

Summary table of avian use of alpine and montane habitats in North America

#	Group	Species Name	Arctic-alpine Tundra		Mountain-alpine Tundra		Alpine Meadows and Krummholz		Upper Montane Forest		Lower Montane Forest		Unspecified high-elevation habitat		Principal References	Comments
			status	code	status	code	status	code	status	code	status	code	status	code		
1	Loons	Common Loon	B	1	/	2		0		0		0			11, 33	probably fly over alpine areas, may stop on lakes
2	Loons	Red-throated Loon	B	1		0		0		0		0			31	breeds at Chilkat Pass, BC
3	Grebes	Eared Grebe		0		0		0		0		0	l	2	13	rare migrant stopping at alpine lakes
4	Geese	Canada Goose	B L	4	/	2		0		0	l	2			11, 19, 31	probably flies over alpine areas on migration
5	Geese	Lesser Snow Goose	B l	4		0		0		0		0			11, 31	may migrate through mountain passes in north
6	Geese	Greater White-fronted Goose	B l	4	l	2		0		0		0			19	may fly high over alpine areas on migration
7	Gallinules	American Coot		0		0		0		0		10			19	
8	Dabbling ducks	Mallard	B	1	l	2	l	2	l	2	l	2			19, 24, 31	may breed in marshy areas at timberline, but mainly a fall migrant
9	Dabbling ducks	Northern Pintail	B	1	l	2	l	2	l	2	l	2			24, 31	less common than Mallard at high elevation
10	Dabbling ducks	Gadwall		0	l	2		0		0		0			13	possible moult migration
11	Dabbling ducks	Green-winged Teal		0		0	l	2	l	2	l	2			19, 24	probably similar status to Mallard
12	Dabbling ducks	American Widgeon	B	1		0	l	2		0		0			19, 31	
13	Dabbling ducks	Northern Shoveler	B	1	l	2		0		0		0			24	
14	Diving ducks	Barrow's Goldeneye	L	2	l a	6	l a	6	l a	6	b l	4			5, 11, 33	possible moult migration- more study required
15	Diving ducks	Common Goldeneye	L	2		0		0		0	b l	4			11	
16	Diving ducks	Greater Scaup	b l	4		0		0		0		0			31	
17	Diving ducks	Lesser Scaup	b	1	l	2	l	2	l	2		0			19, 13, 31	
18	Diving ducks	Oldsquaw	B	1		0		0		0		0			11	may stop at higher elevation lakes during fall migration through north
19	Diving ducks	Ring-necked Duck		0		0		0	l a	6		0			19	rare
20	Diving ducks	Harlequin Duck		0		0		0	b	1	B	1			5, 6	nests along mountain streams; migration route poorly known
21	Diving ducks	Surf Scoter	b	1		0		0		0		0			11, 31	
22	Diving ducks	Common Merganser	b	1		0		0		0		0			31	
23	Vultures	California Condor		0		0		0	a	3		0			18	extirpated from most of former range
