Appendix A
Summary of Species by Route
(1999)

Survey Route: TWIN BUTTES
Survey Date: 22 June 1999

Species	Abundance	Percentage
Mourning Dove	122	15.4
Horned Lark	117	14.7
Western Meadowlark	107	13.5
Brewer's Sparrow	84	10.6
Sage Sparrow	64	8.1
Mallard	54	6.8
Sage Thrasher	50	6.3
Northern Pintail	30	3.8
Northern Shoveler	21	2.6
Brown-headed Cowbird	18	2.3
Vesper Sparrow	16	2.0
Common Nighthawk	13	1.6
Black-billed Magpie	12	1.5
Brewer's Blackbird	12	1.5
Loggerhead Shrike	11	1.4
Gray Flycatcher	8	1.0
Wilson's Phalarope	8	1.0
American Avocet	6	0.8
European Starling	6	0.8
Red-tailed Hawk	4	0.5
Blue-gray Gnatcatcher	4	0.5
Cinnamon Teal	3	0.4
Common Flicker	3	0.4
Rock Wren	2	0.3
Common Raven	2	0.3
Green-winged Teal	2	0.3
Northern Harrier	2	0.3
Redhead	2	0.3
Swainson's Hawk	2	0.3
Willet	2	0.3
American Kestrel	1	0.1
Ferruginous Hawk	1	0.1
Golden Eagle	1	0.1
Short-eared Owl	1	0.1
Townsend's Solitaire	1	0.1
Say's Phoebe	1	0.1
Lark Sparrow	1	0.1
Total Individuals = 794		
Total Species = 37		

Survey Route: BIG LOST RIVER
Survey Date: 11 June 1999

Species	Abundance	Percentage
Brewer's Sparrow	141	25.3
Western Meadowlark	105	18.8
Sage Sparrow	79	14.3
Horned Lark	66	11.8
Sage Thrasher	63	11.3
Mourning Dove	29	5.2
Brown-headed Cowbird	23	4.1
Brewer's Blackbird	12	2.2
Common Nighthawk	7	1.3
American Kestrel	5	0.9
Short-eared Owl	5	0.9
Common Raven	5	0.9
Vesper Sparrow	4	0.7
Ferruginous Hawk	2	0.4
Gray Partridge	1	0.2
Mallard	1	0.2
Great-horned Owl	1	0.2
Red-shafted Flicker	1	0.2
Loggerhead Shrike	1	0.2
Black-billed Magpie	1	0.2
American Robin	1	0.2
Gray Flycatcher	1	0.2
Western Tanager	1	0.2
Red-winged Blackbird	1	0.2
Rock Wren	1	0.2

Total Individuals = 558
Total Species = 25

Survey Route: KYLE CANYON
Survey Date: 15 June 1999

Species	Abundance	Percentage
Horned Lark	139	19.5
Brewer's Sparrow	117	16.4
Western Meadowlark	100	14.0
Sage Thrasher	68	9.6
Sage Sparrow	68	9.6
Vesper Sparrow	55	7.7
Mourning Dove	43	6.0
Gray Flycatcher	15	2.1
Chipping Sparrow	13	1.8
Loggerhead Shrike	8	1.1
Ferruginous Hawk	8	1.1
Brewer's Blackbird	8	1.1
Red-winged Blackbird	7	1.0
Brown-headed Cowbird	6	0.8
Rock Wren	5	0.7
Northern Harrier	5	0.7
Lark Sparrow	4	0.6
Lazuli Bunting	4	0.6
Swainson's Hawk	4	0.6
Northern Pintail	3	0.4
Black-billed Magpie	3	0.4
American Kestrel	3	0.4
Western Kingbird	3	0.4
Willet	2	0.3
Chukar	2	0.3
Common Flicker	2	0.3
Bullock's Oriole	2	0.3
Blue-gray Gnatcatcher	2	0.3
Mountain Bluebird	2	0.3
American Robin	2	0.3
Cinnamon Teal	1	0.1
Rock Dove	1	0.1
Common Raven	1	0.1
Killdeer	1	0.1
Common Nighthawk	1	0.1

Survey Route: KYLE CANYON – *Continued From Previous Page*
Survey Date: 15 June 1999

Species	Abundance	Percentage
Yellow-headed Blackbird	1	0.1
Grasshopper Sparrow	1	0.1
Black-throated Sparrow	1	0.1
House Finch	1	0.1

Total Individuals = 712
Total Species = 39

Survey Route: CIRCULAR BUTTE (Monument)
Survey Date: 16 June 1999

Species	Abundance	Percentage
Horned Lark	155	26.5
Western Meadowlark	113	19.3
Brewer's Sparrow	113	19.3
Sage Sparrow	59	10.1
Sage Thrasher	55	9.4
Brown-headed Cowbird	36	6.2
Mourning Dove	24	4.1
Common Nighthawk	14	2.4
Rock Wren	4	0.7
Lark Bunting	3	0.5
Grasshopper Sparrow	2	0.3
Vesper Sparrow	2	0.3
Loggerhead Shrike	2	0.3
Northern Harrier	1	0.2
Ferruginous Hawk	1	0.2
Common Raven	1	0.2

