

1981

Annual Report

North American Bird Bander

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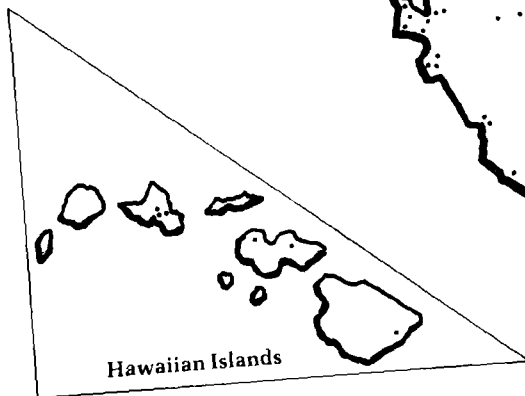
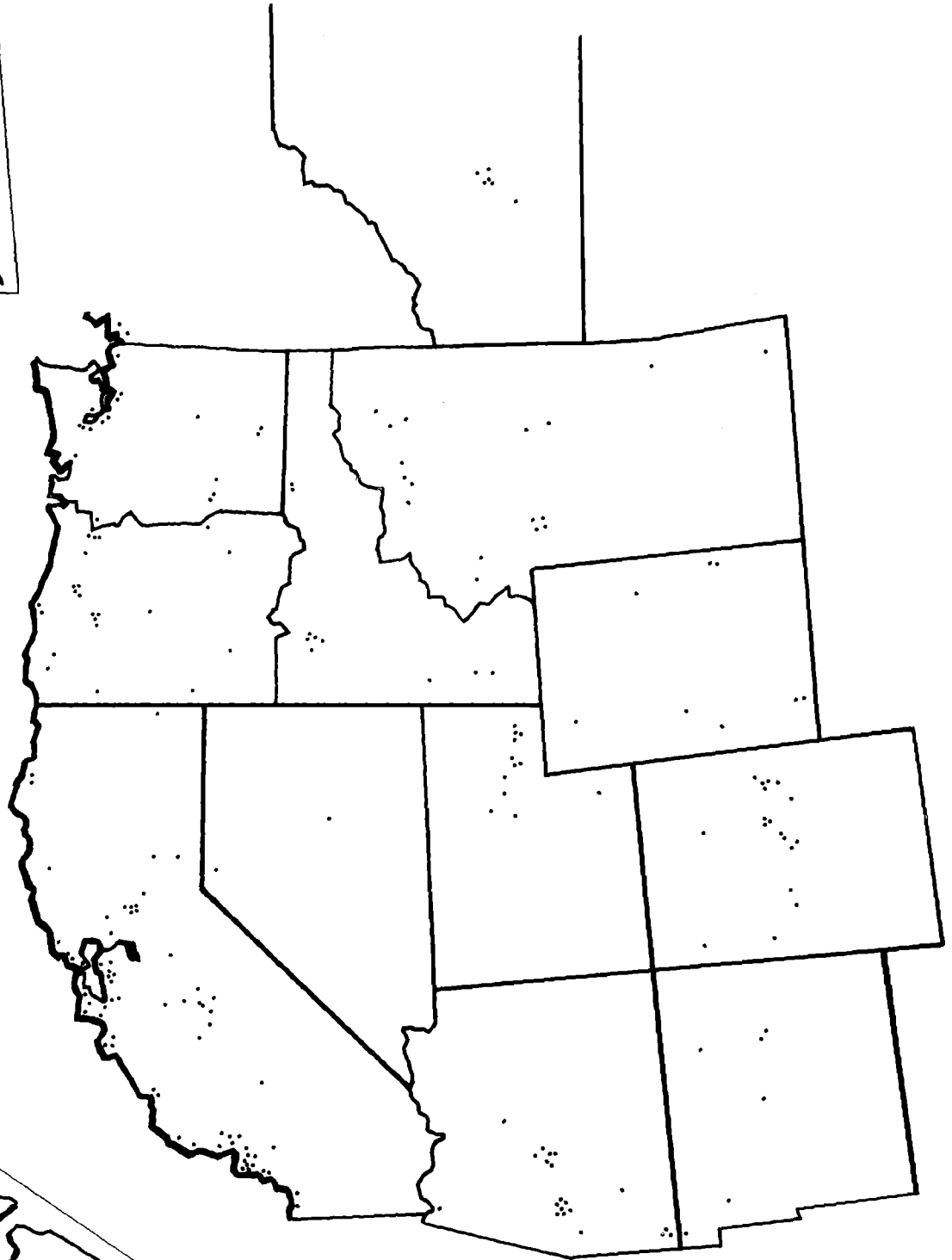
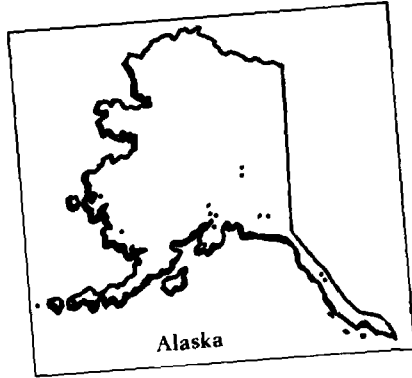
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North American Bird Bander (1981) "Annual Report," *North American Bird Bander*. Vol. 6 : Iss. 2 , Article 12.

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ANNUAL REPORT



LOCATIONS OF REPORTING STATIONS

An analysis of bird-banding reports for 1980
within the area of the
Western Bird Banding Association
Compiled by Fern R. Tainter

Species	Alaska	Yukon B.C. Alta.	Wash. Oreg.	Mont. Idaho	Calif.	Nev. Utah	Wyo. Colo.	Ariz. New Mex.	Mex.	Total	Largest Indiv. Total	By Whom
Common Loon							10			10	10	Seedskadee NWR
Arctic Loon							1			1	1	Seedskadee NWR
Horned Grebe							22			22	18	Seedskadee NWR
Eared Grebe							174			174	168	Seedskadee NWR
Western Grebe					1		42			43	35	Seedskadee NWR
Pied-billed Grebe					6		7			13	5 ea	Seedskadee; Oakland P.
Northern Fulmar	7									7	7	USFWS—Res.
Fork-tailed Storm-Petrel	1001		47							1048	1001	USFWS—Res.
Leach's Storm-Petrel	50		457		177					684	254	OR Inst. Mar. Bio.
Ashy Storm-Petrel					14					14	14	PRBO
White Pelican		63			101		150			314	100 ea	Klamath NWR; CO Div Non-game
Brown Pelican					220					220	220	Anderson, D.W.
Double-crested Cormorant		589	174	66	182		4			1015	583	Prov. Mus., Alta.
Brandt's Cormorant					690					690	690	PRBO
Pelagic Cormorant		4								4	4	B.C. Prov. Mus.
Great Blue Heron		3	32	63	34					132	62	Trost, C.H.
Green Heron					7					7	6	Rigney, M.
Cattle Egret							3			3	3	Ryder, R.A.
Snowy Egret				157		88	96	49		390	157	Ryder, R.A.
Black-crowned Night-Heron			185	269		51	150	107		762	269	Trost, C.H.
White-faced Ibis			2	217		122				341	217	Trost, C.H.
Whistling Swan	52	27								79	47	Izembek NWR
Trumpeter Swan	37	3		21						61	37	Sladen, W.J.
Canada Goose	985	599	397	1641	939	1398	849	36		6844	1373	UT Div. Wildlife Res.
Black Brant	420									420	419	Yukon Delta NWR
Emperor Goose	289									289	289	Yukon Delta NWR
White-fronted Goose	423				645					1068	405	CA Dept. Fish & Game
Snow Goose	161				455			495		1111	495	Bosque del Apache NWR
Ross' Goose					12					12	12	Klamath Basin NWR
Mallard	51	9103	3912	4937	6814		10,719	1203		36,739	9585	CO Div. Wildlife
Black Duck		3					1			4	3	Norman, K.D.
Gadwall		104		12	37		712			865	696	CO Div. Wildlife
Pintail	156	2904	209	13	2483		3547			9312	3279	CO Div. Wildlife
(American) Green-w Teal	1	378			136		1233			1748	1153	CO Div. Wildlife
(Eurasian) Green-w Teal	266									266	266	Aleutian Islands NWR
Blue-winged Teal		7595		36			420			8051	5027	Norman, K.D.
Cinnamon Teal		3			325		3			331	281	Sheldon-Hart Mtn-Modoc NWR
Blue-w and/or Cinn Teal							202	1		203	202	Alamosa-Monte Vista NWR
Garganey	1									1	1	Aleutian Islands NWR
American Wigeon	2	182	1	98	86		51			420	117	Norman, K.D.
Northern Shoveler		4		1	54		1			60	52	Kern-Pixley NWR
Wood Duck				78	145		18			241	100	Simmons, S.
Redhead		299			49	61	104			513	225	Norman, K.D.
Ring-necked Duck		4				1				5	2 ea	Benning, D.S.; Norman, K.D.
Canvasback		8			17	217	3			245	217	Ruby Lake NWR
Greater Scaup	38						10			48	33	Aleutian Islands NWR
Lesser Scaup		28			34	1	25			88	34	Oakland Park & Recr. Dept.
Common Goldeneye		10		3	3		7			23	5 ea	Benning, D.S.; Norman, K.D.
Bufflehead					1		8			9	5	Seedskadee NWR
Steller's Eider	944									944	944	Izembek NWR
White-winged Scoter							2			2	2	Seedskadee NWR
Surf Scoter							1			1	1	Seedskadee NWR
Ruddy Duck					2	40	32			74	40	Ruby Lake NWR
Common Merganser		11					4			15	11	Canadian Wildlife Serv.
Red-breasted Merganser							26			26	22	Seedskadee NWR
Turkey Vulture					15					15	14	Barrett, R.H.
White-tailed Kite					5					5	3	Bloom, P.H.
Goshawk	22			5		7		1		35	21	Clark, R.G.
Sharp-shinned Hawk	10	6	11	2	14	124		3		170	61	Harmata, A.R.
Cooper's Hawk		7	9	1	13	87		37		154	72	Millsap, B.A.