24	Vultures	Turkey Vulture		0		0	l a	6		0	l a	6			20	usually confined to lower elevations
25	Hawks	Sharp-shinned Hawk		0	L	2	L	2	b L	4	B l	4			5, 7, 19, 20	may forage in alpine during breeding period; common migrant
26	Hawks	Cooper's Hawk		0	l	2	l	2	l	2	b l	4			5, 19	not as common as Sharp-shinned Hawk in north
27	Hawks	Northern Goshawk	l	2	l a	6	l a	6	b	1	b l	4			5, 19, 26	may forage in alpine during breeding period
28	Hawks	Red-tailed Hawk		0	l	2	l	2	l	2	l	2			13, 19	common migrant
29	Hawks	Red-shouldered Hawk		0		0		0	l	2	l	2			26	use ridges during fall migration in east
30	Hawks	Broad-winged Hawk		0		0		0	l	2	l	2			26	use ridges during fall migration in east
31	Hawks	Swainson's Hawk		0	l	2	l	2		0		0			5, 20	rare migrant along alpine ridges
32	Hawks	Rough-legged Hawk	B	1	l	2	l	2		0		0			19, 24	early fall migrant- more study required
33	Hawks	Ferruginous Hawk		0	l	2	l	2		0		0			24	
34	Eagles	Golden Eagle	B	1	b L a	7	b L a	7		0		0			17, 24, 31	nests on cliffs; regularly forages and migrates in alpine habitats
35	Eagles	Bald Eagle		0	l	2	L	2	l	2	l	2			5, 19	common along coastal ridges in fall
36	Harrier	Northern Harrier	bL	4	L A	6	L A	6	l a	6	l a	6			5, 19, 24, 31	mostly a summer visitor and fall migrant through alpine
37	Osprey	Osprey		0	l	2	l	2		0		0			19, 33	has been seen flying over alpine sites in the fall
38	Falcons	Gyr Falcon	B	1	b a	5		0		0		0			31	similar to Golden Eagle but restricted to north in summer
39	Falcons	Prairie Falcon		0	b a	5	b L a	7	l	2		0			19, 24	similar to Golden Eagle but restricted to south in summer
40	Falcons	Peregrine Falcon	B	1	l	2	l	2	l b	4		0			19, 20, 24	uncommonly reported in alpine
41	Falcons	Merlin	b	1	l a	6	l a	6	l a	6	b l	4			5, 19, 23	may be more common in coastal mountains during fall migration
42	Falcons	American Kestrel	l	2	l a	6	L A	6	l a	6		0			13, 19	visitor to the alpine in summer; more common in drier areas
43	Grouse	Blue Grouse		0	a	3	b A	5	b A	5	B	1			5, 9, 19, 20, 25	common altitudinal migrant
44	Grouse	Ruffed Grouse		0		0	b	1	a	3	B	1			2, 5, 17, 19	usually restricted to forested habitats but has bred in alpine
45	Grouse	Spruce Grouse		0		0		0	r	8	r	8			5, 19, 23	found at treeline in some areas
46	Grouse	Sharp-tailed Grouse		0		0		0	a	3	a	3			5	rare at higher elevations; found in open forest
47	Quail	Mountain Quail		0		0		0		0	b	1			18	

