KING EIDER	11									11	H11(11)
SPECTACLED EIDER	158									158	N12(155),H11(3)
STELLER'S EIDER	6180									6180	I1(6180)
HARLEQUIN DUCK							68			68	M6(68)
OLDSQUAW	3									3	H11(3)
SURF SCOTER	21									21	M16(21)
COMMON GOLDENEYE	2									2	K3(2)
BUFFLEHEAD	2			2			1			5	K3(2),T11(2),B3(1)
RUDDY DUCK				3	38		1			42	C9(27),K11(10),T11(3)
OSPREY	30			4			97	39		170	J3(136),H16(30),P10(4)
BLACK-SHOULDERED KITE					3					3	F5(3)
BALD EAGLE	16	21		1	12		42		6	98	R9(42),A4(21),B1(12),H16(12)
NORTHERN HARRIER	57	1		8	19		1	5	6	97	M15(55),G7(13),M2(6)
SHARP-SHINNED HAWK	67	1		4	471		2	8	85	638	G7(442),R6(83),S4(46)
COOPER'S HAWK		3		13	534		4	4	36	594	G7(526),R6(36),P10(7)
NORTHERN GOSHAWK	6	41		14	21		2	9	99	192	R1(95),A4(31),D2(21)
COMMON BLACK-HAWK		7								7	M12(7)
GRAY HAWK		13								13	M12(13)
RED-SHOULDERED HAWK					27					27	P2(10),G7(10),C1(2)
BROAD-WINGED HAWK				2	3					5	G7(3),P10(2)
SWAINSON'S HAWK				98	3		3	5	23	132	C15(54),P10(34),S29(25)
RED-TAILED HAWK	6			102	368		35	27	23	561	G7(294),C15(64),P10(38)
FERRUGINOUS HAWK				14	1		24		35	74	A8(26),N7(23),C18(9)
ROUGH-LEGGED HAWK	26								2	28	S4(25),A8(1),H9(1),M15(1)
GOLDEN EAGLE	10	2		2	6		13		89	122	K12(82),N7(13),A2(10)
AMERICAN KESTREL	18		1	31	175		217	150	751	1343	R4(668),N7(202),C3(123)
MERLIN	19			27	6				2	54	P10(22),M15(16),G7(6)
PEREGRINE FALCON	241			103	20			5		369	A2(238),B10(57),N11(26)
GYRFALCON	29			7				1		37	A2(26),N11(7),H16(3)
PRAIRIE FALCON				63	6		169	3	17	258	N7(168),C18(63),P6(14)
RUFFED GROUSE							1			1	W7(1)
GAMBEL'S QUAIL					2					2	V6(2)
CALIFORNIA QUAIL					1			1		2	C1(1),S8(1)
VIRGINIA RAIL									1	1	R10(1)
AMERICAN COOT				308					409	717	R10(403),T11(308),B8(3), S24(3)
SANDHILL CRANE					3					3	M2(3)
BLACK-BELLIED PLOVER	14									14	J4(10),N8(4)
LESSER GOLDEN-PLOVER	27									27	J4(26),T2(1)
SNOWY PLOVER					290			76		366	P11(290),N4(76)
SEMIPALMATED PLOVER	28									28	T2(28)
KILLDEER		1			186		1	9	5	202	O5(170),C1(12),S17(9)
BLACK OYSTERCATCHER					1			1		2	W6(1),P11(1)
BLACK-NECKED STILT					417					417	O5(417)
AMERICAN AVOCET					981		1		442	1424	O5(1417),C1(7)
GREATER YELLOWLEGS	2									2	N12(2)
SOLITARY SANDPIPER	15			5						20	A6(15),H14(5)
SPOTTED SANDPIPER				2	5			2		9	P11(4),I3(2),H14(2)
BRISTLE-THIGHED CURLEW	31									31	N12(31)
HUDSONIAN GODWIT	8									8	N12(8)
RUDDY TURNSTONE	47									47	H11(47)
SANDERLING	7									7	N12(7)
SEMIPALMATED SANDPIPER	38									38	N8(30),J8(8)
WESTERN SANDPIPER	29			1	20			40		90	W10(80),C1(6),N12(3)
PECTORAL SANDPIPER	57									57	N8(39),T2(16),H11(1),W10(1)
ROCK SANDPIPER	121									121	N12(121)
DUNLIN	20									20	N8(12),N12(6),H11(2)
STILT SANDPIPER	20									20	N8(12),T2(8)
BUFF-BREASTED SANDPIPER	150									150	N12(135),N8(15)
COMMON SNIFE	1				2			2		5	I3(2),B1(1),P11(1),N12(1)
WILSON'S PHALAROPE					12					12	H10(12)
RED-NECKED PHALAROPE	27									27	T2(20),N8(6),H11(1)
RED PHALAROPE	87									87	T2(35),W10(31),N8(21)
HEERMANN'S GULL					6					6	P8(6)
RING-BILLED GULL						1			7	8	R10(7),P7(1)
CALIFORNIA GULL					1344				91	1435	P11(845),H10(499),R10(91)
WESTERN GULL					614					614	P11(533),D6(81)
GLAUCOUS-WINGED GULL	153									153	N12(99),S17(54)
GLAUCOUS GULL	12									12	N12(12)
BLACK-LEGGED KITTIWAKE	158									158	I4(60),N12(60),A5(38)
RED-LEGGED KITTIWAKE	292									292	I4(173),A5(119)

NAME	AK	AZ/NM	MX	CAN	CA	HI	ID/MT	OR/WA	WY/CO	TOTAL	HIGH BANDERS
							NV		UT		
SABINE'S GULL	39									39	H11(39)
CASPIAN TERN					121					121	C19(118),H10(3)
ROYAL TERN					2					2	C19(2)
ELEGANT TERN					1629					1629	C19(1573),P8(56)
FORSTER'S TERN					30					30	C19(30)
LEAST TERN					30					30	C19(30)
GRAY-BACKED TERN						302				302	H17(302)
SOOTY TERN						500				500	N1(500)
WHITE TERN						80				80	N1(80)
BLACK SKIMMER					77					77	C19(77)
COMMON FAIRY-TERN						71				71	H17(71)
BROWN NODDY						881				881	H17(881)
BLACK NODDY						1163				1163	H17(1163)
COMMON MURRE	13				63			5		81	P11(63),N12(13),W6(5)
PIGEON GUILLEMOT	15				28			4		47	P11(28),M16(15),H7(4)
CASSIN'S AUKLET					244					244	P11(244)
WHISKERED AUKLET	240									240	A5(240)
CRESTED AUKLET	52									52	A5(52)
PARAKEET AUKLET	24									24	A5(24)
RHINOCEROS AUKLET					132			4		136	P11(132),A1(4)
BAND-TAILED PIGEON					1			59		60	J1(59),P8(1)
WHITE-WINGED DOVE		197	9							206	C8(90),C4(86),S21(12)
MOURNING DOVE		722			250			1	70	1043	C8(342),C4(286),P8(99)
INCA DOVE		243								243	B6(93),C8(66),C12(39)
COMMON GROUND-DOVE		12		1						13	C8(12),J8(1)
SPOTTED DOVE					2					2	H13(1),O3(1)
YELLOW-BILLED CUCKOO		1								1	C4(1)
GREATER ROADRUNNER		1			2					3	C10(2),B6(1)
COMMON BARN-OWL				101	93			271	76	541	H8(164),C14(101),L2(99)
FLAMMULATED OWL				1					4	5	R1(4),J8(1)
EASTERN SCREECH-OWL				2					2	4	D4(2),J8(2)
WESTERN SCREECH-OWL	29			1	20			40		90	N7(45),S10(29),S17(5)
GREAT HORNED OWL		1		69	58		6		4	138	P10(46),W2(44),C15(23)
SNOWY OWL				37			66			103	O2(66),P10(25),C15(12)
