Wildlife Checklist

Klamath Basin National Wildlife Refuges and Environs

Welcome

The Upper Klamath Basin watershed in southern Oregon and northern California is an inland area of approximately 5,700 square miles providing rich and diverse wildlife habitats. Historically, the Klamath Basin was dominated by approximately 185,000 acres of shallow lakes and freshwater marshes. These extensive wetlands attracted peak fall concentrations of many millions of waterfowl and supported abundant populations of other waterbird including American white pelican, double-crested cormorant and several species of herons, egrets, grebes and rails. During the early 1900s many wetlands were converted to agricultural lands. Today, less than 25 percent of the historical wetlands remain, most of which are protected in refuges and wildlife areas.

At the heart of the Klamath Basin, six national wildlife refuges and two state wildlife areas offer a haven for wildlife and excellent opportunities to view the species listed in this leaflet. National Wildlife Refuges include Lower Klamath, Tule Lake and Clear Lake in northern California and Upper Klamath, Klamath Marsh and Bear Valley in southern Oregon. The Klamath Wildlife Area and Butte Valley Wildlife Area are managed for wildlife by the states of Oregon and California respectively.

Diverse Habitats Support Diverse Wildlife

The Klamath Basin is comprised of a variety of habitats including rivers, lakes, freshwater marshes, riparian shorelines, grassy meadows, agricultural lands, sagebrush and juniper habitats, coniferous forests, mountain meadows and rocky slopes. These habitats support diverse and abundant populations of resident and migratory wildlife with 489 species of birds, mammals, reptiles, amphibians and fishes known to occur in the Klamath Basin.

Viewing Wildlife in the Klamath Basin

The Klamath Basin offers excellent, year-round wildlife observation opportunities. The recently established Klamath Basin Birding Trail provides many possibilities to view birds and other wildlife along established roads. The 300 mile loop trail with 47 identified birding sites is described in detail on the web site "klamathbirdingtrails.com." Auto tour routes, canoe trails and photography/observation blinds on four of the Klamath Basin Refuges provide abundant wildlife viewing opportunities throughout the year. Detailed information about on-refuge opportunities may be obtained at the refuge visitor center five miles west of Tulelake, California (open weekdays and weekends),by contacting the refuge at (530) 667-2231or by accessing the refuge web site at "klamathbasin refuges.fws.gov."

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Binoculars, a spotting scope, and wildlife field guides will enhance your viewing experience. Staying in your vehicle, when practical, will increase your observation opportunities and reduce disturbance to wildlife.

Birds

The Klamath Basin is internationally renowned for its great abundance and diversity of birdlife. Of special interest are the large concentrations of waterfowl during spring and fall migratory periods. Peak numbers generally occur in early November and late March or April. Klamath Basin wetlands are among the most prolific waterfowl and marsh bird production areas in the Pacific Northwest. During the spring and summer, large numbers of waterfowl and other water bird young can be viewed. The Klamath Basin is also host to the largest concentration of wintering bald eagles in the contiguous United States. Some years more than 1,000 of these majestic birds are present with most daytime use occurring at Tule Lake and Lower Klamath Refuges.

The following lists contain 274 regularly occurring bird species. Another 77 casual and accidental species are shown on a separate list. The checklists were prepared in accordance with the latest edition of the American Ornithologists' Union Check-list of North American Birds (44th Supplement) in cooperation with several Klamath Basin birding authorities.

The sighting likelihood of a bird may vary within a season. The chance of observing each bird on this list represents the highest chance of seeing the species within that season.