Species	Alaska	Yukon B.C. Alta.	Wash. Oreg.	Mont. Idaho	Calif.	Nev. Utah	Wyo. Colo.	Ariz. New Mex.	Mex.	Total	Largest Indiv. Total	By Whom
Red-tailed Hawk		77	42	64	178	73	2	103		539	85	Millsap, B.A.
Harlan's Hawk				1						1	1	Harmata, A.R.
Red-shouldered Hawk					72					72	64	Bloom-Beranek
Broad-winged Hawk		3								3	3	Jones, E.T.
Swainson's Hawk		138	73	5	45	9		7		277	123	Fyfe, R.
Rough-legged Hawk				1		1	2			4	1 ea	Four banders
Ferruginous Hawk		160	102	36	1	16	24	3		342	160	Fyfe, R.
Gray Hawk								1		1	1	Hildebrandt, T.D.
Harris' Hawk					1			46		47	25	Radke—Strachan, D.
Golden Eagle		23	4	30	10	73	7	3		150	46	Bloom—Hawks, S.
Bald Eagle	15		57	58	6	24	3	4		167	55	Meslow, E.C. (OR CWRU)
Marsh Hawk		7	4	5	5	6		6		33	5	Fyfe, R.
Osprey	3	1		38	23		7			72	38	Johnson, D.R.
Gyr Falcon		84								84	42 ea	Mossop; Fyfe
Prairie Falcon		162	33	107	27	65	50	1		445	162	Fyfe, R.
Peregrine Falcon	148	103	3		5		39		4	302	148	USFWS—AK, OES
Merlin		43	2		2	10				57	38	Fyfe, R.
American Kestrel	2	13	247	31	324	138	24	50		829	244	Bloom—Bryan, Hawks, Hogg
Blue Grouse		1100					126			1226	1100	Lewis, R.
Ruffed Grouse		3								3	3	Lewis, R.
White-tailed Ptarmigan							258			258	127	Braun, C.E.
Sage Grouse			10				1535			1545	1535	Braun, C.E.
California Quail			695		24	3				722	694	WA State Game Dept
Ring-necked Pheasant			100							100	100	WA State Game Dept
Miriam's Turkey			10							10	10	WA State Game Dept
Whooping Crane				5						5	5	ID Coop WRU
Sandhill Crane	1			100	46	4	29			180	133	ID Coop WRU
Virginia Rail				1	3		1			5	1 ea	Five banders
Sora				4	1		1			6	4	DeJong, D.
American Coot		21	14		10		13			58	21	Canadian Wildlife Service
Black Oystercatcher	2		4		10					16	10	PRBO
Semipalmated Plover		21	1		1					23	21	Canadian Wildlife Service
Snowy Plover					209					209	209	PRBO
Killdeer		11	1	8	2		3	1		26	11	Canadian Wildlife Service
Mountain Plover							2			2	2	Bodner, J.A.
American Golden Plover	28									28	27	Hanson, W.C.
Ruddy Turnstone		1								1	1	Canadian Wildlife Service
Black Turnstone	32									32	32	USFWS—AK, Res.
Common Snipe		5		2	79					86	79	CA Fish & Game Dept.
Upland Plover				1						1	1	Eng, R.L.
Spotted Sandpiper		1		1						2	1 ea	Jones, E.T.; Martin, D.J.
Solitary Sandpiper								4		4	4	West, S.
Wandering Tattler			1		2					3	2	PRBO
Willet					3					3	2	Sheldon-Hart Mt.-Modoc NWR
Lesser Yellowlegs		1			2					3	2	Ferguson, H.L.
Red Knot	2		1		4					7	4	Ferguson, H.L.
Rock Sandpiper	24									24	24	USFWS—AK
Pectoral Sandpiper	149	2								151	149	Hanson, W.C.
Baird's Sandpiper		2								2	2	Canadian Wildlife Service
Least Sandpiper		277	8	1	17			2		305	277	Canadian Wildlife Service
Dunlin	159	520			82					761	520	Canadian Wildlife Service
Short-billed Dowitcher			29		8					37	29	Hosea, F.
Long-billed Dowitcher		5	4		2			2		13	5	Canadian Wildlife Service
Dowitcher (sp. ?)					5			1		6	5	Ferguson, H.L.
Stilt Sandpiper	12									12	12	Hanson, W.C.
Semipalmated Sandpiper	164	37			1					202	155	Hanson, W.C.
Western Sandpiper	176	2800	151		177			1		3305	2800	Canadian Wildlife Service
Buff-breasted Sandpiper	28		1							29	28	Hanson, W.C.
Sanderling		19			126					145	126	Pitelka, F.A.
Black-necked Stilt								4		4	4	Truan, J.B.
Red Phalarope	31			2						33	28	Troy, D.
Northern Phalarope	53									53	24	Troy, D.
Glaucous-winged Gull	181		1512							1693	1394	Wahl, T.R.
Western Gull			1122		2055					3177	2054	PRBO
Herring Gull	7									7	6	USFWS—AK Res.

Species	Alaska	Yukon B.C. Alta.	Wash. Oreg.	Mont. Idaho	Calif.	Nev. Utah	Wyo. Colo.	Ariz. New Mex.	Mex.	Total	Largest Indiv. Total	By Whom
California Gull			1	1	1242		224			1468	1242	Winkler, D.
Ring-billed Gull			139	731			1			871	727	Moos, L.M.
Mew Gull	24									24	23	USFWS—AK Res.
Franklin's Gull		18								18	18	Finlay, J.C.
Bonaparte's Gull	1	1								2	1 ea	Canadian WS; Hood, L.L.
Black-legged Kittiwake	30									30	30	Murphy, E.
Sabine's Gull	1									1	1	PRBO
Common Tern				64						64	64	Moos, L.M.
Arctic Tern	25									25	13	Aleutian Islands NWR
Aleutian Tern	13									13	13	Aleutian Islands NWR
Least Tern					613					613	613	Collins—Recovery Team
Elegant Tern									52	52	52	Herzig-Zurcher, M.
Caspian Tern			1038		117					1155	1038	Hosea, F.
Royal Tern									50	50	50	Herzig-Zurcher, M.
Common Murre					3					3	3	McClure, H.E.
Black Guillemot	173									173	173	USFWS—AK, Res.
Pigeon Guillemot	29		46		83					158	76	PRBO
Cassin's Auklet			65		782					847	782	PRBO
Rhinoceros Auklet			30		7					37	28	Hosea, F.
Horned Puffin	8									8	8	USFWS—AK, Res.
Tufted Puffin	17				1					18	17	USFWS—AK, Res.
Band-tailed Pigeon			28		14		205			247	205	CO Div. Wildlife
White-winged Dove								3771		3771	3417	AZ Dept. Fish & Game
Mourning Dove				4	179		2	596		781	436	Walter, P.M.
Spotted Dove					166					166	141	McClure, H.E.
Ringed Turtle Dove					41			1		42	39	Cox, C.
Ground Dove					11			2		13	11	Bloom—Hogg
Inca Dove								432		432	151	Truan, J.B.
Yellow-billed Cuckoo							3			3	3	Williams, C.
Roadrunner					15			5		20	8	Vehrencamp, S.
Barn Owl			6	1	254	150		21		432	140	Marti, C.
Common Screech Owl			10	1	39	2	2	31		85	14	Simmons, S.
Flammulated Owl			3		3			2		8	3 ea	Bloom—Hawks; Pac.NW For.
Great Horned Owl	6	53	8	14	34	31	1	63		210	47	Millsap, B.A.
Hawk Owl		11								11	11	Gehlert, R.E.
Pygmy Owl					1					1	1	Condit, R.
Elf Owl								12		12	12	Walters, P.M.
Burrowing Owl		24	17		61		1	19		122	32	Ferguson, H.L.
Spotted Owl					1					1	1	Bloom—Barrows
Great Gray Owl	4	6								10	6	Gehlert, R.E.
Long-eared Owl		2	107	105	28	9		32		283	105	BLM-Boise—Kochert
Short-eared Owl		1		2	1					4	2	BLM-Boise—Kochert
Saw-whet Owl		7	1							8	6	Jones, E.T.
Poorwill					3		1	1		5	2	Fresno Wildlife Rescue
Vaux's Swift			2							2	2	Thompson-Cowley, L.
Black-chin. Hummingbird					73			37		110	48	Baldrige, F & S
Costa's Hummingbird								6		6	3 ea	Baltosser; Calder
Anna's Hummingbird					88			25		113	49	Baldrige, F & S
Broad-tailed Hummingbird					17		140	3		160	84	Calder, W.A.
Rufous Hummingbird					36		134	1		171	90	Calder, W.A.
Allen's Hummingbird					181					181	181	PRBO
Selasphorus (sp. ?)							22			22	22	Inouye, D.W.
Calliope Hummingbird					4		14			18	14	Calder, W.A.
Broad-bill. Hummingbird								1		1	1	Baltosser, W.H.
Hummingbird (sp. ?)							128			128	128	Calder, W.A.
Belted Kingfisher			1	4				1		6	3	Trost, C.H.
Common (Yel-sh) Flicker	7	6			1					14	7	Peyton, L.J.
Common (Red-sh) Flicker			11	8	34	6	5	21		85	14	Hundertmark, C.E.
Common (Y-s X R-s) Flicker			1		1		1			3	1 ea	Chase; ID CWRU; PRBO
Common (Gilded) Flicker								16		16	11	Walters, P.M.
Pileated Woodpecker			10		7					17	10	Pac. NW Forest
Gila Woodpecker								87		87	43	Walter, P.M.
Acorn Woodpecker					115			12		127	94	Davis, J.
Yellow-bellied Sapsucker		1	7	4	10	1	5	3		31	10	PRBO
Williamson's Sapsucker			7	1						8	5	ID Coop WRU