NORTHERN HAWK-OWL				5						5	P10(3),C15(2)
NORTHERN PYGMY-OWL				1			1	1		3	I3(1),C15(1),J7(1)
ELF OWL		2								2	C4(2)
BURROWING OWL		98		24	45				184	351	L3(184),B4(98),S23(44)
SPOTTED OWL		43			159			375	32	609	L2(220),F2(102),S6(80)
BARRED OWL							2			2	O2(2)
GREAT GRAY OWL				9						9	C15(8),P10(1)
LONG-EARED OWL				1	1	21	139	4	1	167	O2(139),N7(21),C3(4)
SHORT-EARED OWL					1	3	1			5	S26(3),N7(1),V6(1)
BOREAL OWL	8						32		36	76	S20(36),H3(32),S4(8)
NORTHERN SAW-WHET OWL	18			27	1		24	1	28	99	C15(27),R10(26),H3(24)
LESSER NIGHTHAWK		4								4	C8(2),C4(1),W11(1)
COMMON NIGHTHAWK									1	1	B16(1)
COMMON POORWILL					1			1		2	H13(1),S28(1)
BLACK SWIFT					3					3	C19(3)
VAUX'S SWIFT								175		175	B5(175)
WHITE-EARED HUMMINGBIRD		1								1	C2(1)
MAGNIFICENT HUMMINGBIRD		1								1	C2(1)
BL.-CHINNED HUMMINGBIRD		48			46		12			106	C2(45),C1(40),B6(11)
ANNA'S HUMMINGBIRD		3			352			1		356	C1(222),C10(99),P11(25)
COSTA'S HUMMINGBIRD		3	16		2					21	C2(18),C10(2),B6(1)
CALLIOPE HUMMINGBIRD		107	1		12		270		175	565	C2(312),B6(238),C10(10)
BROAD-TAILED HUMMINGBIRD		387							807	1194	C2(1182),I(2)9,J6(2)
RUFIOUS HUMMINGBIRD		274	4		169		235	97	816	1595	C2(1116),J7(104),C1(103)
ALLEN'S HUMMINGBIRD					155					155	P11(65),C1(63),C10(25)
ELEGANT TROGON		10								10	M12(10)
BELTED KINGFISHER				6	2		2	1		11	B6(2),B1(2),P10(2),J8(2)
ACORN WOODPECKER					149			1		150	K5(144),P2(1),S9(1),T5(1), V3(1),J3(1),I3(1),P11(1)
GILA WOODPECKER		87								87	C4(45),C8(22),B6(13)
YELLOW-BELLIED SAPSUCKER				3						3	J8(2),L5(1)
RED-NAPED SAPSUCKER		3		101			27	53	21	205	M18(100),I3(58),B6(10)
RED-BREASTED SAPSUCKER	6				77			45		128	I3(60),S22(43),C10(11)
WILLIAMSON'S SAPSUCKER					3			5	1	9	I3(6),S22(2),C17(1)
LADDER-BACKED WOOD.		5								5	B6(4),C4(1)
NUTTALL'S WOODPECKER					79					79	P11(55),I3(15),B1(7)
DOWNY WOODPECKER	6	1		4	71		13	17	21	133	P11(28),C1(16),B1(15)

NAME	AK	AZ/NM	MX	CAN	CA	HI	ID/MT NV	OR/WA	WY/CO UT	TOTAL	HIGH BANDERS
HAIRY WOODPECKER	6			2	28		3	60	4	103	I3(45),V3(21),P11(7)
WHITE-HEADED WOODPECKER					6			18		24	D5(18),I3(6)
THREE-TOED WOODPECKER	4			2						6	A6(3),H14(2),I3(1)
BLACK-BACKED WOODPECKER					2					2	I3(1),S22(1)
YELLOW-SHAFTED FLICKER	2			3						5	H14(2),T4(1),A6(1),J8(1)
RED-SHAFTED FLICKER		11			28		8	20	17	84	I3(15),R7(7),C1(6),P11(6)
GILDED FLICKER		8								8	C4(4),C8(3),C12(1)
FLICKER INTERGRADE					4					4	M2(1),B1(1),C1(1),C17(1)
PILEATED WOODPECKER				3			1	4	1	9	B5(3),P10(3),I3(1),J6(1),J7(1), L6(1)
NO. BEARLESS TYRANULET		1								1	B6(1)
OLIVE-SIDED FLYCATCHER				1	12			6	1	20	P11(7),I3(5),B1(3)
WESTERN WOOD-PEWEE	1	6		3	95		10	43	46	204	I3(54),P11(37),S22(22)
YELLOW-BELLIED FLYCATCHER	2			2					1	5	K6(1),D11(1),A6(1),P10(1), J8(1)
ALDER FLYCATCHER	256			62						318	A6(104),T4(74),N12(54)
WILLOW FLYCATCHER		6			188		39	380	29	642	S32(314),I3(67),P11(53)
TRAILL'S FLYCATCHER		6		2						8	C8(6),P10(2)
LEAST FLYCATCHER		2	1	362	2		6		7	380	J8(331),P10(21),L5(7)
HAMMOND'S FLYCATCHER	50	2	2	22	64		21	123	5	289	I3(148),A6(37),S22(26)
DUSKY FLYCATCHER		8	3	1	136		40	92	63	343	I3(146),S22(66),C17(34)
GRAY FLYCATCHER		6			21		3	3	3	36	S22(17),N10(4),B6(3)
WESTERN FLYCATCHER	37	13	6		1479		10	146	16	1707	C1(917),P11(360),I3(180)
BLACK PHOEBE		8		4	150					162	C1(89),I3(21),P11(15)
EASTERN PHOEBE				15						15	J8(6),P9(5),P10(3)
SAY'S PHOEBE		9			1				7	17	S18(8),R10(5),F3(2)
VERMILION FLYCATCHER		9								9	C8(7),B6(1),V7(1)
ASH-THROATED FLYCATCHER		50		1	105		2			158	I3(24),V1(23),P11(23)
BR.-CRESTED FLYCATCHER		22		1	3					26	C4(16),V1(4),C8(2),V6(2)
WESTERN KINGBIRD		7			3				14	24	F3(9),J6(5),C8(4)
EASTERN KINGBIRD				2			1	2	7	12	J6(5),S24(2),P10(2)
EURASIAN SKYLARK						5				5	N3(5)
HORNED LARK				1			1	11		13	S17(11),P9(1),R11(1)
PURPLE MARTIN				306				1		307	P10(298),K9(8),S17(1)
TREE SWALLOW	183			1550	283		3	448	665	3132	S19(1369),C7(658),H6(345)
VIOLET-GREEN SWALLOW	40			11	107		1	152	53	364	K1(77),W2(69),P5(31)
NO. ROUGH-WINGED SWALLOW		12		3	7		2	10	7	41	C8(7),K1(5),C4(5),J6(5)
BANK SWALLOW	68				369			248		685	G5(369),B7(248),A6(59)
CLIFF SWALLOW				1			37	47	161	246	T8(161),K1(47),C19(31)
CAVE SWALLOW		677								677	W11(677)
BARN SWALLOW		4		22	93		6	37	33	195	P11(70),K1(22),C1(22)
GRAY JAY	25			1			6	5	40	77	N9(40),I3(15),A6(12)
STELLER'S JAY	10				61		6	38	1	116	P11(28),B1(13),I3(9)
BLUE JAY				10					2	12	J8(6),P10(3),T8(1),L5(1), B16(1)
SCRUB JAY		34			257			33	6	330	P8(99),C19(61),V7(33)
GRAY-BREASTED JAY		127								127	B11(106),C5(8),V7(8)
PINYON JAY								1		1	M8(1)
CLARK'S NUTCRACKER								1		1	I3(1)
BLACK-BILLED MAGPIE	151			1			198	4	3	357	T1(197),H16(148),M8(4)
AMERICAN CROW					2		25			27	M5(25),M3(27)
HAWAIIAN CROW						5				5	S26(5)
COMMON RAVEN	13			9	9		95		34	160	N7(59),M5(36),D10(34)
BLACK-CAPPED CHICKADEE	331	6		196			132	131	192	988	A6(145),P10(99),N12(87)
MOUNTAIN CHICKADEE				16	695		7	164	69	951	D8(544),I3(138),H12(69)
BOREAL CHICKADEE	131			20						151	A6(58),T4(23),I3(14)