Seasons

Sp - Spring	March - May
S - Summer	June - August
F - Fall	September - November
W - Winter	December - February

Sighting Likelihood

- a - Very common, often in large numbers; sighting likelihood excellent in appropriate habitat
- c - Commonly observed; sighting likelihood good in appropriate habitat
- u - Uncommonly observed; sighting likelihood fair in appropriate habitat
- r - Rarely observed; unlikely to be seen even in appropriate habitat
- * Birds known to breed in the Klamath Basin
- # Species listed as endangered or threatened
- + Birds on the Casual and Accidental List that have been observed only 1-3 times the past 25 years
- ^ Additional data needed to determine if one or both these species are present in the Klamath Basin

LOONS		Sp	S	F	W
___ Pacific Loon	TL,UK	r	-	r	-
___ Common Loon	TL,UK	u	-	u	r

GREBES		Sp	S	F	W
___ Pied-billed Grebe*		c	c	c	c
___ Horned Grebe		u	-	u	r
___ Red-necked Grebe*		u	u	u	-
___ Eared Grebe*	TL,LK	c	a	a	u
___ Western Grebe*		c	a	a	r
___ Clark's Grebe*		c	c	c	r

PELICANS		Sp	S	F	W
___ American White Pelican*		c	c	c	r

CORMORANTS		Sp	S	F	W
___ Double-crested Cormorant*		c	c	c	r

BITTERNS, HERONS, and EGRETS		Sp	S	F	W
___ American Bittern*		u	u	u	r
___ Least Bittern*		r	r	-	-
___ Great Blue Heron*		c	c	c	c
___ Great Egret*		c	c	c	u
___ Snowy Egret*		u	c	c	-
___ Cattle Egret		r	r	r	-
___ Green Heron	TL,UK	r	r	r	-
___ Black-crowned Night-Heron*		c	c	c	u

IBIS	LK	Sp	S	F	W
___ White-faced Ibis*		c	c	c	r

AMERICAN VULTURES		Sp	S	F	W
___ Turkey Vulture		u	u	u	-

SWANS, GEESE AND DUCKS		Sp	S	F	W
___ Greater White-fronted Goose		a	r	a	c
___ Emperor Goose	TL,LK	r	-	r	-
___ Snow Goose		a	r	a	c
___ Ross' Goose	TL,LK	a	r	a	c
___ Canada Goose*		a	c	a	c
___ Brant		r	-	r	r
___ Tundra Swan		c	r	c	a
___ Trumpeter Swan*		r	r	r	r
___ Wood Duck*	UK,KM	u	u	u	r
___ Gadwall*		c	c	a	u
___ Eurasian Wigeon	TL,LK	u	-	u	u
___ American Wigeon*		a	u	a	c
___ Mallard*		a	c	a	c
___ Blue-winged Teal*	TL,LK	u	u	u	-
___ Cinnamon Teal*		c	a	c	r
___ Northern Shoveler*		a	c	a	c

___ Northern Pintail*		a	c	a	c
___ Green-winged Teal*		c	r	a	u
___ Canvasback*		c	u	c	u
___ Redhead*		c	c	c	u
___ Ring-necked Duck*	KM	u	u	u	u
___ Greater Scaup		r	-	r	r
___ Lesser Scaup*		c	u	c	c
___ Surf Scoter	TL,LK,UK	-	-	r	-
___ White-winged Scoter	TL	-	-	r	r
___ Long-tailed Duck (Oldsquaw)		r	-	r	r
___ Bufflehead*		c	r	c	u
___ Common Goldeneye		c	r	u	c
___ Barrow's Goldeneye		r	r	r	u
___ Hooded Merganser*		u	r	u	u
___ Common Merganser*		c	r	c	c
___ Red-breasted Merganser		r	-	r	r
___ Ruddy Duck*		a	c	a	c

OSPREY		Sp	S	F	W
___ Osprey*	UK,KM	u	u	u	-

HAWKS, KITES, HARRIERS AND EAGLES		Sp	S	F	W
___ White-tailed Kite	UK,KM	r	-	r	r
___ Bald Eagle*#		c	u	u	a
___ Northern Harrier*		c	c	c	c
___ Sharp-shinned Hawk*		u	u	u	u
___ Cooper's Hawk*		u	u	u	u
___ Northern Goshawk*	BV,KM	u	u	u	u
___ Red-shouldered Hawk		-	-	-	r
___ Swainson's Hawk*		r	r	r	-
___ Red-tailed Hawk*		c	c	c	c
___ Ferruginous Hawk*		r	r	r	r
___ Rough-legged Hawk		c	-	c	c
___ Golden Eagle*		u	u	u	u