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48	Ptarmigan	White-tailed Ptarmigan		0	R	8	R	8	a	3	a	3			5, 19, 26	found in high alpine throughout year
49	Ptarmigan	Willow Ptarmigan	R	8	b	1	b	1	w	9	w	9			5, 19, 31	most common in arctic tundra
50	Ptarmigan	Rock Ptarmigan	r	8	b	1	b	1	w	9	w	9			5, 26, 31	occurs at higher elevations than Willow Ptarmigan
51	Cranes	Sandhill Crane	b	1		0	l	2	l	2		0			5, 19	has defined migratory routes, may fly over alpine areas and stopover
52	Shorebirds	Lesser Golden Plover	B L	4	b	1		0		0		0			5, 31	may breed on high plateaus in the north
53	Shorebirds	Semipalmated Plover	B L	4	l	2	l	2		0		0			5, 31	frequents alpine tarns in fall migration
54	Shorebirds	Killdeer		0	b l	4	b l	4	b l	4	b	1			5, 20, 31	may nest in clearcuts, alpine areas
55	Shorebirds	Greater Yellowlegs		0	b l	4	b l	4	b l	4	b l	4			5, 19	
56	Shorebirds	Lesser Yellowlegs	B	1		0		0		0		0			31	
57	Shorebirds	Solitary Sandpiper	b l	4	l	2	l	2	b l	4	B l	4			5, 19, 24, 26, 31	inhabits wet meadows, alpine tarns
58	Shorebirds	Wandering Tattler	b	1		0		0		0		0			31	
59	Shorebirds	Spotted Sandpiper	b	1	b l	4	b l	4	B l	4	B l	4			5, 18, 19, 26	more common than Solitary Sandpiper, especially along coast
60	Shorebirds	Upland Sandpiper		0		0		0		0		0	10		3	Colorado record
61	Shorebirds	Whimbrel	b	1		0		0		0		0			1	
62	Shorebirds	Long-billed Curlew		0		0		0		0		0	10		3	Colorado record
63	Shorebirds	Hudsonian Godwit	b	1		0		0		0		0			31	
64	Shorebirds	Marbled Godwit		0	l	2		0		0		0			24	
65	Shorebirds	Surfbird	b	1		0		0		0		0			11	breeds at higher elevations in Yukon and Alaska
66	Shorebirds	Western Sandpiper	b l	4		0		0		0		0			31	
67	Shorebirds	Least Sandpiper	b l	4		0		0		0		0			31	breeder and migrant in northern mountain passes
68	Shorebirds	Baird's Sandpiper	b l	4	L	2		0		0		0		5, 19, 24	regular fall migrant through alpine	
69	Shorebirds	Short-billed Dowitcher	b l	4		0		0		0		0		31	breeds in mountain passes of far northwest	
70	Shorebirds	Common Snipe	b	1		0	b	1	b	1	b	1			2, 20, 24, 31	uncommon at high elevations; inhabits wet meadows
71	Phalaropes	Red-necked Phalarope	b l	4	l	2		0		0		0			5, 19	occurs on alpine lakes during fall migration
72	Gulls	Long-tailed Jaeger	b l	4	l	2		0		0		0			5	may have a fall migration route through alpine
73	Gulls	Franklin's Gull		0	l	2	l	2		0		0			3, 24, 26	probably a regular visitor to alpine during fall migration
74	Gulls	Bonaparte's Gull	B	1	b l	4	b l	4	b l	4		0			5, 31, 33	may breed near subalpine ponds, or use during migration to coast
75	Gulls	Herring Gull	b	1		0		0		0		0			31	
76	Gulls	Mew Gull	B	1		0		0		0		0			31	
77	Gulls	Arctic Tern	B	1		0		0		0		0			31	
78	Doves	Band-tailed Pigeon		0		0	a	3	A	3	a	3			5, 19	moves up in the fall to feed on ripening fruit
79	Doves	Mourning Dove		0	a	3	a	3	a	3	a	3			2, 3, 24	more common in south
80	Owls	Great-horned Owl	b	1		10		10	b	1	r	8			2, 3, 5, 24	found sporadically in alpine
81	Owls	Snowy Owl	b	1		0		10		0	w	9			5, 19	
82	Owls	Northern Hawk Owl		0		0	a w	11	b w	11	b	1			5, 33	has been observed at ski resorts in winter
83	Owls	Northern Pygmy Owl		0		0	a	3	r	8	r	8			5, 19, 33	
84	Owls	Great-grey Owl		0		0		0		10		10			5, 20	sometimes found in forests of subalpine fir
85	Owls	Long-eared Owl		0	a	3	a	3	b a	5	b a	5			5, 19, 24	found sporadically in alpine tundra
86	Owls	Short-eared Owl	b	1		0		10		0		0			5, 19, 31	has been recorded at timberline and alpine grasslands
87	Owls	Boreal Owl		0		0		0	r	8	r	8			32, 33	has been encountered during alpine ski trips
88	Owls	Flammulated Owl		0		0		0		0	b	1			18	
89	Owls	Northern Saw-whet Owl		0		0	a	3	b	1	b	1			5, 19	
90	Goatsuckers	Common Nighthawk		0	b l	4	b l	4	l	2	l	2			5, 19, 20, 24	not known to breed in alpine, but is an irregular migrant
91	Swifts	White-throated Swift		0	l a	6	l a	6	a	3		0			18, 24	breeds along cliffs at lower elevations
92	Swifts	Chimney Swift		0		10		10		10		0			3, 23	sighted in Colorado alpine; also in the east
93	Swifts	Vaux's Swift		0	a	3	a	3	a	3	b a	5			5, 19	moves up to forage on flying ants and other insects
94	Swifts	Black Swift		0	A	3	a	3	a	3	b a	5			5, 19	moves up to forage on flying ants and other insects