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Hairy Woodpecker	4	2	3	1	9		3			22	8	PRBO
Downy Woodpecker		10	4	1	12		5			32	6	Finlay, J.C.
Ladder-backed Woodpecker								8		8	3 ea	Tweit; Walters
Nuttall's Woodpecker					12					12	3 ea	Gerstenberg; Starr Ranch
Arizona Woodpecker								1		1	1	Church, J.P.
White-headed Woodpecker			11		2					13	11	Payne, D.E.
Eastern Kingbird		4								4	4	Jones, E.T.
Western Kingbird					4	9		90		103	84	Blancher, P.
Cassin's Kingbird								18		18	16	Blancher, P.
Great Crested Flycatcher					1					1	1	PRBO
Wied's Crested Flycatcher								24		24	23	Walters, P.M.
Ash-throated Flycatcher			3		62			5		70	38	Starr Ranch
Eastern Phoebe		1								1	1	Jones, E.T.
Black Phoebe					18			12		30	10	Walters, P.M.
Say's Phoebe				5	1	2	8	20		36	8	Truan, V.
Yellow-bellied Flycatcher		1								1	1	Jones, E.T.
(Traill's) Flycatcher								4		4	3	Walters, P.M.
Willow Flycatcher			1	2	14		11	1		29	14	PRBO
Alder Flycatcher		35								35	29	Jones, E.T.
Least Flycatcher		117			3		3	2		125	93	Jones, E.T.
Hammond's Flycatcher			35	8	8		10	4		65	35	ID Coop. WRU
Dusky Flycatcher		2	12	3	5	8	7	48		85	24	Hundertmark, C.E.
Gray Flycatcher					2	7		8		17	5	Burk, K.B.
Western Flycatcher		1			274	7	8	13		303	246	PRBO
Empidonax (sp. ?)				1			2	4		7	4	Hundertmark, C.E.
Western Wood-Pewee		12	10		83		6	11		122	77	PRBO
Olive-sided Flycatcher		1	2	2	14					19	14	PRBO
Vermilion Flycatcher								5		5	2 ea	Burk; Tweit
Horned Lark					2	4	42	2		50	37	Truan, V.
Violet-green Swallow	5	6	29	26			9	7		82	24	Burk, K.B.
Tree Swallow	5	1247	46	344	27		29			1698	898	Finlay, J.C.
Bank Swallow				64						64	64	Burrupe, D.
Rough-winged Swallow					4			7		11	4 ea	Burk; PRBO
Barn Swallow		36	40	33	68	5	30	14		226	29	McLean, R.G.
Cliff Swallow		11	48	3	264		81	92		499	136	Avian Studies, CSU, Fresno
Cave Swallow								21		21	21	West, S.
Purple Martin		657								657	542	Finlay, J.C.
Gray Jay	3		2	9			1			15	9	DeJong, D.
Blue Jay		19					15			34	12	Finlay, J.C.
Steller's Jay	6		34	3	32	1	4			80	13	Hosea, F.
Scrub Jay			20	1	135	5	5	6		172	37	McClure, H.E.
Mexican Jay								109		109	61	Brown, J.L.
Black-billed Magpie		1	6	475	12	148				642	472	Troost, C.H.
Yellow-billed Magpie					1					1	1	Davis, J.
Common Raven	10		9	83	12		1	4		119	83	BLM-Boise—Kochert
White-necked Raven								1		1	1	Ingram, K.A.
Common Crow		8			1		1			10	5	Jones, E.T.
Piñon Jay				20						20	20	DeJong, D.
Clark's Nutcracker					3	9				12	9	Vander Wall, S.
Black-capped Chickadee	25	176	42	43		29	23			338	83	Jones, E.T.
Mountain Chickadee			24	83	548	9	30	22		716	529	Dahlston, D.L.
Boreal Chickadee	4	8								12	8	Finlay, J.C.
Chestnut-back. Chickadee	14		10	5	202					231	125	PRBO
Plain Titmouse					82		1	9		92	15	Verner, J.
Bridled Titmouse								14		14	13	Church, J.P.
Verdin								48		48	18	Walter, P.M.
Bushtit			11		227		1	7		246	123	PRBO
White-breasted Nuthatch		1	7		24		2	17		51	7	Mus. of N. Ariz.
Red-breasted Nuthatch		20	10	8	6		1			45	18	Jones, E.T.
Pygmy Nuthatch				2	3		4	23		32	20	Mus. of N. Ariz.
Brown Creeper		2	7	2	67		2	3		83	63	PRBO
Wrentit			5		274					279	172	PRBO
Dipper						2	1			3	2	Castrale, J.S.
House Wren		28	4	353	89		28	8		510	330	Geis, M.
Winter Wren			3	1	18					22	18	PRBO

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Bewick's Wren		1	5		194			27		227	142	PRBO
Cactus Wren					6			61		67	29	Walter, P.M.
Long-billed Marsh Wren			1	2	25			5		33	18	Mewaldt, L.R.
Cañon Wren					1					1	1	McClure, H.E.
Rock Wren					5		2	4		11	5	PRBO
Mockingbird					37	1	1	41		80	12	NM Endangered Sp. Prog.
Gray Catbird		2					7	1		10	7	Williams, S.C.
Brown Thrasher					1			5		6	2	West, S.
Bendire's Thrasher								3		3	3	Truan, J.B.
Curve-billed Thrasher								175		175	66	Walters, P.M.
California Thrasher								17		17	8	McClure, H.E.
Crissal Thrasher								1		1	1	Burk, K.B.
Sage Thrasher					1	8	1	1		11	8	Castrale, J.S.
American Robin	5	55	117	71	77	33	64	76		498	70	Hundertmark, C.E.
Varied Thrush	1		20	1	17			1		40	17	PRBO
Hermit Thrush		10	2	6	418	1	4	95		536	219	PRBO
Swainson's Thrush	2	57	80	30	122	4	27	12		334	106	PRBO
Gray-cheeked Thrush		2								2	2	Jones, E.T.
Veery			1							1	1	ID Coop. WRU
Eastern Bluebird								4		4	4	Church, J.P.
Western Bluebird			70	54	396		16	36		572	388	McIntosh & Sanders
Mountain Bluebird		1232		375	10		67	47		1731	1208	Finlay, J.C.
Townsend's Solitaire		1	9	1	3	2	5			21	6	Payne, D.E.
Blue-gray Gnatcatcher					1		3	2		6	2 ea	Hundertmark; Wirtz
Black-tailed Gnatcatcher					2			2		4	2 ea	Atwood; Walters
Golden-crowned Kinglet			5	1	143					149	143	PRBO
Ruby-crowned Kinglet	2	9	47	6	576	7	19	40		706	463	PRBO
Water Pipit		1			11					12	11	Rigney, M.
Bohemian Waxwing	2		1	270		3				276	253	Jeppson, J.
Cedar Waxwing		10	8	6	16					40	7	Gerstenberg, R.H.
Phainopepla					4			3		7	4	McClure, H.E.
Northern Shrike			1	2						3	2	Jeppson, J.
Loggerhead Shrike					80		1	10		91	51	Hogg, N.
Starling			192	1	28	14	8	11		254	95	Benedict, R.
Hutton's Vireo					83					83	64	PRBO
Bell's Vireo					128			31		159	127	Greaves, J.M.
Solitary Vireo		3	10	1	9	3	2	5		33	10	ID Coop. WRU
Yellow-green Vireo					1					1	1	PRBO
Red-eyed Vireo		86		5			3			94	85	Jones, E.T.
Philadelphia Vireo		11					1			12	10	Jones, E.T.
Warbling Vireo		11	19	14	181	4	10	10		249	151	PRBO
Black-and-white Warbler		37								37	35	Jones, E.T.
Golden-winged Warbler					1					1	1	PRBO
Tennessee Warbler		726			17		1	1		745	670	Jones, E.T.
Orange-crowned Warbler	1	90	28	9	268	1	22	22		441	202	PRBO
Nashville Warbler		1	6	1	37		6	1		52	28	PRBO
Virginia's Warbler							15	10		25	7	Williams, C.
Lucy's Warbler								56		56	47	Walters, P.M.
Northern Parula					1					1	1	PRBO
Yellow Warbler		120	21	4	93	4	20	35		297	113	Jones, E.T.
Magnolia Warbler		49	4		6					59	44	Jones, E.T.
Cape May Warbler		8			1					9	8	Jones, E.T.
Black-thr Blue Warbler					1					1	1	PRBO
Y-rump (Myrtle) Warbler	2	326			52	14	11	1		406	277	Jones, E.T.
Y-rump (Aud) Warbler			102	44	297	129	28	64		664	164	Burk, K.
Y-rump (Myr X Aud) Warb			36					1		37	36	ID Coop. WRU
Black-thr Gray Warbler			3		13			1		17	11	PRBO
Townsend's Warbler			4	1	111		2			118	104	PRBO
Black-thr Green Warbler		8			2					10	8	Jones, E.T.
Hermit Warbler			1		26					27	26	PRBO
Grace's Warbler								1		1	1	McCallum, A.
Chestnut-sided Warbler		1			5		1			7	5	PRBO
Bay-breasted Warbler		20			1		1			22	19	Jones, E.T.
Blackpoll Warbler		95			18			1		114	83	Jones, E.T.
Prairie Warbler					1					1	1	PRBO

