



Western Regional News

Western Bird Banding Association

Founded 1925

**1993 WBBA ANNUAL MEETING
20 - 22 August**

San Francisco State University Sierra Nevada Field Campus
near Sierra City, California
(an hour's drive west of Reno, Nevada)

**An Invitation to WBBA Members to Contribute to the Monitoring Avian
Productivity and Survivorship (MAPS) Program**

Now in its fifth year, the Monitoring Avian Productivity and Survivorship (MAPS) program is a cooperative, constant-effort mist-netting program established by The Institute for Bird Populations (see News, Notes, Comments this issue). The Institute is attempting to enlist an additional 34 MAPS stations in the Southwest Region and 13 in the Alaska Region to reach totals of 40 and 20 stations, respectively, operating in those regions in 1993. The methodology used by the MAPS program is simple and straightforward, and the program provides an excellent opportunity for Western banders to make an important contribution to avian biomonitoring. We strongly urge banders from the WBBA region to become part of this exciting project. For more information, please write

***The Institute for Bird Populations
P.O. Box 1346
Point Reyes Station, CA 94956
or call (415) 663-1436.***

ANNUAL REPORT

A summary of banding reported from the WBBA area for 1991 with USFWS/CWS bands.

Compiled by Coyote Creek Riparian Station

Codes in the HIGHEST BANDERS column refer to the list of individual or institutional banders. Numbers in () are individual totals. Where no number is included, that individual banded the total for that species.

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

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NV	OR/ WA	WY/ CO/ UT	(Total)	HIGH BANDERS
COMMON LOON						1			1	R4(1)
PIED-BILLED GREBE			1						1	J3(1)
EARED GREBE		1		329					330	J5(329),S2(1)
LAYSAN ALBATROSS				1	120				121	U3(120),P13(1)
FORK-TAIL. STORM-PETREL							76		76	B18(76)
LEACH'S STORM-PETREL				1			145		146	B18(144),D2(1),P13(1)
ASHY STORM-PETREL				25					25	P13(25)
AMERICAN WHITE PELICAN			1	18				152	171	R6(152),A7(18),B20(1)
BROWN PELICAN				19					19	A7(19)
DOUBLE-CR. CORMORANT			1					6	7	R6(6),B20(1)
BRANDT'S CORMORANT				617					617	P13(617)
GREAT BLUE HERON				7					7	S21(6),H11(1)
GREAT EGRET				30				23	53	H11(30),S21(23)
SNOWY EGRET				41				5	46	H11(41),S21(4),R6(1)
CATTLE EGRET				9					9	H11(5),S21(4)
GREEN-BACKED HERON				1					1	C1(1)
BLACK-CR. NIGHT HERON		3		18			62		83	P9(62),H11(11),S21(7)
TRUMPETER SWAN						139	17		156	R3(139),M7(17)
BLACK BRANT	4			1					5	P6(4),S21(1)
LESSER SNOW GOOSE								1	1	R6(1)
CANADA GOOSE	185		5	2		2476	1500	122	4290	II(1856),U3(1786),N1(334)
WOOD DUCK			9	328		121	1	24	483	C7(207),II(88),S6(57)
AMER. GR.-WINGED TEAL		2	28	7		39	6	145	227	B11(145),U2(28),B6(20)
AMERICAN BLACK DUCK								1	1	B11(1)
MALLARD		15	4521	6954		5175	4773	3854	25292	B20(3197),C7(3120),B11(2552)
NORTHERN PINTAIL	2	2	742	67		685	10	546	2054	U2(741),B11(502),B6(401)
BLUE-WINGED TEAL			6			179	1	1098	1284	B11(1098),B6(88),H3(62)
CINNAMON TEAL				238		133	14		385	C7(222),H3(62),G7(60)
NORTHERN SHOVELER			2			17	2	1	22	I1(9),G7(7),C4(2),B20(2)
GADWALL		6	16	318		96	1	136	573	C7(284),B11(136),B6(38)
AMERICAN WIGEON		2	10	4		45		30	91	B11(30),B6(24),B20(10)
CANVASBACK						48			48	I1(21),M13(17),G7(6)
REDHEAD		6	7	72		450	137	10	682	I1(215),C4(102),M13(86)
RING-NECKED DUCK						1	24	5	30	C4(24),F2(5),B6(1)
LESSER SCAUP				3		20	12	4	39	I1(13),C4(12),G7(6)
SPECTACLED EIDER	4								4	P6(4)
HARLEQUIN DUCK						18			18	II(18)
COMMON GOLDENEYE			8						8	B20(5),E4(3)
BARROW'S GOLDENEYE			5			72			77	G7(66),I1(6),E4(5)

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NV	OR/ WA	WY/ CO/UT	(Total)	HIGH BANDERS
BUFFLEHEAD								1	1	B11(1)
HOODED MERGANSER						1	2		3	C3(2),B6(1)
RUDDY DUCK				13		3	1		17	J5(8),C7(5),I1(2)
OSPREY			17			83			100	J1(61),B5(22),V5(17)
BLACK-SHOULDERED KITE				4					4	B21(4)
BALD EAGLE		25				92	4	8	129	I1(41),R5(30),H13(29)
NORTHERN HARRIER	41	2	1	12		11	4		71	A4(39),H12(11),G4(9)
SHARP-SHINNED HAWK	6	287	6	244		1694	7	6	2250	H12(1975),G4(187),H1(16)
COOPER'S HAWK		327	4	383		914	1	2	1631	H12(1172),G4(297),K4(60)
NORTHERN GOSHAWK		22	11	17		48		95	193	R1(95),H12(40),B5(15)
HARRIS' HAWK		100							100	M12(100)
RED-SHOULDERED HAWK				87					87	B21(67),G4(9),W2(5)
BROAD-WINGED HAWK			6	1		2			9	C10(3),P11(3),H12(2)
SWAINSON'S HAWK			149	75		42		1	267	S15(62),J3(57),W13(52)
RED-TAILED HAWK		22	52	483		104	1	14	676	G4(302),H12(114),W13(54)
FERRUGINOUS HAWK			187	3		91	1	14	296	S15(180),B5(55),B3(35)
ROUGH-LEGGED HAWK	75		2	3					80	S4(70),A4(5),C10(2),D12(2)
GOLDEN EAGLE	34	3	1	18		65		101	222	K3(100),I1(38),A4(34)
AMERICAN KESTREL	159	14	46	102		923	57	388	1689	M10(866),H12(280),B5(258)
MERLIN	7		62	9		9	1	3	91	S15(23),J3(14),P11(9),H12(9)
PEREGRINE FALCON	349	5	10	134		158	4	2	662	A4(349),P7(144),P3(134)
GYRFALCON	13						1		14	S4(10),A4(3),S8(1)
PRAIRIE FALCON		1	2	36		215	1	24	279	B3(191),P3(28),P10(24)
CALIFORNIA QUAIL				2					2	T3(2)
VIRGINIA RAIL				1			1		2	S17(1),R11(1)
SORA		1		1					2	R7(1),P13(1)
COMMON MOORHEN		17							17	S2(17)
AMERICAN COOT			17			11	12		40	V5(17),C4(12),I1(11)
SANDHILL CRANE				1			8	14	23	F2(14),M7(8),M11(1)
BLACK-BELLIED PLOVER			1						1	B20(1)
SNOWY PLOVER				204			38		242	P13(204),S1(38)
SEMIPALMATED PLOVER				3			1		4	C1(3),W10(1)
KILLDEER				11		2		11	24	R6(11),M3(5),M11(4)
BLACK OYSTERCATCHER				5					5	P13(5)
BLACK-NECKED STILT				50					50	P12(50)
AMERICAN AVOCET				316				5	321	P12(288),C1(28),R6(5)
SOLITARY SANDPIPER	6								6	P6(6)
SPOTTED SANDPIPER		1		1				2	4	C11(1),J8(1),W14(1),K12(1)
LONG-BILLED CURLEW			1						1	J3(1)
RUDDY TURNSTONE	5			1					6	P6(5),P13(1)
SEMIPALMATED SANDPIPER	1								1	P6(1)
WESTERN SANDPIPER				49			30		79	P13(49),W10(30)
LEAST SANDPIPER							9		9	W10(6),P5(3)
BAIRD'S SANDPIPER	1								1	W10(1)
DUNLIN				101			1		102	P13(101),W10(1)
LONG-BILLED DOWITCHER							1		1	P5(1)
COMMON SNIFE	2		1	1			2		6	P6(2),K1(1),J3(1),B24(1),C14(1)
RED-NECKED PHALAROPE	3			1					4	W10(2),P6(1),J8(1)
CALIFORNIA GULL				1134				32	1166	P13(1104),R6(32),S11(30)
WESTERN GULL				987			1		988	P13(985),S28(2),D2(1)
GLAUCOUS-WINGED GULL							157		157	S17(157)
BLACK-LEGGED KITTIWAKE	16								16	W9(16)