CHEST.-BACKED CHICKADEE	55			2	325			209		591	I3(162),D8(139),B1(102)
PLAIN TITMOUSE		5			373			14		392	K5(87),W2(74),V2(63)
VERDIN		38			18					56	C4(17),V6(12),C8(7)
COMMON BUSHTIT		7			570			66		643	P11(142),B1(138),C1(127)
RED-BREASTED NUTHATCH	9			45	44		21	86	7	212	I3(99),J8(33),S28(11)
WHITE-BREASTED NUTHATCH		2		4	29		1	38	17	91	H12(17),I3(9),P8(7),E1(7), W2(7),S17(7)
PYGMY NUTHATCH					124		2	5	52	183	D8(118),J6(45),R10(7)
BROWN CREEPER	30	1			106		1	31	4	173	I3(89),P11(38),S22(12)
CACTUS WREN		55			216					271	B13(164),M17(49),C4(20)
ROCK WREN		3		2	1				2	8	N10(2),J8(2),C1(1),V1(1), C17(1)
CANYON WREN		3			3				2	8	V1(2),C10(2),J6(2)
BEWICK'S WREN		83		29	336			56		504	P11(160),B1(55),V1(30)
HOUSE WREN		2	4	83	671		17	135	181	1093	W2(329),I3(125),C17(88)
WINTER WREN	19			1	367		1	331		719	I3(596),S3(30),P11(16)

NAME	AK	AZ/NM	MX	CAN	CA	HI	ID/MT NV	OR/WA	WY/CO UT	TOTAL	HIGH BANDERS
MARSH WREN		2		3			11	1		17	I3(11),J8(3),K1(1),B6(1),
AMERICAN DIPPER	1				5			1	2	9	P11(3),C1(2),I3(1),A6(1), R10(1)
ARCTIC WARBLER	65									65	I3(65)
GOLDEN-CROWNED KINGLET	23			1	277		19	299	1	620	I3(268),P11(173),V3(104)
RUBY-CROWNED KINGLET	419	37		19	510		18	140	58	1201	P11(243),B1(134),T4(123)
BLUE-GRAY GNATCATCHER		10	3	6	6				9	34	V1(9),J8(6),J6(5)
BLACK-TAILED GNATCATCHER		2			299					301	M17(112),B13(100),M19(64)
ELEPAIO						80				80	N3(75),F7(5)
EASTERN BLUEBIRD		4	2							6	C5(4),C17(2)
WESTERN BLUEBIRD		11			873		4	1217		2105	K5(723),H6(511),E1(317)
MOUNTAIN BLUEBIRD				7108			5	412	221	7746	M7(3877),S19(2168),J5(648)
TOWNSEND'S SOLITAIRE	2				1			10		13	I3(11),S8(1),C10(1)
OMAO						85				85	N3(80),F7(5)
VEERY				1			1		3	5	C17(2),J6(1),J8(1),L6(1)
GRAY-CHEEKED THRUSH	79			9						88	A6(40),T4(21),I3(12)
SWAINSON'S THRUSH	392	1	13	52	771		143	603	72	2047	I3(549),C1(270),P11(205)
HERMIT THRUSH	390	46		35	804		1	99	33	1408	C1(387),P11(219),D11(195)
RUFOUS-BACKED ROBIN		1								1	C5(1)
AMERICAN ROBIN	109	19		28	238		45	207	193	839	I3(86),P11(68),A6(65)
VARIED THRUSH	121			3	32		2	68	1	227	W4(76),I3(40),H4(26)
WRENTIT					269			17		286	P11(206),B1(28),I3(22)
GRAY CATBIRD				1			8		23	32	J6(11),C17(11),I3(6)
NORTHERN MOCKINGBIRD		31		5	100					136	C1(72),C8(16),V6(9)
RED-BILLED LEIOTHRIX						94				94	N3(84),F7(8),W10(2)
SAGE THRASHER		2							1	3	N10(2),K6(1)
BROWN THRASHER				3	1				7	11	J8(3),B16(5),F3(2)
CURVE-BILLED THRASHER		76								76	C8(33),C4(28),C12(6)
CALIFORNIA THRASHER					32					32	P8(16),C10(5),B1(4)
CRISSAL THRASHER		11			4					15	B6(4),N10(4),S16(3)
LE CONTE'S THRASHER					1					1	F4(1)
YELLOW WAGTAIL	4									4	W10(4)
WATER PIPIT								2		2	I3(2)
BOHEMIAN WAXWING				1						1	H14(1)
CEDAR WAXWING				19	8		149	34	40	250	B6(87),I3(48),J6(40)
PHAINOPEPLA		7			27					34	V5(27),C4(3),C8(2)
NORTHERN SHRIKE	13			1	1		6	1		22	S4(7),R11(6),P5(2)
LOGGERHEAD SHRIKE		6		6	32		8	1	9	62	C1(15),G5(8),R11(8)
EUROPEAN STARLING		4			33		4	1	8	50	C1(14),S9(8),W2(8)
WHITE-EYED VIREO				7					1	8	J8(7),C17(1)
BELL'S VIREO		85		5	299					389	K10(294),V1(45),C4(18)
SOLITARY VIREO		7		2	91		15	28	8	151	I3(38),S22(34),P11(23)
YELLOW-THROATED VIREO									1	1	B16(1)
HUTTON'S VIREO		2			41			12		55	P11(29),B1(8),B13(5)
WARBLING VIREO		6	4	22	536		36	189	68	861	I3(286),B1(135),S22(107)
PHILADELPHIA VIREO				1	3					4	P11(2),B1(1),J8(1)
RED-EYED VIREO				32	4		6	3	3	48	P10(18),J8(11),I3(3),L5(3)
BLUE-WINGED WARBLER					1					1	B1(1)
TENNESSEE WARBLER	1			111	5		1		1	119	J8(58),P10(47),L5(6)
ORANGE-CROWNED WARBLER	1149	63	16	151	2376		83	521	261	4620	I3(1181),C10(613),S22(461)
NASHVILLE WARBLER		3	70	58	467		12	147	11	768	I3(361),S22(97),C17(70)
VIRGINIA'S WARBLER		18			3		1		28	50	S20(21),R7(14),C17(7)
LUCY'S WARBLER		138			1					139	V1(57),C4(47),B6(18)
NORTHERN PARULA								1		1	S8(1)
CHESTNUT-SIDED WARBLER					4			1	1	6	P11(3),S23(1),C17(1),S32(1)
YELLOW WARBLER	396	45		167	664		125	129	256	1782	C1(189),P11(171),J8(158)
MAGNOLIA WARBLER				12	6				1	19	J8(10),P11(5),P10(2)
CAPE MAY WARBLER				1	2					3	P11(2),J8(1)
BLK.-TH. BLUE WARBLER					2					2	P11(2)
MYRTLE WARBLER	304	4		368	410		26	1	19	1132	H14(183),C1(179),A6(165)
AUDUBON'S WARBLER		122	27	53	919		517	306	110	2054	C1(422),B6(345),I3(295)
YELLOW-RUMPED WARBLER								4		4	P1(4)
BLK.-TH. GRAY WARBLER		4			59			32		95	I3(34),P11(24),V3(10)
TOWNSEND'S WARBLER	89				132		44	155	6	426	I3(186),P11(73),N12(39)
HERMIT WARBLER					241			151		392	I3(274),V3(56),S22(36)
BLK.-TH. GREEN WARBLER				3						3	J8(3)
BLACKBURNIAN WARBLER					4					4	P11(4)
PINE WARBLER				2						2	L5(2)
PRAIRIE WARBLER					3					3	P11(3)
WESTERN PALM WARBLER				2	258				1	261	P11(257),J8(2),C1(1),C17(1)
BAY-BREASTED WARBLER					2					2	P11(2)

NAME	AK	AZ/NM	MX	CAN	CA	HI	ID/MT NV	OR/WA	WY/CO UT	TOTAL	HIGH BANDERS
BLACKPOLL WARBLER	64			46	10				1	121	J8(38),A6(28),T4(13)
BLACK-AND-WHITE WARBLER			11	24	4		1	1	1	42	J8(24),C17(11),P11(3)
AMERICAN REDSTART	1			45	11		37	1	17	112	J8(40),J6(15),L6(14)