FALCONS		Sp	S	F	W
___ American Kestrel*		c	c	c	c
___ Merlin		u	-	u	u
___ Peregrine Falcon		r	r	r	r
___ Prairie Falcon*	TL,LK,KM	u	u	u	u

PHEASANTS and PARTRIDGES		Sp	S	F	W
___ Chukar*	TL	r	r	r	r
___ Ring-necked Pheasant*	TL,LK	c	c	c	c

GROUSE		Sp	S	F	W
___ Ruffed Grouse*	UK	u	u	u	u

___ Greater Sage-Grouse*	CL	r	r	r	r
___ Blue Grouse*	KM	u	u	u	u
TURKEYS		Sp	S	F	W
___ Wild Turkey		u	u	u	u
QUAIL		Sp	S	F	W
___ Mountain Quail*	BV,UK	u	u	u	u
___ California Quail*	TL,BV	c	c	c	c
RAILS AND COOTS		Sp	S	F	W
___ Yellow Rail*	KM,UK	r	r	-	-
___ Virginia Rail*		u	u	u	r
___ Sora*		u	u	u	r
___ American Coot*		a	a	a	c
CRANES		Sp	S	F	W
___ Sandhill Crane*	LK,KM	u	u	u	r
PLOVERS		Sp	S	F	W
___ Black-bellied Plover	LK	u	r	u	-
___ American Golden Plover	LK	r	-	r	-
___ Snowy Plover*	LK	r	r	r	-
___ Semipalmated Plover	LK	u	r	u	-
___ Killdeer*	LK	c	c	c	u
STILTS AND AVOCETS		Sp	S	F	W
___ Black-necked Stilt*		c	c	u	-
___ American Avocet*		c	c	c	r
SNIPES, SANDPIPERS and OTHER SHOREBIRDS		Sp	S	F	W
___ Greater Yellowlegs		c	u	c	r
___ Lesser Yellowlegs		u	u	u	-
___ Solitary Sandpiper		r	-	r	-
___ Willet*	LK	c	c	u	-
___ Spotted Sandpiper*		u	u	u	-
___ Whimbrel	LK	r	r	r	-
___ Long-billed Curlew*	LK,KM	u	u	u	-
___ Marbled Godwit	LK	u	-	u	-
___ Ruddy Turnstone	TL,LK	r	-	r	-
___ Red Knot	TL,LK	r	-	-	-
___ Sanderling	TL,LK	r	r	r	-
___ Semipalmated Sandpiper		r	-	r	-
___ Western Sandpiper	LK	a	c	a	-
___ Least Sandpiper	LK	a	c	a	-
___ Baird's Sandpiper	LK	u	r	u	-
___ Pectoral Sandpiper	LK	r	u	u	-

___ Dunlin	LK	c	r	u	r
___ Short-billed Dowitcher	LK	u	r	r	-
___ Long-billed Dowitcher	LK	c	c	c	-
___ Wilson’s Snipe (Common Snipe)*	LK,KM	u	u	u	r
___ Wilson's Phalarope*	LK,KM	c	c	u	-
___ Red-necked Phalarope	TL,LK,KM	u	u	u	-

GULLS AND TERNS		Sp	S	F	W
___ Franklin's Gull*	LK	u	u	r	-
___ Bonaparte's Gull		u	u	u	-
___ Mew Gull		-	-	-	r
___ Ring-billed Gull*		c	a	a	c
___ California Gull*		c	c	c	u
___ Herring Gull		u	-	u	u
___ Thayer's Gull		-	-	r	r
___ Glaucous-winged Gull		-	-	r	r
___ Caspian Tern*	CL,TL,LK	c	c	u	-
___ Common Tern	TL,LK	-	-	r	-
___ Forster's Tern*		c	c	c	-
___ Black Tern*		c	c	u	-