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NY	OR/ WA	WY/ CO/UT	(Total)	HIGH BANDERS
RED-LEGGED KITTIWAKE	45								45	W9(45)
SABINE'S GULL	40								40	P6(40)
CASPIAN TERN				3					3	J5(3)
ARCTIC TERN	3								3	P6(3)
FORSTER'S TERN								1	1	R6(1)
LEAST TERN				810					810	B19(675),C15(135)
BLACK SKIMMER				29					29	C15(18),H11(11)
COMMON MURRE				36			1		37	P13(36),D2(1)
PIGEON GUILLEMOT				104					104	P13(104)
MARbled MURRELET				8					8	R11(8)
CASSIN'S AUKLET				301					301	P13(301)
RHINOCEROS AUKLET				34			24		58	P13(34),N2(24)
BAND-TAILED PIGEON				1					1	W2(1)
RINGED TURTL-DOVE				1					1	C1(1)
SPOTTED DOVE				2					2	H11(1),B21(1)
WHITE-WINGED DOVE		111							111	C8(94),C6(4),S9(4)
MOURNING DOVE		601		986			2	5	1594	B19(677),C8(391),H11(88)
INCA DOVE		172							172	C8(75),C5(62),B12(29)
COMMON GROUND-DOVE		4		8					12	B12(4),C14(4),M9(2),T3(2)
YELLOW-BILLED CUCKOO				2			1	1	4	P13(2),C11(1),H15(1)
GREATER ROADRUNNER		1		3					4	V4(3),B12(1)
COMMON BARN-OWL				101			2	248	351	S20(127),M15(107),B21(73)
FLAMMULATED OWL								11	11	R1(11)
EASTERN SCREECH-OWL								1	1	R6(1)
WESTERN SCREECH-OWL		2		9		42	3	1	57	B3(37),L3(5),B21(5)
GREAT HORNED OWL		4	46	52		4	1	11	118	B21(32),P11(25),B20(14)
SNOWY OWL			5						5	P11(4),C10(1)
NORTHERN HAWK-OWL			60						60	P11(41),C10(11),C9(8)
NORTHERN PYGMY-OWL						1			1	B12(1)
BURROWING OWL			2	96					98	D10(41),W5(31),B21(15)
SPOTTED OWL		32		245		6	688	9	980	B10(515),D4(193),F4(173)
BARRED OWL			6				1		7	C10(3),P11(3),F4(1)
GREAT GRAY OWL			33						33	P11(20),C9(8),C10(5)
LONG-EARED OWL		1		13		175			189	H7(117),B3(58),B21(10)
SHORT-EARED OWL						2			2	H7(2)
BOREAL OWL	17					43			60	H3(43),S4(14),P4(3)
NORTHERN SAW-WHET OWL	21		16	4		78	2		121	H3(46),B3(30),S4(21)
LESSER NIGHTHAWK		1		1					2	C8(1),P13(1)
COMMON POOR-WILL			10	5		2			17	B14(10),B21(5),W6(2)
VAUX'S SWIFT				11			7		18	W2(10),B13(7),P13(1)
VIOLET-CR. HUMMINGBIRD		4							4	R9(4)
GR. VIOLET-EARED HUMM.		121							121	C13(121)
BR.-BILLED HUMMINGBIRD		7							7	R9(4),C13(2),B12(1)
WHITE-EARED HUMMINGBIRD		3							3	W8(3)
BERYLLINE HUMMINGBIRD		140							140	C13(139),W8(1)
BLUE-TH. HUMMINGBIRD		8							8	R9(8)
MAGNIFICENT HUMMINGBIRD		66						1	67	C13(32),W8(31),R9(4)
LUCIFER HUMMINGBIRD		3							3	R9(3)
BL.-CHINNED HUMMINGBIRD		1218		46		14			1278	R9(908),C13(197),W8(109)
ANNA'S HUMMINGBIRD		540		194					734	R9(467),C1(118),P13(52)
COSTA'S HUMMINGBIRD		26		3					29	C13(13),R9(10),C14(3)
CALLIOPE HUMMINGBIRD		63		15		164		37	279	B12(149),C13(88),J7(15)