PROTHONOTARY WARBLER				2						2	J8(2)
WORM-EATING WARBLER				3						3	J8(3)
OVENBIRD			4	5	4				2	15	C17(4),J8(3),P11(3)
NORTHERN WATERTHRUSH	1	19	4	19	42	108	19	1	25	238	A6(63),I3(30),L6(17)
LOUISIANA WATERTHRUSH			3							3	C17(3)
CONNECTICUT WARBLER				4	2				1	7	P10(2),P11(2),J8(2)
MOURNING WARBLER				4	2					6	P11(2),L5(2),J8(1),P10(1)
MAC GILLIVRAY'S WARBLER	13	23	11	8	513		114	558	110	1350	I3(622),P11(141),S22(128)
COMMON YELLOWTHROAT	8	54	1	51	312		116	103	41	686	C1(154),I3(129),P11(66)
HOODED WARBLER					1					1	C1(1)
WILSON'S WARBLER	673	145	36	141	960		23	155	392	2525	P11(386),S22(222),C17(208)
CANADA WARBLER				1						1	J8(1)
YELLOW-BREASTED CHAT		29	1	16	65		9	24	21	165	P11(36),V1(23),S28(21)
SUMMER Tanager		12			2					14	C8(10),P11(2),V1(1),C4(1)
WESTERN Tanager		4	2	1	138		27	86	14	272	I3(138),P11(31),S28(11)
JAPANESE WHITE-EYE						575				575	N3(531),F7(23),W10(21)
NORTHERN CARDINAL		52				16				68	C4(26),B6(19),N3(16)
PYRRHULOXIA		23								23	B6(12),R7(3),C4(3)
ROSE-BREASTED GROSBEAK		1		4	6			1	3	15	P11(5),J8(4),C17(2)
BLACK-HEADED GROSBEAK		30	1		393		6	65	136	631	P11(157),B1(116),I3(92)
BLUE GROSBEAK		85	1		8				2	96	R7(62),C8(18),I3(4)
LAZULI BUNTING		95			222		71	55	267	710	K6(156),I3(141),J6(53)
INDIGO BUNTING		3	1		1				1	6	J8(3),C8(2),R7(1),C17(1), P11(1),B16(1)
VARIED BUNTING		21								21	G1(21)
PAINTED BUNTING		1	8							9	C17(8),W11(1)
DICKCISSEL		1								1	C8(1)
GREEN-TAILED TOWHEE		48			21		1	2	47	119	C17(19),C8(16),S22(12)
RUFOS-SIDED TOWHEE				2	32		2	27		63	S8(19),K5(17),S27(9)
SPOTTED TOWHEE		9		5	385		4	148	80	631	P11(185),V2(109),K6(33)
BROWN TOWHEE		39			215			3		257	L4(33),C10(25),C1(24)
ABERT'S TOWHEE		40			5					45	C4(33),S23(5),C8(4)
BOTTERI'S SPARROW		6								6	C8(5),C12(1)
CASSIN'S SPARROW		1								1	C12(1)
RUFOS-WINGED SPARROW		2								2	B6(1),C12(1)
RUFOS-CROWNED SPARROW		16			13					29	L4(6),C5(5),C10(5)
AMERICAN TREE SPARROW	370	1		48	8				155	582	A6(195),M1(144),I3(63)
CHIPPING SPARROW	2	566	2	111	109		72	69	41	972	R7(393),J8(102),C5(61)
CLAY-COLORED SPARROW		9		162	28				3	202	J8(162),P11(27),R7(9)
BREWER'S SPARROW		71			12		15	9	17	124	C8(35),B6(15),S24(15)
BLACK-CHINNED SPARROW					3					3	C10(3)
VESPER SPARROW		261			10		5	22	8	306	C8(220),S8(21),B6(10)
LARK SPARROW		36			41		12	8	7	104	M19(27),R7(25),B6(12)
BLACK-TH. SPARROW		88			51			5		144	F4(36),V1(23),C4(18)
SAGE SPARROW		1			11					12	C10(11),N10(1)
LARK BUNTING		33			1					34	C8(22),B6(9),S16(1),N10(1), P11(1)
SAVANNAH SPARROW	270	75	1	42	42		14	256	32	732	K1(234),I1(142),A6(93)
GRASSHOPPER SPARROW			1		54					55	P11(54),C17(1)
SHARP-TAILED SPARROW				3						3	P9(2),J8(1)
FOX SPARROW	321			3	369		7	80	24	804	P11(204),W4(118),C1(93)
SONG SPARROW	17	48		13	1251		82	591	109	2111	I3(319),P11(269),C1(246)
LINCOLN'S SPARROW	308	163	14	91	708		60	284	155	1783	I3(359),C1(196),A6(182)
SWAMP SPARROW		2		10	9				2	23	J8(10),P11(6),B1(3)
WHITE-TH. SPARROW		4		69	23		3	9	4	112	P10(42),P11(14),J8(13)
GOLDEN-CR. SPARROW	92				582			407		1081	C1(220),P11(171),S12(144)
NUTTALL'S WH.-CR. SPARR.					54					54	P11(51),B1(3)
MOUNTAIN WH.-CR. SPARR.		30			82		3	32	90	237	S22(79),S20(37),I3(31)
PUGET SND WH.-CR. SPARR.					416			359		775	C1(332),K1(140),D3(138)
GAMBEL'S WH.-CR. SPARR.	346	669		34	1165		92	459	200	2965	M8(302),C10(288),C1(261)
WHITE-CR. SPARROW	1	10		11	34		8	188		252	H6(186),H13(32),P10(9)
HARRIS' SPARROW				3			1	2		6	P10(3),K1(1),W7(1),W10(1)
SLATE-COLORED JUNCO	1351	3		317	5		6		4	1686	I5(300),P5(242),A6(226)
OREGON JUNCO	245	93		153	1074		163	1347	46	3121	I3(881),S22(332),W3(201)
GRAY-HEADED JUNCO		16			1				33	50	S20(16),C17(10),S21(7)
WHITE-WINGED JUNCO									2	2	C17(2)
UNIDENT. DARK-EYED JUNCO	9	3		58	4			38	204	316	K6(203),P9(57),S28(37)
LAPLAND LONGSPUR	145									145	W10(83),H11(35),T2(26)

NAME	AK	AZ/NM	MX	CAN	CA	HI	ID/MT NV	OR/WA	WY/CO	TOTAL UT	HIGH BANDERS
CHESTNUT-COLL. LONGSPUR				6							6 P9(6)
SNOW BUNTING	9										9 H11(9)
BOBOLINK					4			1			5 P11(4),S32(1)
RED-WINGED BLACKBIRD		23		33	101		16	172	36		381 K1(115),C1(62),O4(48)
TRICOLORED BLACKBIRD					8						8 I3(5),C1(3)
WESTERN MEADOWLARK		17			2				2		21 C8(12),R7(5),F3(1),T5(1), P11(1)
YELLOW-HEADED BLACKBIRD		7			1		188	2	5		203 H1(188),C8(7),T8(5)
RUSTY BLACKBIRD	5										5 A6(5)
BREWER'S BLACKBIRD		1		5	80		5	25	2		118 M3(22),I3(16),C1(16)
GREAT-TAILED GRACKLE		13									13 S33(10),B6(1),C12(1),W11(1)
COMMON GRACKLE							13		35		48 R10(19),E2(10),T8(7)
BRONZED COWBIRD		4									4 C4(3),C8(1)
BROWN-HEADED COWBIRD		11			114		20	62	36		243 C1(67),S28(31),J6(25)
ORCHARD ORIOLE		3									3 W11(3)
HOODED ORIOLE		6	1		15						22 C1(6),C4(5),W2(4)
BALTIMORE ORIOLE				3							3 P10(2),L5(1)
BULLOCK'S ORIOLE		11	4		123			26	97		261 J6(50),C1(46),I3(35)
NORTHERN ORIOLE		1					1	18			20 R12(16),S8(2),B6(2)
SCOTT'S ORIOLE		1			3						4 P11(2),C5(1),M19(1)
PINE GROSBEAK	106			2	7						115 A6(105),S22(6),H14(2)
PURPLE FINCH				22	301			346			669 I3(103),S17(98),P11(90)