DOVES, PIGEONS		Sp	S	F	W
___ Rock Pigeon*	TL	u	u	u	u
___ Mourning Dove*		c	c	c	r

BARN OWLS		Sp	S	F	W
___ Barn Owl*		c	c	c	c

OWLS		Sp	S	F	W
___ Flammulated Owl*	UK	-	r	-	-
___ Western Screech-Owl*	BV,UK,KM	r	r	r	r
___ Great Horned Owl*		c	c	c	c
___ Northern Pygmy-Owl*	BV,UK,KM	u	u	u	u
___ Burrowing Owl*	TL	r	r	r	-
___ Spotted Owl*#	UK	r	r	r	r
___ Barred Owl*		r	r	r	r
___ Great Gray Owl*	UK,KM	r	r	r	r
___ Long-eared Owl*		r	r	r	r
___ Short-eared Owl*	TL,LK	u	u	u	u
___ Northern Saw-whet Owl*	BV,UK,KM	r	r	r	r

NIGHTHAWKS and POORWILLS		Sp	S	F	W
___ Common Nighthawk*		u	c	c	-
___ Common Poorwill*		u	u	u	-

SWIFTS		Sp	S	F	W
___ Vaux's Swift*		u	u	u	-

___ White-throated Swift*	TL	u	u	-	-
HUMMINGBIRDS		Sp	S	F	W
___ Black-chinned Hummingbird		r	-	-	-
___ Anna’s Hummingbird		r	r	-	-
___ Calliope Hummingbird*	BV,UK,KM	u	u	-	-
___ Rufous Hummingbird*	TL	u	u	u	-
KINGFISHERS		Sp	S	F	W
___ Belted Kingfisher*		u	u	u	u
WOODPECKERS		Sp	S	F	W
___ Lewis' Woodpecker*	BV,UK,KM	r	r	r	-
___ Acorn Woodpecker		u	u	u	u
___ Williamson's Sapsucker*	BV,UK,KM	u	u	u	u
___ Red-naped Sapsucker*	UK,KM	r	r	r	r
___ Red-breasted Sapsucker*	UK,KM	u	u	u	r
___ Downy Woodpecker*	BV,UK,KM	u	u	u	u
___ Hairy Woodpecker*	BV,UK,KM	u	u	u	u
___ White-headed Woodpecker*	BV,UK,KM	u	u	u	r
___ American Three-toed Woodpecker*		r	r	r	r
___ Black-backed Woodpecker*	UK,KM	r	r	r	r
___ Northern Flicker*		c	c	c	c
___ Pileated Woodpecker*	BV,UK,KM	u	u	u	u
FLYCATCHERS		Sp	S	F	W
___ Olive-sided Flycatcher*	BV,UK,KM	u	u	u	-
___ Western Wood-Pewee*	BV,UK,KM	c	c	u	-
___ Willow Flycatcher*	UK	u	u	u	-
___ Hammond's Flycatcher*	BV,UK	u	u	r	-
___ Gray Flycatcher*	CL	u	u	u	-
___ Dusky Flycatcher*	BV,UK,KM	u	u	r	-
___ Pacific-slope/Cordilleran Flycatcher*^	KM	r	r	r	-
___ Black Phoebe		r	-	-	-
___ Say's Phoebe*	TL	c	u	c	r
___ Ash-throated Flycatcher*	CL,TL	u	u	u	-
___ Western Kingbird*	TL	c	c	u	-
SHRIKES		Sp	S	F	W
___ Loggerhead Shrike*	TL	c	c	c	u
___ Northern Shrike	TL,KM	r	-	u	u
VIREOS		Sp	S	F	W
___ Cassin’s Vireo*	BV,UK,KM	u	u	u	-
___ Warbling Vireo*	BV,UK,KM	c	c	u	-

JAYS, MAGPIES, RAVENS and CROWS		Sp	S	F	W
___ Gray Jay*	UK,KM	r	r	r	r
___ Steller's Jay*	BV,UK,KM	c	c	c	c
___ Western Scrub Jay*	CL,TL	u	u	u	u
___ Pinyon Jay*	CL	r	r	r	r
___ Clark's Nutcracker*	UK,KM	r	r	r	r
___ Black-billed Magpie*	TL	c	c	c	c
___ American Crow		r	r	r	-
___ Common Raven*		c	c	c	c