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NV	OR/ WA	WY/ CO/UT	(Total)	HIGH BANDERS
BROAD-TAIL. HUMMINGBIRD		544						838	1382	C13(1355),W8(12),R8(9)
RUFIOUS HUMMINGBIRD		736		55		405	38	448	1682	C13(961),J7(274),R9(212)
ALLEN'S HUMMINGBIRD		9		226					235	P13(118),R11(67),C1(37)
BELTED KINGFISHER				4		6			10	B12(6),C1(3),W2(1)
LEWIS' WOODPECKER				8					8	K2(8)
ACORN WOODPECKER		2		113					115	K2(96),V3(16),C6(2)
GILA WOODPECKER		129							129	C5(45),C17(36),C8(28)
YELLOW-BELLIED SAPSUCKER			5	2		1			8	J3(3),L2(1),P8(1),D9(1),P13(1)
RED-NAPED SAPSUCKER		1	9			3		14	27	M6(8),C11(7),S7(6)
RED-BREASTED SAPSUCKER				52			6		58	I2(28),C14(11),P13(7)
WILLIAMSON'S SAPSUCKER				1					1	I2(1)
LADDER-BACK. WOOD.		12							12	C8(5),B12(3),B12(2)
NUTTALL'S WOODPECKER				1					1	V3(1)
DOWNY WOODPECKER	6		27	28		23	2	15	101	J7(13),C11(10),J3(7),P11(7),C1(7)
HAIRY WOODPECKER	3	1	8	14		7		2	35	I2(9),P11(5),J7(4)
WH.-HEADED WOODPECKER				9			26		35	B13(26),I2(9)
THREE-TOED WOODPECKER	1								1	P6(1)
YELLOW-SHAFTED FLICKER	3		2	3					8	P6(3),J3(2),P13(2)
RED-SHAFTED FLICKER		3		45		5	8	3	64	C1(16),P13(14),K6(3),J8(3)
GILDED FLICKER		8							8	C5(4),C8(3),C17(1)
FLICKER INTERGRADE				4			1	1	6	P13(2),C1(2),K1(1),C11(1)
PILEATED WOODPECKER				1			10		11	A2(10),P13(1)
OLIVE-SIDED FLYCATCHER			1	11			1	1	14	R11(4),P13(2),P5(1),L2(1),I2(1),C11(1)
WESTERN WOOD-PEWEE		13	4	90		3	9	16	135	P13(34),I2(26),C11(15)
YELL.-BELLIED FLYCATCHER			5						5	B20(3),J3(2)
ALDER FLYCATCHER	63		141						204	J3(103),P6(63),B20(38)
TRAILL'S FLYCATCHER		1	3	1					5	P11(3),C8(1),P13(1)
WILLOW FLYCATCHER		13		95		2	21	9	140	M11(23),C1(22),P13(16)
LEAST FLYCATCHER		2	966	1		2		6	977	J3(681),B20(273),P11(7)
HAMMOND'S FLYCATCHER	38	2		78		20	13	9	160	I2(54),P6(33),B12(15)
DUSKY FLYCATCHER		8		111		29	14	54	216	I2(79),C11(44),B12(29)
GRAY FLYCATCHER		10		5		4	99		118	H15(90),B12(10),S22(9)
WESTERN FLYCATCHER		8		689		8	27	3	735	C1(294),P13(238),R11(61)
BLACK PHOEBE		22		62			1		85	C1(43),C8(14),W2(10)
EASTERN PHOEBE			10						10	B20(8),J3(1),P11(1)
SAY'S PHOEBE		7		3			1		11	S2(6),P13(3),C8(1),H15(1)
VERMILION FLYCATCHER		5							5	C8(4),B12(1)
ASH-TH. FLYCATCHER		9		44			9		62	C1(25),W2(10),C8(8)
TROPICAL KINGBIRD				1					1	P13(1)
CASSIN'S KINGBIRD		6							6	C8(4),B12(2)
WESTERN KINGBIRD		10		3					13	C8(8),P13(2),C5(1),R7(1),V4(1)
EASTERN KINGBIRD			17	1				1	19	V5(9),J3(5),P11(3)
HORNED LARK			3					2	5	M16(2),W11(2),P8(1)
PURPLE MARTIN			726				50		776	P11(652),K11(70),C3(50)
TREE SWALLOW	165		2221	137		331	550	22	3426	S26(938),V5(498),H10(465)
VIOLET-GREEN SWALLOW	33	2		68			137		240	B2(54),W2(54),K6(53)
NO. ROUGH-WING. SWALLOW		30		6					36	C8(30),G6(2),R11(2)
BANK SWALLOW				316					316	G6(316)
CLIFF SWALLOW				119			24	285	428	T8(269),C1(92),D5(25)
CAVE SWALLOW		394							394	W14(394)
BARN SWALLOW		1	11	123		16	13	18	182	P13(50),R11(38),C1(34)

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NV	OR/ WA	WY/ CO/UT	(Total)	HIGHEST BANDERS
GRAY JAY	12	6	5			2		13	38	C12(12),P6(10),W12(6)
STELLER'S JAY				38		14	21	2	75	P13(14),J7(11),J8(11)
BLUE JAY			32						32	C9(12),P8(9),P11(7)
SCRUB JAY				162		4	31	38	241	K2(75),M9(40),W3(23)
GRAY-BREASTED JAY		129							129	B23(111),S9(14),C6(4)
CLARK'S NUTCRACKER								1	1	S7(1)
BLACK-BILLED MAGPIE			14			96	1	1	112	T2(96),C9(12),C11(1),B20(1),P11(1),H15(1)
YELLOW-BILLED MAGPIE				12					12	K2(12)
AMERICAN CROW			15	15					30	C18(15),C9(10),P11(5)
COMMON RAVEN	3	1	5	67		32		23	131	D1(89),B3(32),P11(4)
BLACK-CAPPED CHICKADEE	115	11	655			57	132	115	1085	H8(124),J3(117),P11(114)
MOUNTAIN CHICKADEE		14	34	711		43	27	24	853	D13(468),S24(138),I2(37),C14(37)
BOREAL CHICKADEE	47		6						53	P6(47),P11(3),P8(2)
CHEST-BACKED CHICKADEE				282		3	25		310	D13(108),P13(71),R11(66)
BRIDLED TITMOUSE		4							4	C6(4)
PLAIN TITMOUSE		1		119			5		125	C1(41),V3(34),W2(29)
VERDIN		24		4					28	C8(10),B12(7),C17(4)
COMMON BUSH TIT		1		230			49	2	282	C1(92),P13(68),V1(41)
RED-BREASTED NUTHATCH			13	38		15	8	2	76	I2(19),J7(13),R11(5),P13(5)
WH.-BREASTED NUTHATCH		8	13	18			18	4	61	S17(10),E2(6),D13(7)
PYGMY NUTHATCH				66				18	84	D13(59),R6(18),H11(6)
BROWN CREEPER		1		68		2	1	8	80	I2(40),P13(16),C11(8)
CACTUS WREN		47							47	C8(17),C5(12),B12(7)
ROCK WREN		1		2					3	R7(1),P13(1),C14(1)
CANYON WREN				1					1	V3(1)
BEWICK'S WREN		44		101			16		161	P13(43),C1(23),C14(22)
HOUSE WREN		18	224	343		260	81	75	1001	G1(259),W2(252),P8(94)
WINTER WREN				37			6		43	P13(16),R11(14),C1(4)
MARSH WREN		2	118	153			3	231	507	S5(231),C1(151),J3(116)
AMERICAN DIPPER				8				3	11	S24(5),M15(2),P13(2)
GOLDEN-CROWNED KINGLET				115		3	12	2	132	P13(85),I2(22),V1(11)
RUBY-CROWNED KINGLET	67	90	7	375		78	20	108	745	P13(270),C11(97),B12(93)
BLUE-GRAY GNATCATCHER				3				2	5	C11(2),P13(2),C14(1)
BLK-TAILED GNATCATCHER		1		2					3	B12(1),T3(1),S18(1)
CALIFORNIA GNATCATCHER				16					16	K7(16)
BLUETHROAT	4								4	W10(4)
NORTHERN WHEATEAR	1								1	W10(1)
WESTERN BLUEBIRD		10		214		116	868	73	1281	C3(334),E2(163),K6(131)
MOUNTAIN BLUEBIRD			7176			769	185	8	8138	M1(4008),S26(2006),J6(805)
TOWNSEND'S SOLITAIRE				138		2		4	144	B1(133),R11(3),C14(2),K12(2)
VEERY			1			1			2	B12(1),J3(1)
GRAY-CHEEKED THRUSH	90		2						92	P6(89),J3(2),P4(1)
SWAINSON'S THRUSH	166		49	686		31	18	19	969	C1(326),P6(165),P13(133)
HERMIT THRUSH	12	44	5	562		3	25	30	681	C1(237),P13(167),R11(66)
AMERICAN ROBIN	36	19	40	177		18	99	90	479	K12(56),I2(45),C1(45)
VARIED THRUSH	7		2	49		1	12	1	72	P13(26),C1(22),K6(5),P6(5),H5(5)
WREN TIT				226			3		229	P13(183),R11(26),F3(6)
GRAY CATBIRD			7	2				17	26	C11(16),J3(7),P13(2)
NORTHERN MOCKINGBIRD		31		81					112	C1(66),C8(16),C5(9)
SAGE THRASHER				1			14		15	H15(14),P13(1)

