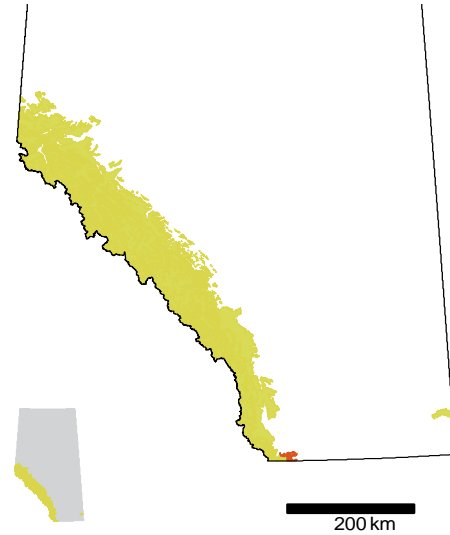


Rocky Mountain

CRITERION

- 1 Contains 36 element(s) of conservation concern
- 2 Contains rare or unique landforms
Mokowan Butte erosional remnants
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane	Oldman River
Parkland	Foothills Parkland	
Grassland	Foothills Fescue	

Area:
20,398.9 hectares
204.0 km ²
Density of Human Features:
Well 0.05 heads/km ²
Road 0.56 km/km ²
Pipeline 0.10 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Amphibians and Reptiles

Leopard frog

Birds

Black-headed grosbeak

Calliope hummingbird

Ferruginous hawk

Hooded merganser

Trumpeter swan

Fish

River shiner

Insects

Pale swallowtail

Striped meadowhawk

Mammals

Grizzly bear

Vascular Plants

Alpine foxtail

Blister sedge

Blue camas

Botrychium spathulatum

Conimitella williamsii

Geyer's onion

Large-flowered lungwort

Linear-leaved montia

Long-leaved arnica

Macloskey's violet

Male fern

Mallow-leaved ninebark

Melic grass

Mingan grape fern

Mountain hollyhock

Nodding trisetum

Northern bladderpod

Onion grass

Parry's sedge

Pasture sedge

Purple rattlesnakeroot

Slender cress

Tall trisetum

Wavy-leaved chickweed

Western blue flag

Woodland brome

Woollen-breeches

Vegetation Communities

Limber pine / common bearberry
- creeping juniper

MUNICIPALITIES

Cardston County

Improvement District No. 4
(Waterton)

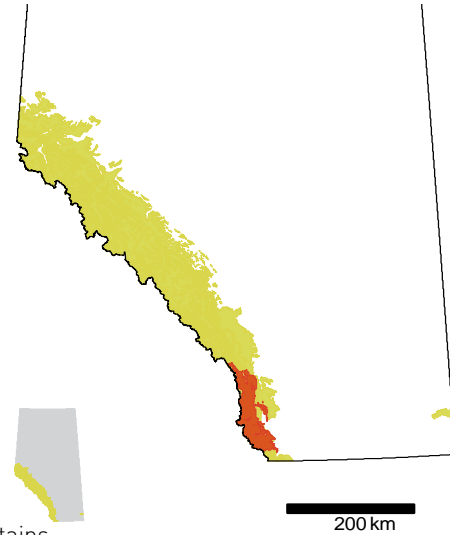
Rocky Mountain

CRITERION

1 Contains 253 element(s) of conservation concern

2 Contains rare or unique landforms

- Barnaby Ridge Area patterned ground
- Beaver Mines Area valleys, v-shaped valleys
- Beaver Mines Area volcanic rocks
- Coleman Area volcanic rocks
- Crowsnest Lake Area karst springs
- Crowsnest Mountain klippes
- Crowsnest Pass flatirons
- Drywood Mountain Area hanging valleys
- Lundbreck Area hogbacks
- Lundbreck Area river terraces, rock-cut terraces
- Ma Butte Area volcanic rocks
- Newman Peak Area volcanic rocks
- Plateau Mountain Area limestone pavement
- Thunder Mountain Area water gaps
- Turtle Mountain Area rock falls
- West Castle Mountain mountains, castellated mountains



3 Contains habitat for focal species

4 Contains important wildlife habitat

5 Contains riparian areas

- a** Contains headwater streams
- b** Contains intact riparian areas
- c** Contains riparian areas along the six major rivers

6 Contains large natural areas

7 Contains sites of recognized significance

ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky	Subalpine	Oldman River
Mountain Grassland	Montane	Bow River
Parkland	Alpine	
	Foothills Fescue	
	Foothills Parkland	

Area:
398,552.0 hectares
3,985.5 km ²
Density of Human Features:
Well 0.05 heads/km ²
Road 0.33 km/km ²
Pipeline 0.11 km/km ²

Amphibians and Reptiles

Leopard frog

Birds

Black-headed grosbeak

Cassin's finch

Ferruginous hawk

Trumpeter swan

Insects

Acadian hairstreak

Arrowhead blue

Astarte fritillary

Blue copper

Blue copper

Bronze copper

Gillette's checkerspot

Henry's copper

Icarioides blue

Little copper

Lorquin's admiral

Moss's elfin

Oreas anglewing

Pacific forktail

Pacific fritillary

Pale swallowtail

Purple azure

Sheridan's green hairstreak

Striped meadowhawk

Sylvan hairstreak

Thicket hairstreak

Woodland skipper

Liverworts

Athalamia hyalina

Chiloscyphus pallescens

Conocephalum conicum

Diplophyllum taxifolium

Jungermannia atrovirens

Jungermannia sphaerocarpa

Lophozia ascendens

Pellia epiphylla

Pellia neesiana

Porella cordaeana

Porella platyphylla

Radula complanata

Scapania curta

Scapania cuspiduligera

Scapania subalpina

Mammals

Grizzly bear

Red-tailed chipmunk

Wandering shrew

Mosses

Alpine broom moss

Alpine curly heron's bill moss

Alpine grimmia

Alpine lemming moss

Atrichum selwynii

Aulacomnium androgynum

Brachythecium plumosum

Brachythecium reflexum

Broken-leaf moss

Bryum amblyodon

Bryum calobryoides

Bryum calophyllum

Buxbaumia piperi

Cirriphyllum cirrosum

Common extinguisher moss

Curl-leaved fork moss

Desmatodon leucostoma

Desmatodon systylius

Dichodontium olympicum

Didymodon vinealis

Donian beardless moss

Donian grimmia

Drepanocladus crassicosatus

Encalypta brevicolla

Encalypta spathulata

Fissidens limbatus

Flagon-fruited splachnum

Fontinalis antipyretica

Fontinalis neomexicana

Globe-fruited splachnum

Green shield moss

Homalothecium nevadense

Hygrohypnum styriacum

Large-fruited splachnum

Leskeella nervosa

Long-stalked beardless moss

Mnium ambiguum

Mountain forest grimmia

Myurella tenerrima

Orthotrichum pallens

Orthotrichum pumilum

Pohlia longicolla

Pseudoleskea patens

Pseudoleskea stenophylla

Pterygoneurum subsessile

Racomitrium sudeticum

Rhizomnium magnifolium

Rhizomnium nudum

Rhytidiadelphus squarrosus

Rigid screw moss

Schistidium pulvinatum

Scouleria aquatica

Seligeria campylopoda

Silky fork moss

Spreading fringe moss

Sun grimmia

Twisted-leaved grimmia

Urn moss

Urn-like pogonatum

Vascular Plants

Alpine foxtail

Alpine harebell

Alpine spleenwort

ELEMENTS OF CONSERVATION CONCERN (continued)