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95	Hummingbirds	Ruby-throated Hummingbird		0	l	2	l	2	b	1	B	1			23	regular in summer in eastern ranges
96	Hummingbirds	Rufous Hummingbird	b l a	7	L a	6	b L A	6	b L a	7	B l	4			4, 5, 19	uses alpine meadows extensively during fall migration
97	Hummingbirds	Calliope Hummingbird		0		0	a	3	b a	5	b	1			5, 8	
98	Hummingbirds	Broad-tailed Hummingbird		0		10	l a	6	l a	6	l a	6			2, 3	most common in south
99	Hummingbirds	Black-chinned Hummingbird		0		0		0		0	a	3			18	most common in south
100	Kingfishers	Belted Kingfisher		0		0		0		0	b a	5			5	presence dependent on appropriate aquatic habitat
101	Woodpeckers	Yellow-bellied Sapsucker		0		0		0		0	a	3			30	
102	Woodpeckers	Red-breasted Sapsucker		0		0		0	b a	5	b a	5			2, 5, 19	more coastal than Red-naped
103	Woodpeckers	Red-naped Sapsucker		0		0		0	b / a	7	b / a	7			5, 19, 20	found at lower elevations than Red-breasted
104	Woodpeckers	Lewis' Woodpecker		0		0		0	a	3	a	3			20	
105	Woodpeckers	Williamson's Sapsucker		0		0		0	b a	5	b	1			2, 18, 20	
106	Woodpeckers	Downy Woodpecker		0		0		0		0	b a	5			19, 23	
107	Woodpeckers	Hairy Woodpecker		0		0		0	a	3	b a	5			5, 19, 23, 28	more common than Downy Woodpecker at higher elevations
108	Woodpeckers	White-headed Woodpecker		0		0		0		0	b	1			18	
109	Woodpeckers	Three-toed Woodpecker		0		0		0	b	1	r	8			2, 3, 19, 28	most common in montane forest
110	Woodpeckers	Black-backed Woodpecker		0		0		0	b	1	r	8			5, 20	not as common as Three-toed Woodpecker at higher elevations
111	Woodpeckers	Northern Flicker		0		0	b a	5	b a	5	B	1			5, 19, 21, 24	may forage on ants in alpine meadows, common up to treeline
112	Woodpeckers	Pileated Woodpecker		0		0		0		0	r	8			2, 19	
113	Flycatchers	Olive-sided Flycatcher		0		0	a	3	b	1	B	1			5, 19, 21, 23	
114	Flycatchers	Eastern Wood-Peevee		0		0		0				10			23	uncommon at higher elevations
115	Flycatchers	Western Wood-Peevee		0		0		0		0	b	1			5, 19	
116	Flycatchers	Yellow-bellied Flycatcher		0		0		0		0	b l	4			23, 40	common breeder in the northeast
117	Flycatchers	Least Flycatcher		0		0		0		0		10			19	rare
118	Flycatchers	Hammond's Flycatcher		0		0		0	b a	5	b	1			5, 18, 19	
119	Flycatchers	Dusky Flycatcher		0		0		0	b a	5	b	1			5, 8, 20, 26	occurs more regularly than other Empidonax at higher elevations
120	Flycatchers	Pacific-slope Flycatcher		0		0		0		0	b	1			5, 19, 21	
121	Flycatchers	Say's Phoebe	B	1	B	1	B	1	b	1		0			5, 13, 31	will use man-made structures in alpine, or nest along cliffs
122	Flycatchers	Black Phoebe		0		0		0		0	a	3			18	
123	Flycatchers	Eastern Kingbird		0		0		0		0		10			2	
124	Flycatchers	Western Kingbird		0		0		0		0		10			3	rare
125	Larks	Horned Lark	B	1	B L	4	B L	4	l	2		0			5, 19, 26, 29	subspecies: abundant breeder and late migrant in alpine
126	Swallows	Purple Martin		0		0		0		0		10			23	rare in east
127	Swallows	Tree Swallow	b	1	l	2	l	2	l	2	l	2			3, 24, 31	rare migrant
128	Swallows	Violet-green Swallow	b l	4	l a	6	l a	6	l a	6	l a	6			2, 3, 19, 31	occurs more regularly than Tree Swallow in alpine
129	Swallows	Bank Swallow		0		0		0		0		0	10		3	rare
130	Swallows	Northern Rough-winged Swallow		0		0		0		10		10			20	rare
131	Swallows	Barn Swallow	b	1	b l	4	b l	4	b	1	b	1			5, 19, 31	will nest wherever man-made structures exist
132	Swallows	Cliff Swallow	b	1	b a	5	b a	5		0		0			3, 5, 13	nests on rock bluffs; visitor to alpine
133	Corvids	Gray Jay		0	a	3	b A	5	B	1	R	8			2, 3, 5, 19, 23	uncommon above treeline
134	Corvids	Blue Jay		0		0		0		0		10			23	occurs rarely at high elevations in the east
135	Corvids	Steller's Jay		0	a	3	a	3	b a	5	r	8			3, 5, 19, 30	regular altitudinal migrant
136	Corvids	Clark's Nutcracker		0	a	3	B	1	B	1	w	9			5, 16	caches seeds in alpine but nests in dry upper montane forest
137	Corvids	Black-billed Magpie	b	1		0		10		0		0			19, 31	
138	Corvids	American Crow		0		0		0		0		0	10		23	rare; associated with development
139	Corvids	Northwestern Crow		0		10		10		0		0			5, 19	rare; associated with development
140	Corvids	Common Raven	R	8	r	8	r	8	r	8	r	8			5, 19, 24, 31	occurs at all elevations; also regular visitor to alpine
141	Chickadees	Black-capped Chickadee		0		0	a	3	a	3	b a	5			5, 19, 23	uncommon at higher elevations