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NV	OR/ WA	WY/ CO/UT	(Total)	HIGHEST BANDERS
BROWN THRASHER			2					2	4	C11(2),P8(2)
BENDIRE'S THRASHER		1							1	C5(1)
CURVE-BILLED THRASHER		88							88	C8(40),C5(26),C17(10)
CALIFORNIA THRASHER				10					10	P2(3),T3(2),C14(2)
CRISSAL THRASHER		2							2	B12(2)
ARCTIC WARBLER	4								4	P6(4)
YELLOW WAGTAIL	1								1	W10(1)
WATER PIPIT	1			3					4	C1(3),P6(1)
BOHEMIAN WAXWING						40			40	J2(40)
CEDAR WAXWING			23	31		1	2		57	B20(18),P13(14),M9(7),R11(7)
PHAINOPEPLA		4		6					10	C14(6),B12(4)
NORTHERN SHRIKE	5	1	7				1		14	P6(4),C9(4),P4(1),K1(1),B12(1), P8(1),C10(1),P11(1)
LOGGERHEAD SHRIKE	12	6	236	19					273	C9(188),S15(48),S4(12)
EUROPEAN STARLING		4		41		4	44	26	119	K6(34),C1(27),D1(10)
BELL'S VIREO		8		1					9	B12(5),C8(3),T3(1)
SOLITARY VIREO		8	7	46		2	14	7	84	I2(23),V1(13),P13(9)
HUTTON'S VIREO		1		27			1		29	P13(18),R11(9),C8(1),V1(1)
WARBLING VIREO		10	98	277		9	89	43	526	I2(147),J3(67),P13(55)
PHILADELPHIA VIREO			15						15	J3(10),B20(5)
RED-EYED VIREO			19	3		7		2	31	B20(13),J7(6),J3(4)
YELLOW-GREEN VIREO				1					1	P13(1)
TENNESSEE WARBLER		1	251	6				2	260	J3(130),B20(109),C9(7)
ORANGE-CR. WARBLER	237	154	18	719		9	68	185	1390	P6(213),I2(212),C1(203)
NASHVILLE WARBLER		2		164		1	38	1	206	I2(113),V1(30),C1(14)
VIRGINIA'S WARBLER		17		1				31	49	C11(29),R7(16),K12(2)
LUCY'S WARBLER		19							19	C8(12),B12(5),C17(2)
NORTHERN PARULA				1					1	P13(1)
YELLOW WARBLER	63	53	1052	449		5	37	102	1761	J3(789),B20(257),P13(142)
CHESTNUT-SIDED WARBLER				7					7	P13(7)
MAGNOLIA WARBLER			22	9				1	32	J3(18),P13(9),P11(4)
CAPE MAY WARBLER			6	2					8	J3(3),B20(3),P13(2)
BLK-TH. BLUE WARBLER				5					5	P13(5)
YELLOW-RUMPED WARBLER		1					5		6	P5(5),T5(1)
MYRTLE WARBLER	252	9	1997	301		9	1	2	2571	J3(1631),B20(351),P6(217)
AUDUBON'S WARBLER		187	3	628		323	10	39	1190	B12(445),C1(239),P13(84)
BLK-TH. GRAY WARBLER		5		67			10	2	84	P13(33),I2(17),J4(8)
TOWNSEND'S WARBLER	7	1	2	140		4	2	6	162	P13(97),J4(31),P6(7)
HERMIT WARBLER				123			7		130	I2(89),P13(21),V1(7)
BLK-TH. GREEN WARBLER			2	1					3	J3(1),B20(1),P13(1)
PRAIRIE WARBLER				4					4	P13(4)
WESTERN PALM WARBLER	1		45	33					79	J3(40),P13(33),B20(5)
BAY-BREASTED WARBLER				8					8	P13(8)
BLACKPOLL WARBLER	9		79	39					127	J3(62),P13(39),B20(17)
CERULEAN WARBLER						109			109	B12(109)
BLK-AND-WHITE WARBLER			8	5				1	14	B20(7),P13(4),J3(1),C11(1),R11(1)
GOLDEN-WINGED WARBLER				1					1	P13(1)
BREWSTER'S WARBLER				1					1	P13(1)
OVENBIRD		1	4	8					13	P13(8),J3(2),B20(2)
NORTHERN WATERTHRUSH	53	1	15	1		12		4	86	P6(53),J3(12),B12(6)
LOUISIANA WATERTHRUSH				1					1	P13(1)
KENTUCKY WARBLER				1					1	P13(1)
CONNECTICUT WARBLER			2	2					4	J3(1),P11(1),C1(1),P13(1)

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NV	OR/ WA	WY/ CO/UT	(Total)	HIGHEST BANDERS
MOURNING WARBLER			13	5					18	B20(10),P13(5),J3(5)
MAC GILLIVRAY'S WARBLER		35	6	322		15	80	35	493	I2(240),V1(68),R7(30)
COMMON YELLOWTHROAT		48	45	285		16	34	35	463	C1(198),J3(39),C8(36)
HOODED WARBLER		1		2					3	P13(2),R7(1)
WILSON'S WARBLER	144	144	31	1112		15	106	511	2063	C11(455),C1(270),P13(233)
CANADA WARBLER			9						9	B20(4),J3(3),P11(2)
RED-FACED WARBLER		1							1	C5(1)
AMERICAN REDSTART			112	33		7		11	163	B20(59),J3(44),P13(28)
YELLOW-BREASTED CHAT		16		38			1	16	71	J8(25),C11(16),C8(15)
SUMMER Tanager		6		2					8	C8(6),P13(2)
SCARLET Tanager				2					2	S28(1),P13(1)
WESTERN Tanager		20	4	145		7	5	25	206	I2(38),M11(30),P13(22)
NORTHERN CARDINAL		34		1					35	C8(14),C17(10),B12(8)
PYRRHULOXIA		44							44	B12(18),C5(12),C8(8)
ROSE-BREASTED GROSBEAK		1	11	5				1	18	C9(8),P13(5),J3(2)
BLACK-HEADED GROSBEAK		25		148		5	36	83	297	K12(53),I2(48),J8(30)
BLUE GROSBEAK		61		1				6	68	R7(38),C8(15),C11(6)
LAZULI BUNTING		64		61		78	14	743	960	K12(690),J2(72),R7(61)
INDIGO BUNTING		3		3				2	8	R7(3),P13(3),C11(2)
VARIED BUNTING		2							2	C8(1),C17(1)
PAINTED BUNTING		1		1					2	R7(1),P13(1)
DICKCISSEL				1				1	2	C11(1),P13(1)
GREEN-TAILED TOWHEE		24		7		9	41	52	133	H15(20),S22(17),K12(13)
RUFIOUS-SIDED TOWHEE				1			4		5	S17(4),L5(1)
SPOTTED TOWHEE		19		247		1	162	64	493	C11(1),J8(1),W14(1),K12(1)
BROWN TOWHEE		55		131			2		188	C14(40),C1(37),V3(20)
ABERT'S TOWHEE		12		13					25	V4(13),B12(7),C8(2),C17(2)
BOTTER'S SPARROW		2							2	C8(2)
RUFIOUS-WINGED SPARROW		4							4	B12(4)
RUFIOUS-CR. SPARROW		11		23					34	C14(10),S11(6),P13(6)
AMERICAN TREE SPARROW	309	1	51	1		1		44	407	P6(249),W10(51),B20(41)
CHIPPING SPARROW		461	75	47		35	13	76	707	R7(246),B12(119),S9(54)
CLAY-COLORED SPARROW		21	706	17			4	3	751	J3(493),B20(210),R7(21)
BREWER'S SPARROW		17		13		7	577	4	618	H15(520),S22(57),R7(12)
FIELD SPARROW								1	1	C11(1)
BLACK-CHINNED SPARROW				11					11	C14(11)
VESPER SPARROW		7	2	9		23	151	3	195	H15(126),B12(23),S22(23)
LARK SPARROW		50	1	19			2	2	74	R7(42),P1(12),B12(4)
BLACK-THROATED SPARROW		10		25			31		66	S22(31),F3(25),S19(6)
FIVE-STRIPED SPARROW		37							37	G2(37)
LARK BUNTING		2		2				5	9	W11(5),P13(2),C8(1),S19(1)
SAGE SPARROW				24			12		36	C14(24),S22(10),H15(2)
SAVANNAH SPARROW	203	23	40	278		34	9	1	588	P6(200),C1(148),C14(65)
GRASSHOPPER SPARROW				2					2	P13(2)
LE CONTE'S SPARROW			6						6	J3(6)
SHARP-TAILED SPARROW			3						3	B20(2),J3(1)
FOX SPARROW	57	1	1	286		3	57	6	411	C1(88),R11(73),P13(61)
SONG SPARROW		60	21	859		16	221	42	1219	C1(441),P13(140),V1(82)
LINCOLN'S SPARROW	325	187	37	534		27	39	127	1276	P6(325),C1(214),C11(123)
SWAMP SPARROW		4	8	3					15	J3(6),R7(3),P13(2)
WHITE-THROATED SPARROW		3	91	21		2	3	2	122	P11(53),P8(20),P13(11)
GOLDEN-CR. SPARROW	4	1		761			577		1343	C1(307),V1(263),P13(188)