Alpine townsendia	Gaston's cliff brake	Nodding trisetum
Ascending grape fern	Geyer's onion	Onion grass
Awnless trisetum	Glacier sedge	Pacific bluegrass
Back's sedge	Ground-fir	Pale alpine fleabane
Big sagebrush	Hairy buttercup	Pale blue-eyed grass
Bitter-root	Hairy cinquefoil	<i>Papaver pygmaeum</i>
Blue camas	Hawk's-beard	Parry's rush
Blue suksdorfia	Intermediate hawk's-beard	Pasture sedge
<i>Bluegrass</i>	<i>Jones' columbine</i>	Pathfinder
<i>Botrychium michiganense</i>	Lance-leaved grape fern	<i>Pellaea glabella ssp simplex</i>
<i>Botrychium pinnatum</i>	Lance-leaved lungwort	Pinesap
<i>Botrychium spathulatum</i>	Large-flowered brickellia	Pink false dandelion
Broad-lipped twayblade	Large-flowered lungwort	Porsild's whitlow-grass
Broad-scaled sedge	Large-leaved lupine	Prairie false dandelion
Broom sedge	Least knotweed	Presl sedge
Browned sedge	Least lupine	Purple sedge
Canada brome	Lemmon's rock cress	Purple sweet cicely
<i>Carex cordillerana</i>	Limber pine	Ragwort
<i>Conimitella williamsii</i>	Linanthus	Regel's rush
Corymbose everlasting	Linear-leaved scorpionweed	Rockstar
Creeping fleabane	Little rice grass	Salt-marsh sand spurry
<i>Draba densifolia</i>	Low willowherb	<i>Saxifraga ferruginea</i>
<i>Draba longipes</i>	Low yellow evening-primrose	<i>Saxifraga odontoloma</i>
Dwarf bitter-root	Lyall's scorpionweed	Scented everlasting
Early buttercup	Macloskey's violet	Scribner's wheat grass
Eaton's aster	Marsh felwort	Shrubby beardtongue
<i>Epilobium clavatum</i>	Meadow aster	<i>Sitka romanzoffia</i>
<i>Epilobium glaberrimum ssp fastigiatum</i>	Melic grass	Slender bog orchid
<i>Epilobium lactiflorum</i>	<i>Mimulus tilingii</i>	Slender cress
<i>Festuca subulata</i>	Mingan grape fern	Slender hair grass
Few-flowered salt-meadow grass	Mountain cress	Slender phlox
Field grape fern	Mountain hollyhock	Small baby-blue-eyes
Flame-colored lousewort	Mountain lady's-slipper	Small yellow monkeyflower
Fleabane	Mountain trisetum	Small-flowered rockstar
Fringe-cups	Nevada rush	Small-leaved montia
Front-range fleabane	Nodding arnica	Smooth-leaved cinquefoil
	Nodding scorzonella	Spike redtop
		Spreading stonecrop

ELEMENTS OF CONSERVATION CONCERN (continued)

Steller's rock brake	Vegetation Communities
Stem-clasping arnica	Aspen / thimbleberry
Straight-leaf moonwort	Balsam poplar - aspen / alpine foxtail - bluejoint
Suksdorfia	Big sagebrush - alder-leaved buckthorn
Tall trisetum	Big sagebrush - saskatoon
Tiny-flowered fescue	Douglas-fir - limber pine / ground juniper / mountain rough fescue
Trifid-leaved fleabane	Drummond's willow / bluejoint
Tufted tall manna grass	Limber pine scree woodland
Two-leaved Bedstraw	Subalpine fir - limber pine - aspen / veiny meadow rue
<i>Viola praemorsa ssp linguifolia</i>	Subalpine fir - whitebark pine - Engelmann spruce / crowberry
Water speedwell	Western larch / thimbleberry
Waterpod	Whitebark pine / ground juniper - common bearberry
Watson's knotweed	
Wavy-leaved chickweed	
Western false-asphodel	
Western fescue	
Western larch	
Western maidenhair fern	
Western red cedar	
Western ribgrass	
Western twayblade	
Whitebark pine	
White-veined wintergreen	
Woodland brome	
Woollen-breeches	
Wyeth's lupine	

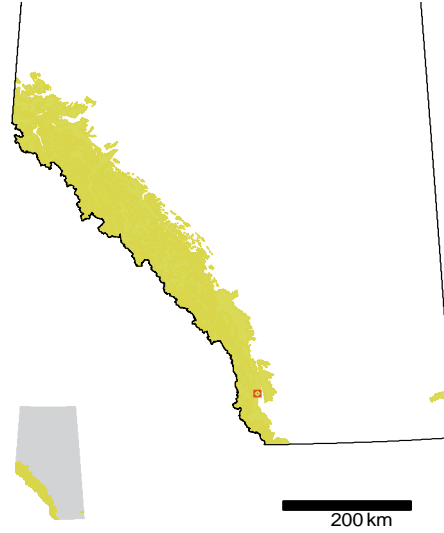
MUNICIPALITIES

Municipal District of Pincher Creek No. 9	Municipality of Crowsnest Pass
Municipal District of Ranchland No. 66	Municipal District of Foothills No. 31
Kananaskis Improvement District	Improvement District No. 4 (Waterton)

Rocky Mountain

CRITERION

- 1 Contains 0 element(s) of conservation concern
- 2 Contains rare or unique landforms
Lundbreck Area hogbacks
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance




ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane	River Basin(s): Oldman River
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Area:
64.3 hectares
0.6 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN



MUNICIPALITIES

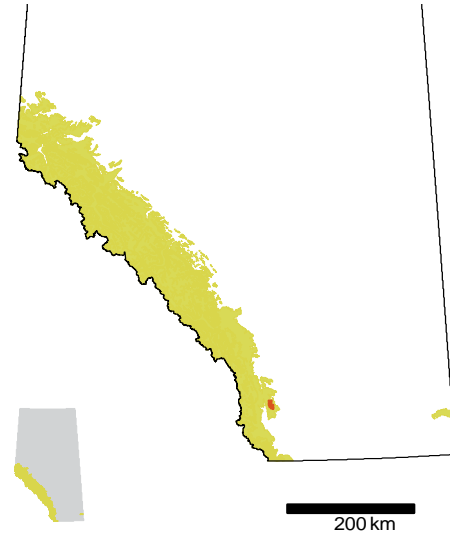
Municipal District of
Pincher Creek No. 9



Rocky Mountain

CRITERION

- 1 Contains 7 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain Grassland	Montane Foothills Fescue	Oldman River

Area:
9,290.6 hectares
92.9 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.50 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Amphibians and Reptiles

Leopard frog

Mosses

Aulacomnium androgynum

Broken-leaf moss

Jaffuelobryum wrightii

Pohlia atropurpurea

Vascular Plants

Eaton's aster

Vegetation Communities

Douglas-fir - limber pine /
ground juniper / mountain r
ough fescue

MUNICIPALITIES

Municipal District of
Willow Creek No. 26

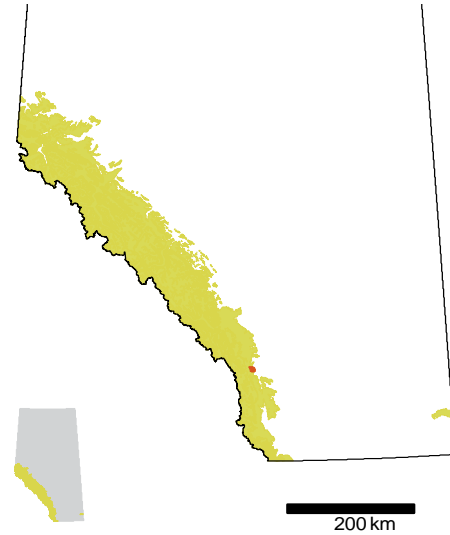
Municipal District of
Ranchland No. 66

Municipal District of
Pincher Creek No. 9

Rocky Mountain

CRITERION

- 1 Contains 0 element(s) of conservation concern
- 2 Contains rare or unique landforms
Pekisko Area crag-and-tail
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain Parkland	Natural Subregion(s): Montane Foothills Parkland	River Basin(s): Bow River
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Area:
6,775.7 hectares
67.8 km²