Total Individuals =585
Total Species = 16

Survey Route: TRACTOR FLATS
Survey Date: 12 June 1999

Species	Abundance	Percentage
Horned Lark	189	24.4
Brewer's Sparrow	130	16.8
Western Meadowlark	127	16.4
Mourning Dove	75	9.7
Sage Thrasher	68	8.8
Sage Sparrow	50	6.5
Brown-headed Cowbird	37	4.8
Vesper Sparrow	23	3.0
Common Raven	13	1.7
Common Nighthawk	10	1.3
Black-billed Magpie	9	1.2
Long-billed Curlew	7	0.9
Lark Bunting	6	0.8
Northern Harrier	6	0.8
Short-eared Owl	5	0.6
Brewer's Blackbird	3	0.4
House Sparrow	3	0.4
Loggerhead Shrike	2	0.3
House Finch	2	0.3
Willet	2	0.3
Gray Partridge	1	0.1
Swainson's hawk	1	0.1
Golden Eagle	1	0.1
American Crow	1	0.1
Rock Wren	1	0.1
Western Tanager	1	0.1
Grasshopper Sparrow	1	0.1

Total Individuals = 774
Total Species = 27

Survey Route: ICPP
Survey Date: 13 June 1999

Species	Abundance	Percentage
Brewer's Sparrow	78	26.2
Western Meadowlark	63	21.1
Horned Lark	49	16.4
Sage Thrasher	34	11.4
Brown-headed Cowbird	20	6.7
Sage Sparrow	13	4.4
House Finch	7	2.3
Mourning Dove	5	1.7
Killdeer	5	1.7
European Starling	4	1.3
Brewer's Blackbird	4	1.3
Spotted Sandpiper	3	1.0
Barn Swallow	3	1.0
American Kestrel	2	0.7
Loggerhead Shrike	2	0.7
Bank Swallow	2	0.7
Northern Harrier	1	0.3
Short-eared Owl	1	0.3
Common Raven	1	0.3
Black-billed Magpie	1	0.3

Total Individuals = 298
Total Species = 20

Survey Route: CFA
Survey Date: 27 June 1999

Species	Abundance	Percentage
Western Meadowlark	62	13.8
Brewer's Sparrow	62	13.8
Brewer's Blackbird	53	11.8
Sage Thrasher	41	9.1
Horned Lark	38	8.4
European Starling	36	8.0
Sage Sparrow	32	7.1
Brown-headed Cowbird	29	6.4
Mourning Dove	24	5.3
Barn Swallow	18	4.0
House Finch	16	3.6
Killdeer	11	2.4
American Robin	9	2.0
American Kestrel	8	1.8
Common Raven	4	0.9
Bank Swallow	3	0.7
Say's Phoebe	1	0.2
Loggerhead Shrike	1	0.2
Rock Wren	1	0.2
Grasshopper Sparrow	1	0.2

Total Individuals = 450
Total Species = 20

Survey Route: TRA
Survey Date: 21 June 1999

Species	Abundance	Percentage
Brewer's Sparrow	80	24.2
Western Meadowlark	78	23.6
Sage Sparrow	40	12.1
Horned Lark	35	10.6
Sage Thrasher	35	10.6
Mourning Dove	17	5.1
Brown-headed Cowbird	11	3.3
European Starling	10	3.0
House Finch	8	2.4
Rock Wren	4	1.2
Killdeer	3	0.9
American Kestrel	3	0.9
Common Nighthawk	2	0.6
Barn Swallow	2	0.6
Short-eared Owl	1	0.3
American Robin	1	0.3
Loggerhead Shrike	1	0.3

Total Individuals = 331
Total Species = 17

Survey Route: EBRII
Survey Date: 18 June 1999

Species	Abundance	Percentage
Western Meadowlark	63	20.1
Horned Lark	56	17.8
Brewer's Sparrow	44	14.0
Sage Thrasher	26	8.3
Brown-headed Cowbird	23	7.7
Sage Sparrow	19	6.1
European Starling	17	5.4
Brewer's Blackbird	16	5.1
Killdeer	8	2.5
Mallard	7	2.2
Rock Wren	6	1.9
Barn Swallow	4	1.3
Common Nighthawk	4	1.3
Wilson's Phalarope	3	1.0
House Finch	3	1.0
Northern Shoveler	2	0.6
Northern Harrier	2	0.6
Mourning Dove	2	0.6
Common Raven	2	0.6
Say's Phoebe	2	0.6
Eared Grebe	1	0.3
Northern Pintail	1	0.3
Ferruginous Hawk	1	0.3
American Kestrel	1	0.3
Black-billed Magpie	1	0.3

Total Individuals = 314
Total Species = 25

Survey Route: NRF
Survey Date: 14 June 1999

Species	Abundance	Percentage
Western Meadowlark	55	19.1
Horned Lark	47	16.3
Brewer's Sparrow	43	14.9
Sage Sparrow	30	10.4
Mallard	26	9.0
Sage Thrasher	16	5.6
Brown-headed Cowbird	14	4.9
Mourning Dove	10	3.5
European Starling	9	3.1
Vesper Sparrow	5	1.7
Brewer's Blackbird	5	1.7
Common Nighthawk	4	1.4
American Avocet	4	1.4
Killdeer	4	1.4
Northern Shoveler	2	0.7
Blue-winged Teal	2	0.7
American Widgeon	2	0.7
Barn Swallow	2	0.7
Spotted Sandpiper	1	0.3
Long-billed Curlew	1	0.3
Bank Swallow	1	0.3
Grasshopper Sparrow	1	0.3
House Sparrow	1	0.3
Yellow-headed Blackbird	1	0.3
Common Raven	1	0.3
Black-billed Magpie	1	0.3