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142	Chickadees	Boreal Chickadee		0		0		0	a r	11	r	8			5, 19, 23	uncommon resident in montane forest, often flocking in subalpine
143	Chickadees	Mountain Chickadee		0	a	3	a	3	R	8	R	8			3, 5, 15	most common chickadee at high elevations
144	Chickadees	Chestnut-backed Chickadee		0	a	3	a	3	a	3	b a	5			5, 19, 21	usually confined to forested habitats
145	Bushtit	Bushtit		0		0		0	a	3	a	3			14, 15	regular altitudinal migrant in southern mountains
146	Nuthatches	Red-breasted Nuthatch		0	l a	6	l a	6	b l a	7	R	8			5, 19, 21, 30	has been observed foraging among rocks in alpine during migration
147	Nuthatches	White-breasted Nuthatch		0	a	3	a	3	r	8	r	8			17, 26	more common at higher elevations in southern part of range
148	Nuthatches	Pygmy Nuthatch		0		0		0		0	r	8			2, 15	
149	Creepers	Brown Creeper		0		0		0		0	R	8			5, 8, 18, 19	confined to contiguous forest
150	Wrens	Winter Wren		0		0	b a	5	b a	5	B	1			5, 19, 21, 27	
151	Wrens	Rock Wren		0	b l	4	b l	4		0		0			3, 5, 19, 22, 24	will nest in any rocky areas: talus, boulder fields, canyons
152	Wrens	Canyon Wren		0		0		0		0		0		10	20	rocky areas of the south
153	Wrens	House Wren		0		0		0		0		0	b	1	2, 15	occurs at higher elevations in southern part of range
154	Dipper	American Dipper		0	b a	5	b a	5	b a	5	b	1			5, 19, 24	regular altitudinal migrant, often using alpine lakes
155	Kinglets	Golden-crowned Kinglet		0		0	a	3	r	8	R	8			19, 21, 26	
156	Kinglets	Ruby-crowned Kinglet		0		0	l a	6	b l a	7	b l a	7			10, 19, 26	
157	Gnatcatcher	Blue-gray Gnatcatcher		0		0		0		0	b a	5		10	3, 15	
158	Thrushes	American Robin	b	1	l a	6	B L A	7	B L A	7	B l	4			5, 19, 24	nests in krummholz in the alpine, common migrant
159	Thrushes	Varied Thrush		0		0	l a	6	B	1	B	1			5, 19, 21	common on steep forested slopes
160	Thrushes	Hermit Thrush	b	1		0	b l a	7	b l a	7	B L	4			5, 19, 21, 31	
161	Thrushes	Gray-cheeked Thrush	b	1		0	b	1	b	1	b	1			5, 31	breeds in north; found in shrubby habitats including krummholz
162	Thrushes	Bicknell's Thrush		0		0	b	1	b	1	b	1			23, 27, 33	common at high elevations in eastern subalpine habitats
163	Thrushes	Swainson's Thrush		0		0	l	2	b L a	7	b l	4			2, 5, 19	less regular than Hermit Thrush at higher elevations
164	Thrushes	Western Bluebird		0		0		0	b	1	b	1			5, 18, 20	
165	Thrushes	Mountain Bluebird		0	b l a	7	b l a	7	B l a	7	B l a	7			5, 19, 22, 24	will nest above tree line in man-made structures and rock crevices