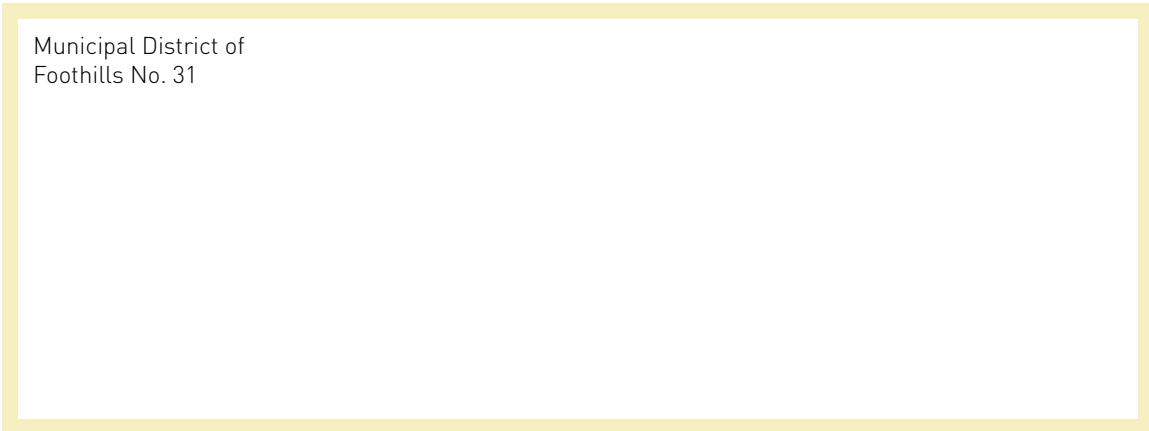
Density of Human Features:
Well 0.01 heads/km²
Road 0.43 km/km²
Pipeline 0 km/km²

ELEMENTS OF CONSERVATION CONCERN



MUNICIPALITIES

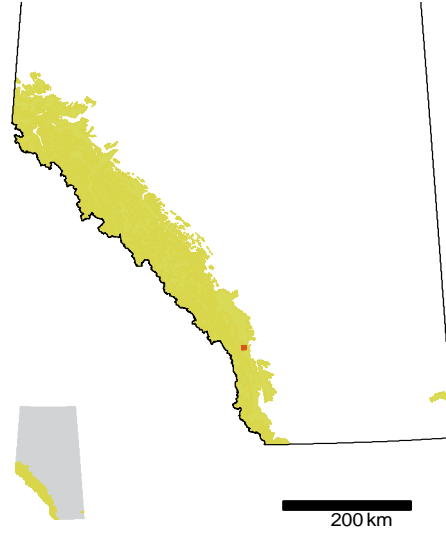
Municipal District of
Foothills No. 31



Rocky Mountain

CRITERION

- 1 Contains 1 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane	River Basin(s): Bow River
---	---	-------------------------------------

Area:
195.4 hectares
2.0 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0.89** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Mosses

Grimmia teretinervis

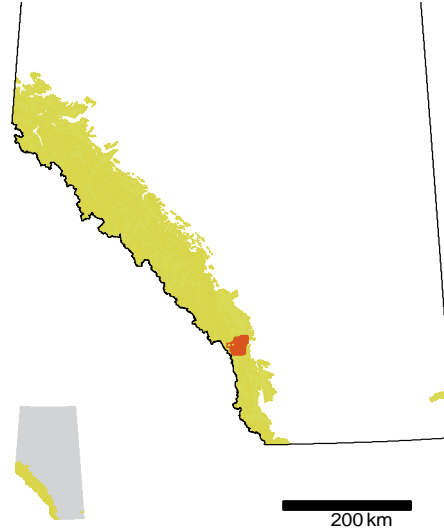
MUNICIPALITIES

Municipal District of
Foothills No. 31

Rocky Mountain

CRITERION

- 1 Contains 13 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Bluerock Wildland Provincial Park
 - Don Getty Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine Montane Alpine	Bow River

Area:
28,519.5 hectares
285.2 km ²
Density of Human Features:
Well 0.04 heads/km ²
Road 0.06 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Grizzly bear

Long-eared bat

Mosses

Alpine grimmia

Awl-leaved fork moss

Bryum algovicum

Desmatodon leucostoma

Homalothecium nevadense

Vascular Plants

Draba ventosa

Gaston's cliff brake

Long-leaved arnica

Pale alpine fleabane

Parry's rush

Scented everlasting

Scribner's wheat grass

MUNICIPALITIES

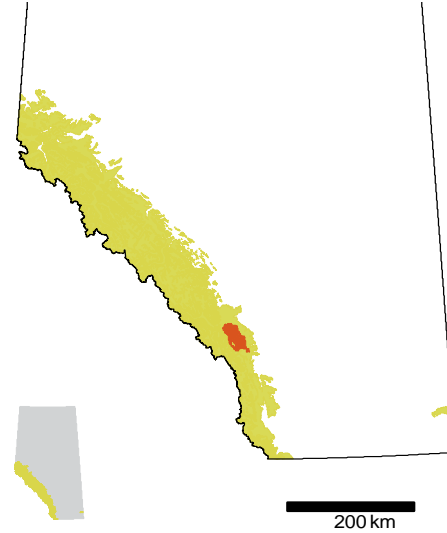
Kananaskis Improvement District

Municipal District of
Foothills No. 31

Rocky Mountain

CRITERION

- 1 Contains 45 element(s) of conservation concern
- 2 Contains rare or unique landforms
 - Kananaskis Country anticlinal mountains
 - Kananaskis Country karst caves, joint caves
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Bluerock Wildland Provincial Park
 - Don Getty Wildland Provincial Park
 - Elbow-Sheep Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane Subalpine Alpine	Bow River

Area:
94,799.1 hectares
948.0 km ²
Density of Human Features:
Well 0.08 heads/km ²
Road 0.26 km/km ²
Pipeline 0.07 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Birds	<i>Drepanocladus crassicosatus</i>
Calliope hummingbird	Fallacious screw moss
Insects	Globe-fruited splachnum
Astarte fritillary	<i>Homalothecium nevadense</i>
Little copper	<i>Hygroamblystegium tenax</i>
Sheridan's green hairstreak	<i>Jaffuelobryum raui</i>
Thicket hairstreak	<i>Mnium ambiguum</i>
Variiegated meadowhawk	<i>Philonotis marchica</i>
Liverworts	<i>Scouleria aquatica</i>
<i>Jungermannia atrovirens</i>	Sieve-toothed moss
Mammals	Vascular Plants
Grizzly bear	Alpine bladder catchfly
Long-eared bat	Broad-lipped twayblade
Mosses	Corymbose everlasting
<i>Amblyodon dealbatus</i>	Dwarf bulrush
<i>Aulacomnium androgynum</i>	Dwarf fleabane
Awl-leaved fork moss	Early buttercup
Broken-leaf moss	<i>Epilobium lactiflorum</i>
<i>Bryum algovicum</i>	Gaston's cliff brake
<i>Bryum muehlenbeckii</i>	Hairy cinquefoil
<i>Bryum turbinatum</i>	Hooker's cinquefoil
<i>Cirriphyllum cirrosum</i>	Mingan grape fern
<i>Cynodontium tenellum</i>	Northern bladderpod
<i>Dichelyma falcatum</i>	<i>Papaver radicum ssp kluanense</i>
<i>Didymodon subandreaeoides</i>	<i>Pellaea glabella ssp simplex</i>
Donian grimmia	Porsild's whitlow-grass