CASSIN'S FINCH				1	61		75	396	308		841 S28(373),A7(125),K6(105)
HOUSE FINCH		602		10	1996	44	34	844	646		4176 M3(645),C1(527),K1(459)
RED CROSSBILL	21				3		4	205	13		246 S28(163),W10(40),W3(21)
WHITE-WINGED CROSSBILL	175										175 I5(171)W5(2),A6(2)
COMMON REDPOLL	3651			58							3709 P5(1657),A6(926),I5(795)
HOARY REDPOLL	250										250 P5(135),A6(74),I5(39)
PINE SISKIN	174			649	516		234	933	638		3146 P10(555),S28(327),E3(319)
LESSER GOLDFINCH		74	7	18	198			5	2		304 I3(64),T5(38),P11(34)
LAWRENCE'S GOLDFINCH					15						15 I3(13),T5(1),P8(1)
AMERICAN GOLDFINCH		40		34	152		16	215	74		531 C1(125),K1(78),A3(68)
EVENING GROSBEAK				31	9		67	47	22		176 B6(67),P10(30),I3(28)
PALILA						120					120 N3(120)
MAUI PARROTBILL						1					1 N3(1)
COMMON AMAKIHI						1608					1608 N3(1514),F7(50),W10(44)
AKIAPOLAAU						7					7 N3(7)
HAWAII CREEPER						19					19 N3(11),F7(8)
MAUI CREEPER						37					37 N3(37)
AKEPA						36					36 F7(22),N3(14)
IIWI						536					536 N3(385),F7(97),W10(54)
CRESTED HONEYCREEPER						1					1 N3(1)
APAPANE						437					437 N3(315),F7(74),W10(437)
NUTMEG MANAKIN						14					14 N3(13),F7(1)
HOUSE SPARROW		37			115		21	4			177 M3(89),C8(37),W8(17)
Totals	29660	8246	631	32142	51683	11538	12666	20380	17593	184539	

Corrigenda: (Bander code refers to last years code)
C17: Last name should read Calder not Colder
B17: Should be University of Regina not Negwa
Total banders reporting was 245 not 184 in 1992

SUMMARY REPORT OF BANDING IN THE WESTERN REGION IN 1993

244 RESPONDING BANDERS

CODE	NAME	ADDRESS	SPECIES TOTAL	BANDED TOTAL
A7	Abbott, Margaret L.	P.O. Box 251, Dubois, WY 82513	9	315
A6	Alaska Bird Observatory (Tom Pogson)	P.O. Box 80505, Fairbanks, AK 99708	49	3586
A5	Alaska Maritime NWR (Jeff Williams)	PSC 486 Box 5251, Adak, AK 96506	11	511
A3	Altman, Bob	18000 SE Vogel, Boring, OR 97009	33	753
A2	Ambrose, Skip	1412 Airport Way, Fairbanks, AK 99701	3	274
A8	Andersen, David E.	1980 Folwell Ave., Saint Paul, MN 55108	4	49
A1	Anderson, Jon D.	2102 Walnut Road NW, Olympia, WA 98502	24	261
A4	Arizona Game and Fish Department	2221 W Greenway Rd., Phoenix, AZ 85023	4	79
B10	Banasch, Ursula	Twin Atria Bldg., 4999-98 Ave., Edmonton AB T6B 2X3	1	57
B14	Beier, Paul	4010 Lugano Way, Flagstaff, AZ 86004	1	10
B2	Benedict, Richard	780 E 38th Ave., Eugene, OR 97405	1	30
B1	Big Sur Ornith. Lab/Ventana Wilderness Sanctuary	Coast Route HC 67 Box 99, Monterey, CA 93940	76	1909
B16	Blackshaw, Susan R.	1530 Robidoux Cr., Colorado Springs, CO 80915	51	430
B9	Boag, David A.	6796 Amwell Dr., Brentwood Bay, BC V8M 1A4	9	82
B12	Boekelheide, Bob	6271 W Wapato Rd., Wapato, WA 98951	8	194
B15	Boersma, Dee	IES Fm-12, Seattle, WA 98195	2	34
B13	Bontrager, David R.	80645 Lost Creek Rd. Dexter, OR 97431	27	532
B4	Botelho, Eugene S.	New Mexico State University, Box 30001, Las Cruces, NM 88003	1	98
B3	Bowdoin National Wildlife Refuge	HC 65, Box 5700, Malta, MT 59538	12	374
B7	Brown, Charles R.	University of Tulsa, Tulsa, OK 74104	1	248
B11	Brown, Jerram, L.	New York State University, Albany, NY 12222	1	106
B8	Browns Park National Wildlife Refuge	1318 Highway 318, Maybell, CO 81640	6	504
B5	Bull, Evelyn	1401 Gekeler Lane, La Grande, OR 97850	2	178
B6	Burk, Kathryn B.	2738 West Casas Dr., Tucson, AZ 85741	104	2448
C2	Calder, Bill	University of Arizona, Tucson AZ 85721	9	2716
C9	Calif. Waterfowl Association (M. Robert McLandress)	4630 Northgate Blvd., Suite 150, Sacramento, CA 95834	10	4608
C6	Camas NWR (Gerald L. Deutscher)	2150 E 2350 N, Hamer, ID 83425	7	429
C18	Campbell, John	55 Riverview Cr., Cockrane, AB T0C 0W4	3	74
C10	Carlson, Barbara A.	P.O. Box 55419, Riverside, CA 92517	70	1895
C13	Channing, Edward C.	1115 Sierra Drive, Turlock, CA 95380	1	5
C8	Chapin, Ross E.	4340 N Via Raposa, Tucson, AZ 85718	71	1668
C5	Church, Jane P.	P.O. Box 39, Sonoita, AZ 85637	21	197
C14	Chutton, M.	780 Blawmsard St., Victoria, BC V8V 1X4	4	191
C7	Cohen, Robert R.	Metro State College of Denver, P.O. Box 173362, Denver, CO 80217	2	685
C19	Collins, Charles T.	California State University, Long Beach, CA 90840	15	1958
C17	Colorado Bird Observatory	13401 Piccadilly Rd., Brighton, CO 80601	92	1700
C3	Columbia National Wildlife Refuge (Randy Hill)	P.O. Drawer F, Othello, WA 99344	9	637
C16	Conover, Michael	Utah State University, Logan, UT 84322-5210	1	66
C4	Corchran, C. E.	7214 E Camino Vecino, Tucson, AZ 85715	62	1062
C	Court, Gordon	10 Yew Ct., Sherwood Park, AB	1	1
C1	Coyote Creek Riparian Station	P.O. Box 1027, Alviso, CA 95002	105	6498
C15	Cromie, Ray	127 Marion Dr., Sherwood Park, AB T8A 2G8	14	239
C12	Crossin, R. S.	1719 North Huachuca Ave., Tucson, AZ 85745	18	95
D8	Dahlsten, Donald L.	Univ. of California Berkeley, 1050 San Pablo Ave., Albany, CA 94706	4	833
D7	Danner, Bob	8723 79th Ave., Edmonton, AB T6C 0R5	3	133
D1	DeLong, Russ	42 Glen Dr., Mill Valley, CA 94941	3	8
D4	Den, Steven E.	178 Poudre River Rd., Bellvue, CO 80512	2	73