Species	Alaska	Yukon B.C. Alta.	Wash. Oreg.	Mont. Idaho	Calif.	Nev. Utah	Wyo. Colo.	Ariz. New Mex.	Mex.	Total	Largest Indiv. Total	By Whom
Palm Warbler		1			27					28	27	PRBO
Ovenbird		125			8		1	1		135	125	Jones, E.T.
Northern Waterthrush	1	29		5			1	2		38	29	Jones, E.T.
Louisiana Waterthrush ²								1		1	1	Walters (photo & data incl)
Connecticut Warbler		6			3					9	6	Jones, E.T.
Mourning Warbler		14			3					17	14	Jones, E.T.
MacGillivray's Warbler	1	3	13	37	49	1	19	38		161	38	PRBO
Common Yellowthroat		2	3	3	41	1	9	15		74	22	PRBO
Yellow-breasted Chat					2		18	12		32	18	Williams, C.
Wilson's Warbler		56	7	16	395	1	104	75		654	355	PRBO
Canada Warbler		6			2					8	6	Jones, E.T.
American Redstart		244		5	17		2	4		272	239	Jones, E.T.
Warbler (sp. ?)							2			2	2	Calder, W.A.
House Sparrow		33	12	10	578	24	169	410		1236	495	McClure, H.E.
Bobolink					3					3	3	PRBO
Eastern Meadowlark		5			8			1		1	1	Church, J.P.
Western Meadowlark		10				19	2	9		24	9	Hundertmark, C.E.
Yellow-headed Blackbird		76				3		2		107	67	Orians, G.
Red-winged Blackbird		47	1292	97	202		83	128		1852	1245	Orians, G.
Tricolored Blackbird					3					3	3	Baldrige, F & S
Orchard Oriole					2			2		4	2 ea	PRBO: West, S.
Hooded Oriole					1			12		13	8	Walters, P.M.
Scott's Oriole								23		23	23	Church, J.P.
N.(Baltimore) Oriole		18			1		1			20	10	Jones, E.T.
N.(Bullock's) Oriole			7	5	149	1	5	13		180	110	Davis, J.
Rusty Blackbird	1									1	1	Williams, R.B.
Brewer's Blackbird		1	36	17	241		6	10		311	137	McClure, H.E.
Great-tailed Grackle								24		24	20	Schneider, P.B.
Common Grackle		7		1			51			59	15	Truan, V.
Brown-headed Cowbird		7	31	39	109	1	34	34		255	51	Rothstein, S.I.—UCSB
Bronzed Cowbird								25		25	17	Walters, P.M.
Western Tanager		8	79	33	35	5	19	36		215	50	ID Coop. WRU
Scarlet Tanager					1					1	1	PRBO
Summer Tanager								2		2	1 ea	NM Endang Sp; Walters
Common Cardinal								107		107	45	Walters, P.M.
Brazilian Cardinal					1					1	1	McClure, H.E.
Pyrrhuloxia								27		27	13	Walters, P.M.
Rose-breasted Grosbeak		23			8			1		32	23	Jones, E.T.
Black-headed Grosbeak			14	3	74	23	4	34		152	26	PRBO
Blue Grosbeak					5		4	13		22	5	Hundertmark, C.E.
Indigo Bunting					3		1	2		6	3	PRBO
Lazuli Bunting			8	12	33	119	10	11		193	100	Killpack, M.L.
Varied Bunting								1		1	1	West, S.
Painted Bunting								3		3	3	West, S.
Evening Grosbeak		392	97	302			48			839	292	Finlay, J.C.
Purple Finch		14	104	3	317		2			440	283	PRBO
Cassin's Finch			172	85	5	78	402	138		880	145	Ryder, R.A.
House Finch	1	16	368	137	2074	270	414	1067		4347	1243	McClure, H.E.
Pine Grosbeak	4									4	4	Hood, L.L.
Gray-crowned Rosy Finch	147			4						151	147	Izembek NWR
Hoary Redpoll	29									29	15	Peyton, L.J.
Common Redpoll	65									65	61	Hood, L.L.
Redpoll (sp. ?)	47									47	47	Peyton, L.J.
Pine Siskin	1	8	94	297	309	117	472	76		1374	309	Ryder, R.A.
American Goldfinch		5	324	9	91	2	18	7		456	284	Kebbe, C.E.
Lesser Goldfinch			10		121		8	60		199	63	Mewaldt, L.R.
Lawrence's Goldfinch					29					29	29	Davis, J.
Red Crossbill			4	3						7	4	Payne, D.E.
Green-tailed Towhee			3		9	3	99	46		160	85	Mery, S.C.
Rufous-sided Towhee		1	89	2	314	48	28	42		524	101	McClure, H.E.
Brown Towhee			2		154			55		211	67	McClure, H.E.
Abert's Towhee								65		65	44	Walters, P.M.
Lark Bunting						1	36			37	31	Truan, V.
Savannah Sparrow		18	18	6	69	2	13	137		263	121	Hundertmark, C.E.
Grasshopper Sparrow					1			2		3	2	Hundertmark, C.E.

Species	Alaska	Yukon B.C. Alta.	Wash. Oreg.	Mont. Idaho	Calif.	Nev. Utah	Wyo. Colo.	Ariz. New Mex.	Mex.	Total	Largest Indiv. Total	By Whom
Sharp-tailed Sparrow					2					2	1 ea	DeSante; Jones
Vesper Sparrow			8		1	13	119	54		195	115	Mery, S.C.
Lark Sparrow					6	3	54	21		84	29	Truan, V.
Rufous-crowned Sparrow					4			10		14	7	Scholes, R.T.
Cassin's Sparrow								9		9	4	West, S.
Black-throated Sparrow					26			61		87	26	Fisler, G.F.—CSU, Northridge
Sage Sparrow			3		142			3		148	141	Hyde, K.M.
Dark-eyed (W-wing) Junco							8			8	7	Snyder, M.
Dark-eyed (Slate-c) Junco	96	160	3	12	1	15	18	1		306	102	Jones, E.T.
Dark-eyed (Oregon) Junco	239	76	1048	338	557	352	103	142		2855	345	Payne, D.E.
Dark-eyed (subsp?) Junco	2		5	19			17	602		645	602	Mus. N. Ariz.
Gray-headed Junco				2		1	110	604		717	555	Mus. N. Ariz.
Yellow-eyed (Mex.) Junco								1		1	1	Spofford, S.H.
Tree Sparrow	5	12		14	1		19			51	13	Eppl, P.J.
Chipping Sparrow		28	188	7	47	3	96	238		607	120	ID Coop. WRU
Clay-colored Sparrow		12			4		3	1		20	6 ea	Findlay; Jones
Brewer's Sparrow			44		4	27	63	22		160	58	Mery, S.C.
Harris' Sparrow	1		1		1	1	5			9	3	Thorne, O.
(Gambel's) Wt-crnr Sparrow	72	1	329	2	1030	10	27	3052		4523	1931	Corchran, C.E.
(Mount) Wt-crnr Sparrow			32	12	234		10	15		303	227	Morton, M.L.
(Puget S.) Wt-crnr Sparrow			5	198						203	105	PRBO
(Nuttall's) Wt-crnr Sparrow					705					705	389	PRBO
Wt-crnr (subsp?) Sparrow		2	27	2	697	1	119	129		977	599	Rothstein, S.I.—UCSB
Golden-crowned Sparrow	6		148		747			2		903	379	PRBO
White-throated Sparrow		51	1		6		1	3		62	47	Jones, E.T.
Fox Sparrow	4	5	91	1	201	5	2	4		313	148	PRBO
Lincoln's Sparrow	3	12	10	16	172	1	33	142		389	138	PRBO
Swamp Sparrow								7		7	4	West, S.
Song Sparrow	5	14	124	29	429	2	12	30		645	304	PRBO
Lapland Longspur	263									263	263	Hanson, W.C.
Snow Bunting	24									24	19	Izembek NWR
McKay's Bunting	1									1	1	Izembek NWR
GRAND TOTAL	7,580	34,557	17,366	13,330	38,216	4,444	25,278	16,910	106	157,787		