Total Individuals = 288
Total Species = 26

Survey Route: PBF-SPERT
Survey Date: 23 June 1999

Species	Abundance	Percentage
Brewer's Sparrow	76	23.5
Western Meadowlark	57	17.6
Sage Thrasher	40	12.3
Sage Sparrow	34	10.5
Horned Lark	25	7.7
Mourning Dove	24	7.1
Brown-headed Cowbird	16	4.9
Brewer's Blackbird	14	4.3
Common Nighthawk	11	3.4
House Finch	7	2.2
Barn Swallow	5	1.5
Vesper Sparrow	5	1.5
American Robin	3	0.9
European Starling	2	0.6
Black-billed Magpie	2	0.6
Loggerhead Shrike	1	0.3
American Goldfinch	1	0.3
Rock Wren	1	0.3

Total Individuals = 324
Total Species = 18

Table 1. Birds observed along 13 Breeding Bird Survey routes at the Idaho National Engineering and Environmental Laboratory during the 1999 census. Number (and percentage of total) of each species, type of route along which birds were encountered, and number of stops (and percentage of total) at which each species occurred are indicated.

Common Name	Scientific Name	N	%	Routes[a]	Stops[b]	%
Horned Lark	*Eremophila alpestris*	1094	18.1	5,8	335	67.7
Brewer's Sparrow	*Spizella breweri*	1065	17.6	5,8	406	82.0
Western Meadowlark	*Sturnella neglecta*	1004	16.6	5,8	408	82.4
Sage Thrasher	*Oreoscoptes montanus*	535	8.8	5,8	320	64.6
Sage Sparrow	*Amphispiza belli*	526	8.7	5,8	294	59.4
Mourning Dove	*Zenaida macroura*	416	6.9	5,8	194	39.2
Brown-headed Cowbird	*Molothrus ater*	260	4.3	5,8	166	33.5
Vesper Sparrow	*Pooecetes gramineus*	150	2.5	5,3	93	18.8
Brewer's Blackbird	*Euphagus cyanocephalus*	137	2.3	4,7	42	8.5
European Starling	*Sturnus vulgaris*	95	1.6	1,8	35	7.1
Mallard	*Anas platyrhynchos*	89	1.5	2,3	11	2.2
Common Nighthawk	*Chordeiles minor*	66	1.1	5,4	52	10.5
Barn Swallow	*Hirundo rustica*	47	0.8	0,7	21	4.2
House Finch	*Carpodacus mexicanus*	47	0.8	2,6	22	4.4
Killdeer	*Charadrius vociferus*	40	0.7	1,7	27	5.5
Northern Pintail	*Anas acuta*	34	0.6	2,1	3	0.6
Rock Wren	*Salpinctes obsoletus*	33	0.5	5,6	27	5.4
Loggerhead Shrike	*Lanius ludovicianus*	32	0.5	5,5	25	5.0
Common Raven	*Corvus corax*	30	0.5	5,4	22	4.4

Survey Route: TAN
Survey Date: 25 June 1999

Species	Abundance	Percentage
Horned Lark	134	37.5
Brewer's Sparrow	49	13.7
Vesper Sparrow	40	11.2
Western Meadowlark	22	6.2
Mourning Dove	21	5.9
Sage Sparrow	19	5.3
Sage Thrasher	19	5.3
Brown-headed Cowbird	17	4.8
Bank Swallow	10	2.8
Rock Dove	6	1.7
European Starling	6	1.7
Brewer's Blackbird	5	1.4
Mallard	1	0.3
Northern Harrier	1	0.3
American Kestrel	1	0.3
Burrowing Owl	1	0.3
Killdeer	1	0.3
Barn Swallow	1	0.3
Rock Wren	1	0.3
Red-winged Blackbird	1	0.3
Grasshopper Sparrow	1	0.3

Total Individuals = 357
Total Species = 21

Survey Route: IRR CIRCLE**
Survey Date: 27 June 1999

Species	Abundance	Percentage
Western Meadowlark	13	34.2
Brewer's Sparrow	9	23.6
Brewer's Blackbird	6	15.7
Sage Sparrow	2	5.2
Brown-headed Cowbird	3	7.8
Horned Lark	3	7.8
Sage Thrasher	2	5.2

Total Individuals = 38
Total Species = 7

**Newly established route in 1997.

Appendix B
Summary of Species by Year
(1985 – 1999)

Eared Grebe

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	1	11.1	1	11.1
96	6	66.7	7	77.8
97	1	11.1	8	88.9
99	1	11.1	9	100.0

Western Grebe

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
96	1	100.0	1	100.0

Mallard

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
87	8	3.9	8	3.9
88	3	1.5	11	5.3
90	2	1.0	13	6.3
91	23	11.2	36	17.5
94	11	5.3	47	22.8
95	27	13.1	74	35.9
96	16	7.8	90	43.7
97	17	8.3	107	51.9
98	10	4.9	117	56.8
99	89	43.2	206	100.0

Gadwall

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	16	40.0	16	40.0
86	9	22.5	25	62.5

91	3	7.5	28	70.0
94	1	2.5	29	72.5
95	4	10.0	33	82.5
97	3	7.5	36	90.0
98	4	10.0	40	100.0

American Wigeon

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
97	2	50.0	2	50.0
99	2	50.0	4	100.0

Green-winged Teal

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
91	2	25.0	2	25.0
95	1	12.5	3	37.5
98	3	37.5	6	75.0
99	2	25.0	8	100.0