NAME	AK	AZ/ NM/ MX	CAN	CA	HI	ID/ MT/ NV	OR/ WA	WY/ CO/UT	(Total)	HIGHEST BANDERS
WHITE-CROWNED SPARROW		39	212	289		2	3	2	547	L2(206),M9(148),R11(93)
NUTTALL'S WH.-CR. SPARR.				129					129	P13(102),L4(18),H11(9)
MOUNT. WH.-CR. SPARROW		23		24		9	3	41	100	C11(36),B21(23),R7(12)
PUGET SND WH.-CR. SPARR.				534			140		674	C1(457),B2(71),P13(70)
GAMBEL'S WH.-CR. SPARROW	93	1394	2	2054		109	547	137	4336	B4(1002),M17(441),B12(406)
HARRIS' SPARROW		1					1		2	R7(1),A5(1)
DARK-EYED JUNCO		1	39	7		22	20		89	P8(38),J7(21),S17(15)
SLATE-COLORED JUNCO	490	4	190	4		2	1	39	730	P4(263),P6(226),P8(70)
OREGON JUNCO		115	151	496		169	1024	575	2530	K12(520),V1(371),K6(200)
GRAY-HEADED JUNCO		27				1		62	90	R6(38),C11(16),K12(8)
YELLOW-EYED JUNCO		77							77	S5(76),C17(1)
MC COWN'S LONGSPUR								40	40	W11(40)
LAPLAND LONGSPUR	293		32						325	W10(269),M16(31),P6(24)
SNOW BUNTING	30								30	P6(29),W10(1)
BOBOLINK				5			12		17	M7(12),P13(5)
RED-WINGED BLACKBIRD		28	73	195		35	321	17	669	O1(296),C1(167),J3(47)
TRICOLORED BLACKBIRD				4					4	C1(4)
RUSTY BLACKBIRD	2								2	P6(2)
EASTERN MEADOWLARK		7							7	C8(7)
WESTERN MEADOWLARK		2	5	38				1	46	C1(30),C9(5),P13(4)
YELL.-HEADED BLACKBIRD		7	4	2		21	138	2	174	O1(138),H6(15),S2(6),D9(6)
BREWER'S BLACKBIRD		1	2	115		4	59		181	M9(68),D2(26),W10(17)
GREAT-TAILED GRACKLE		13							13	S10(13)
COMMON GRACKLE						36			36	W7(36)
BRONZED COWBIRD		1							1	C8(1)
BROWN-HEADED COWBIRD		13	46	165		6	19	5	254	C1(64),H11(43),P13(26)
HOODED ORIOLE		4		18					22	S18(6),J8(4),W2(3),C8(3)
NORTHERN ORIOLE				3					3	J8(3)
BALTIMORE ORIOLE			44	1					45	J3(25),B20(15),P11(4)
BULLOCK'S ORIOLE		13		52		8	6	20	99	C1(21),C11(18),S28(13)
SCOTT'S ORIOLE		37		1					38	C6(35),B12(2),H11(1)
BRAMBLING						1			1	J7(1)
GRAY-CR. ROSY-FINCH						38			38	J7(38)
PINE GROSBEEK			28						28	C9(19),P11(5),P8(4)
PURPLE FINCH		1	8	360			413		782	V1(261),I2(124),R11(122)
CASSIN'S FINCH			1	60		34	63	784	942	K12(449),A6(234),R6(100)
HOUSE FINCH		489		2849		5	405	428	4176	M9(1211),C1(1045),K12(335)
LAYSAN FINCH					138				138	C2(138)
RED CROSSBILL				16			129	45	190	W10(129),R6(25),B16(20)
WHITE-WINGED CROSSBILL	3						39		42	W10(39),P6(3)
COMMON REDPOLL	885		439			34			1358	P4(881),C9(234),P8(157)
HOARY REDPOLL	2106					1			2107	P4(2106),J7(1)
PINE SISKIN	1	38	1191	195		420	208	356	2409	P11(902),B12(297),R6(197)
LESSER GOLDFINCH		15		95		1	34	11	156	V1(34),C1(30),M11(20)
LA WRENCE'S GOLDFINCH				8					8	S28(8)
AMERICAN GOLDFINCH		94	33	750		2	516	170	1565	C1(340),K6(305),R11(295)
EVENING GROSBEEK			63	4		177	78	3	325	J7(114),M17(50),P8(42)
HOUSE SPARROW		239	26	423		21	4	11	724	M9(417),R7(204),B20(26),C17(26)
TOTALS	7577	11202	26473	41262	258	19123	17292	14979	138166	