¹ First banding in W.B.B.A. area

² First banding in W.B.B.A. area

Hawaiian birds

Species	Total	Lgst Indiv Total	By Whom
Black-footed Albatross	296	296	HI/Pac Is NWR
Laysan Albatross	503	503	HI/Pac Is NWR
Wedge-tailed Shearwater	740	659	HI/Pac Is NWR
Christmas Island Shearwater	91	91	HI/Pac Is NWR
Manx (Newell's) Shearwater	1299	1299	Hawaiian F&G
Dark-rumped Petrel	2	2	Hawaiian F&G
Bonin Petrel	65	65	HI/Pac Is NWR
Bulwer's Petrel	151	151	HI/Pac Is NWR
White-tailed Tropicbird	1	1	Hawaiian F&G
Red-tailed Tropicbird	116	90	Schreiber, R.W.
Blue-faced Booby	186	100	Schreiber, R.W.
Brown Booby	127	126	HI/Pac Is NWR
Red-footed Booby	53	53	Schreiber, R.W.
Great Frigatebird	165	165	Schreiber, R.W.
Hawaiian Goose (Nene)	1	1	Haleakala N.P.
Hawaiian Hawk (Buteo solitario)	1	1	Ralph, C.J.
Common (Hawaiian) Gallinule	1	1	Hawaiian F&G
American (Hawaiian) Coot	14	14	Hawaiian F&G
American Golden Plover	45	28	Johnson, O.
Black-necked (Hawaiian) Stilt	101	101	Hawaiian F&G
Ruddy Turnstone*	107	107	HI/Pac Is NWR
Sooty Tern	65	58	Flint, E.N.
Grey-backed Tern	97	97	HI/Pac Is NWR
Noddy Tern (Brown or Common Noddy)	87	87	HI/Pac Is NWR
Black Noddy	216	216	HI/Pac Is NWR
Fairy (White) Tern	9	9	HI/Pac Is NWR
Rock Dove*	14	14	van Riper, C.
Lace-necked (Chinese or Spotted) Dove	1	1	van Riper, C.

Species	Total	Lgst Indiv Total	By Whom
Barred Dove	16	16	van Riper, C.
Hawaiian Crow (Alala)	8	8	Ralph, C.J.
Melodious Laughing (Chinese) Thrush	2	2	Ralph, C.J.
Red-billed Leiothrix	211	175	Ralph, C.J.
Red-vented Bulbul	2	2	van Riper, C.
Red-vented Bulbul (Sub-sp)*	5	5	van Riper, C.
Hawaiian Thrush	51	43	Ralph, C.J.
Elepaio	76	57	Ralph, C.J.
Indian Myna	1	1	van Riper, C.
Japanese White-eye	182	100	Ralph, C.J.
Apapane	169	110	Ralph, C.J.
Iiwi	212	212	Ralph, C.J.
Amakihi	276	230	van Riper, C.
Hawaiian Creeper	12	12	Ralph, C.J.
Akepa	30	30	Ralph, C.J.
Akiapolaau	5	5	Ralph, C.J.
Laysan-Nihoa Finch	3	3	HI/Pac Is NWR
Palila	4	4	van Riper, C.
Bush Warbler*	3	3	van Riper, C.
House Sparrow	166	166	van Riper, C.
Spotted Munia or Ricebird	8	5	Ralph, C.J.
Cardinal	15	12	Ralph, C.J.
Red-crested Cardinal	21	21	van Riper
Orange-cheeked Waxbill*	2	2	van Riper, C.
House Finch	49	39	van Riper, C.
Grand total	6083		

* Species banded for first time in Hawaii

Summary report of individual banders

260 responding banders

(22 sub-permittees)

76 banders reporting no birds banded

Totals include hybrids, intergrades, unidentified species, and subspecies.

Bander	Address	Species	No.
A	Alamosa-Monte Vista NWR	c/o M.T. Nail, Box 1148, Alamosa, CO 81101	6 1679
	Alaska Area Director, USFWS	K.M. Schreiner, 1011 E. Tudor Rd., Anchorage, AK 99503	1 148
	Alaska Fish & Game	Daniel Timm, 333 Raspberry Rd., Anchorage, AK 99502	7 363
	Aleutian Island NWR	c/o J.L. Martin, Box 5251, Adak, AK 98991	8 775
	Allied Chemical	P.O. Box 551, Green River, WY 82935	13 50
	Anderson, C.M.	1623 6th St. West, Kirkland, WA 98033	5 18
	Anderson, Dr. Daniel W.	Univ. of Calif., W&F Biol., Davis, CA 95616	1 220
	Arizona Game & Fish	c/o Game Mgmt Div., 2222 W. Greenway, Phoenix, AZ 85023	2 3452
	Armitage, Dr. James H.	1850 Folsom, No. 405, Boulder, CO 80302	4 12
	Atwood, Jonathan L.	2218 San Anselme, No. 6, Long Beach, CA 90815	1 2
	Avian Studies	Biology Dept., C.S.U., Fresno, CA 93740	51 551
	Ervin, Dr. Stephen		
	Harmon, Dr. W.A.		
	Staebler, Dr. A.E.		
	(Stafford, M.)		
	(Kappler, L.)		
B	Baldridge, Frank A.	Box 701, Three Rivers, CA 93271	5 106
	(Baldridge, Susan K.)		
	Balphy, Dr. Martha H.	1344 Canyon Rd., Logan, UT 84321	5 186
	Baltosser, William H.	New Mexico G&F, State Capitol, Santa Fe, NM 85703	9 17
	Barrett, Dr. R. H.	Univ. of Calif., 145 Mulford Hall, Berkeley, CA 94720	3 24
	Barry, T.W.	14322 Ravine Dr., Edmonton, Alta, Canada T5N 3M3	2 33
	Benedict, Dr. Richard D.	2575 Roosevelt Blvd., Eugene, OR 97402	27 254
	Benning, Douglas S.	1360 S. Wadsworth Blvd., Denver, CO 80226	13 5713
	Benton Lake NWR	c/o R.L. Pearson, Box 450, Black Eagle, MT 59414	1 274
	Benton, Robert W.	2784 W 3835 S, Salt Lake City, UT 84119	5 23
	Bishop, Marcella M.	Shoreline Route, Polson, MT 59860	5 44
	Bitter Lake NWR	c/o L.B. Marlatt, Box 7, Roswell, NM 88201	1 198
	Blancher, Peter	Queens Univ., Kingston, Ont. Canada K7L 3N6	2 100
	Bloom, Peter H.	13611 Hewes Ave., Santa Ana, CA 92705	37 972
	(Barrows, Cam)		
	(Berenek, C.)		
	(Bryan, Jim)		
	(Hawks, Steve)		
	(Hogg, N.D.)		
	(Scott, Tom)		
	Boersma, Dr. P.D.	217 Eng. Annex FM-12, Seattle, WA 98195	4 317
	Bosque del Apache NWR	c/o R. Perry, Box 1246, Socorro, NM 87801	2 1500
	B.C. Provincial Museum	601 Belleville St., Victoria, B.C., Canada	2 10
	Brockner, Sylvia	5965 S. Herzman Dr., Evergreen, CO 80439	17 190
	Brown, Dr. Jerram L.	Biol. Sci., State Univ. of NY, Albany, NY 12222	1 61
	BLM-Boise Dist.	c/o Michael N. Kochert, 230 Collins Rd., Boise, ID 83702	10 378
	Burk, Kathryn B.	2738 W. Casas Dr., Tucson, AZ 85704	87 1066
	Burru, D.	Box 19, Aberdeen, ID 83210	11 101
C	Calder, Dr. William A., III	Ecol. & Evol., Univ. of Ariz., Tucson, AZ 85721	31 468
	Calif. Dept. Fish & Game	J.R. LaDonne, 1416 9th St., Sacramento, CA 95814	12 2214
	Calif. St. Univ., Northridge	c/o G.S. Fisler, Biol. Dept., Northridge, CA 91330	4 65
	Camp, Lee B.	Box 48, 141 S 250 E, Hyde Park, UT 84318	5 82
	Campbell, E.G.	1609 S. 12th Ave., Safford, AZ 85546	1 1
	Canadian Wildlife Service	Box 340, Delta, B.C., Canada V4K 3Y3	32 4200
	Carey, Dr. Cynthia	Biology Dept., Univ. of Colo., Boulder, CO 80309	2 78
	Castrale, John S.	Zool. Dept., Brigham Young Univ., Provo, UT 84602	18 124
	Channing, Dr. Edward C.	115 Sierra Dr., Turlock, CA 95380	2 50
	Chapel, M.T.	4886 E. Jensen Ave., Fresno, CA 93710	19 68
	Chase III, Charles A.	1380 Brown Circle, Boulder, CO 80303	5 14
	Cheeseman, Jr., Douglas T.	Biol. Dept., De Anza College, Cupertino, CA 95014	30 215