Blue-winged Teal

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	3	9.1	3	9.1
89	12	36.4	15	45.5
91	11	33.3	26	78.8
94	1	3.0	27	81.8
95	2	6.1	29	87.9
98	2	6.1	31	93.9
99	2	6.1	33	100.0

Cinnamon Teal

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	2.1	1	2.1
86	19	40.4	20	42.6
88	7	14.9	27	57.4
90	2	4.3	29	61.7
91	4	8.5	33	70.2
94	5	10.6	38	80.9
97	1	2.1	39	83.0
98	4	8.5	43	91.5
99	4	8.5	47	100.0

Northern Shoveler

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	3	2.9	3	2.9
86	10	9.8	13	12.7
87	21	20.6	34	33.3
88	2	2.0	36	35.3
89	1	1.0	37	36.3
90	4	3.9	41	40.2
91	7	6.9	48	47.1
94	2	2.0	50	49.0
95	10	9.8	60	58.8
96	4	3.9	64	62.7
97	2	2.0	66	64.7
98	10	9.8	76	74.5
99	26	25.5	102	100.0

Northern Pintail

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	8	16.3	8	16.3
90	1	2.0	9	18.4

95	1	2.0	10	20.4
97	5	10.2	15	30.6
99	34	69.4	49	100.0

Wood Duck

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	2	100.0	2	100.0

Redhead

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	3	6.1	3	6.1
89	4	8.2	7	14.3
90	7	14.3	14	28.6
91	7	14.3	21	42.9
94	5	10.2	26	53.1
95	17	34.7	43	87.8
97	4	8.2	47	95.9
99	2	4.1	49	100.0

Lesser Scaup

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	3	17.6	3	17.6
90	1	5.9	4	23.5
91	4	23.5	8	47.1
96	7	41.2	15	88.2
98	2	11.8	17	100.0

Common Goldeneye

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	1	16.7	1	16.7
88	5	83.3	6	100.0

Ruddy Duck

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	5	11.1	5	11.1
86	7	15.6	12	26.7
87	5	11.1	17	37.8
88	7	15.6	24	53.3
89	2	4.4	26	57.8
90	4	8.9	30	66.7
91	6	13.3	36	80.0
94	2	4.4	38	84.4
95	5	11.1	43	95.6
98	2	4.4	45	100.0

Canada Goose

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	72	87.8	72	87.8
88	10	12.2	82	100.0

California Gull

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	2	25.0	2	25.0
91	1	12.5	3	37.5
95	1	12.5	4	50.0

96	2	25.0	6	75.0
97	1	12.5	7	87.5
98	1	12.5	8	100.0

Ring-billed Gull

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	2	33.3	2	33.3
87	2	33.3	4	66.7
88	1	16.7	5	83.3
89	1	16.7	6	100.0

Franklin's Gull

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	19	3.8	19	3.8
89	475	94.6	494	98.4
91	1	0.2	495	98.6
94	7	1.4	502	100.0

Caspian Tern

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	3	100.0	3	100.0

Forster's Tern

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
90	3	100.0	3	100.0

White-faced Ibis

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
91	2	100.0	2	100.0

Great Blue Heron

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
94	2	100.0	2	100.0

Snowy Egret

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
94	1	100.0	1	100.0

Sora

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	100.0	1	100.0

American Coot

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	2	5.9	2	5.9
88	5	14.7	7	20.6
89	2	5.9	9	26.5
90	2	5.9	11	32.4

91	5	14.7	16	47.1
94	1	2.9	17	50.0
95	3	8.8	20	58.8
96	14	41.2	34	100.0

Wilson's Phalarope

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	100	46.5	100	46.5
86	3	1.4	103	47.9
87	35	16.3	138	64.2
88	8	3.7	146	67.9
89	6	2.8	152	70.7
90	5	2.3	157	73.0
91	9	4.2	166	77.2
94	14	6.5	180	83.7
96	12	5.6	192	89.3
97	1	0.5	193	89.8
98	6	2.8	199	92.6
99	16	7.4	215	100.0

American Avocet

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	2	1.4	2	1.4
86	2	1.4	4	2.8
87	9	6.3	13	9.1
89	17	11.9	30	21.0
94	50	35.0	80	55.9
95	53	37.1	133	93.0
99	10	7.0	143	100.0

Greater Yellowlegs

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	100.0	1	100.0

Willet

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	6.3	1	6.3
88	1	6.3	2	12.5
89	2	12.5	4	25.0
90	1	6.3	5	31.3
95	2	12.5	7	43.8
96	3	18.8	10	62.5
99	6	37.5	16	100.0

Spotted Sandpiper

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
87	1	6.3	1	6.3
89	2	12.5	3	18.8
90	1	6.3	4	25.0
95	1	6.3	5	31.3
97	2	12.5	7	43.8
98	3	18.8	10	62.5
99	6	37.5	16	100.0

Long-billed Curlew

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
89	3	20.0	3	20.0
95	3	20.0	6	40.0

96	1	6.7	7	46.7
99	8	53.3	15	100.0

Killdeer

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	48	8.9	48	8.9
86	68	12.6	116	21.5
87	37	6.9	153	28.4
88	38	7.1	191	35.4
89	51	9.5	242	44.9
90	77	14.3	319	59.2
91	34	6.3	353	65.5
94	28	5.2	381	70.7
95	27	5.0	408	75.7
96	31	5.8	439	81.4
97	32	5.9	471	87.4
98	28	5.2	499	92.6
99	40	7.4	539	100.0