SUMMARY REPORT OF BANDING IN THE WESTERN REGION IN 1991

228 responding banders including

2 subpermitees

CODE	NAME	ADDRESS	SPECIES	BANDED
A6	Abbott, Margaret L.	P. O. Box 251, Dubois, WY 82513	19	325
A1	Abeles, Ernest R.	8451 Traminer Ct., San Jose, CA 95135	4	21
A5	Altman, Bob	18000 SE Vogel, Boring, OR 97009	15	414
A4	Ambrose, Skip	1412 Airport Way, Fairbanks, AK 99701	6	433
A7	Anderson, Daniel W.	University of California, Davis, CA 95616	2	37
A3	Anderson, Jon D.	2102 Walnut Road NW, Olympia, WA 98502	13	50
A2	Aubry, Dr. Keith B. (U. S. Forest Service)	3625 93rd Ave. SW, Olympia, WA 98502	1	10
B25	Baker, M. C.	Colorado State University, Fort Collins, CO 80523	3	51
B22	Banarch, Ursula	CWS, 4999-98 Ave., Edmonton, AB T6B 2X3	2	12
B4	Barrentine, Carl D.	California State University, Bakersfield, CA 93311-1099	3	1030
B20	Beaverhill Bird Observatory (Stefan JungKind)	P. O. Box 4201, Edmonton, AB T6E 4T2	82	5258
B5	Bechard, Marc J.	Boise State University, Boise, ID 83725	8	404
B2	Benedict, Richard	780 E. 38 th., Eugene, OR 97403	17	140
B16	Benkman, Craig W.	3068 McGlenn Dr. #1, Aptos, CA 95003	1	20
B11	Benning, Douglas S. (USFWS)	730 Simms St., Room 292, Golden, CO 80401	11	4480
B17	Benton Lake NWR	P. O. Box 450, Black Eagle, MT 59414	3	303
B7	Bishop, Marcella M.	750 Rocky Point Rd., Polson, MT 59860	4	12
B21	Bloom, Peter H.	13611 Hewes Ave, Santa Anna, CA 92705	28	406
B24	Boekelheide, Bob	6271 W.Wapato Rd., Wapato, WA 98951	6	53
B6	Bowdoin National Wildlife Refuge	P. O. Box J, Malta, MT 59538	13	1673
B1	Bowen, R. V.	Univ. California, Davis, CA 95616	2	138
B9	Brady, George L.	P. O. Box 535, Pateros, WA 98846	42	2093
B23	Brown, J. L.	State University New York, Albany, NY 12222	1	111
B15	Browns Park National Wildlife Refuge	1318 Hwy. 318, Maybell, CO 81640	2	133
B18	Boersma, Dee	IES FM-12, UQWA, Seattle, WA 98195	3	222
B13	Bull, Evelyn L.	1401 Gekeler Lane, La Grande, OR 97850	2	33
B10	Bureau of Land Management	P. O. Box 2965, Portland, OR 97213	1	515
B3	Bureau of Land Manage. (Michael N. Kochert)	3948 Development Ave., Boise, ID 83705	11	467
B12	Burk, Kathryn B.	2738 W. Casas Dr., Tucson, AZ 85741	100	2660
B19	Burr, Timothy T. (U.S. Navy-Southwest)	1220 Pacific Highway, San Diego, CA 92132-5190	2	1352
C18	Caffery, Carolee	University of California, Los Angeles, CA 90024	1	15
C13	Calder, Bill	University of Arizona, Tucson, AZ 85721	12	3031
C7	California Waterfowl Association	4630 Northgate Blvd., Ste. 150, Sacramento, CA 95834	9	3911
C14	Carlson, Barbra A.	P. O. Box 55419, Riverside, CA 92517	73	1215
C12	Cepaitis, Alicia	Colorado State University, Ft. Collins, CO 80523	1	12
C16	Channing, Edward C.	1115 Sierra Drive, Turlock, CA 95380	1	24
C8	Chapin, Ross E.	4340 N. Via Raposa, Tucson, AZ 85718	77	1506
C6	Church, Jane P.	P. O. Box 39, Sonoita, AZ 85637	17	107
C3	Clouse, David and George Walters	AFZH-DEQ Fish and Wildlife, Fort Lewis, WA 98433-5000	3	386
C15	Collins, Charles	California State University, Long Beach, CA 90840	2	153
C9	Collister, Doug and Ross Dickson	3426 Lane Cr. SW, Calgary, AB T3E 5X2	35	879
C11	Colorado Bird Observatory (Mike Carter)	13401 Piccadilly Rd., Brighton, CO 80601	82	2035
C4	Columbia National Wild. Refuge (Randy Hill)	P. O. Drawer F, Othello, WA 99344	12	2716

C2	Conant, Dr. Sheila	Univ. of Hawaii at Manoa, 2450 Campus Road, Honolulu, HI 96822	1	138
C17	Corchran, C. E.	7214 E. Camino Vecino, Tucson, AZ 85715	39	685
C1	Coyote Creek Riparian Station	P. O. Box 1027, Alviso, CA 95002	102	7151
C10	Crome, Ray	127 Marion Drive, Sherwood Park, AB T8A 2G8	15	109
C5	Crossin, Richard S.	1719 N. Huachuca Ave., Tucson, AZ 85745	39	329
D13	Dahlsten, Donald L.	University of California, 1050 San Pablo Ave., Albany, CA	5	653
D11	Daily, Gretchen C.	Stanford University, Stanford, CA 94305-5020	2	2
D8	Danner, Bob	8723 79th Ave., Edmonton, AB T6C 0R5	3	253
D9	DeJong, Daniel	9555 Island Lake Rd., Marion, MT 59925	11	44
D3	DeLong, Russell	42 Glen Dr., Mill Valley, CA 94941	4	45
D10	DeSante, David F. (The Inst. for Bird Pop.)	P. O. Box 1346, Point Reyes Station, CA 94956-1346	3	43
D7	Deer Flat NWR	13751 Upper Embankment Rd., Nampa, ID 83686	1	3
D1	Denver Wildl. Resource Cen. (John Cummings)	Denver Federal Center, Denver, CO 80225	5	208
D12	Detrich, Phillip J.	USFWS, RM E-1803, 2800 Cottage Way, Sacramento, CA 95825	5	66
D6	DiDonato, Joseph E. (East Bay Regional Park)	2950 Peralta Oaks Ct., Oakland, CA 94605-0381	4	12
D4	Diller, Lowell (Simpson Timber Co.)	P. O. Box 1169, Arcata, CA 95521	1	193
D5	Dole, Jim W.	California State University, Northridge, CA 91330	1	25
E4	Eadie, Dr. J. M.	University of Toronto, Scarborough, ON M1C 1A4	2	8
E1	Elmore, Marjorie M.	1728 Hudson Dr., San Jose, CA 95124-1736	2	4
E2	Eltzroth, Elsie K.	6980 NW Cardinal Dr., Corvallis, OR 97330	5	218
E3	Eng, Robert L.	2310 Highland Ct., Bozeman, MT 59715	2	21
F5	Farris, Patricia	La Pierce College, Woodland Hills, CA 91371	7	8
F1	Fish Springs National Wildlife Refuge	P. O. Box 568, Dugway, UT 84022	1	6
F3	Fisher, George F.	California State University, Northridge, CA 91330	5	58
F4	Forsman, Eric (PNW Res. Sta.)	3200 SW Jefferson Way, Corvallis, OR 97330	2	174
F2	Funk, Howard D. (Colorado Div. of Wildlife)	317 W. Prospect, Ft. Collins, CO 80526	5	1229
G6	Garrison, Barry	301 Willow Wood Ct., Vacaville, CA 95688	10	349
G1	Geis, Mary	13870 Kelly Canyon Rd., Bozeman, MT 59715	4	632
G3	Glinski, Rich	2221 W. Greenway Rd., Phoenix, AZ 85023	1	4
G4	Golden Gate Raptor Observatory	Fort Mason Building 201, San Francisco, CA 94123	9	810
G7	Grays Lake NWR	74 Grays Lake Rd., Wayan, ID 83285	12	699
G5	Green, Helen A.	2001 Yolo Ave., Berkeley, CA 94707	10	58
G2	Groschupf, Kathleen	5605 S. Spinnaker Rd., Tempe, AZ 85283	1	37
G8	Grubb, Teryl (USFWS)	Rocky Mtn. Sta., For. Science Lab, ASU, Tempe, AZ 85287-1304	3	8
H14	Hahn, Shari	503 Bridger, Rock Springs, WY 82901	1	10
H10	Halekas, George	2 John St., Okanogan, WA 98840	7	636
H8	Hannon, Dr. S.	University of Alberta, Edmonton, AB T6G 2E9	2	125
H2	Hardy, Laurence M.	LSU in Shreveport, One University Place, Shreveport, LA 71115	7	189
H13	Harmata, Alan R.	Mont. St. University, Bozeman, MT 59717	8	47
H12	Hawkwatch International (Steven Hoffman)	P. O. Box 35706, Albuquerque, NM 87176-5706	11	3619
H3	Hayward, Gregory D.	Colorado State University, Fort Collins, CO 80523	2	89
H5	Hebert, Dave	P.O. Box 2575, Gerhart, OR 97138	9	68
H6	Henry, William G.	2250 Wildes Rd., Fallon, NV 89406	2	46
H9	Herbert, Jeff (MDFWP)	1420 East 6th Ave., Helena, MT 59620	7	163
H15	Herman, Steven G.	2935 70TH Ave. SW, Olympia, WA 98512	46	1023
H11	Hogg, Norman D.	5629 Cedros Ave, Van Nuys CA 91411	27	355
H7	Holt, Denver W. (Owl Research Institute)	P. O. Box 8335, Missoula, MT 59807	5	125
H4	Hubbard, John P.	2016 Valle Rio, Santa Fe, NM 87501	11	49
H1	Hull, Angus C.	801 Chamberlain Court, Mill Valley, CA 94941	6	63