	Bander	Address	Species	No.
C	Church, Jane P.	Box 423, Sonoita, AZ 85637	45	751
	Collins, Dr. Charles T. (Landry, Ross) (Least Tern Recov. Team)	Biol. Dept., Calif. State Univ., Long Beach, CA 90840	29	814
	Colorado Div. Wildlife	c/o H.D. Funk, 317 W. Prospect, Ft Collins, CO 80526	13	16,290
	Colorado Mtn. College	c/o Parry Larsen, W-Campus, Glenwood Springs, CO 81601	5	58
	Colorado (State) Non-Game	317 W. Prospect, Ft. Collins, CO 80526	3	173
	Columbia NWR	c/o D.E. Goeke, P.O. Drawer F, Othello, WA 99344	1	2780
	Condit, Richard	Biol. Dept., Univ. of Calif., Santa Cruz, CA 95064	14	46
	Conover, M.	CT Agric Exp Stn, Box 1106, New Haven, CT 06504	1	133
	Corchran, Charles E.	Box 367, Lake Hubert, MN 56459	49	2510
	Cox, Dr. Cathleen R.	2333 Vista Gordo Dr., Los Angeles, CA 90026	1	39
D	Dahlsten, D.L.	1050 San Pablo Ave., Albany, CA 94706	2	577
	Davis, Dr. John	Hastings Res., Star Route 80, Carmel Valley, CA 93924	48	691
	Deer Flat NWR	c/o E.C. Barney, Rte 1, Box 1457, Nampa, ID 83651	2	667
	DeJong, Daniel	Rural Rt., Marion, MT 59925	37	471
	Den, Steven E.	2905 Galway Dr., LaPorte, CO 80535	14	94
	Denver Wildlife Res. Center	c/o Alan Jenkins, Bldg. 16, Federal Ctr., Denver, CO 80225	2	7
	DeSante, Dr. David F.	4990 Shoreline Hwy, Stinson Beach, CA 94970	6	13
	Dixon, Dr. Keith L.	Biol. Dept. UMC 53, Utah State Univ., Logan, UT 84322	5	184
	Duffield, M.O.	Rte. 2, Box 481A, Shelton, WA 98584	3	63
E	Elmore, Marjorie M.	1728 Hudson Dr., San Jose, CA 95124	11	54
	Eng, Dr. R.	Montana State Univ., Bozeman, MT 59717	2	3
	Epple, Paulette J.	Box 1052, Big Timber, MT 59011	5	31
F	Feltes, Charles H.	437 Myrtle Ave., Modesto, CA 95350	25	257
	Ferguson, H.L.	3542 Front St., San Diego, CA 92103	10	224
	Ferris, Reed W.	729 Hackberry Place, Fallbrook, CA 92028	12	118
	Finley, James C.	Box 7, Site 9, R.R. 2, Sherwood Park, Alta T8A 3K2	63	3526
	Finley NWR	c/o J. Annear, Rt. 2, Box 208, Corvallis, OR 97330	1	701
	Fish Springs NWR	c/o G. Ellison, Dugway, UT 84022	2	26
	Fleischer, R.C.	Museum of Nat. Hist., Univ. of Kansas, Lawrence, KS 66045	3	12
	Fleming, Tracy L.	Box 102, Rosalia, WA 99170	8	62
	Flint, E.N.	Dept. Biol., Univ. of Calif., Los Angeles, CA 90024	1	58
	Fresno Wildlife Rescue	c/o C. Garner, 1936 W. Princeton St., Fresno, CA 93790	19	116
	Fyfe, Richard	C.W.S., Dept. Env., Rm 1000, 9942 108th St., Edmonton, Alta T5K 2J5	16	723
G	Gates, James M & Eugenia	3025 E. 2nd St., Tucson, AZ 85716	2	108
	Gehlert, R.E.	12155 96th St., Edmonton, Alta, Canada T5G 1V9	3	19
	Geis, Mrs. Mary	13870 Kelly Canyon Rd., Bozeman, MT 59715	5	611
	Gellman, S.	Box 1192, Willits, CA 95490	1	12
	Genelly, Dr. Richard E.	Rte. 1, Box 24, Bayside, CA 95524	5	80
	Gerstenberg, Ron H.	Forestry & Wldl, Reedley College, Reedley, CA 93654	34	445
	Gessaman, Dr. James A.	Utah State Univ., UMC 53, Logan, UT 84322	4	108
	Gliniski, Richard L.	Box 687, Tempe, AZ 85281	3	6
	Greaves, J.M.	7363-A Freeman Place, Goleta, CA 93117	1	127
H	Haleakala Natl Park	c/o H. Huntzinger, Box 537, Makawao, Maui, HI 96768	1	1
	Hansen, Robert B.	665 W. Dovewood Lane, Fresno, CA 93704	2	12
	Hanson, Wayne C.	5707 W. 8th Ave., Kennewick, WA 99336	9	670
	Hardy, J.W.	Florida State Mus., Gainesville, FL 32611	9	54
	Harmata, Alan R.	Dept. Biol., Mont. State Univ., Bozeman, MT 59717	13	163
	Hawaii Div. F&G	c/o T.A. Burr, 1151 Punchbowl St., Honolulu, HI 96850	7	1499
	Hawaiian Islands NWR	300 Alamoana, Box 50167, Honolulu, HI 96850	17	2482
	Herlugson, Christopher J.	Dept. Zool., Wash. State Univ., Pullman, WA 99164	1	24
	Herman, Dr. Steven G.	2935 70th Ave., SW, Olympia, WA 98502	25	233
	Herzig-Zurcher, Monica	Anecito Ortega, No. 1025, Mexico 12, D.F., Mexico	2	102
	Hildebrandt, Dr. Thomas D.	Dept. Zool., Ariz. State Univ., Tempe, AZ 85281	11	59
	Hood, Larry L.	3040 Concord Lane, Anchorage, AK 99502	20	155
	Hosea, Fred	1221 E. Park, Montesano, WA 98563	45	2938
	Hundertmark, C.A.	223 Morningside NE, Albuquerque, NM 87108	64	810
	Hurlbert, Capt. Elgin B.	Box 123, Pacific Grove, CA 93950	9	70
	Hyde, Dr. Kenneth M.	Dept. Biol., Pt. Loma College, San Diego, CA 92106	7	160