166	Thrushes	Townsend's Solitaire	b	1	b l a	7	b l a	7	b l a	7	B l a	7			5, 8, 19, 21	mainly nests at lower elevations but regularly migrates through alpine
167	Pipits	American Pipit	B	1	B L	4	B L	4	b l	4		0			1, 3, 4, 10578, 10594	abundant in alpine as breeder and fall migrant
168	Starling	European Starling		0		0		0		0		0		10	20	associated with development, but uncommon
169	Waxwings	Bohemian Waxwing		0		0	l	2	l a	6	b l a	7		10	3, 5, 19, 31	probably moves up to feed on ripening fruit
170	Waxwings	Cedar Waxwing		0		0	l	2	l a	6	b l a	7			5, 19, 26	occurs less regularly than Bohemian Waxwing at higher elevations
171	Shrikes	Northern Shrike	b l	4		0	l	2		0		0			31	
172	Shrikes	Loggerhead Shrike		0		0		0		0		0		10	3	Colorado record
173	Vireos	Solitary Vireo		0		0		0		0	b l a	7			5, 19, 21, 27	confined to forest
174	Vireos	Red-eyed Vireo		0		0		0		0	b l a	7			23	rare at high elevations in the east
175	Vireos	Warbling Vireo		0		0		0		0		10			21	rare at high elevations in the south
176	Warblers	Orange-crowned Warbler		0		0	l a	6	b l a	7	b l a	7			2, 3, 12, 19, 26	known to disperse to higher elevations in late summer
177	Warblers	Nashville Warbler		0		0		0	l a	6	b l a	7			12, 19, 23	known to disperse to higher elevations in late summer; also in east
178	Warblers	Virginia's Warbler		0		0		0		0		10			15	locally common in drier habitats of south
179	Warblers	Yellow Warbler	b	1		0		0		0		0			31	
180	Warblers	Magnolia Warbler		0		0		0	b	1	b	1			23	common in northeast at higher elevation woodlands
181	Warblers	Black-throated Blue Warbler		0		0		0		0		10			23	uncommon at higher elevation woodlands in east
182	Warblers	Yellow-rumped Warbler	l	2		0	L a	6	b L A	7	B L A	7			12, 14, 19, 23	most common warbler at higher elevations
183	Warblers	Black-throated Gray Warbler		0		0		0		0	b l a	7			12	
184	Warblers	Townsend's Warbler		0		0	l a	6	b l a	7	b l a	7			12, 14, 19	breeds in montane forest, but also altitudinal migrant
185	Warblers	Hermit Warbler		0		0		0	b l a	7	B l a	7			12, 14, 21, 26	common at higher elevations within range
186	Warblers	Black-throated Green Warbler		0		0		0	l	2	b L	4			23	common in migration at higher elevations in the east
187	Warblers	Grace's Warbler		0		0		0		10		10			15	locally common in high, arid southern forests
188	Warblers	Blackburnian Warbler		0		0		0	b l	4	b l	4			23	fairly common at higher elevations in the east