Sage Grouse

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	5	2.8	5	2.8
86	10	5.6	15	8.3
87	32	17.8	47	26.1
88	90	50.0	137	76.1
90	26	14.4	163	90.6
94	3	1.7	166	92.2
95	1	0.6	167	92.8
98	13	7.2	180	100.0

Gray Partridge

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	1	14.3	1	14.3
87	3	42.9	4	57.1
97	1	14.3	5	71.4
99	2	28.6	7	100.0

Chukar

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
94	1	25.0	1	25.0
95	1	25.0	2	50.0
99	2	50.0	4	100.0

Ring-necked Pheasant

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	1	16.7	1	16.7
88	4	66.7	5	83.3
89	1	16.7	6	100.0

Rock Dove

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	7	9.6	7	9.6
89	7	9.6	14	19.2
90	3	4.1	17	23.3
94	8	11.0	25	34.2
96	12	16.4	37	50.7
97	15	20.5	52	71.2
98	14	19.2	66	90.4

99	7	9.6	73	100.0

Mourning Dove

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	97	3.1	97	3.1
86	103	3.3	200	6.3
87	160	5.1	360	11.4
88	75	2.4	435	13.8
89	214	6.8	649	20.5
90	242	7.7	891	28.2
91	105	3.3	996	31.5
94	488	15.4	1484	46.9
95	344	10.9	1828	57.8
96	383	12.1	2211	69.9
97	339	10.7	2550	80.7
98	195	6.2	2745	86.8
99	416	13.2	3161	100.0

Northern Harrier

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	10	8.3	10	8.3
86	16	13.2	26	21.5
87	5	4.1	31	25.6
88	7	5.8	38	31.4
89	10	8.3	48	39.7
90	4	3.3	52	43.0
91	8	6.6	60	49.6
94	6	5.0	66	54.5
95	5	4.1	71	58.7
96	8	6.6	79	65.3
97	9	7.4	88	72.7
98	15	12.4	103	85.1
99	18	14.9	121	100.0

Cooper's Hawk

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	1	50.0	1	50.0
91	1	50.0	2	100.0

Red-tailed Hawk

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	5	3.7	5	3.7
86	35	25.7	40	29.4
87	6	4.4	46	33.8
88	4	2.9	50	36.8
89	4	2.9	54	39.7
90	7	5.1	61	44.9
91	6	4.4	67	49.3
94	10	7.4	77	56.6
95	18	13.2	95	69.9
96	8	5.9	103	75.7
97	14	10.3	117	86.0
98	15	11.0	132	97.1
99	4	2.9	136	100.0

Swainson's Hawk

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	6	13.3	6	13.3
86	4	8.9	10	22.2
87	3	6.7	13	28.9
88	3	6.7	16	35.6
89	2	4.4	18	40.0
90	3	6.7	21	46.7
91	2	4.4	23	51.1
95	3	6.7	26	57.8
96	5	11.1	31	68.9

97	3	6.7	34	75.6
98	4	8.9	38	84.4
99	7	15.6	45	100.0

Ferruginous Hawk

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	14	8.5	14	8.5
86	16	9.7	30	18.2
87	18	10.9	48	29.1
88	14	8.5	62	37.6
89	14	8.5	76	46.1
90	11	6.7	87	52.7
91	8	4.8	95	57.6
94	6	3.6	101	61.2
95	12	7.3	113	68.5
96	9	5.5	122	73.9
97	16	9.7	138	83.6
98	14	8.5	152	92.1
99	13	7.9	165	100.0

Golden Eagle

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	3	33.3	3	33.3
95	1	11.1	4	44.4
97	1	11.1	5	55.6
98	2	22.2	7	77.8
99	2	22.2	9	100.0

Prairie Falcon

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	1	5.0	1	5.0

88	4	20.0	5	25.0
89	1	5.0	6	30.0
90	1	5.0	7	35.0
91	2	10.0	9	45.0
95	3	15.0	12	60.0
96	3	15.0	15	75.0
97	2	10.0	17	85.0
98	3	15.0	20	100.0

Merlin

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
89	1	100.0	1	100.0

American Kestrel

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	13	7.6	13	7.6
86	12	7.1	25	14.7
87	20	11.8	45	26.5
88	5	2.9	50	29.4
89	5	2.9	55	32.4
90	6	3.5	61	35.9
91	11	6.5	72	42.4
94	5	2.9	77	45.3
95	6	3.5	83	48.8
96	12	7.1	95	55.9
97	27	15.9	122	71.8
98	23	13.5	145	85.3
99	25	14.7	170	100.0

Short-eared Owl

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	13	7.4	13	7.4
86	102	58.0	115	65.3
90	29	16.5	144	81.8
94	8	4.5	152	86.4
95	2	1.1	154	87.5
96	6	3.4	160	90.9
97	1	0.6	161	91.5
98	2	1.1	163	92.6
99	13	7.4	176	100.0

Great Horned Owl

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	14.3	1	14.3
87	1	14.3	2	28.6
91	4	57.1	6	85.7
99	1	14.3	7	100.0

Burrowing Owl

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	8	28.6	8	28.6
86	4	14.3	12	42.9
89	1	3.6	13	46.4
94	5	17.9	18	64.3
97	3	10.7	21	75.0
98	6	21.4	27	96.4
99	1	3.6	28	100.0

