

PBNP GRASSLAND BIRD SURVEYS: ANNUAL COUNT DATA

Species	AOU Code	2019	2020	2021	Pooled
American Crow	AMCR	137	45	42	224
American Goldfinch	AMGO	47	18	26	91
American Kestrel	AMKE	35	19	18	72
American Robin	AMRO	519	290	355	1,164
Anna's Hummingbird	ANHU	137	68	88	293
Bald Eagle	BAEA	2	3		5
Barn Swallow	BARS	170	107	88	365
Black-capped Chickadee	BCCH	79	23	68	170
Bewick's Wren	BEWR	15	8	16	39
Brown-headed Cowbird	BHCO	20	7	4	31
Black-headed Grosbeak	BHGR	32	6	17	55
Brewer's Blackbird	BRBL	4		1	5
Brown Creeper	BRCR	1	1		2
Band-tailed Pigeon	BTPI	28	5	4	37
Black-throated Gray Warbler	BTYW	9	3		12
Bullock's Oriole	BUOR	1			1
Bushtit	BUSH	10	8	1	19
Canada Goose	CAGO	8	2	2	12
California Scrub-Jay	CASJ	27	12	10	49
Chestnut-backed Chickadee	CBCH	24	8	7	39
Cedar Waxwing	CEDW	78	37	108	223
Cliff Swallow	CLSW	1		5	6
Cooper's Hawk	COHA	1	2	2	5
Common Yellowthroat	COYE	165	162	139	466
Double-crested Cormorant	DCCO		1		1
Dark-eyed Junco	DEJU	196	99	107	402
Downy Woodpecker	DOWO	5	2	6	13
Eurasian Collared-Dove	ECDO	3	1	13	17
European Starling	EUST	23	12	22	57
Fox Sparrow	FOSP		2		2
Great Blue Heron	GBHE			1	1
Golden-crowned Kinglet	GCKI	13	3		16
Golden-crowned Sparrow	GCSP	16	8	20	44
Great Horned Owl	GHOW	5			5
Great Egret	GREG			1	1
Hairy Woodpecker	HAWO	3			3
Hermit Thrush	HETH		2	5	7
House Finch	HOFI	41	3	53	97
House Wren	HOWR		2		2
Hutton's Vireo	HUVI			2	2
Killdeer	KILL	10		2	12
Lazuli Bunting	LAZB	162	117	155	434
Lesser Goldfinch	LEGO	162	91	121	374
Lincoln's Sparrow	LISP	1		1	2
MacGillivray's Warbler	LISP	3			3
Mallard	MALL	13	16	8	37
Mountain Bluebird	MOBL		3		3
Mourning Dove	MODO	96	33	48	177
Nashville Warbler	NAWA		2		2
Northern Flicker	NOFL	144	96	102	342

PBNP GRASSLAND BIRD SURVEYS: ANNUAL COUNT DATA

Species	AOU Code	2019	2020	2021	Pooled
Northern Harrier	NOHA	4		1	5
Northern Shrike	NSHR		1		1
Orange-crowned Warbler	OCWA	36	18	10	64
Olive-sided Flycatcher	OSFL	1		1	2
Osprey	OSPR	1			1
Pacific Wren	PAWR	14	2		16
Peregrine Falcon	PEFA	1	1		2
Pine Siskin	PISI			26	26
Pileated Woodpecker	PIWO			2	2
Pacific-slope Flycatcher	PSFL	6	1		7
Purple Finch	PUFI	8	3	8	19
Red-breasted Nuthatch	RBNU	28	11	38	77
Red-breasted Sapsucker	RBSA	1			1
Ruby-crowned Kinglet	RCKI	17	27	9	53
Red Crossbill	RECR			86	86
Rock Pigeon	ROPI	1			1
Red-tailed Hawk	RTHW	14	2	10	26
Rufous Hummingbird	RUHU	1	2		3
Say's Phoebe	SAPH		1		1
Savannah Sparrow	SAVS	841	631	675	2,147
Song Sparrow	SOSP	217	163	153	533
Spotted Towhee	SPTO	186	107	119	412
Sharp-shinned Hawk	SSHA			1	1
Steller's Jay	STJA	79	58	61	198
Swainson's Thrush	SWTH	1	3	4	8
Townsend's Solitaire	TOSO			2	2
Townsend's Warbler	TOWA	2	1	1	4
Tree Swallow	TRES	1	7	3	11
Turkey Vulture	TUVU	2	8	1	11
Vaux's Swift	VASW	47	25	6	78
Varied Thrush	VATH		3	2	5
Violet-green Swallow	VGSW	99	23	4	126
Warbling Vireo	WAVI	22	2		24
White-crowned Sparrow	WCSP	20	18	12	50
Western Bluebird	WEBL	3			3
Western Kingbird	WEKI	8	1		9
Western Meadowlark	WEME	3			3
Western Tanager	WETA	4	3		7
Western Wood-Pewee	WEWP	3			3
Willow Flycatcher	WIFL	37	9	10	56
Wilson's Warbler	WIWA	26	6	2	34
Yellow-breasted Chat	YBCH	5	2		7
Yellow Warbler	YEWA	2		1	3
Yellow-rumped Warbler	YRWA	34	25	35	94
Total Birds Counted -----		4,221	2,491	2,951	9,663
Total Species Observed -----		77	69	65	94

PBNP GRASSLAND BIRD SURVEYS: COUNT DATA BY SURVEY ROUTE (2019-2021)