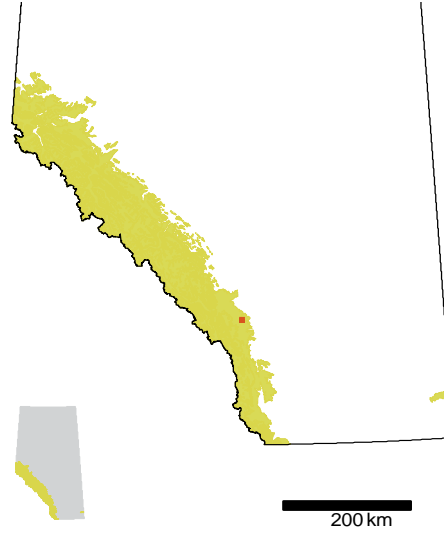
MUNICIPALITIES

- Kananaskis Improvement District
- Municipal District of Bighorn No. 8
- Municipal District of Foothills No. 31
- Municipal District of Rocky View No. 44

Rocky Mountain

CRITERION

- 1 Contains 5 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane	River Basin(s): Bow River
---	---	-------------------------------------

Area:
194.9 hectares
1.9 km²

Density of Human Features:
 Well **0** heads/km²
 Road **1.41** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Liverworts

Jungermannia atrovirens

Mosses

Broken-leaf moss

Bryum algovicum

Bryum muehlenbeckii

Bryum turbinatum

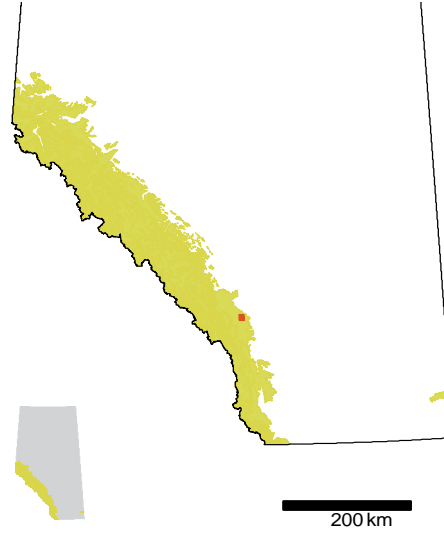
MUNICIPALITIES

Municipal District of
Foothills No. 31

Rocky Mountain

CRITERION

- 1 Contains 7 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane	River Basin(s): Bow River
---	---	-------------------------------------

Area:
328.7 hectares
3.3 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0.57** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Amphibians and Reptiles

Leopard frog

Birds

Calliope hummingbird

Mosses

Bryum algovicum

Vascular Plants

Capitate sedge

Meadow bitter cress

Mingan grape fern

Pale blue-eyed grass

MUNICIPALITIES

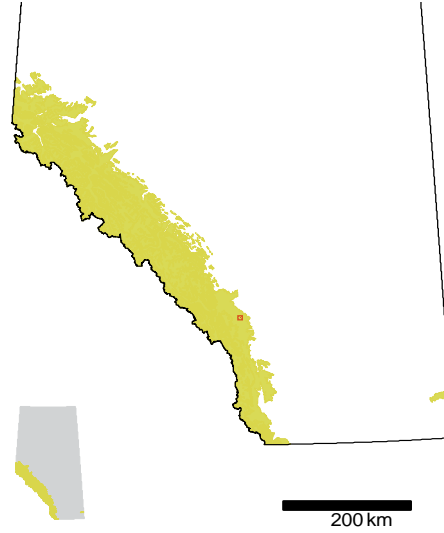
Municipal District of
Rocky View No. 44

Municipal District of
Foothills No. 31

Rocky Mountain

CRITERION

- 1 Contains 6 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane	River Basin(s): Bow River
---	---	-------------------------------------

Area:
66.3 hectares
0.7 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0.87** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Birds

Calliope hummingbird

Insects

Variegated meadowhawk

Vascular Plants

Capitate sedge

Meadow bitter cress

Mingan grape fern

Pale blue-eyed grass

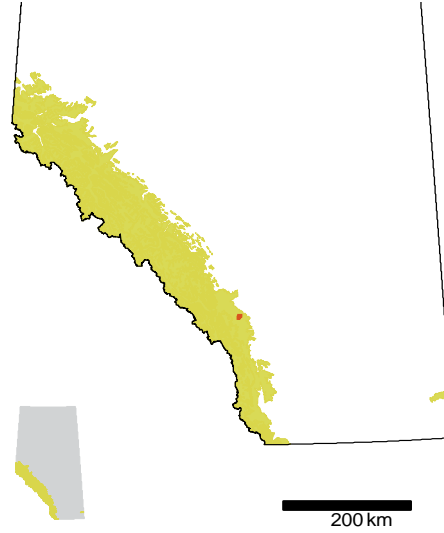
MUNICIPALITIES

Municipal District of
Rocky View No. 44

Rocky Mountain

CRITERION

- 1 Contains 6 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain Parkland	Natural Subregion(s): Montane Foothills Parkland	River Basin(s): Bow River
---	---	-------------------------------------

Area:
1,647.0 hectares
16.5 km²

Density of Human Features:
 Well **0.06** heads/km²
 Road **1.01** km/km²
 Pipeline **0.29** km/km²

ELEMENTS OF CONSERVATION CONCERN

Birds

Calliope hummingbird

Insects

Variegated meadowhawk

Vascular Plants

Capitate sedge

Meadow bitter cress

Mingan grape fern

Pale blue-eyed grass

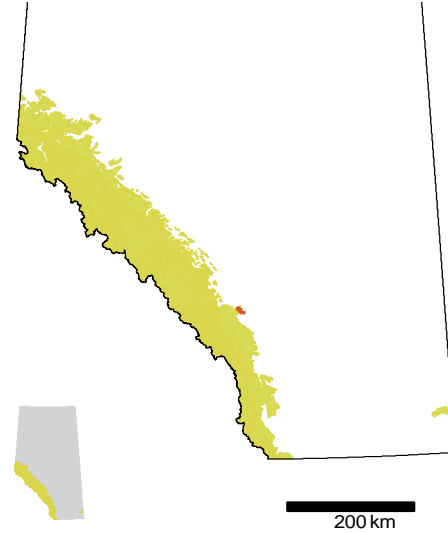
MUNICIPALITIES

Municipal District of
Rocky View No. 44

Rocky Mountain

CRITERION

- 1 Contains 9 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane	Bow River
Parkland	Foothills Parkland	
Foothills	Lower Foothills	

Area:
8,512.9 hectares
85.1 km ²
Density of Human Features:
Well 0.45 heads/km ²
Road 1.15 km/km ²
Pipeline 0.29 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Woodland skipper