LARKS		Sp	S	F	W
___ Horned Lark*	CL,TL,LK	c	c	c	c

MARTINS and SWALLOWS		Sp	S	F	W
___ Purple Martin		u	u	u	-
___ Tree Swallow*		c	c	c	-
___ Violet-green Swallow*		u	u	u	-
___ Northern Rough-winged Swallow*			u	u	u -
___ Bank Swallow*		u	u	u	-
___ Cliff Swallow*	LK	a	a	u	-
___ Barn Swallow*	TL	c	c	c	-

CHICKADEES AND TITMICE		Sp	S	F	W
___ Black-capped Chickadee*	UK	r	r	r	r
___ Mountain Chickadee*	BV,UK,KM	c	c	c	c
___ Chestnut-backed Chickadee*	UK	u	u	u	u
___ Oak/Juniper Titmouse^	CL	u	u	u	u

BUSHTITS		Sp	S	F	W
___ Bushtit*		u	u	u	r

NUTHATCHES		Sp	S	F	W
___ Red-breasted Nuthatch*	BV,UK,KM	c	c	c	u
___ White-breasted Nuthatch*	BV,UK,KM	u	u	u	u
___ Pygmy Nuthatch*	BV,UK,KM	u	u	u	u

CREEPERS		Sp	S	F	W
___ Brown Creeper*	BV,UK,KM	u	u	u	u

WRENS		Sp	S	F	W
___ Rock Wren*	CL,TL	u	u	u	r
___ Canyon Wren*	CL,TL	u	u	u	u
___ Bewick's Wren*		u	u	u	u
___ House Wren*		u	u	u	-
___ Winter Wren*		u	u	u	u
___ Marsh Wren*	LK,UK,TL	c	c	c	u

DIPPERS		Sp	S	F	W
___ American Dipper*		r	r	r	r

KINGLETS		Sp	S	F	W
___ Golden-crowned Kinglet*	BV,UK,KM	c	c	c	c
___ Ruby-crowned Kinglet*		c	r	c	r

GNATCATCHERS		Sp	S	F	W
___ Blue-gray Gnatcatcher*		u	u	-	-

THRUSHES, BLUEBIRDS and SOLITAIRES		Sp	S	F	W
___ Western Bluebird*		u	r	u	r
___ Mountain Bluebird*	KM	u	u	u	u
___ Townsend's Solitaire*	TL,BV	u	u	c	c
___ Swainson's Thrush*		r	r	r	-
___ Hermit Thrush*	BV,UK	u	u	u	r
___ American Robin*		c	c	c	c
___ Varied Thrush	KM,UK	r	-	r	r

WRENTIT		Sp	S	F	W
___ Wrentit		r	r	r	r

MOCKINGBIRDS and THRASHERS		Sp	S	F	W
___ Sage Thrasher*	CL	u	u	u	r

STARLING		Sp	S	F	W
___ European Starling*		c	c	c	c

PIPITS		Sp	S	F	W
___ American Pipit		u	-	u	r

WAXWINGS		Sp	S	F	W
___ Bohemian Waxwing		r	-	r	r
___ Cedar Waxwing*		u	u	u	r

WOOD WARBLERS		Sp	S	F	W
___ Orange-crowned Warbler*	UK,BV	c	c	c	-
___ Nashville Warbler*	UK	c	c	u	-
___ Yellow Warbler*		u	u	u	-
___ Yellow-rumped Warbler*	BV,UK	c	c	c	r
___ Black-throated Gray Warbler*		r	r	r	-
___ Townsend Warbler	UK	u	-	u	-
___ Hermit Warbler*	BV,UK	c	c	u	-
___ MacGillivray's Warbler*	UK	c	c	u	-
___ Common Yellowthroat*	UK	u	u	u	-
___ Wilson's Warbler*	UK	c	c	u	-
___ Yellow-breasted Chat	TL	r	-	-	-