D10	Denver Wildlife Research Center (John Cummings)	Denver Wildlife Research Center, Denver, CO 80225	7	860
D9	DeSante, David F.	P.O. Box 821, Point Reyes Station, CA 94956	1	1
D2	Detrich, Phil	2800 Cottage Way, Room E-1803, Sactamento, CA 95825	5	52
D12	DiDonato, Joseph E. (East Bay Regional Parks)	2950 Peralta Oaks Ct., Oakland, CA 94605-0381	7	24
D3	Dillingham, Colin	437 Azalea Park Road, Brookling, OR 97415	42	402
D13	Dir. Gral. Aprov. Ecologico De Los Recursos Naturales	Rio Elba #20, 10 Piso, Colonia Cuauhtemoc, MX 06500	1	9
D6	Dixon Wildlife Research Field Station (Dr. D. S. Gilmer)	6924 Tremont Rd., Dixon, CA 95620	2	435
D5	Dixon, Rita	P.O. Box 484, Camp Sherman, OR 97730	1	18
D11	Dorio, John C.	8321 Wellsley Ct., Anchorage, AK 99507	25	684
E3	Elmore, Marjorie M.	1728 Hudson Dr., San Jose, CA 95124	12	427
E1	Eltzroth, Elsie K.	6980 NW Cardinal Dr., Corvallis, OR 97330	10	356
E5	Emlen, Steve	Cornell University, Ithaca, NY 14853-2702	2	335
E2	Eng, Robert L.	2310 Highland Ct., Bozeman, MT 59715	3	18
E4	Ervin, Stephen	California State University, Fresno, CA 93740-0073	6	20

CODE	NAME	ADDRESS	SPECIES	
			TOTAL	BANDED TOTAL
F3	Fish Springs National Wildlife Refuge	P.O. Box 568, Dugway, UT 84022	26	290
F4	Fisler, George F.	California State University, Northridge, CA 91330	5	43
F2	Fleming, Tracy L.	5307 NE 78th Ave., Vancouver, WA 98662	7	133
F6	Franklin, Alan	201 Wagar, Fort Collins, CO 80523	1	21
F7	Freed, Leonard A.	University of Hawaii, HI 96822	11	296
F5	Fry, D. Michael	University of California, Davis, CA 95616	1	3
F1	Funk, Howard (Colorado Division of Wildlife)	317 W Prospect, Fort Collins, CO 80526	7	2559
G2	Gaines, R. C.	4500 Columbia St., Vancouver, WA 98663	6	106
G5	Garrison, Barry	301 Willow Wood Ct., Vacaville, CA 95688	2	377
G6	Gillbert, William M.	4630 Driftwood Ct., El Sobrante, CA 94803	1	9
G7	Golden Gate Raptor Observatory	Bldg. 201, Fort Mason, San Francisco, CA 94123	11	1341
G3	Green, H. A.	2001 Yolo Ave., Berkeley, CA 94707	5	9
G4	Greene, Frederick	University of Montana, Missoula, MT 59812	1	32
G3	Groschupf, Kathy	415 E. Citation Lane, Tempe, AZ 85284	1	21
H15	Haleakala National Park (Donald W. Reeser)	P.O. Box 369, Makawao, HI 96768	2	58
H6	Halekas, George	2 John St., Okanogan, WA 98840	11	1450
H2	Halstead, Bruce G.	3623 Trinity St., Eureka, CA 95501-2742	6	14
H17	Hawaiian Islands NWR	P.O. Box 50167, Honolulu, HI 96850	14	5709
H14	Hawkings, Jim	P.O. Box 6010, Whitehorse, YK Y1A 5L7	48	641
H3	Hayward, Greg	222 S 22ND St., Laramie, WY 82070	2	56
H11	Helmericks, James W.	Colville Village via Pouch 340109, Prudhoe Bay, AK 99734-0109	14	160
H1	Henry, William G.	2250 Wilder Rd., Fallon, NV 89406	5	237
H4	Hiebert, David	P.O. Box 2515, Gearhart, OR 97138	9	93
H12	High Desert Ecological Research Institute (David Dobkin)	15 SW Colorado Ave., Suite 300, Bend, OR 97702	5	139
H5	Hill, Angus C.	801 Chamberlain Ct., Mill Valley, CA 94941	4	17
H18	Hill, Wendy L.	Lafayette College, Easton, PA 18042	1	12
H9	Hinde, Alan J.	301 Walden St., Cambridge, MA 02138	4	11
H7	Hodeles, J.	01MB, Charleston, OR 97420	1	4
H13	Hogg, Norman D.	5629 Cedros Av., Van Nuys, CA 91411	39	595
H8	Houghland, Steven	1107 Lakeview St., Bellingham, WA 98226	1	164
H10	Hubbs-Sea World Research Institute (J. R. Jehl, Jr.)	1700 S Shores Rd., San Diego, CA 92109	5	851
H16	Hughes, Jeffrey H.	333 Raspberry Rd., Anchorage, AK 99518	5	195
I2	Inouye, David W.	Univ. of Maryland, College Park, MD 20742	1	9
I3	The Institute for Bird Populations	P.O. Box 1346, Point Reyes Station, CA 94956	120	10799
I4	Institute of Arctic Biology (Edward C. Murphy)	University of Alaska, Fairbanks, AK 99775-0180	4	236
I5	Institute of Arctic Biology (Pierre Deviche)	University of Alaska, Fairbanks, AK 99775-0180	22	1456
I1	Izembek National Wildlife Refuge (Christian Dau)	P.O. Box 127, Cold Bay, AK 99571	14	6482
J1	Jarvis, Robert L.	Oregon State University, Corvallis, OR 92330	1	59
J3	Johnson, D. R. (W. E. Melquist, F. Fleming)	University of Idaho, Moscow, ID 83843	1	136
J5	Johnson, Lois	P.O. Box 555, Provost, AB T0B 3S0	1	648
J4	Johnson, Oscar W.	Montana State University, Bozeman, MT 59717	3	36
J1	Johnson, Virginia P.	4637 Del Mar Ave., San Diego, CA 92107	27	160
J8	Jones, Edgar T.	43 Westbrook Dr., Edmonton, AB T6J 2X9	109	2455
J7	Jones, Elinor G.	71167 Highway 83, Bigfork, MT 59911	43	373
J6	Jones, Stephanie	P.O. Box 313, Indian Hills, CO 80454	69	990
K12	Keller, Kent R.	40 E Miller St., Bsmt., Murray, UT 84107	1	82
K8	Kerbes, Richard	115 Perimeter Rd., Saskatoon, SK S7N 0X4	3	2007
K6	Killpack, Merlin	1726 24TH St., Ogden, UT 84401	33	1217
K3	King, Rod (U.S. Fish and Wildlife Service)	1412 Airport Way, Fairbanks, AK 99701	9	721
K7	Kings River Conservation District (Jeff Halstead)	4886 E Jensen Ave., Fresno, CA 93725	5	17
K9	Kinnard, John S.	Site 11, Box 17, RR#2, Barrhead, AB T7N 1N3	4	132
K4	Kirkley, Jack	710 S Atlantic St., Dillon, MT 59725	5	9
K11	Klamath Basin NWR (James Hainline)	Rt. 1, Box 74, Tulelake, CA 96134	13	3211