Liverworts

Scapania apiculata

Mosses

Bryum algovicum

Bryum muehlenbeckii

Large-fruited splachnum

Vascular Plants

Capitate sedge

Crawe's sedge

Marsh gentian

Vegetation Communities

Douglas-fir - limber pine /
ground juniper / mountain
rough fescue

MUNICIPALITIES

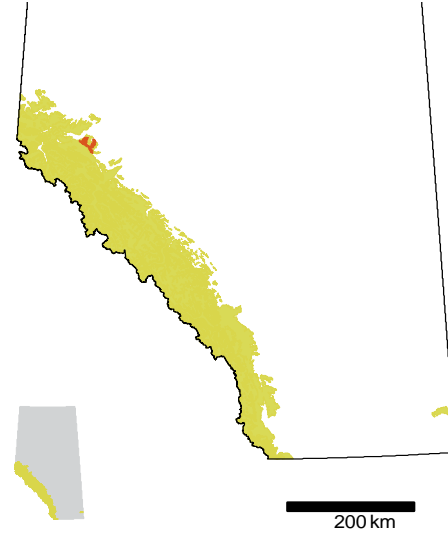
Municipal District of
Rocky View No. 44

Municipal District of
Bighorn No. 8

Rocky Mountain

CRITERION

- 1 Contains 1 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain Foothills	Subalpine Upper Foothills	Athabasca River Peace/Slave River

Area:
22,971.4 hectares
229.7 km ²
Density of Human Features:
Well 0.02 heads/km ²
Road 0.11 km/km ²
Pipeline 0.12 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Hudsonian old world swallowtail

Mammals

Grizzly bear

Woodland caribou -
mountain ecotype

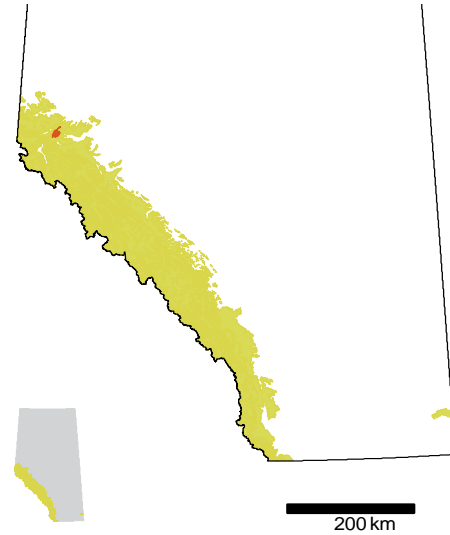
MUNICIPALITIES

Yellowhead County
Municipal District of
Greenview No. 16

Rocky Mountain

CRITERION

- 1 Contains 2 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane Subalpine	River Basin(s): Peace/Slave River
---	--	---

Area:
10,538.8 hectares
105.4 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0.21** km/km²
 Pipeline **0.04** km/km²

ELEMENTS OF CONSERVATION CONCERN

Insects

Napaea fritillary

Mammals

Grizzly bear

Vascular Plants

Northern rough fescue

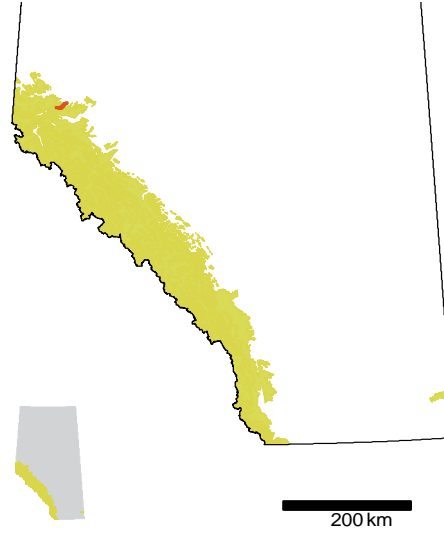
MUNICIPALITIES

Municipal District of
Greenview No. 16

Rocky Mountain

CRITERION

- 1 Contains 0 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain
Natural Subregion(s): Montane
River Basin(s): Peace/Slave River

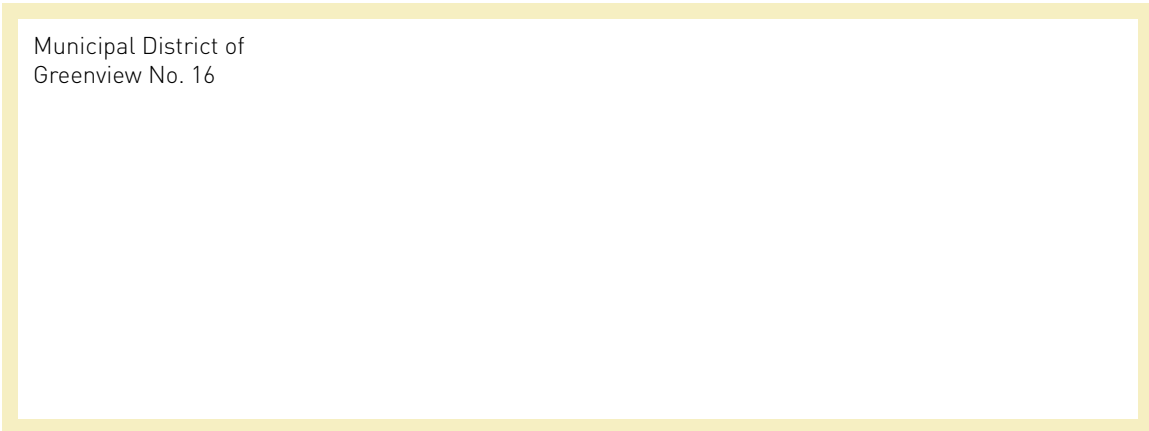
Area:
 2,854.0 hectares
 28.5 km²
Density of Human Features:
 Well 0 heads/km²
 Road 0.04 km/km²
 Pipeline 0 km/km²

ELEMENTS OF CONSERVATION CONCERN



MUNICIPALITIES

Municipal District of
Greenview No. 16



Rocky Mountain

CRITERION

1 Contains 69 element(s) of conservation concern

2 Contains rare or unique landforms

- Grande Cache Area hogbacks
- Grande Cache area water gaps
- Redrock Creek-Kakwa River Area gorges/canyons
- Stinking Creek-South Torren River warm springs

3 Contains habitat for focal species

4 Contains important wildlife habitat

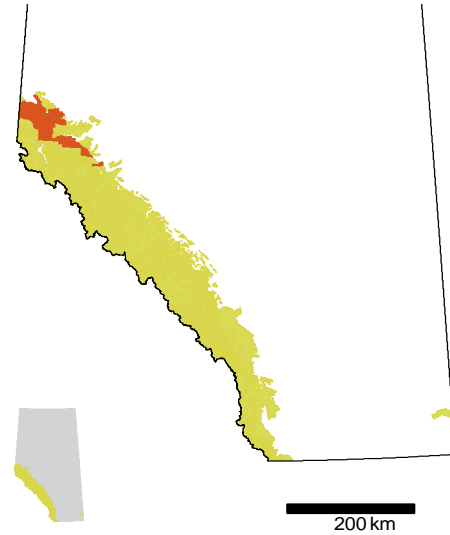
5 Contains riparian areas

- a Contains headwater streams
- b Contains intact riparian areas
- c Contains riparian areas along the six major rivers

6 Contains large natural areas

7 Contains sites of recognized significance

- Kakwa Wildland Provincial Park
- Rock Lake Provincial Park
- Rock Lake-Solomon Creek Wildland Provincial Park
- Two Lakes Provincial Park
- Willmore Wilderness Park



ESA CHARACTERISTICS

Natural Region(s):

Rocky Mountain
Foothills

Natural Subregion(s):

Subalpine
Upper Foothills
Lower Foothills
Alpine
Montane

River Basin(s):

Peace/Slave River
Athabasca River

Area:

329,574.1 hectares
3,295.7 km²

Density of Human Features:

Well 0.07 heads/km²
Road 0.21 km/km²
Pipeline 0.05 km/km²

ELEMENTS OF CONSERVATION CONCERN

Insects

Astarte fritillary
 Dinky arctic fritillary
 Hudsonian old world swallowtail
 Little copper
 Magdalena alpine

Liverworts

Athalamia hyalina
Barbilophozia kunzeana
Barbilophozia quadriloba
Tritomaria polita
Tritomaria scitula