Summary table of avian use of alpine and montane habitats in North America

#	Group	Species Name	Arctic-alpine Tundra		Mountain-alpine Tundra		Alpine Meadows and Krummholz		Upper Montane Forest		Lower Montane Forest		Unspecified high-elevation habitat		Principal References	Comments
			status	code	status	code	status	code	status	code	status	code	status	code		
189	Warblers	Pine Warbler		0		0		0		0	l	2			23	uncommon at higher elevations in the east
190	Warblers	Blackpoll Warbler		0		0	b	1	B	1	B	1			23	common in subalpine in northeast
191	Warblers	Bay-breasted Warbler		0		0		0	b	1	b	1			23	fairly common in high coniferous forests in northeast
192	Warblers	Black-and-white Warbler		0		0		0		0	b	1			23	
193	Warblers	American Redstart		0		0		0	l	2	b	1			23, 27	
194	Warblers	Painted Redstart		0		0		0		0	b	1			15	relatively common in south
195	Warblers	Northern Waterthrush		0		0		0		0	b	1			23	
196	Warblers	MacGillivray's Warbler		0		0	l	2	b l	4	b l	4			12, 13, 19	
197	Warblers	Wilson's Warbler	B	1		0	b l a	7	b l A	7	b l a	7			2, 19, 21	frequents shrubby and partly treed habitats
198	Warblers	Canada Warbler		0		0		0		0	b	1			23	
199	Tanagers	Western Tanager		0		0		0	l a	6	b l a	7			18, 19, 21	uncommon at higher elevations
200	Tanagers	Hepatic Tanager		0		0		0		0		10			15	
201	Icterids	Western Meadowlark		0		0	b a	5	b a	5		0			3, 17, 19, 24	rare breeder in alpine grasslands
202	Icterids	Yellow-headed Blackbird		0		0	l	2		0		0			24	rare at alpine ponds during migration
203	Icterids	Red-winged Blackbird		0		0	l	2		0		0			3, 24	rare at alpine ponds during migration
204	Icterids	Brewer's Blackbird		0	l	2		10		0		0			3, 17, 19, 24	possibly an altitudinal migrant; recorded flying over alpine
205	Icterids	Rusty Blackbird	l	2		0		0		0		0			31	
206	Icterids	Bullock's Oriole		0		0		0		0	l	2			18	rare at high elevations
207	Cowbirds	Brown-headed Cowbird		0	l a	6		0	l a	6	l a	6			19, 24	found where ranching occurs in alpine grasslands
208	Grosbeaks	Black-headed Grosbeak		0		0		0	a	3	b	1			15, 20, 21	
209	Grosbeaks	Evening Grosbeak		0		0	l	2	b l a	7	b a	5			19, 21	
210	Grosbeaks	Pine Grosbeak		0		0	l a	6	b l a	7	r	8			2, 3, 8, 19, 23	more common in south
211	Finches	Cassin's Finch		0		0	b a	5	R	8	r	8			2, 3, 19, 21, 24, 26	more common in south
212	Finches	Purple Finch		0		0		0		0	a	3			21, 27	much less common than Cassin's Finch at higher elevations
213	Finches	Rosy Finch		0	R	8	l a r	11	w	9		0			7, 19, 22, 24	common near snowfields
214	Finches	Pine Siskin		0		0	l a	3	A	3	B A	5			15, 19, 24, 26	most commonly observed in forest and at treeline
215	Finches	American Goldfinch		0		0	a	3	a	3		10			23, 31	
216	Finches	Common Redpoll	B a	5		0		0		0		0			31	
217	Crossbills	Red Crossbill		0		0	r	8	R	8	R	8			19, 21, 24	most commonly observed in forest and at treeline
218	Crossbills	White-winged Crossbill		0		0	a	3	a	3	r	8			19, 21	much less common than Red Crossbill
219	Longspurs	Chestnut-collared Longspur		0		10		0		0		0			4, 5	
220	Longspurs	Lapland Longspur	L	2		0		0		0		0			31	
221	Longspurs	Smith's Longspur	b	1		0		0		0		0			26, 31	
222	Buntings	Snow Bunting	B L	4	B L w	11	w	9		0		0			19, 24, 31	migrates through northern mountain passes
223	Buntings	Lark Bunting		0		10		0		0		0			3	Colorado record
224	Buntings	Lazuli Bunting		0		0		0		0	a	3			18	rare at high elevations
225	Sparrows	Spotted Towhee		0		0		0		0		10			19	rare
226	Sparrows	Green-tailed Towhee		0		0	a	3	b	1	b	1			2, 24	western U.S.
227	Sparrows	Savannah Sparrow	B	1	l	2	b l	4	b l	4		0			19, 24, 26, 31	migrates through alpine areas in fall; breeder in certain locations
228	Sparrows	Vesper Sparrow		0	l	2	b l	4	l	2		10			2, 17, 19, 24	will breed in alpine grasslands
229	Sparrows	Dark-eyed Junco	b l	4	a	3	B A	5	B A	5	B A l	5			8, 19, 23, 24	abundant in late summer in subalpine habitat
230	Sparrows	Chipping Sparrow		0		0	b l a	7	b l a	7	b l a	7			8, 19, 21, 24	occurs more regularly in southern part of range
231	Sparrows	Clay-coloured Sparrow		0		0		0		0		0	l	2	3, 24	rare
232	Sparrows	Brewer's Sparrow	B	1			b	1		0		0			24, 31, 33	subspecies breeds at treeline
233	Sparrows	Golden-crowned Sparrow	B	1	l a	6	B L A	7	B L A	7	b l a	7			19, 26, 31	common late migrant
234	Sparrows	White-crowned Sparrow	B	1	l a	6	B L A	7	B L A	7	b l a	7			8, 19, 26, 31	common nester in krummholz; common migrant
235	Sparrows	Sage Sparrow		0		0		0		0	a	3			18	rare