Red-shafted Flicker

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	4	5.4	4	5.4
86	3	4.1	7	9.5
87	14	18.9	21	28.4
88	3	4.1	24	32.4
89	5	6.8	29	39.2
90	5	6.8	34	45.9
91	6	8.1	40	54.1
94	9	12.2	49	66.2
95	3	4.1	52	70.3
96	6	8.1	58	78.4
97	2	2.7	60	81.1
98	8	10.8	68	91.9
99	6	8.1	74	100.0

Common Poorwill

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	5	35.7	5	35.7
95	6	42.9	11	78.6
96	2	14.3	13	92.9
98	1	7.1	14	100.0

Common Nighthawk

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	83	9.1	83	9.1
86	66	7.3	149	16.4
87	51	5.6	200	22.0
88	130	14.3	330	36.3
89	43	4.7	373	41.0
90	78	8.6	451	49.6
91	44	4.8	495	54.4

94	79	8.7	574	63.1
95	61	6.7	635	69.8
96	60	6.6	695	76.4
97	91	10.0	786	86.4
98	58	6.4	844	92.7
99	66	7.3	910	100.0

Eastern Kingbird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	1	8.3	1	8.3
89	5	41.7	6	50.0
90	2	16.7	8	66.7
95	1	8.3	9	75.0
97	2	16.7	11	91.7
98	1	8.3	12	100.0

Western Kingbird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	2.9	1	2.9
86	1	2.9	2	5.9
88	2	5.9	4	11.8
89	2	5.9	6	17.6
95	2	5.9	8	23.5
96	1	2.9	9	26.5
97	16	47.1	25	73.5
98	6	17.6	31	91.2
99	3	8.8	34	100.0

Say's Phoebe

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	8	9.3	8	9.3

86	3	3.5	11	12.8
89	1	1.2	12	14.0
90	4	4.7	16	18.6
94	18	20.9	34	39.5
95	9	10.5	43	50.0
96	5	5.8	48	55.8
97	11	12.8	59	68.6
98	20	23.3	79	91.9
99	7	8.1	86	100.0

Western Wood-Pewee

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
98	1	100.0	1	100.0

Willow Flycatcher

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
90	1	100.0	1	100.0

Dusky Flycatcher

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
95	9	100.0	9	100.0

Gray Flycatcher

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	1	1.1	1	1.1
88	3	3.3	4	4.4
90	2	2.2	6	6.6

91	8	8.8	14	15.4
95	1	1.1	15	16.5
96	5	5.5	20	22.0
97	25	27.5	45	49.5
98	22	24.2	67	73.6
99	24	26.4	91	100.0

Horned Lark

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	391	4.3	391	4.3
86	389	4.3	780	8.7
87	590	6.6	1370	15.2
88	325	3.6	1695	18.8
89	502	5.6	2197	24.4
90	474	5.3	2671	29.7
91	677	7.5	3348	37.2
94	865	9.6	4213	46.8
95	642	7.1	4855	53.9
96	888	9.9	5743	63.8
97	1023	11.4	6766	75.1
98	1145	12.7	7911	87.9
99	1094	12.1	9005	100.0

Black-billed Magpie

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	28	9.7	28	9.7
86	46	15.9	74	25.6
87	31	10.7	105	36.3
88	21	7.3	126	43.6
89	12	4.2	138	47.8
90	10	3.5	148	51.2
91	16	5.5	164	56.7
94	38	13.1	202	69.9
95	8	2.8	210	72.7
96	13	4.5	223	77.2
97	15	5.2	238	82.4

98	21	7.3	259	89.6
99	30	10.4	289	100.0

Common Raven

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	6	2.5	6	2.5
86	2	0.8	8	3.3
87	15	6.1	23	9.4
88	11	4.5	34	13.9
89	3	1.2	37	15.2
90	15	6.1	52	21.3
91	5	2.0	57	23.4
94	23	9.4	80	32.8
95	30	12.3	110	45.1
96	41	16.8	151	61.9
97	30	12.3	181	74.2
98	33	13.5	214	87.7
99	30	12.3	244	100.0

American Crow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
89	1	5.6	1	5.6
95	9	50.0	10	55.6
96	3	16.7	13	72.2
97	2	11.1	15	83.3
98	2	11.1	17	94.4
99	1	5.6	18	100.0

Clark's Nutcracker

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
87	8	100.0	8	100.0

European Starling

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	31	5.0	31	5.0
86	53	8.5	84	13.4
87	1	0.2	85	13.6
89	40	6.4	125	20.0
90	38	6.1	163	26.1
91	23	3.7	186	29.8
94	55	8.8	241	38.6
95	22	3.5	263	42.1
96	63	10.1	326	52.2
97	140	22.4	466	74.6
98	64	10.2	530	84.8
99	95	15.2	625	100.0

Brown-headed Cowbird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	218	10.0	218	10.0
86	138	6.3	356	16.3
87	181	8.3	537	24.7
88	70	3.2	607	27.9
89	126	5.8	733	33.7
90	84	3.9	817	37.5
91	58	2.7	875	40.2
94	201	9.2	1076	49.4
95	13	0.6	1089	50.0
96	129	5.9	1218	55.9
97	419	19.2	1637	75.2
98	281	12.9	1918	88.1
99	260	11.9	2178	100.0

Yellow-headed Blackbird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	68	9.0	68	9.0
86	73	9.7	141	18.7
87	18	2.4	159	21.1
88	23	3.1	182	24.2
89	213	28.3	395	52.5
90	132	17.5	527	70.0
91	83	11.0	610	81.0
94	57	7.6	667	88.6
95	69	9.2	736	97.7
96	7	0.9	743	98.7
97	2	0.3	745	98.9
98	6	0.8	751	99.7
99	2	0.3	753	100.0