Species	AOU Code	Meadowland	Mountainview	Pipeline	Reservoir	Summit	Pooled
American Crow	AMCR	93	6	53	27	45	224
American Goldfinch	AMGO	8	35	6	36	6	91
American Kestrel	AMKE	7	8	19	11	27	72
American Robin	AMRO	230	265	248	221	200	1,164
Anna's Hummingbird	ANHU	72	103	55	37	26	293
Bald Eagle	BAEA			3	2		5
Barn Swallow	BARS	26	17	190	101	31	365
Black-capped Chickadee	BCCH	26	60	50	23	11	170
Bewick's Wren	BEWR	16	5	9	8	1	39
Brown-headed Cowbird	BHCO	19	6		4	2	31
Black-headed Grosbeak	BHGR	23	11	12	7	2	55
Brewer's Blackbird	BRBL			1	1	3	5
Brown Creeper	BRCR				2		2
Band-tailed Pigeon	BTPI	28	5	3	1		37
Black-throated Gray Warbler	BTYW	4	4	1	2	1	12
Bullock's Oriole	BUOR		1				1
Bushtit	BUSH		13	2	3	1	19
Canada Goose	CAGO		4		5	3	12
California Scrub-Jay	CASJ	20	3	13	5	8	49
Chestnut-backed Chickadee	CBCH	13	3	14	1	8	39
Cedar Waxwing	CEDW	57	87	29	35	15	223
Cliff Swallow	CLSW			5	1		6
Cooper's Hawk	COHA	1	1	1		2	5
Common Yellowthroat	COYE	113	120	40	61	132	466
Double-crested Cormorant	DCCO			1			1
Dark-eyed Junco	DEJU	60	73	89	145	35	402
Downy Woodpecker	DOWO	7	5		1		13
Eurasian Collared-Dove	ECDO	8	6	1		2	17
European Starling	EUST	1	14	29	4	9	57
Fox Sparrow	FOSP		1			1	2
Great Blue Heron	GBHE					1	1
Golden-crowned Kinglet	GCKI	5		5	3	3	16
Golden-crowned Sparrow	GCSP	5	5	7	14	13	44
Great Horned Owl	GHOW			5			5
Great Egret	GREG					1	1
Hairy Woodpecker	HAWO				3		3
Hermit Thrush	HETH	3	1		3		7
House Finch	HOFI	35	18	34	8	2	97
House Wren	HOWR			2			2
Hutton's Vireo	HUVI				2		2
Killdeer	KILL	1	1	2	6	2	12
Lazuli Bunting	LAZB	85	110	54	110	75	434
Lesser Goldfinch	LEGO	29	148	36	149	12	374
Lincoln's Sparrow	LISP		1			1	2
MacGillivray's Warbler	LISP	3					3
Mallard	MALL	3	5	3	9	17	37
Mountain Bluebird	MOBL			2	1		3
Mourning Dove	MODO	34	29	43	38	33	177
Nashville Warbler	NAWA	1				1	2
Northern Flicker	NOFL	71	60	86	63	62	342
Northern Harrier	NOHA	1	1	1		2	5
Northern Shrike	NSHR					1	1
Orange-crowned Warbler	OCWA	25	18	13	4	4	64
Olive-sided Flycatcher	OSFL			1		1	2
Osprey	OSPR			1			1
Pacific Wren	PAWR	3		2	4	7	16
Peregrine Falcon	PEFA	1		1			2
Pine Siskin	PISI		14		11	1	26
Pileated Woodpecker	PIWO			1		1	2
Pacific-slope Flycatcher	PSFL	3		1	3		7
Purple Finch	PUFI	5	1	8	5		19
Red-breasted Nuthatch	RBNU	19	8	22	16	12	77
Red-breasted Sapsucker	RBSA	1					1

PBNP GRASSLAND BIRD SURVEYS: COUNT DATA BY SURVEY ROUTE (2019-2021)

Species	AOU Code	Meadowland	Mountainview	Pipeline	Reservoir	Summit	Pooled
Ruby-crowned Kinglet	RCKI	15	16	9	12	1	53
Red Crossbill	RECR	3	52		31		86
Rock Pigeon	ROPI		1				1
Red-tailed Hawk	RTHW	6	2	7	5	6	26
Rufous Hummingbird	RUHU	2				1	3
Say's Phoebe	SAPH				1		1
Savannah Sparrow	SAVS	353	190	360	700	544	2,147
Song Sparrow	SOSP	106	193	38	79	117	533
Spotted Towhee	SPTO	103	108	82	60	59	412
Sharp-shinned Hawk	SSHA				1		1
Steller's Jay	STJA	76	17	42	24	39	198
Swainson's Thrush	SWTH	2		1	1	4	8
Townsend's Solitaire	TOSO			1	1		2
Townsend's Warbler	TOWA		2		2		4
Tree Swallow	TRES	4		5		2	11
Turkey Vulture	TUVU		1			10	11
Vaux's Swift	VASW	5	8	39	19	7	78
Varied Thrush	VATH	1			4		5
Violet-green Swallow	VGSW	13	6	83	23	1	126
Warbling Vireo	WAVI	18	2	3		1	24
White-crowned Sparrow	WCSP	5	8	16	15	6	50
Western Bluebird	WEBL					3	3
Western Kingbird	WEKI	1	2	1	3	2	9
Western Meadowlark	WEME	1				2	3
Western Tanager	WETA	4		1	2		7
Western Wood-Pewee	WEWP	1	1		1		3
Willow Flycatcher	WIFL	23	19	4	4	6	56
Wilson's Warbler	WIWA	11	15	5	3		34
Yellow-breasted Chat	YBCH	3	2		1	1	7
Yellow Warbler	YEWA		3				3
Yellow-rumped Warbler	YRWA	15	67	5	3	4	94
Total Birds Counted -----		1,936	1,991	1,906	2,191	1,639	9,663
Total Species Observed -----		64	61	64	67	64	94