TANAGERS		Sp	S	F	W
___ Western Tanager*	UK,KM	c	c	u	-

TOWHEES, SPARROWS and BUNTINGS		Sp	S	F	W
___ Green-tailed Towhee*	BV,UK	u	u	r	-
___ Spotted Towhee*		c	c	c	u
___ California Towhee*	TL	u	u	u	u
___ American Tree Sparrow	TL,LK	r	-	r	r
___ Chipping Sparrow*	BV	u	u	u	-
___ Brewer's Sparrow*	CL	c	c	c	-
___ Vesper Sparrow*	KM,CL,LK	u	u	u	-
___ Lark Sparrow*		u	u	u	-
___ Black-throated Sparrow		r	r	-	-
___ Sage Sparrow*	CL	r	r	-	-
___ Savannah Sparrow*		c	c	c	u
___ Fox Sparrow*	BV,UK	u	u	u	r
___ Song Sparrow*		c	c	c	c
___ Lincoln's Sparrow*		u	u	u	r
___ White-throated Sparrow		r	-	r	r
___ Harris' Sparrow		r	-	r	r
___ White-crowned Sparrow		c	-	c	u
___ Golden-crowned Sparrow		c	-	c	u
___ Dark-eyed Junco*	UK,KM	c	c	c	c
___ Lapland Longspur	TL,LK	u	-	u	u
___ Snow Bunting	TL,LK	r	-	r	r

GROSBEAKS		Sp	S	F	W
___ Black-headed Grosbeak*	UK	c	c	u	-
___ Lazuli Bunting*		u	u	u	-

BLACKBIRDS, MEADOWLARKS and ORIOLES		Sp	S	F	W
___ Red-winged Blackbird*	TL,LK	a	a	a	a
___ Tricolored Blackbird*	TL,LK	c	c	u	r
___ Western Meadowlark*	TL,LK	c	c	c	c
___ Yellow-headed Blackbird*	TL,LK	c	c	c	u
___ Brewer's Blackbird*	TL,LK	a	a	a	c
___ Brown-headed Cowbird*		c	c	c	r
___ Bullock's Oriole (Northern Oriole)*	TL,LK	c	c	u	-

FINCHES		Sp	S	F	W
___ Gray-crowned Rosy-Finch		-	-	-	r
___ Purple Finch*	UK,KM	u	u	u	u
___ Cassin's Finch*	UK,KM	u	u	u	u
___ House Finch*		c	c	c	c
___ Red Crossbill*	KM	u	u	u	u
___ Pine Siskin*	UK,KM	u	u	u	u
___ Lesser Goldfinch*	TL	u	u	u	u

___ American Goldfinch*		u	u	u	u
___ Evening Grosbeak*	BV	u	u	u	u
HOUSE SPARROWS		Sp	S	F	W
___ House Sparrow*	TL	c	c	c	c

Casual and Accidental Bird Species

This separate list of birds indicates species which are extremely rare to the point of **not** being observed every year in the Klamath Basin. Any observation of a species on this list should be thoroughly documented to be considered a valid sighting. Observations of birds on this list should be reported to the Klamath Basin Audubon Birding Hotline at (541) 850-3805. Species on the casual/accidental list which are highlighted with a plus symbol (+) have been observed only one to three times in the past 25 years and their reappearance in the Klamath Basin in the future should be considered problematic.