I1	Idaho Department of Fish and Game	P. O. Box 25, Boise, ID 83707	19	4566
I2	Institute For Bird Populations	P. O. Box 1346, Point Reyes Station, CA 94956	55	2292
J5	Jehl, J. R. Jr. (Hubbs-Sea World Res. Institute)	1700 Shores Rd., San Diego, CA 92109	4	363
J2	Jeppson, Joseph H.	962 Highland, Pocatello, ID 83204	30	192
J1	Johnson, D. R. and W. E. Melquist	University of Idaho, Moscow, ID 83843	1	61
J6	Johnson, Roger & Lois	P. O. Box 555, Provogt, AB T0B 3S0	1	805
J4	Johnson, Virginia P.	4637 Del Mar Ave., San Diego, CA 92107	27	283
J3	Jones, Edgar T.	43 Westbrook Drive, Edmonton, AB T6J 2C8	168	5579
J7	Jones, Elly G.	Swan Lake Rt., Bigfork, MT 59911	49	921
J8	Jones, Stephanie	P. O. Box 25486 DFC, Denver, CO 80215	47	395
K7	Keane, Kathy (P&D Technologies)	1100 Town and Country Rd., Suite 300, Orange, CA 92613	1	16
K6	Kebbe, Chester E.	5414 NE Emerson St., Portland, OR 97218	34	1107
K3	Keller, Kent R.	2091 W. 220 N., Provo, UT 84601	1	100
K4	Kennedy, Dr. Patricia L.	Colorado State University, Ft. Collins, CO 80523	2	75
K12	Killpack, Merlin L.	1726 24th St., Ogden, UT 84401	48	2550
K5	Kings River Conservation Dist. (J. A. Halstead)	4886 E. Jensen Ave., Fresno, CA 93725	11	18
K11	Kinnaird, John S.	P. O. Box 676, Barrhead, AB T0G 0E0	5	166
K9	Klamath Basin NWR (Dave Mauser)	Rt. 1, Box 74, Tule Lake, CA 96134	3	1246
K2	Koenig, Walter D.	Hastings Res., 38601 E. Carmel Valley Rd., Carmel Valley, CA 93924	7	303
K10	Kootenai NWR	HCR 60, Box 283, Bonners Ferry, ID 83805	2	323
K1	Kridler, Eugene	952 E. Spruce St., Sequim, WA 98382	27	127
K8	Kuyt, E.	3810-103 B St., Edmonton, AB T6J 2X9	1	1
L5	LaBerteaux, Denise L.	10375 Los Pinos St., Onyx, CA 93255	4	18
L3	Larson, Alfred	3015 Silver St., Boise, ID 83703	9	841
L2	Lein, M. R.	University of Calgary, Calgary, AB T2N 1N4	12	252
L4	Long Marine Lab (W. Breck Tyler)	University of California, Santa Cruz, CA 95060	31	213
L1	Lutz, Scott	Texas Tech University, Lubbock TX 79409-2125	1	100
M7	Malheur National Wildlife Refuge	HC 72 Box 245, Princeton, OR 97721	9	690
M12	Mannar, R. William	University of Arizona, Tucson, AZ 85721	1	100
M14	Manolis, Tim	808 El Encino Way, Sacramento, CA 95864	15	150
M15	Marti, Carl D.	Weber State University, Ogden, UT 84408	2	109
M2	Martin, Stephen G.	7121 N. County Road 9, Wellington, CO 80549	14	89
M9	McClure, H. Elliott	69 East Loop Dr., Camarillo, CA 93010	29	2060
M10	McEwen, Lowell	Colorado State University, Fort Collins, CO 80523	2	939
M8	McKenzie, Don S.	Lewis and Clark College, Portland, OR 97219	14	162
M13	Medicine Lake NWR	HC-51, Box 2, Medicine Lake, MT 59247	4	746
M17	Merrick, George G.	3090 NE 27th St., Bend, OR 97701	25	629
M5	Mesta, Robt	2140 Fastman Av. Str. 100, Ucutera, CA 93003	1	25
M18	Meyers, Tracy	812 S. Pacific #3, Oceanside, CA 92054	6	15
M6	Miller, Edward H.	Royal B. C. Museum, Victoria, BC V8V 1X4	1	8
M4	Minidoka Nat. Wildl. Refuge (Martha Collins)	Route 4, Box 290, Rupert, ID 83350	2	335
M11	Modoc NWR (Ronnie L. Ryno)	P. O. Box 1610 Alturas, CA 96101	58	1254
M16	Montgomerie, Robert	Queen's University Kingston, Ontario, NW K7L 3N6	2	33
M3	Monterey Bay Aquarium	886 Cannery Row, Monterey, CA 93940	1	5
M1	Mountain Bluebird Trails (D. J. Mackintosh)	1831-20TH Ave. S., Lethbridge, AB T1K 1G3	1	4008
N3	National Bison Range	132 Bison Range Rd., Moiese, MT 59824	6	177
N1	Nevada Department of Wildlife (Terry Retterer)	P. O. Box 10678, Reno, NV 89520	2	344
N2	Nisqually NWR	100 Brown Farm RD., Olympia, WA 98506	3	249