Mammals

Grizzly bear
 Woodland caribou - mountain ecotype

Mosses

Alpine lemming moss
Aongstroemia longipes
Aulacomnium acuminatum
Brachythecium plumosum
Bryobrittonia longipes
Bryum algovicum
 Curl-leaved fork moss
Cynodontium alpestre
Cynodontium tenellum
Didymodon johansenii

Didymodon vinealis
 Drooping-leaved fork moss
 Fallacious screw moss
 Hair-like pogonatum
Homalothecium pinnatifidum
Hypnum pallescens
Mnium ambiguum
Myurella tenerrima
Oreas martiana
Plagiobryum zieri
Pseudoleskeella sibirica
Rhizomnium andrewsianum
Rhizomnium magnifolium
Scouleria aquatica
Seligeria campylopoda
 Twisted-leaved grimmia
 Urn-like pogonatum

Vascular Plants

Alaska willow
 Alpine bladder catchfly
 Alpine saxifrage
 Alpine sweet grass
 Arctic lousewort
 Ascending grape fern
Botrychium pinnatum
Draba longipes

Epilobium clavatum
 Flame-colored lousewort
 Forked wormwood
 Ground-fir
 Koenigia
 Lapland rose-bay
 Large-flowered lousewort
 Macoun's whitlow-grass
 Mingan grape fern
 Nodding sedge
 Northern rough fescue
 One-headed everlasting
Papaver radicans ssp kluanense
 Porsild's whitlow-grass
 Purple alpine sandwort
Saxifraga odontoloma
 Sitka columbine
 Smooth-leaved cinquefoil
 Snow buttercup
 Spiderplant
 Spike redtop
 Trifid-leaved fleabane
 Two-glumed rush
 Woolly lousewort

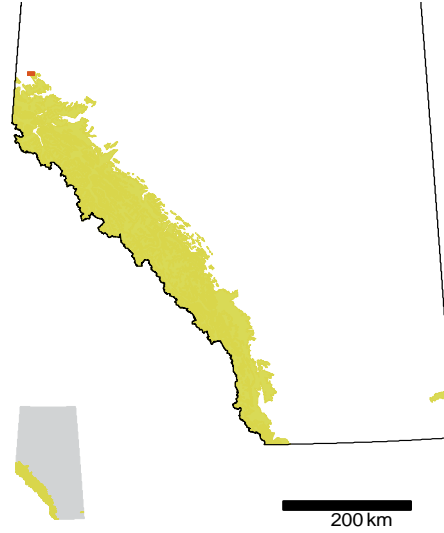
MUNICIPALITIES

Municipal District of
 Greenview No. 16
 Yellowhead County
 Improvement District No. 25
 (Willmore Wilderness)

Rocky Mountain

CRITERION

- 1 Contains 0 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain Foothills	Natural Subregion(s): Subalpine Upper Foothills	River Basin(s): Peace/Slave River
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Area:
66.4 hectares
0.7 km²

Density of Human Features:
Well 0 heads/km²
Road 1.38 km/km²
Pipeline 0 km/km²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Woodland caribou -
mountain ecotype

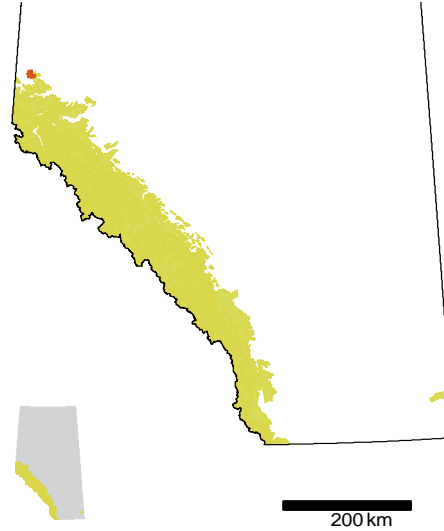
MUNICIPALITIES

Municipal District of
Greenview No. 16

Rocky Mountain

CRITERION

- 1 Contains 0 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain Foothills	Subalpine Upper Foothills	Peace/Slave River

Area:
332.0 hectares
3.3 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.33 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Woodland caribou -
mountain ecotype

MUNICIPALITIES

Municipal District of
Greenview No. 16

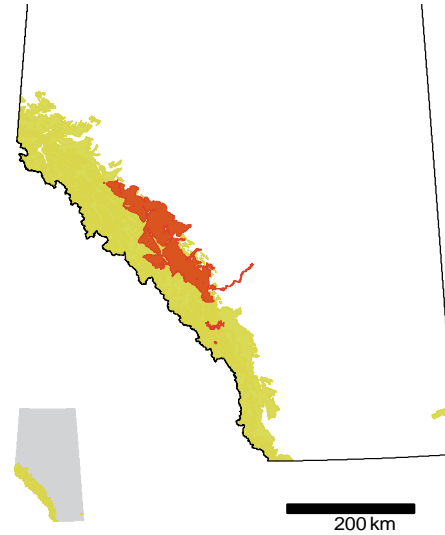
Rocky Mountain

CRITERION

1 Contains 195 element(s) of conservation concern

2 Contains rare or unique landforms

- Abraham Lake Area flatirons
- Cadomin Area karst caves, joint caves
- Canmore Area hoodoos
- Canmore Area kames, kame terraces
- Canmore Area rock-shelters
- Canmore Area speleothems
- Cardinal/Brazeau Confluence Area eskers
- Lac des Arcs fluvial lakes, alluvial fan dammed lakes
- Landslide Lake Area landslide lakes
- Limestone Mountain rock labyrinths
- Nordegg Area karst caves, bedding caves
- Nordegg Area non-patterned fens without internal lawns, spring fens
- Nordegg Area tufa depositing springs
- Pinto Lake Area paternoster lakes
- Pinto Lake Area speleothems
- Ram Falls Area waterfalls
- Rocky Mountain House Area non-patterned fens without internal lawns, spring fens



3 Contains habitat for focal species

4 Contains important wildlife habitat

5 Contains riparian areas

- a** Contains headwater streams
- b** Contains intact riparian areas
- c** Contains riparian areas along the six major rivers

6 Contains large natural areas

7 Contains sites of recognized significance

- Canadian Rocky Mountains World Heritage Site
- Bow Valley Provincial Recreation Area
- Bow Valley Wildland Provincial Park
- Brazeau Canyon Wildland Provincial Park
- Don Getty Wildland Provincial Park
- Kootenay Plains Ecological Reserve
- Peter Lougheed Provincial Park
- Rock Lake-Solomon Creek Wildland Provincial Park
- Spray Valley Provincial Park
- Wapiabi Provincial Recreation Area

ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine	North Saskatchewan River
Foothills	Upper Foothills	Athabasca River
Boreal	Alpine	Red Deer River
	Montane	Bow River
	Dry Mixedwood	
	Lower Foothills	

Area:
943,827.4 hectares
9,438.3 km ²
Density of Human Features:
Well 0.05 heads/km ²
Road 0.25 km/km ²
Pipeline 0.07 km/km ²

Birds

Calliope hummingbird
 Ferruginous hawk
 Gray-cheeked thrush
 Hooded merganser
 Peregrine falcon

Insects

Astarte fritillary
 Dinky arctic fritillary
 Henry's copper
 Lake emerald
 Little copper
Salmasellus steganothrix
 Thicket hairstreak
 Variegated meadowhawk
 Western red damsel
 Whitehouse's emerald