	Bander	Address	Species	No.
I	Idaho Coop. W.R.U.	c/o E.G. Bizeau, Univ. of Idaho, Moscow, ID 83843	40	730
	Idaho Dept. Fish & Game	c/o D.C. Norell, 600 S. Walnut, P.O. Box 25, Boise, ID 83707	5	1049
	Ingram, Dr. Kathryn A.	11825 N. 70th St., Scottsdale, AZ 85254	20	95
	Inouye, Dr. David W.	Dept. Zool., Univ. of Maryland, College Park, MD 20742	2	121
	Inst. of Arctic Biology	c/o Edward Murphy, Univ. of Alaska, Fairbanks, AK 99701	2	191
	Izembek NWR	c/o J. Sarvis, Pouch 2, Cold Bay, AK 99571	10	1239
J	Jacobson, Lois P.	4100 Graham St., Pleasanton, CA 94566	9	118
	Jeppson, Joseph H.	962 Highland, Pocatello, ID 83201	39	1076
	Johnson, Dr. Donald R.	830 Ford, Moscow, ID 83843	5	78
	Johnson, Virginia P.	4637 Del Mar, San Diego, CA 92107	2	4
	Jones, Edgar T.	6115 141st St., Edmonton, Alta, Canada T6H 4A6	86	2901
K	Kaminsky, Muriel	1213 Robertson Way, Sacramento, CA 95818	4	37
	Kebbe, Chester E.	5414 NE Emerson St., Portland, OR 97218	36	924
	Kern Pixley NWR	c/o T.J. Charmley, Box 219, Delano, CA 93216	7	835
	Killpack, Merlin L.	1726 24th St., Ogden, UT 84401	33	690
	Kinnaird, John S.	Box 676, Barrhead, Alta, Canada T0G 0E0	4	450
	Klamath Basin NWR	c/o E.J. O'Neill, Rte. 1, Box 74, Tulalake, CA 96134	7	6196
	Kuyt, Ernest	3810-103 B St., Edmonton, A0W1 Canada T6J 2X9	2	2
L	Lakata, George D.	4888 Gloria Gayle Way, Florence, OR 97439	12	354
	Lawson, Dr. P.T.	4510 62nd St. NW, Gig Harbor, WA 98335	7	48
	Lee Metcalf NWR	c/o R.C. Twist, Box 257, Stevensville, MT 59870	1	1000
	Leopold, Dr. A. Starker	Forestry & Conserv., Univ. of Calif., Berkeley, CA 94707	3	85
	Lewis, R.	Univ. of Alberta, Edmonton, Alta, Canada T6J 2X9	2	1103
	Linsdale, Mary Ann	657 Kirkwood Ave., Salinas, CA 93901	3	22
M	MacDonald, John A.	128 Sharon Court, Los Gatos, CA 95030	6	57
	Malheur NWR	c/o J.P. Mazzoni, Box 113, Burns, OR 97720	8	95
	Manning, D.C.	Box 53, Rt., 2, Roosevelt, UT 84066	1	10
	Marti, Dr. Carl D.	Dept. Zool., Weber State Coll., Ogden, UT 84408	13	332
	Martin, Dr. Dennis J.	Biol., Dept., Pacific Lutheran Univ., Tacoma, WA 98447	24	76
	McCallum, D. Archibald	Rte. 2, Box 3, Thoreau, NM 87323	30	172
	McClelland, Dr. B. Riley	Forestry, Univ. of Mont., Missoula, MT 59801	3	58
	McClure, Dr. H. Elliott	69 E. Loop Dr., Camarillo, CA 93010	61	3047
	McIntosh, Beverly	3832 E. 14th St., Long Beach, CA 90804	35	450
	McKenzie, Dr. Don S.	2805 S. Glenmorrie Dr., Lake Oswego, OR 97034	15	97
	McKernan, Robert L.	86 N. San Mateo, No. D., Redlands, CA 92373	4	14
	McKnight, Barbara	Box 246, Glenwood, NM 88039	6	42
	McLean, Dr. Robert G.	PHS, DHEW, Box 2087, Ft. Collins, CO 80522	1	29
	Medicine Lake NWR	c/o J.R. Bellinger, Medicine Lake, MT 59247	2	854
	Merrick, Jr., George G.	3090 NE Denser Rd., Bend, OR 97701	2	7
	Mery, Mrs. A.M.	345 SE Boston Ave., Bartlesville, OK 74003	34	690
	Mewaldt, Dr. L. Richard	Avian Biology, San Jose State Univ., San Jose, CA 95192	60	1666
	Millsap, Brian A.	2828 W. Coolidge Ave., Phoenix, AZ 85017	11	361
	Minidoka NWR	c/o J.D. Hill, Rt. 4, Rupert, ID 83350	1	400
	Montana Fish & Game Dept.	c/o D. Childress, Box 488, Fairfield, MT 59620	7	1776
	Moore, David S.	469 Shepherd Ave., San Jose, CA 95125	4	11
	Moorhouse, Dr. A.	2303 7th St., Douglas, AZ 85607	4	11
	Moos, Louis M.	712 S. 13th, Bozeman, MT 59715	11	1327
	Morton, Dr. Martin L.	Biol., Dept. Occidental College, Los Angeles, CA 90041	4	345
	Mossop, D.H.	Wildf Branch, Yukon F&G, Box 2703, Whitehorse, Yukon YT Y1A 2C6	6	387
	Munro, W.T.	B.C. F&W Branch, Parliament Bldg., Victoria, B.C., Canada V8V 1X4	3	366
	Murphy, Dr. Joseph R.	Dept. Zool., 167 WIDB, Brigham Young Univ., Provo, UT 84602	8	21
	Museum of N. Arizona	c/o Philip Gaddis, Rt. 4, Box 720, Flagstaff, AZ 86001	15	1386
N	National Bison Range	c/o R.C. Brown, Moiese, MT 59824	1	286
	New Mex. Endang. Species Prog.	c/o Dr. John P. Hubbard, NM Dept. F&G, Santa Fe, NM 87503	30	210
	Norman, K.D.	USFWS, Ste 1692, 500 NE Multnomah St., Portland, OR 97232	14	14,497
O	Oakland Parks & Recr. Dept.	c/o R. Kaufmann, 1520 Lakeside, Oakland, CA 94611	8	100
	Ohmart, Dr. Robert D.	Dept. Zool., Ariz. State Univ., Tempe, AZ 85281	1	3
	Orde, C.J.	U.S. Forest Serv., Box 1425, Saratoga, WY 82331	7	107
	Oregon Coop. WRU	c/o Dr. E.C. Meslow, 104 Nash Hall, O.S.U., Corvallis, OR 97331	4	60
	Oregon Dept. Fish & Wildlife	c/o R.R. Denny, 506 SW Mill, Portland, OR 97208	5	357
	Orians, Dr. Gordon H.	Dept. Zool., Univ. of Wash., Seattle, WA 98195	5	1331

	Bander	Address	Species	No.
P	Pacific N.W. Field Station	c/o Dr. Charles Henny, 480 SW Airport Rd., Corvallis, OR 97330	13	628
	Pac. NW For./Range Expt. Station	c/o Dr. J.W. Thomas, Rte 2, Box 2315, La Grande, OR 97850	2	13
	Pacific Northwest Laboratory	c/o Richard E. Fitzner, Ecosystems Dept., Battelle, Richland, WA 99352	4	212
	Paul, Don S.	1214 W 5050 S, Ogden, UT 84403	1	2
	Payne, Donald E. (Contreras, Alan)	34886 Matthews Rd., Eugene, OR 97405	52	1114
	Peterson, Donald L.	1309 N. Lima St., Burbank, CA 91505	2	3
	Peterson, Jr., Liven A.	2015 Sunrise Rim Rd., Boise, ID 83705	3	172
	Peterson, Dr. Steven R.	Forestry, Univ. of Idaho, Moscow, ID 83843	1	77
	Petrinovich, Dr. Lewis	Dept. Psych, Univ. of Calif., Riverside, CA 92502	5	189
	Peyton, Leonard J. (Clark, Ronald G.)	Univ. of Alaska, Arctic Biology, Fairbanks, AK 99701	7	90
	(Murphy, E.)		5	42
	(Troy, Declan)		2	191
	Pitelka, Dr. Frank A.		4	64
	Pitman, R.L.	Mus of Vert. Zool. Univ. of Calif. Berkeley, CA 94720	1	126
	Point Reyes Bird Observatory	Oregon Inst. Marine Biol., Charleston, OR 97420	1	254
	Provincial Museum of Alberta	c/o B. Heneman, 4990 St. Rt. 1, Stinson Beach, CA 94970	155	10,718
	Pyle, Dr. Robert L.	c/o Dr. P.H.R. Stepney, 12845 102 Ave., Edmonton, Alta T5N 0M6	2	646
		741 N. Kalaheo Ave., Kailua, HI 96734	1	28
R	Radke, Eleanor L. (Stewart, Glen)	P.O. Box 446, Cave Creek, AZ 85331	8	162
	(Strachan, Duna)		1	25
	Ralph, Dr. C. John		1	21
	Raveling, D.G.	U.S. Forest Serv., 1151 Punchbowl St., Honolulu, HI 96813	16	828
	Ream, Dr. Catherine H.	Wildlife & Fisheries Biol., Univ. of Calif, Davis, CA 95616	1	9
	Red Rock Lakes NWR	4217 Timberlane, Missoula, MT 59801	5	12
	Reichel, James D.	c/o R. Jostrom, Monida Star Rt., Box 15, Lima, MT 59739	1	21
	Ridgefield NWR	Dept. Zool, Wash. State Univ., Pullman, WA 99164	2	6
	Rigney, Michael	c/o G.D. Gahimer, Box 457, Ridgefield, WA 98642	1	13
	Ringerling, O.D.	20401 Miljevich Ave., Saratoga, CA 95070	28	399
	Ritschel, Mrs. S.E.	Box 643, Rogue River, OR 97537	17	56
	Rogers, T.H.	2014 Verano Pl., Irvine, CA 92715	1	88
	Ruby Lake NWR	East 10820 Maxwell, Spokane, WA 99206	1	1
	Ryder, Dr. Ronald A. (Bodner, Theodore P.)	c/o F. Cameron, Ruby Valley, NV 89833	9	553
	(Cringan, Alexander T.)	Dept. Fish/Wildlife Biol., Colo. St. Univ., Ft. Collins, CO 80523	32	1151
	(Ellis, T.)		5	20
			8	235
			5	168
S	Sacramento NWR	c/o Lonnie Schultz, Rte. 1, Box 311, Willows, CA 95988	8	903
	San Luis N.W.R.	c/o L. Raven, Box 2176, Los Banos, CA 93635	2	61
	Schneider, Paul B.	Box 570, Prescott, AZ 86302	21	147
	Scholes, Dr. Robert T.	Box 117, Rodeo, NM 88056	24	365
	Schreiber, Dr. Ralph W.	Nat. Hist. Mus., 900 Exposition Blvd., Los Angeles, CA 90007	5	386
	Schultz, Terry A.	Dept. Vet. Med., Univ. of Calif., Davis, CA 95616	1	50
	Seamans, James O.	4136 E. Solano Dr., Phoenix, AZ 85018	2	2
	Sedgwick, James A.	6533 E. Highway 14, Ft. Collins, CO 80524	18	69
	Seedskaadee N.W.R.	c/o J. Rodriguez, Fontanelle Rt., Kemmerer, WY 83101	20	352
	Shea, D.S.	Box 461, Powers, OR 97466	1	53
	Sheldon/Hart Mt./Modoc N.W.R.	c/o Voget & Bloom, Box 111, Lakeview, OR 97630	13	2072
	Shor, Capt. Williston	318 Montford Ave., Mill Valley, CA 94941	1	1
	Simmons, Steve	2499 5th Ave., Merced, CA 95340	11	168
	Sladen, W.	615 N. Wolfe St., Johns Hopkins Univ., Baltimore, MD 21205	4	204
	Snyder, Mildred O.	161 Del Mar Circle, Aurora, CO 80011	48	330
	South Dakota Coop W.R.U.	c/o R.L. Linder, S.D. State Univ., Brookings, SD 57006	2	9
	Speich, Steven M.	8300 Sage, Kenniwick, WA 99336	1	2
	Spofford, Dr. Sally	Aguila Rancho, Portal, AZ 85632	12	151
	Starr Ranch Audubon Sanc.	c/o David Bontrager, Dept. Biol., C.S.U., Long Beach, CA 90840	24	163
	Stout, Dr. Harold B.	Box 517, Brewster, WA 98812	3	5
	Strauch, Jr., Dr. Joseph	7892 Greenbriar Circle, Boulder, CO 80301	7	16
	Swenson, Jon E.	Dept. F&G, Box 36, Rosebud, MT 59437	8	30
	Swisher, Otis D.	1002 S. Oakdale, Medford, OR 97501	18	163
T	Tainter, Fern R.	355 Evans Road, San Luis Obispo, CA 93401	12	80
	Texas State Supervisor	Box 9037, Guilbeau Stn., San Antonio, TX 78204	1	1
	Thompson-Cowley, Lloyd A.	3321 SW Willamette Ave., Corvallis, OR 97330	30	102
	Troetschler, Ruth	184 Lockhart Lane, Los Altos, CA 94022	7	52
	Trost, Dr. Charles H.	Dept. Biol., Idaho State Univ., Pocatello, ID 83209	8	1234
	Truan, II, Jolan B.	3314 W. Glenn Dr., Phoenix, AZ 85021	37	599
	Truan, Van A.	833 Harmony Dr., Pueblo West, CO 81007	28	347
	Tweit, Dr. Robert C.	3810 N. Romero Rd., No. 23, Tucson, AZ 85705	22	165
	Tyler, William B.	No. 249 UCSC, Ctr. Coastal Marine Studies, Santa Cruz, CA 95064	7	20