N4	Northwest Ecol. Res. Inst. (Charlotte Corlerau)	130 NW 114TH St., Portland, OR 97229	2	128
O2	Oakland Parks and Recr. (Richard Kaufuman)	1520 Lakeside Dr., Oakland, CA 94612	1	3
O1	Orians, Gordon H.	University of Washington, Seattle, WA 98195	2	434
O3	Osokow, M. B.	8414 Orion Ave., #250, Sepulveda, CA 91343	2	45
P9	Pacific Northwest Field Station	480 SW Newport Rd., Corvallis, OR 97333	2	84
P12	Pacific Research Group (USFWS)	c/o Dept. WFB, University of California Davis, Davis CA 95616	2	338
P5	Patterson, J. M.	1338 Kensington Ave., Astoria, OR 97103	33	216
P7	Peregrine Fund (Dr. W. A. Burnham)	5666 West Flying Hawk Lane, Boise, ID 83709	1	144
P1	Peterson, B. "Moose"	P. O. Box 30694, Santa Barbara, CA 93130	14	62
P4	Peyton, Leonard J.	P. O. Box 80588, Fairbanks, AK 99708-0588	27	3620
P10	Platt, Steve	980 Cliff St., Lander, WY 82520	4	46
P11	Pletz, Erhard	6915-87 Ave., Edmonton, AB T6B 0L5	62	2730
P6	Pogson, Thomas H.	P. O. Box 80505, Fairbanks, AK 99708	50	2558
P13	Point Reyes Bird Observatory	4990 Shoreline Highway, Stinson Beach, CA 94970	163	7752
P3	Predatory Bird Research Group	Lower Quarry-University of California, Santa Cruz, CA 95064	3	163
P8	Prescott, David R. C.	University of Calgary, Calgary, AB T2N 1N4	39	1030
P2	Principe, Bill	3932 Robin Hill Road, La Canada, CA 91011	15	100
R11	Ralph, C. J.	7000 Lanphere Rd., Arcata, CA 95521	72	1902
R3	Red Rock Lakes NWR (Dan Gomez)	P. O. Box 15, Monida Star Route, Lima, MT 59739	1	139
R2	Ream, Catherine H.	15506 Kendall W Rd., MT	1	1
R5	Restani, Marco	Montana State University, Bozeman, MT 59717	1	30
R10	Ridgefield NWR (Marguerite Ross Hills)	P. O. Box 457, Ridgefield, WA 98642	1	38
R7	Rio Grande Bird Research Inc.	6 Tumbleweed Wy., Albuquerque, NM 87120	69	1752
R1	Rocky Mountain For. & Range Exp. Sta. (Richard T. Reynolds)	240 West Prospect Road, Fort Collins, CO 80526	6	120
R8	Rocky Mt. Biological Lab (David Inouye)	Crested Butte, CO 81224	2	11
R4	Ruby Lake NWR	HC-61, Box 860, Ruby Valley, NV 89833	1	1
R9	Russell, Ruth	2850 N. Camino de Oeste, Tucson AZ 85745	12	1636
R6	Ryder, Dr. Ronald A.	Colorado State University, Ft. Collins, CO 80523	38	748
S23	Sacramento NWR	Rt. 1, Box 311, Willows, CA 95988	3	2184
S24	Sagehen Cr. Field Station (Mark D. Reynoldi)	P. O. Box 939, Truckee, CA 96160	8	157
S21	Salton Sea NWR	P. O. Box 120, Calipatria, CA 92233	6	45
S12	Samples, Cynthia	RR# 4, Box 160, Oldtown, ID 83822	6	17
S11	San Francisco Bay Bird Observatory	1290 Hope St., Alviso, CA 95002	8	75
S19	Sandell, Catherine I.	8101 N. Main, Las Cruces, NM 88001	16	188
S10	Schemnitz, S. D.	P. O. Box 4901, New Mexico State University, Las Cruces, NM	6	33
S15	Schmutz, Josef K.	University of Saskatchewan, Saskatoon, AB S7N 0W0	8	325
S9	Scholes, Robert	P. O. Box 117, Rodeo, NM 88056	15	148
S17	Sheridon, Cowle	P. O. Box 45241, Tocomo, WA 98884	424	424
S20	Shirley, Dennis L. (Utah Div. of Wildl. Res.)	1115 North Main, Springville, Utah 84663	2	129
S1	Siern, Mark (The Nature Conservancy)	1205 NW 25th, Portland, OR 97210	1	38
S6	Simmons, Steve	2499 5th Ave., Merced, CA 95340	2	67
S25	Smith, E. Linwood	3030 N. Longhorn Dr., Tuson, AZ 85749	1	20
S28	Smith, Greg	P. O. Box 2002, Morro Bay, CA 93443	45	338
S29	Smith, J. A.	1857 Highway 66 Moraine Rte, Estes Park, CO 80517	3	6
S22	St. George, David (Sheldon-Hart Mtn. Refuges)	P. O. Box 111, Lakeview, OR 97630	37	302
S16	Stacey, Peter	University of Nevada, Reno, NV 89557	1	6
S2	Stahlecker, Dale W.	Route 7, Box 126-Z, Santa Fe, NM 87505	23	98
S18	Starrett, Andrew	10601 Andorn Ave., Chataworth, CA 91311	9	24
S14	Stephens, Daniel A.	Wenatchee Valley College, Wenatchee, WA 98801	12	90
S26	Stiles, Donald J.	20 Lake Wapta Rise SE, Calgary, AB T2J 2M9	2	2944

S13	Stillwater NWR	P. O. Box 1236, Fallon, NV 89406	2	61
S8	Stock, Charles E.	30646 Abraham Dr., Halsey, OR 97348	3	6
S7	Stone, Eric	P. O. Box 68, Teton Science School, Kelly, WY 83011	24	89
S27	Sturts, Shirley G.	E4615 Fernan Lake Road, Coeur D'Alene, ID 83814	2	24
S5	Sullivan, Kimberly	Utah State University, Logan, UT 84322-5305	3	308
S4	Swem, Ted	P. O. Box 82068, Fairbanks, AK 99708	7	134
S3	Swisher, Otis D.	P. O. Box 1582, Medford, OR 97501-0120	25	442
T3	Tainter, Fern R.	3747 86 Vista Campanas S., Oceanside, CA 92057	34	393
T9	Temeles, Ethan J.	Amherst College, Amherst, MA 01002	1	4
T8	Thorne Ecol. Institute (Dr. Oakleigh Thorne II)	Manhattan Circle, Boulder, CO 80303	15	382
T4	Toffice, Gregory S. (Woodland Park Zoo)	5500 Phinney Ave. N., Seattle, WA 98103	1	4
T6	Troetschler, Ruth	184 Lockhart Lane, Los Altos, CA 94022	4	13
T2	Trost, C. H.	Idaho State University, Box 8007, Pocatello, ID 83209	1	96
T7	Tuttle, Kenneth C.	457 E. Lakeview Dr., Elk Ridge, UT 84651	2	4
T5	Tweit, R. C.	3116 N. Willow Creek Dr., Tucson, AZ 85712-1382	10	111
T1	Tyrrell, Robert	3312 California, El Monte, CA 91731	2	10
U2	USFWS-Off. of Migr. Bird Man. (John W. Solberg)	P. O. Box 1686, Kearney, NE 68848	3	2093
U3	USDA-Animal Damage Control	720 O'Leary St., NW, Olympia, WA 98502	2	1906
U1	Umatilla National Wildlife Refuge	P. O. Box 239, Umatilla, OR 97882	1	1397
V2	Vehrencamp, Sandra	University of California San Diego, La Jolla, CA 92093	2	13
V5	Verbeek, Dr. N. A. M.	Simon Fraser University, Burnaby, BC V5A 1S6	5	543
V3	Verner, Jared	2081 E. Sierra Av., Fresno, CA 93710	28	308
V4	Voget, Ken	P. O. Box 287, Calipatria, CA 92233	32	353
V1	Vroman, Dennis P.	269 Shetland Drive, Grants Pass, OR 97526	65	1911
V1A	Dillingham, Colin P.	437 Azalea Park Road, Brookings, OR 97415	22	313
W12	Walters, Vera	P. O. Box 499, Snowflake, AZ 85937	4	23
W2	Wasserman, Jan	1158 Beechwood St., Camarillo, CA 93010	32	622
W14	West, Steve	P. O. Box 2489, Carlsbad, NM 88220	16	424
W11	Wiens, John A.	Colorado State University, Ft. Collins, CO 80523	6	96
W15	Willey, David	P. O. Box 5614, Flagstaff, AZ 86011	1	9
W1	Williams III, Sartor O.	65 Verano Loop, Santa Fe, NM 87505	5	77
W9	Williams, Jeff	PSC 486, Box 5251, Adak, AK 96506	3	246
W5	Winchell, Clark (Natural Resources Office)	Staff Civil Engineer (18N), San Diego, CA 92135-5018	1	31
W10	Wingfield, John C.	University of Washington, Seattle, WA 98195	32	704
W3	Winternitz, Babara L.	The Colorado College, Colorado Springs, CO 80903	1	23
W7	Wolf, Carl E.	Rte 1, Box 104B, Worden, MT 59088	5	64
W8	Wood, Tom	27 Ramsey Rd., Hereford, AZ 85615	9	207
W13	Woodbridge, Brian	P. O. Box 134, Macdoel, CA 96058	11	165
W4	Wright, P.L.	University of Montana, Missoula, MT 59812	61	124