K5	Koening, Walter D. (Hastings Reservation)	38601 E Carmel Valley Rd., Carmel Valley, CA 93924	18	1413
K2	Kootenai NWR (Jim Reynolds)	HRC 60, Box 783, Bonners Ferry, ID 83805	5	460
K1	Kridler, Eugene	951 E Oak St., Sequim, WA 98382	38	1710
K10	Kus, Barbara E.	San Diego State University, San Diego, CA 92182	5	313
L5	Lane, Stephen	Box 9, Site 210, RR2, Stony Plain, AB T2T 1X2	29	140
L6	Lee Metcalf NWR (Sharon Browder)	P.O. Box 257 Stevensville, MT 59870	52	586
L2	Lint, Joseph B. (Bureau of Land Management)	P.O. Box 2965, Portland, OR 97208	18	428
L4	Ludwig, Frederick E. II	2 Willows St., Quarters B, Oakland, CA 94605	21	322
L1	Luke, George T.	Humboldt State University, Arcata, CA 95521	24	206
L3	Lutz, Scott	Texas Tech. University, Lubbock, TX 79409-2125	1	184
M16	Mahaffy, Mary	3704 Griffin Ln., Suite 102, Olympia, WA 98501-2192	2	36
M12	Mannan, R. William	University of Arizona, Tucson, AZ 85721	3	30
M9	Manolis, Tim	808 El Encino Way, Sacramento, CA 95864	19	167
M17	Manomet Observatory for Cons. Sci. (Jonathan L. Atwood)	P.O. Box 1770, Manomet, MA 02345	6	166
M1	Martin, Stephen G.	7121 N County Road 9, Wellington, CO 80549	6	249

CODE	NAME	ADDRESS	SPECIES TOTAL	BANDED TOTAL
M5	Marzloff, John	8210 Gantz, Boise, ID 83709	3	62
M3	McClure, H. Elliott	69 East Loop Drive, Camarillo, CA 93010	24	990
M15	McIntyre, Carol	P.O. Box 25176, Ester, AK 99725	8	91
M10	McLean, Robert G.	P.O. Box 2087, Fort Collins, CO 80522	12	30
M8	Merrick, George G.	3090 NE 27TH St., Bend, OR 97701	13	358
M14	Meyers, Tracy	812 South Pacific St., Apt. #3, Oceanside, CA 92054	8	29
M18	Miller, E. H.	University of Victoria, Victoria, BC V8W 2Z2	1	100
M4	Minidoka NWR	Route 4, Box 290, Rupert, Idaho 83350	4	382
M2	Modoc NWR (Ronnie L. Ryno)	P.O. Box 1610, Alturas, CA 96101	50	1655
M13	Montana Department of Fish, Wildlife & Parks	P.O. Box 200701, Helena, MT 59620-0701	8	2161
M6	Montana Natural Heritage Program (Dave Geuter)	P.O. Box 201800, Helena, MT 59620	2	1076
M11	Monterey Bay Aquarium	886 Cannery Row, Monterey, CA 93940	1	4
M7	Mountain Bluebird Trails (Makintosh, Duncan J.)	1831 20th Ave. S, Lethbridge, AB T1K 1G3	1	3877
M19	Myers, Stephen J.	15779 Dalscote St., Hesperia, CA 92345	34	447
N7	National Biological Survey (Michael N. Kochert)	3948 Development Ave., Boise, ID 83705	9	533
N12	NBS-Alaska Fish & Wildlife Research Center	1011 E Tudor Rd., Anchorage, AK 99503	48	6654
N10	NBS-Texas Coop. Fish & Wildlife Research Unit	Texas Tech. University, Rm. 9 Goddard Bldg., Lubbock, TX 79409	32	103
N6	National Bison Range	132 Bison Range Rd., Moiese, MT 59824	11	529
N1	Natl. Hist. Museum of Los Angeles County (Elizabeth A. Schreiber)	900 Exposition Bl., Los Angeles, CA 90007	7	1918
N4	Nature Conservancy (Mark Stern)	1205 NW 25th., Portland, OR 97210	1	76
N3	NBS-Hawaii Field Station (James Jacobi)	P.O. Box 44, Hawaii National Park, HI 96715	18	3245
N9	Nicholls, Thomas H.	1992 Folwell Ave., St. Paul, MN 55108	10	68
N5	Nisqually NWR	100 Brown Farm Rd., Olympia, WA 98516	3	64
N8	Northern Alaska Ecological Service	101 12th Ave., Box 19, Fairbanks, AK 99701	8	139
N2	Northwest Ecological Research Institute	130 NW 114th, Portland, OR 97229	1	209
N11	Northwest Territories Wildlife Service	600, 51025 50 Ave., Yellowknife, NT X1A 3S8	6	1700
O4	Orians, Gordon H.	University of Washington, Seattle, WA 98195	2	50
O5	Oring, Lewis W.	University of Nevada, 1000 Valley Rd., Reno, NV 89512	3	2004
O3	Osokow, M. B.	8414 Orion Ave., #250, Sepulveda, CA 91343	3	44
O1	Ouray NWR	266 W 100 N, Suite 2, Vernal, UT 84078	2	245
O2	Owl Research Institute (Denver W. Holt)	P.O. Box 8335, Missoula MT 59807	4	208
P1	Patterson, Mike	1338 Kensington Ave., Astoria, OR 97103	28	271
P3	Pepperberg, I. M.	University of Arizona, Tucson, AZ 85721	1	69
P2	Peterson, B. "Moose"	P.O. Box 30694, Santa Barbara, CA 93130-0694	15	110
P5	Peyton, Leonard J.	P.O. Box 80588, Fairbanks, AK 99708-0588	18	2338
P6	Platt, Steve	980 Cliff St., Lander, WY 82820	3	20
P10	Pletz, Erhard	6915 87 Ave., Edmanton, AB T6B 0L5	65	1842
P11	Point Reyes Bird Observatory	4990 Shoreline Highway, Stinson Beach, CA 94970	145	8632
P4	Predatory Bird Research Group (Brian Walton)	Lower Quarry-University Of California, Santa Cruz, CA 95064	3	26
P9	Prescott, David R. C.	P.O. Box 93, Site 310, RR3, Stony Plain, AB T7Z 1X2	29	319
P8	Principe, Bill	3932 Robin Hill Road, La Canada, CA 91011	27	567
P7	Pyle, Robert L.	741 N Kalahed Ave., Kailua, HI 96734	1	1
R11	Raptor Research Center (Eric C. Atkinson)	Boise State University, Boise, ID 83725	7	28
R8	Red Rock Lakes NWR	P.O. Box 15 Monida Star Route, Lima, MT 59739	8	664
R9	Restani, Marco	Montana State University, Bozeman, MT 59717	4	79
R12	Ridgefield NWR	P.O. Box 457, Ridgefield, WA 98642	28	462
R13	Riffey, Meribeth J.	8935 SW Washington Dr., Portland OR 97223	2	10
R7	Rio Grande Bird Research Inc.	4426 San Isidro NW, Albuquerque, NM 87107	64	1601
R5	Ritchie, Robert	2671 Black Sheep Rd., Fairbanks, AK 99709	1	1004