+ Red-throated Loon
+ Yellow-billed Loon
Little Blue Heron
Whooper Swan
+ American Black Duck
+Garganey
+ Baikal Teal
+ Tufted Duck
Harlequin Duck
Gyrfalcon
+ Black Scoter
Common Moorhen
+ Mountain Plover
+ Wandering Tattler
Upland Sandpiper
Hudsonian Godwit
+ Black Turnstone
+ White-rumped Sandpiper
+ Sharp-tailed Sandpiper
+ Curlew Sandpiper
Stilt Sandpiper
+ Buff-breasted Sandpiper
Ruff
+ Red Phalarope
Parasitic Jaeger
Long-tailed Jaeger
+ Laughing Gull
Heermann's Gull
Western Gull
+ Glaucous Gull
Sabine's Gull
Black-legged Kittiwake
Common Tern
+ Arctic Tern
+ Band-tailed Pigeon
+ Yellow-billed Cuckoo
+ Snowy Owl
+ Boreal Owl
Costa's Hummingbird
Broad-tailed Hummingbird
+ Yellow-bellied Sapsucker
+ Least Flycatcher
+ Eastern Phoebe
Black Phoebe
Eastern Kingbird
+ Bell's Vireo
+ Plumbeous Vireo
+ Hutton's Vireo
+ Red-eyed Vireo
+ Blue Jay
+ Gray Catbird
+ Northern Mockingbird
+ Brown Thrasher
+ Tennessee Warbler
+ Virginia's Warbler
+ Northern Parula
+ Chestnut-sided Warbler
+ Bay-breasted Warbler
+ Blackpoll Warbler
+ Black-and-white Warbler
+ American Redstart
+ Prothonotary Warbler

+ Ovenbird
+ Northern Waterthrush
+ Hooded Warbler
+ Black-chinned Sparrow
+ Lark Bunting
Grasshopper Sparrow
Swamp Sparrow
McCown’s Longspur
+ Chestnut-collared Longspur
+ Rose-breasted Grosbeak
+ Bobolink
+ Common Grackle
Great-tailed Grackle
+ Hooded Oriole
Pine Grosbeak
+ White-winged Crossbill
Common Redpoll

MAMMALS

The sighting likelihood of any particular species is dependent upon many factors including its size, color, habitat preference, relative abundance, and behavior. Generally, wild mammals are not as readily observable as birds due to their often secretive and nocturnal habits.

The following list contains 78 species that are known or suspected to occur in the Klamath Basin. For easy reference it is categorized by family in accordance with *Mammal Species of the World* (Honacki, et al.,1982). The common names and their order follow the *Revised Checklist of North American Mammals North of Mexico* (Jones, et al., 1982).

SORICIDAE - Shrews
Vagrant Shrew
Water Shrew
Pacific Water Shrew
Trowbridge's Shrew
Merriam's Shrew

TALPIDAE - Moles
Shrew-Mole
Broad-footed Mole

VESPERTILIONIDAE - Vesper Bats
Little Brown Myotis
Yuma Myotis
Long-eared Myotis
Fringed Myotis
Long-legged Myotis
California Myotis
Small-footed Myotis
Silver-haired Bat
Western Pipistrelle
Big Brown Bat
Hoary Bat
Townsend's Big-eared Bat
Pallid Bat

MOLOSSIDAE - Free-tailed Bats
Brazilian Free-tailed Bat

CANIDAE - Coyote, Foxes, and Allies
Coyote
Red Fox
Gray Fox

URSIDAE - Bears
Black Bear

PROCYONIDAE - Ringtails, Raccoons
Ringtail
Raccoon

MUSTELIDAE - Weasels, Skunks, and Allies
Fisher
Marten
Short-tailed Weasel (Ermine)
Long-tailed Weasel
Mink
Badger
Western Spotted Skunk
Striped Skunk
River Otter

FELIDAE - Cats
Mountain Lion
Bobcat

CERVIDAE - Elk, Deer, and Allies
Elk
Mule Deer
Blacktail Deer and/or Blacktail-Mule hybrids in Klamath County and Foothills

BOVIDAE - Ungulates
Pronghorn (Antelope)

SCIURIDAE - Squirrels
Least Chipmunk
Yellow-pine Chipmunk
Allen's Chipmunk
Yellow-bellied Marmot
Belding's Ground Squirrel
California Ground Squirrel
Golden-mantled Ground Squirrel
Western Gray Squirrel
Douglas' Squirrel
Northern Flying Squirrel

GEOMYIDAE - Pocket Gophers
Botta's Pocket Gopher
Northern Pocket Gopher
Western Pocket Gopher