Liverworts

Anastrophyllum assimile
Anastrophyllum helleranum
Athalamia hyalina
Barbilophozia attenuata
Barbilophozia quadriloba
Chiloscyphus pallescens
Cryptocolea imbricata
Gymnomitrium coralloioides
Lophozia grandiretis
Lophozia pellucida
Mannia fragrans
Marsupella commutata
Marsupella revoluta
Moerckia hibernica
Pellia neesiana
Sauteria alpina
Scapania apiculata
Scapania brevicaulis
Scapania cuspiduligera
Tritomaria scitula

Mammals

Grizzly bear
 Woodland caribou - mountain ecotype

Mosses

Aloe-like rigid screw moss
 Alpine lemming moss
Amblyodon dealbatus
Amphidium mougeotii
Anomobryum filiforme
Aongstroemia longipes
 Bent screw moss
 Brown moss
Bryobrittonia longipes
Bryum algovicum
Bryum amblyodon
Bryum arcticum
Bryum calobryoides
Bryum pallens
Bryum schleicheri
Bryum stirtonii
Bryum uliginosum
Cirriphyllum cirrosum
Conardia compacta
 Cuspidate earth moss
Cynodontium schisti
Cyrtomnium hymenophylloides
Desmatodon laureri
Desmatodon leucostoma
Desmatodon systylius
Dicranum spadicum
Didymodon asperifolius
Didymodon johansenii
Didymodon subandreaeoides
 Donian beardless moss
Encalypta brevicolla
Encalypta brevipes
Encalypta intermedia

Froelichian splachnum
 Glaucous shield moss
 Globe-fruited splachnum
 Hairy-leaved beardless moss
Homalothecium nevadense
Hygroamblystegium tenax
Hygrohypnum styriacum
Hypnum procerrimum
Hypnum recurvatum
Jaffueliobryum wrightii
 Large-fruited splachnum
 Maidenhair moss
Myurella tenerrima
 Narrow-leaved Chinese phoenix moss
Orthothecium intricatum
Orthothecium strictum
Orthotrichum pallens
Orthotrichum pumilum
Orthotrichum pylaisii
Philonotis marchica
Plagiobryum demissum
Plagiobryum zieri
Pohlia drummondii
Pohlia longicolla
 Porsild's bryum
Pseudoleskeella sibirica
Racomitrium sudeticum
 Red leaf moss
Rhizomnium andrewsianum
 Rigid screw moss
Seligeria campylopoda
Seligeria subimmersa
 Short-beaked rigid screw moss
 Slender splachnum
Splachnoid cyrtodon
 Sun grimmia
 Thread bloom moss

ELEMENTS OF CONSERVATION CONCERN (continued)

<i>Timmia norvegica</i>	Lapland rose-bay	Steller's rock brake
Twisted-leaved grimmia	Large-flowered lousewort	Stem-clasping arnica
Urn-like pogonatum	Leather grape fern	Telesonix
Vascular Plants	Little-seed rice grass	Trifid-leaved fleabane
Alaska willow	<i>Luzula acuminata</i>	Two-glumed rush
Alpine bladder catchfly	Macoun's whitlow-grass	Two-parted sedge
Alpine braya	Marsh felwort	Wood anemone
Alpine foxtail	Marsh rush	Woolly lousewort
Alpine harebell	Meadow bitter cress	Vegetation Communities
Alpine saxifrage	Mingan grape fern	Bog birch / mountain rough fescue
Alpine sedge	Mountain bladder fern	Limber pine / common bearberry - creeping juniper
Alpine sweet grass	Mountain trisetum	Mountain rough fescue - hairy wild rye
Arctic wintergreen	Nodding sedge	Mountain rough fescue - tufted hair grass
Ascending grape fern	Northern bladderpod	Mountain sagewort - tall lungwort - hairy wild rye
Beautiful cotton grass	One-headed everlasting	Northern wheat grass - dragonwort - pasture sagewort
Bluegrass	Open sedge	Northern wheat grass - needle-and-thread
<i>Botrychium michiganense</i>	<i>Oxytropis campestris var davisii</i>	Northern wheat grass - slender wheat grass
<i>Botrychium pinnatum</i>	Pale blue-eyed grass	White spruce / fern moss
<i>Botrychium spathulatum</i>	<i>Papaver radicum ssp kluanense</i>	
Capitate sedge	Parry's sedge	
Changeable willow	<i>Pellaea glabella ssp occidentalis</i>	
Corymbose everlasting	<i>Pellaea glabella ssp simplex</i>	
Crawe's sedge	Pink false dandelion	
Draba fladnizensis	Porsild's whitlow-grass	
<i>Drummond's cinquefoil</i>	Primrose	
Dwarf bulrush	Purple sweet cicely	
Dwarf fleabane	Rocky Mountain willowherb	
Engelmann's spike-rush	Sand sedge	
<i>Epilobium lactiflorum</i>	Scented everlasting	
Flame-colored lousewort	Seaside sedge	
Gaston's cliff brake	Sitka columbine	
Glacier sedge	Slender-leaved sundew	
Hairy cinquefoil	Smooth cliff brake	
Hooker's cinquefoil	Smooth woodsia	
<i>Huperzia haleakalae</i>	Smooth-leaved cinquefoil	
Kananaskis whitlow-grass	Snow buttercup	
Lance-leaved grape fern	Spiderplant	
Lapland reed grass		

MUNICIPALITIES

Clearwater County

Yellowhead County

Municipal District of
Bighorn No. 8

Mountain View County

Red Deer County

Kananaskis Improvement District

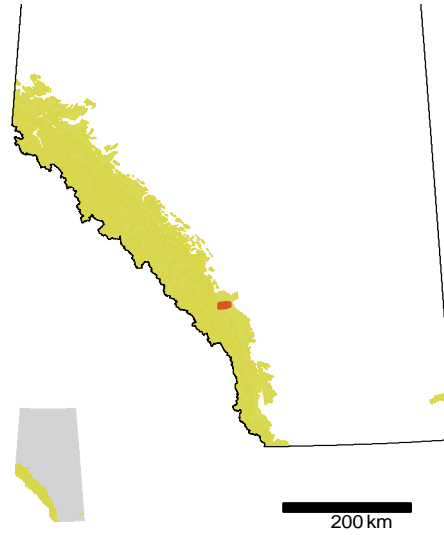
Improvement District
No. 12 (Jasper)

Improvement District
No. 9 (Banff)

Rocky Mountain

CRITERION

- 1 Contains 2 element(s) of conservation concern
- 2 Contains rare or unique landforms
Morley Flats Area drumlins
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane	River Basin(s): Bow River
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Area:
4,404.6 hectares
44.0 km²

Density of Human Features:
 Well **0.02** heads/km²
 Road **1.42** km/km²
 Pipeline **0.13** km/km²

ELEMENTS OF CONSERVATION CONCERN

Birds

Trumpeter swan

Mosses

Short-beaked rigid screw moss

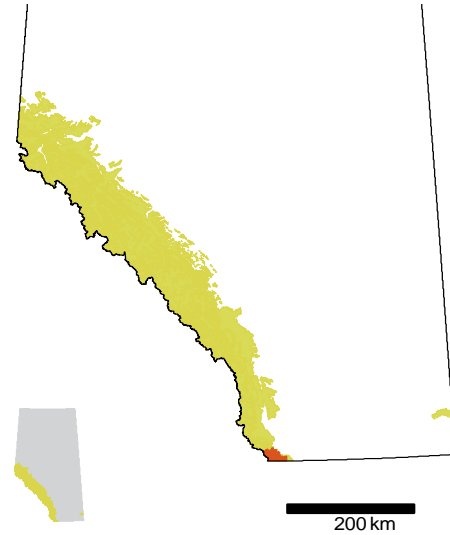
MUNICIPALITIES

Municipal District of
Bighorn No. 8

Rocky Mountain

CRITERION

- 1 Contains **266** element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Waterton-Glacier International Peace Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain Parkland	Subalpine Montane Alpine Foothills Parkland	Oldman River