Summary table of avian use of alpine and montane habitats in North America

#	Group	Species Name	Arctic-alpine Tundra		Mountain-alpine Tundra		Alpine Meadows and Krummholz		Upper Montane Forest		Lower Montane Forest		Unspecified high-elevation habitat		Principal References	Comments
			status	code	status	code	status	code	status	code	status	code	status	code		
236	Sparrows	Fox Sparrow	b	1		0	b a	5	b a	5	b a	5			18, 19, 21	
237	Sparrows	Lincoln's Sparrow	b	1		0	b l a	7	b l a	7	b l a	7			2, 13, 19, 21	uncommon breeder and migrant at treeline
238	Sparrows	Song Sparrow		0		0		0	b	1	b a	5		10	2, 3, 19	rare
239	Sparrows	Tree Sparrow	B	1		0		0		0		0			31	common breeder in northern mountain passes

LEGEND

Habitat types*

Arctic-alpine tundra:	Rocky, sparsely-vegetated and treeless habitat occurring above the altitudinal treeline (1000m or less) in northern mountains; sharing arctic flora and fauna
Mountain-alpine tundra:	Rocky, sparsely-vegetated and treeless habitat occurring above the altitudinal treeline in non-arctic latitudes
Alpine meadows and krummholz:	Flower fields, dry meadows and grasslands at or above the altitudinal treeline, with small stunted trees or shrubs
Upper montane forest:	Wet meadows and parkland habitats characterized by a mixture of forest clumps and low-lying vegetation
Lower montane forest:	Contiguous forest at high elevations usually composed of one or two tree species characteristic to a given region

*this categorization was created in order to incorporate all of the varied habitat types occurring in different regions of North America (S. Ogle 2000)

Status

B	Breeding	Bold	abundant, widespread
L	Latitudinal migrant	UPPER CASE	common
A	Altitudinal migrant *	lower case	uncommon, irregular
R	Resident	<i>Italics</i>	possibly occurs
W	Winters		

*often difficult to distinguish between altitudinal and latitudinal migrants

Code (for sorting file by status)

- 0 Not known to use habitat
- 1 Breeding (B)
- 2 Latitudinal migrant (L)
- 3 Altitudinal migrant (A)
- 4 Breeding (B) and latitudinal migrant (L)
- 5 Breeding (B) and altitudinal migrant (A)
- 6 Latitudinal (L) and altitudinal migrant (A)
- 7 Breeding (B), latitudinal (L) and altitudinal migrant (A)
- 8 Year-round resident
- 9 Winters
- 10 Status unknown- uses habitat but unclear how or to what extent
- 11 Other combination

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