	Bander	Address	Species	No.
U	Udvardy, Dr. Miklos D.	Biol., Science, Calif. State Univ. Sacramento, CA 95819	10	34
	UL Bend-Bowdoin N.W.R.	c/o G.A. Sipe, Box J, Malta, MT 59538	3	458
	Umatilla N.W.R.	c/o G. Constantino, Box 239, Umatilla, OR 97882	1	134
	U.S.F.W.S.—Alaska	c/o N.R. Peterson, 1011 E. Tudor Rd., Anchorage, AK 99503	19	1723
	U.S.F.W.S.—Yukon Delta	c/o Christian P. Dau, Box 346, Bethel, AK 99559	4	1441
	Univ. of Alaska Museum	c/o D.D. Gibson, University of Alaska, Fairbanks, AK 99701	6	23
	Univ. of Calif.—Santa Barbara	c/o Dr. Stephen I. Rothstein, Dept. Biol. Sci., Santa Barbara, CA 93106	13	752
	Ure, Stellanie S.	8251 Ashley Circle, Sandy, UT 84092	13	52
	Utah Div. Wildlife Res.	c/o Albert F. Regenthal, 1596 W. North Temple, Salt Lake City, UT 84116	9	1450
V	Valley Center for Ecology	c/o Dr. Oakleigh Thorne, S. Fork Star Rt., Cody, WY 82414	22	177
	Vander Wall, S.B.	Biol. Dept., Utah State Univ., Logan, UT 84322	1	9
	van Riper, Dr. Charles III	Coop. Natl. Park Res. Stud. Unit, Wickson Hall, U.C., Davis, CA 95616	20	714
	Verhencamp, Dr. Sandra L.	Dept. Biol., C-016, Univ. of Calif., La Jolla, CA 92093	1	8
	Verner, Dr. Jared	Forest Sci. Lab., 2081 E. Sierra Ave., Fresno, CA 93710	16	146
W	Wahl, Terence	3041 Eldridge, Bellingham, WA 98225	8	1451
	Walters, Philip M.	5111 Soledad Primera, Tucson, AZ 85718	78	2231
	Ward, Michael E.	410 Pecan St., Arroyo Grande, CA 93420	5	14
	Waser, Dr. Nicholas	Dept. Biol., Univ. of Calif., Riverside, CA 92521	5	74
	Washington Dept. Game	Ephrata, WA 98823	9	1218
	Werner, H.W.	Sequoia & Kings Canyon Pks, Three Rivers, CA 93271	5	17
	West, Dr. George C.	Inst. Arctic Biol., Univ. of Alaska, Fairbanks, AK 99701	3	23
	West, Steve	Box 104, Loving, NM 88256	50	393
	Wildlife Research Field Station	c/o Dr. Paul Springer, Humboldt State Univ., Arcata, CA 95521	2	249
	Wilkinson, Gerald S.	Dept. Biol., C-016, Univ. of Calif. San Diego, La Jolla, CA 92093	2	47
	Williams, Craig	1336 S. Francis St., Longmont, CO 80501	61	412
	Williams, Dr. Joseph B.	Dept. Nat. Sci., Pepperdine Univ., Malibu, CA 90265	1	19
	Williams, Dr. Ralph B.	Box 2354, Juneau, AK 99803	19	432
	Winkler, David	Mus. Vert. Zool., Univ. of Calif., Berkeley, CA 94720	1	1242
	Winternitz, Dr. Barbara L.	28 Garden Dr., Colorado Springs, CO 80904	14	19
	Wirtz II, Dr. William O.	Dept. Biol., Pomona College, Claremont, CA 91711	20	52
	Wisner, Herbert P.	Biol. Dept., Univ. of Oregon, Eugene, OR 97403	4	29
	Wright, Dr. Philip L.	Dept. Zool., Univ. of Montana, Missoula, MT 59801	12	44
Y	Yde, C.A.	BLM, Box 670, Rawlins, WY 82301	1	21
	Yensen, Dr. Eric	Dept. Biol., Boise State Univ., 1910 Univ. Dr., Boise, ID 83725	19	74
Z	Zakis, Aivars	Star Route, Box 652, Klamath, CA 95548	9	25

Commentary on the 1980 Annual Report

Daniel M. Taylor

The total number of birds banded in the WBBA area in 1980 was 157,787, representing 407 species on the continent and 6,033 individuals, representing 53 species in Hawaii. Compared with 1979, this is a decrease of 19% for the total number banded and an 11% decrease for the total number of species, but is almost exactly the 10-year average for these 2 categories. In addition there were 2 hybrids: Red-shafted X Yellow-shafted Flicker (3) and Audubon's X Myrtle Warbler (37). All but 1 of the hybrid warblers were banded by Idaho Coop. WRU. This might have been the result of the location of their banding operations, but probably indicates that a closer scrutiny of this super-species by all banders would yield a larger proportion of hybrids. New species banded for the first time in the WBBA area were Cave Swallow (21) and Louisiana Waterthrush (1) in western North America, while Hawaii added Bush Warbler (3) and Orange-cheeked Waxbill (2).

Most areas of the WBBA showed moderate declines in numbers of banded birds compared with 1979, with Alaska's 50% drop especially noteworthy. Exceptions to this were (1) Arizona-New Mexico, which had a 76% increase from the previous year and its highest total since 1965; and (2) Yukon, B.C., and Alberta, with a 1980 total 118% higher than the 10-year average.

There were 282 active banders in 1980, 22 of which were sub-permittees. There were also 76 inactive banders reporting, for a total of 356 permittees responding to forms. This was a drop of 22% from 1979's number of active banders but an 18% increase over the 10-year average. There were 119 banders who ringed less than 100 birds in 1980, 42% of all those active. At the other end of the spectrum, 17 individuals banded more than 1000 birds. The average number of species per bander was 11.7, which was the lowest since at least 1965. The