R6	Roberts, Dan	1125 Legrande Lane, Logen, UT 84321	9	140
R3	Rocky Mtn. Arsenal National Wildlife Area (Pete Gober)	Building 613, Commerce City, CO 80022-1748	5	95
R1	Rocky Mtn. For. and Range Exp. Sta. (Richard T. Reynolds)	240 W Prospect Rd., Fort Collins, CO 80526	3	110
R4	Rocky Mtn. Field Station (McEwen, Dr. Lowell C.)	Colorado State University, Fort Collins, CO 80523	3	794
R2	Ruby Lake NWR	HC 60, Box 860, Ruby Valley, NV 89833	3	121
R10	Ryder, Ronald A.	Colorado State University, Fort Collins, CO 80523	50	1778
S1	Sacramento NWR	752 County Road 99W, Willows, CA 95988	8	632
S3	Sakai, Howard	1125 16th St., Arcata, CA 95521	11	133
S23	Salton Sea NWR	P.O. Box 120, Calipatria, CA 92233-0120	18	183
S13	Samples, Cynthia S.	Albeni Falls Dam, P.O. Box 310, Newport, WA 99156	6	10
S16	Sandell, Catherine I.	8101 N Main, Las Cruces, NM 88001	25	243
S33	Schemnitz, S. D.	New Mexico State University, Box 4901, Las Cruces, NM 88003	10	46
S21	Scholes, R. T.	P. O. Box 117, Rodeo, NM 88056	16	99
S20	Schultz, Chris	305 Pine Valley Rd., Bayfield, CO 81122	29	475
S32	Sedgwick, James A.	11562 N City Rd. #17, Fort Collins, CO 80524	8	323
S24	Seedskaadee NWR	P.O. Box 700, Green River, WY 82935	51	496
S8	Sheldon-Hart Mt. Refuges	P.O. Box 111, Lakeview, OR 97630	41	474
S17	Sheridan, Carole A. (Sam Agnew)	P.O. Box 45241, Tacoma, WA 98444	35	669
S15	Shirley, Dennis L.	1115 N Main, Springville, UT 84663	1	72
S10	Simmons, Steve	2499 5th Ave., Merced, CA 95340	4	390
S6	Simpson Timber Company (Lowell Diller)	P.O. Box 1169, Arcata, CA 95521	1	80

CODE	NAME	ADDRESS	SPECIES	
			TOTAL	BANDED TOTAL
S30	Smith, E. Linwood	3260 N Dold CT., Tucson, AZ 85749	1	13
S26	Smith, Robert	P.O. Box 50167, Honolulu, HI 96850	2	8
S11	Speich, Steven M.	4720 N Oeste Place, Tucson, AZ 85749	1	24
S27	Staebles, Arthur E.	370 Pierce Dr., Clovis, CA 93612	6	31
S18	Stahlecker, Dale W.	30 Fonda Rd., Santa Fe, NM 87505	9	111
S31	Stapleton, Jim	P.O. Box 50, Joyce, WA 98343-0050	1	41
S9	Starr Ranch Sanctuary (National Audubon Society)	P.O. Box 967, Trabuce Canyon, CA 92678	14	85
S22	Steele, Jim (Sierra Nevada Field Campus)	San Francisco State Univ., 323 th, San Francisco, CA 94132	61	2479
S28	Stephens, Daniel A.	Wenatchee Valley College, Wenatchee, WA 98801	49	1261
S19	Stiles, Donald J.	20 Lake Wapta Rise SE, Calgary, AB T2J 2M9	2	3537
S5	Stillwater NWR	P.O. Box 1236, Fallon, NV 89406	3	678
S14	Stone, Eric	P.O. Box 68, Kelly, WY 83011	25	88
S2	Sturts, Shirley	E 4615 Fernan Lake, Coeur D'Alene, ID 83814	8	79
S4	Swam, Ted (U.S. Fish and Wildlife)	1412 Airport Way, Fairbanks, AK 99701	8	111
S12	Swisher, Otis D.	P.O. Box 1582, Medford, OR 97501-0120	28	514
T5	Tainter, Fern R.	3747 Vista Campana S #86, Oceanside, CA 92057-8230	41	345
T4	Tetlin NWR (Terry J. Doyle)	P.O. Box 779, Tok, AK 99780	33	1159
T8	Thorne Ecological Institute (Oakleigh Thorne, II)	5398 Manhattan Circle, Suite 120, Boulder, CO 80303	13	274
T10	Troetschler, Ruth	184 Lockhart Lane, Los Altos, CA 94022	1	1
T1	Trost, Dr. C. H.	Idaho State University, Box 8007, Pocatello, ID 83209	1	197
T2	Troy Ecological Research Association (Declan Troy)	2322 E 16th Ave., Anchorage, AK 99508	8	135
T3	Turnbull NWR	26010 S Smith Rd., Cheney, WA 99004	1	17
T11	Turner, Bruce	4999 98th, Room 210, Edmonton, AB T6B 2X3	17	14357
T7	Tuttle, Kenneth C.	457 E. Lakeview Dr., Elk Ridge, UT 84651	1	2
T6	Tweit, R. C.	3116 N Willow Creek Dr., Tucson, AZ 85712-1382	9	50
T9	Tyrrell, Robert A.	3312 California Ave., El Monte, CA 91731	4	24
U1	Utah Division of Wildlife Resources	1596 NW Tempe, Salt Lake City, UT 84116	8	1481
V1	VanRiper III, Charles	P.O. Box 5614, Flagstaff, AZ 86011	29	268
V5	Vehrencamp, Sandra	9500 Gilman Dr., La Jolla, CA 92093	3	38
V4	Verbeek, N.	Simon Fraser University, Burnaby, BC V5A 1S6	1	27
V2	Verner, Jared (Forestry Sciences Lab)	2081 E Sierra Ave., Fresno, CA 93710	26	464
V7	Vleck, Carol	University of Arizona, Tucson, AZ 85721	7	31
V6	Voget, Ken	6396 Carmen Blvd., Las Vegas, NV 89108	46	242
V3	Vroman, Dennis P.	269 Shetland Dr., Grants Pass, OR 97526	59	1186
W1	Waage, Bruce	3105 Arvin Rd., Billings, MT 59102	4	26
W2	Wasserman, Jan	1158 Beechwood St., Camarillo, CA 93010	21	874
W5	West, George C.	P.O. Box 841, Homer, AK 99603	27	262
W11	West, Steve	P.O. Box 2489, Carlsbad, NM 88220	16	697
W6	Western Oregon Refuges	26208 Finley Refuge Rd., Corvallis, OR 97333	4	117
W9	Willapa NWR	HC01, Box 910, Ilwaco, WA 98624	2	57
W3	Williams, Ralph B.	P.O. Box 32354, Juneau, AK 99803-2354	15	489
W4	Willson, Mary F. (Forestry Sciences Lab)	2770 Sherwood Lane, Juneau, AK 99801	28	1035
W10	Wingfield, John C.	University of Washington, Seattle, WA 98195	27	619
W8	Wolf, Carl E.	Rte. 1, Box 104B, Worden, MT 59088	8	36
W7	Wright, P. L.	University of Missoula, Missoula, MT 59812	30	158
Y1	Yakama Indian Nation-Wildlife Management	P.O. Box 151, Toppenish, WA 98948	6	653
Y2	Yukon Flats National Wildlife Refuge	101 12th Ave., Box 14, Room 110, Fairbanks, AK 99701	5	730