VERTEBRATES OF CONSERVATION CONCERN ON THE PITCHFORK RANCH

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KNOWN TO OCCUR
Yellowstone cutthroat trout (Oncorhynchus clarki bouvieri) - Genetically pure populations documented by C. Kruse, as outlined in previous memo.

Northern leopard frog (Rana pipiens)

Common loon (Gavia immer) - Two independent observations on Sunshine reservoir, and one observation on a small, unnamed reservoir nearby. All observations during migratory period; probably a stopover area, not a breeding site.

White-tailed prairie dog (Cynomys ludovicianus) - Ranch population depressed by sylvatic plague; marginal habitat.

Grizzly bear (Ursus arctos)

LIKELY TO OCCUR
Rubber boa (Charina bottae)

Northern goshawk (Accipiter gentilis)

Merlin (Falco columbarius)

Burrowing owl (Athene cunicularia)

Sage sparrow (Amphispiza belli)

Water vole (Microtus richardsoni)

Gray wolf (Canis lupus) - Currently, the ranch is probably used by subadults exported from packs to the west; pack occupation of ranch in near future is possible as population expands.

River otter (Lontra canadensis)

Wolverine (Gulo gulo)
POSSIBLY OCCUR (several waterbirds listed due to potential breeding habitat on and near Sunshine Reservoir; note that other sensitive waterbirds may use the reservoir during migration)

Boreal western toad [northern Rockies population] (*Bufo boreas boreas*)

Columbia spotted frog (*Rana luteiventris*)

Clark's grebe (*Aechmophorus clarkii*)

American bittern (*Botaurus lentiginosus*)

White-faced ibis (*Plegadus chihi*)

Bufflehead (*Bucephala albeola*)

Harlequin duck (*Histrionicus histrionicus*)

Bald eagle (*Haliaeetus leucocephalus*) - Probably both breeding and wintering habitat available.

Peregrine falcon (*Falco peregrinus*) - Suitable nest cliffs appear absent on map; if waterbirds concentrate on the reservoir, it may serve as a falcon migration stopover.

Mountain plover (*Charadrius montanus*) - Habitat appears marginal from map.

Long-billed curlew (*Numenius americanus*)

Wilson's phalarope (*Phalaropus tricolor*)

Short-eared owl (*Asio flammeus*)

Boreal owl (*Aegolius funereus*) - Unlikely unless there are substantial conifer stands at upper elevations.

Rufous hummingbird (*Selasphorus rufus*)

Calliope hummingbird (*Stellula calliope*)

Three-toed woodpecker (*Picoides tridactylus*)

Black-backed woodpecker (*Picoides arcticus*)

Hammond's flycatcher (*Empidonax hammondi*)

Golden-crowned kinglet (*Regulus satrapa*) - Unlikely unless ranch supports large stands of spruce.
Brewer’s sparrow (*Spizella breweri*)

McCown's longspur (*Calcarius mccowni*) - Marginal habitat.

Bobolink (*Dolichonyx oryzivorus*)

White-winged crossbill (*Loxia leucoptera*) - Unlikely unless there are substantial conifer stands.

Dwarf shrew (*Sorex nanus*)

Preble's shrew (*Sorex preblei*) - No documented occurrences near ranch, but suitable habitat exists. Species' now thought more widespread than previously.

Long-eared myotis (*Myotis evotis*)

Hoary bat (*Lasiurus cinereus*)

Spotted bat (*Euderma maculatum*)

Townsend's big-eared bat (*Corynorhinus townsendii*)

Western spotted skunk (*Spilogale gracilis*)

Canada lynx (*Lynx canadensis*)