HETEROMYIDAE - Pocket Mice and Kangaroo Rats
Great Basin Pocket Mouse
California Kangaroo Rat

CASTORIDAE - Beaver
Beaver

CRICETIDAE - Deer Mice, Wood Rats and Allies
Western Harvest Mouse
Deer Mouse
Canyon Mouse
Brush Mouse
Pinon Mouse
Northern Grasshopper Mouse
Dusky-footed Woodrat
Bushy-tailed Woodrat

ARVICOLIDAE - Voles and Allies
Montaine Vole
Long-tailed Vole
Sagebrush Vole
Muskrat

MURIDAE - Old World Rats and Mice
Norway Rat
House Mouse

ZAPODIDAE - Jumping Mice
Western Jumping Mouse

ERETHIZONTIDAE - Porcupine
Porcupine

OCHOTONIDAE - Pikas
Pika

LEPORIDAE - Rabbits and Hares
Nuttall's Cottontail
Snowshoe Hare
White-tailed Jackrabbit
Black-tailed Jackrabbit

AMPHIBIANS AND REPTILES

A variety of reptiles and amphibians are found in the Klamath Basin. Amphibians prefer marshes, ditches, and streams while reptiles are usually found in grassy, rocky, dry upland areas. These creatures are usually secretive by nature and require an effort on the visitor's part to be seen. They are only seen from spring through fall, choosing to hibernate during the winter. Amphibians are best heard and observed during their breeding seasons. Amphibians can be very habitat specific but some such as the Pacific Chorus Frog are common in many wetland areas. Snakes are often present but may be difficult to see due to their secretive habits. The Western Rattlesnake and the Night Snake are the only venomous reptiles present in the Basin. Visitors should be aware of their presence but not become overly concerned as they are uncommon and normally not aggressive. If known, the likelihood of observing any of the amphibians and reptiles listed below in appropriate habitats and seasons is indicated in parenthesis following the species name.

AMPHIBIANS

Long-toed Salamander (common)
Rough-skinned Newt (rare)
Great Basin Spadefoot (rare)
Cascade Frog (rare)
Oregon Spotted Frog (uncommon)
Western Toad (common)
Pacific Treefrog (common)
Bullfrog (common)

REPTILES

Western Pond Turtle (common)
Short-horned Lizard (uncommon)
Sagebrush Lizard (abundant)
Western Fence Lizard (abundant)
Side-blotched Lizard
Northern Alligator Lizard
Western Skink (common)
Rubber Boa (uncommon)
Racer (uncommon)
Ringneck Snake
Night Snake
Striped Whipsnake (rare)
Gopher Snake (common)
Western Terrestrial Garter Snake (uncommon)
Common Garter Snake (common)
Western Rattlesnake (uncommon)

FISHES

A variety of fish species are present in the waters of the Klamath Basin. Many of these play an important role by serving as an abundant food source for the many fish-eating species in the Klamath Basin. The following fishes are listed by family in accordance with " Inland Fishes of California", Revised and Expanded, 2002 by Peter B. Moyle.

LAMPREYS
Pit-Klamath Brook Lamprey
Klamath Lake Lamprey
Klamath River Lamprey
Miller Lake Lamprey

STURGEONS
White Sturgeon

TROUTS
Redband Trout
Brown Trout
Brook Trout
Kokanee Salmon
Bull Trout #

MINNOWS
Tui Chub
Blue Chub
Fathead Minnow
Speckled Dace
Goldfish
Golden Shiner

SUCKERS
Lost River Sucker #
Klamath Largescale Sucker
Shortnose Sucker #
Klamath Smallscale Sucker

CATFISHES
Brown Bullhead
Black Bullhead
Yellow Bullhead
Channel Catfish

SUNFISHES
Sacramento Perch
Green Sunfish
Pumpkinseed
Bluegill
Largemouth Bass
White Crappie
Black Crappie

PERCHES
Yellow Perch

SCULPINS
Klamath Lake Sculpin
Marbled Sculpin
Slender Sculpin

LIVEBEARERS
Mosquitofish