Red-winged Blackbird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	4	9.8	4	9.8
89	1	2.4	5	12.2
90	2	4.9	7	17.1
95	9	22.0	16	39.0
96	3	7.3	19	46.3
97	4	9.8	23	56.1
98	5	12.2	28	68.3
99	13	31.7	41	100.0

Western Meadowlark

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	535	5.5	535	5.5
86	682	7.0	1217	12.5
87	400	4.1	1617	16.5

88	279	2.9	1896	19.4
89	1113	11.4	3009	30.8
90	814	8.3	3823	39.1
91	674	6.9	4497	46.0
94	475	4.9	4972	50.9
95	967	9.9	5939	60.8
96	769	7.9	6708	68.6
97	907	9.3	7615	77.9
98	1155	11.8	8770	89.7
99	1004	10.3	9774	100.0

Orchard Oriole

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	100.0	1	100.0

Bullock's Oriole

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
95	1	25.0	1	25.0
98	1	25.0	2	50.0
99	2	50.0	4	100.0

Brewer's Blackbird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	38	3.1	38	3.1
86	38	3.1	76	6.2
87	52	4.3	128	10.5
88	81	6.7	209	17.2
89	90	7.4	299	24.5
90	45	3.7	344	28.2
91	31	2.5	375	30.8
94	57	4.7	432	35.5

95	254	20.9	686	56.3
96	141	11.6	827	67.9
97	165	13.5	992	81.4
98	89	7.3	1081	88.8
99	137	11.2	1218	100.0

Evening Grosbeak

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
94	3	100.0	3	100.0

House Finch

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	28	11.4	28	11.4
86	10	4.1	38	15.4
87	4	1.6	42	17.1
88	1	0.4	43	17.5
89	14	5.7	57	23.2
91	10	4.1	67	27.2
95	8	3.3	75	30.5
96	36	14.6	111	45.1
97	50	20.3	161	65.4
98	38	15.4	199	80.9
99	47	19.1	246	100.0

American Goldfinch

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
94	1	12.5	1	12.5
98	6	75.0	7	87.5
99	1	12.5	8	100.0

Pine Siskin

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
97	2	25.0	2	25.0
98	6	75.0	8	100.0

Vesper Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	9	0.8	9	0.8
86	6	0.5	15	1.3
87	9	0.8	24	2.0
88	14	1.2	38	3.2
89	91	7.7	129	11.0
90	8	0.7	137	11.6
91	171	14.5	308	26.2
94	132	11.2	440	37.4
95	98	8.3	538	45.7
96	131	11.1	669	56.9
97	164	13.9	833	70.8
98	193	16.4	1026	87.2
99	150	12.8	1176	100.0

Savannah Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	7.1	1	7.1
86	1	7.1	2	14.3
95	11	78.6	13	92.9
98	1	7.1	14	100.0

Grasshopper Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
97	13	29.5	13	29.5
98	24	54.5	37	84.1
99	7	15.9	44	100.0

Lark Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	3	2.8	3	2.8
86	1	0.9	4	3.7
87	7	6.5	11	10.3
88	5	4.7	16	15.0
89	18	16.8	34	31.8
90	8	7.5	42	39.3
95	3	2.8	45	42.1
96	3	2.8	48	44.9
97	29	27.1	77	72.0
98	25	23.4	102	95.3
99	5	4.7	107	100.0

Chipping Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	4	3.6	4	3.6
87	1	0.9	5	4.5
88	10	9.0	15	13.5
89	8	7.2	23	20.7
91	10	9.0	33	29.7
94	16	14.4	49	44.1
95	17	15.3	66	59.5
96	9	8.1	75	67.6
97	3	2.7	78	70.3
98	20	18.0	98	88.3

99	13	11.7	111	100.0

Brewer's Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	125	1.4	125	1.4
86	585	6.5	710	7.9
87	353	3.9	1063	11.9
88	185	2.1	1248	13.9
89	971	10.8	2219	24.8
90	1294	14.5	3513	39.2
91	784	8.8	4297	48.0
94	240	2.7	4537	50.7
95	692	7.7	5229	58.4
96	660	7.4	5889	65.8
97	889	9.9	6778	75.7
98	1111	12.4	7889	88.1
99	1065	11.9	8954	100.0

Black-throated Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
99	1	100.0	1	100.0

Sage Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	580	6.7	580	6.7
86	254	2.9	834	9.7
87	240	2.8	1074	12.4
88	461	5.3	1535	17.8
89	332	3.8	1867	21.6
90	938	10.9	2805	32.5
91	926	10.7	3731	43.2

94	779	9.0	4510	52.2
95	702	8.1	5212	60.4
96	764	8.8	5976	69.2
97	1043	12.1	7019	81.3
98	1090	12.6	8109	93.9
99	526	6.1	8635	100.0

Song Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	100.0	1	100.0

Green-tailed Towhee

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
89	1	9.1	1	9.1
91	1	9.1	2	18.2
94	2	18.2	4	36.4
95	5	45.5	9	81.8
98	2	18.2	11	100.0

Lazuli Bunting

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	6	17.6	6	17.6
89	14	41.2	20	58.8
91	3	8.8	23	67.6
95	2	5.9	25	73.5
96	1	2.9	26	76.5
98	4	11.8	30	88.2
99	4	11.8	34	100.0

Lark Bunting

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
89	4	3.4	4	3.4
90	45	37.8	49	41.2
95	2	1.7	51	42.9
96	39	32.8	90	75.6
97	6	5.0	96	80.7
98	14	11.8	110	92.4
99	9	7.6	119	100.0

Western Tanager

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
95	2	50.0	2	50.0
99	2	50.0	4	100.0

Cliff Swallow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	7	33.3	7	33.3
91	2	9.5	9	42.9
94	1	4.8	10	47.6
96	8	38.1	18	85.7
97	3	14.3	21	100.0

Barn Swallow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	22	5.9	22	5.9
86	11	3.0	33	8.9
87	20	5.4	53	14.3

88	24	6.5	77	20.8
89	16	4.3	93	25.1
90	20	5.4	113	30.5
91	39	10.5	152	41.1
94	31	8.4	183	49.5
95	20	5.4	203	54.9
96	40	10.8	243	65.7
97	56	15.1	299	80.8
98	24	6.5	323	87.3
99	47	12.7	370	100.0

Violet-green Swallow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	1	12.5	1	12.5
89	5	62.5	6	75.0
90	1	12.5	7	87.5
95	1	12.5	8	100.0

Bank Swallow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	3	1.7	3	1.7
86	8	4.5	11	6.2
87	17	9.6	28	15.8
88	35	19.8	63	35.6
89	17	9.6	80	45.2
90	7	4.0	87	49.2
91	8	4.5	95	53.7
94	14	7.9	109	61.6
95	15	8.5	124	70.1
96	7	4.0	131	74.0
97	17	9.6	148	83.6
98	13	7.3	161	91.0
99	16	9.0	177	100.0

Northern Rough-winged Swallow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	7	15.9	7	15.9
86	13	29.5	20	45.5
88	1	2.3	21	47.7
89	4	9.1	25	56.8
90	4	9.1	29	65.9
91	1	2.3	30	68.2
97	3	6.8	33	75.0
98	11	25.0	44	100.0

Cedar Waxwing

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
98	4	100.0	4	100.0

Loggerhead Shrike

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	65	14.4	65	14.4
86	48	10.6	113	25.0
87	53	11.7	166	36.7
88	13	2.9	179	39.6
89	19	4.2	198	43.8
90	47	10.4	245	54.2
91	35	7.7	280	61.9
94	32	7.1	312	69.0
95	9	2.0	321	71.0
96	16	3.5	337	74.6
97	47	10.4	384	85.0
98	36	8.0	420	92.9
99	32	7.1	452	100.0

Yellow Warbler

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
95	2	100.0	2	100.0

Audubon's Warbler

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
95	2	100.0	2	100.0

Black-throated Gray Warbler

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
95	1	100.0	1	100.0

House Sparrow

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
86	3	2.2	3	2.2
87	29	21.6	32	23.9
88	40	29.9	72	53.7
89	4	3.0	76	56.7
90	2	1.5	78	58.2
91	1	0.7	79	59.0
94	26	19.4	105	78.4
95	7	5.2	112	83.6
96	3	2.2	115	85.8
97	6	4.5	121	90.3
98	9	6.7	130	97.0
99	4	3.0	134	100.0

Sage Thrasher

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	350	5.7	350	5.7
86	465	7.5	815	13.2
87	293	4.7	1108	17.9
88	206	3.3	1314	21.3
89	295	4.8	1609	26.0
90	445	7.2	2054	33.2
91	387	6.3	2441	39.5
94	637	10.3	3078	49.8
95	535	8.7	3613	58.5
96	607	9.8	4220	68.3
97	619	10.0	4839	78.3
98	806	13.0	5645	91.3
99	535	8.7	6180	100.0

Northern Mockingbird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
96	2	66.7	2	66.7
97	1	33.3	3	100.0

Rock Wren

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	7	4.6	7	4.6
86	1	0.7	8	5.3
88	1	0.7	9	6.0
89	19	12.6	28	18.5
90	3	2.0	31	20.5
91	2	1.3	33	21.9
94	2	1.3	35	23.2
95	20	13.2	55	36.4
96	10	6.6	65	43.0

97	32	21.2	97	64.2
98	21	13.9	118	78.1
99	33	21.9	151	100.0

House Wren

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
94	1	100.0	1	100.0

White-breasted Nuthatch

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
95	1	100.0	1	100.0

Mountain Chickadee

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
88	1	100.0	1	100.0

Blue-gray Gnatcatcher

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
90	1	3.1	1	3.1
91	2	6.3	3	9.4
95	4	12.5	7	21.9
96	5	15.6	12	37.5
97	4	12.5	16	50.0
98	10	31.3	26	81.3
99	6	18.8	32	100.0

Townsend's Solitaire

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
99	1	100.0	1	100.0

American Robin

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	8	5.0	8	5.0
86	7	4.4	15	9.4
87	12	7.5	27	17.0
88	11	6.9	38	23.9
89	26	16.4	64	40.3
90	14	8.8	78	49.1
91	6	3.8	84	52.8
94	3	1.9	87	54.7
95	15	9.4	102	64.2
96	11	6.9	113	71.1
97	18	11.3	131	82.4
98	12	7.5	143	89.9
99	16	10.1	159	100.0

Mountain Bluebird

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
85	2	10.0	2	10.0
87	2	10.0	4	20.0
95	4	20.0	8	40.0
96	6	30.0	14	70.0
97	4	20.0	18	90.0
99	2	10.0	20	100.0