Area:
51,214.1 hectares
512.1 km ²
Density of Human Features:
Well 0.03 heads/km ²
Road 0.23 km/km ²
Pipeline 0.03 km/km ²

Amphibians and Reptiles

Leopard frog

Birds

Black-headed grosbeak

Calliope hummingbird

Cassin's finch

Hooded merganser

Trumpeter swan

Fish

Deepwater sculpin

Pygmy whitefish

River shiner

Insects

Arrowhead blue

Blue copper

Dot-tailed whiteface

Henry's copper

Icarioides blue

Lorquin's admiral

Pacific fritillary

Pale swallowtail

Semiluna hairstreak

Senecella calanoides

Sheridan's green hairstreak

Striped meadowhawk

Two-tailed swallowtail

Western red damsel

Liverworts

Asterella saccata

Athalamia hyalina

Calypogeia suecica

Cephalozia bicuspidata

Chiloscyphus pallescens

Chiloscyphus polyanthos

Conocephalum conicum

Diplophyllum taxifolium

Harpanthus flotovianus

Jungermannia atrovirens

Lophozia ascendens

Mannia triandra

Marsupella sphacelata

Pellia epiphylla

Pellia neesiana

Porella cordaeana

Radula complanata

Scapania curta

Scapania paludosa

Scapania subalpina

Scapania undulata

Mammals

Grizzly bear

Red-tailed chipmunk

Wandering shrew

Mosses

Alpine broom moss

Alpine curly heron's bill moss

Alpine grimmia

Anoetangium aestivum

Aulacomnium androgynum

Bent screw moss

Blytt's fork moss

Brachythecium calcareum

Brachythecium plumosum

Brachythecium reflexum

Brachythecium rutabulum

Broken-leaf moss

Bryum algovicum

Bryum calobryoides

Bryum cyclophyllum

Bryum muehlenbeckii

Bryum schleicheri

Bryum stirtonii

Bryum turbinatum

Bug on a stick

Campylium radicale

Chalk brittle moss

Cirriphyllum cirrosium

Claopodium bolanderi

Common extinguisher moss

Conardia compacta

Desmatodon leucostoma

Desmatodon systylius

Dichodontium olympicum

Dicranum angustum

Dicranum spadiceum

Didymodon vinealis

Ditrichum montanum

Donian beardless moss

Encalypta brevipes

Encalypta intermedia

Encalypta spathulata

Fontinalis antipyretica

Green shield moss

Green-cushioned weissia

Grimmia caespiticia

Grimmia ovalis

Hair-pointed grimmia

Heterocladium dimorphum

Homalothecium nevadense

Homalothecium pinnatifidum

Hygrohypnum molle

Hygrohypnum ochraceum

Hypnum pallescens

Hypnum procerrimum

Hypnum recurvatum

Large grimmia

Leptodictyum humile

Lescurea saxicola

Mountain forest grimmia

Orthotrichum pallens

Pohlia annotina

ELEMENTS OF CONSERVATION CONCERN (continued)

<i>Pohlia drummondii</i>	<i>Botrychium michiganense</i>	Lace fern
<i>Pohlia obtusifolia</i>	<i>Botrychium pallidum</i>	Lance-leaved grape fern
<i>Pseudoleskea patens</i>	<i>Botrychium pedunculosum</i>	Lance-leaved lungwort
<i>Pseudoleskea stenophylla</i>	<i>Botrychium pinnatum</i>	Large-flowered brickellia
<i>Racomitrium elongatum</i>	<i>Botrychium spathulatum</i>	Large-flowered lungwort
<i>Racomitrium heterostichum</i>	<i>Botrychium x watertonense</i>	Least knotweed
<i>Rhizomnium nudum</i>	Brewer's monkeyflower	Least lupine
<i>Rhytidadelphus squarrosus</i>	Broad-lipped twayblade	Leather grape fern
<i>Schistidium pulvinatum</i>	Broad-scaled sedge	Lemmon's rock cress
<i>Scouleria aquatica</i>	Browned sedge	Linanthus
<i>Seligeria campylopoda</i>	<i>Carex infirminervia</i>	Linear-leaved montia
<i>Slender splachnum</i>	Changeable willow	Linear-leaved scorpionweed
Spreading fringe moss	Creeping fleabane	Little rice grass
<i>Sun grimmia</i>	<i>Draba densifolia</i>	Long-leaved arnica
<i>Thamnobryum neckeroides</i>	Dwarf bitter-root	Low willowherb
<i>Tortula bartramii</i>	Dwarf fleabane	Low yellow evening-primrose
<i>Tortula caninervis</i>	Dwarf grape fern	Lyll's scorpionweed
<i>Tortula subulata</i>	Early buttercup	Macloskey's violet
Twisted-leaved grimmia	Eaton's aster	Macoun's cinquefoil
Undulated crane's bill moss	<i>Epilobium clavatum</i>	Male fern
Urn-like pogonatum	<i>Epilobium glaberrimum ssp fastigiatum</i>	Mallow-leaved ninebark
Vascular Plants	<i>Epilobium lactiflorum</i>	Melic grass
Alpine foxtail	<i>Epilobium leptocarpum</i>	<i>Mimulus tilingii</i>
Alpine sedge	<i>Festuca subulata</i>	Mingan grape fern
Alpine spleenwort	Few-flowered salt-meadow grass	Mock orange
Alpine townsendia	Fleabane	Mountain currant
American chickweed	Front-range fleabane	Mountain dwarf-primula
American saw-wort	Geyer's onion	Mountain hollyhock
Awnless trisetum	Ground-fir	Mountain lady's-slipper
Back's sedge	<i>Gymnocarpium disjunctum</i>	Mountain trisetum
Big sagebrush	Hairy buttercup	Nodding arnica
Blackened sedge	Hairy cinquefoil	Nodding scorzonella
Blister sedge	Hawk's-beard	Nodding trisetum
Blue camas	Hooker's cinquefoil	Northern beech fern
Blue suksdorfia	Intermediate hawk's-beard	Northern bladderpod
Bluegrass	Jones' columbine	Onion grass
Bolander's quillwort		Open sedge

ELEMENTS OF CONSERVATION CONCERN

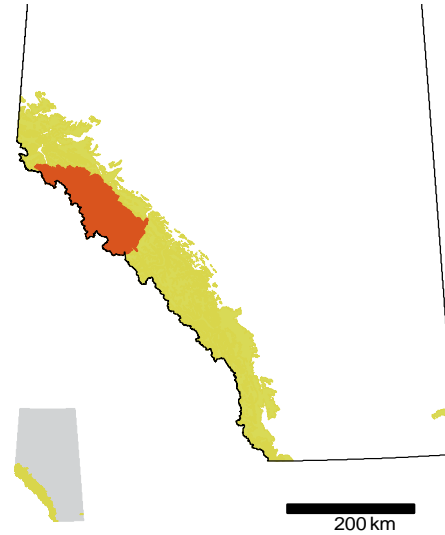
Pacific bluegrass	Small-leaved montia	Woollen-breeches
<i>Papaver pygmaeum</i>	Smooth-leaved cinquefoil	Vegetation Communities
Paradoxical grape fern	Spike redtop	Bolander's quillwort aquatic community
Parry's rush	<i>Stellaria obtusa</i>	
Pasture sedge	<i>Stellaria umbellata</i>	
Pathfinder	Stem-clasping arnica	
Payson's sedge	Suksdorfia	
Pinesap	Tall trisetum	
Pink meadowsweet	Taper-fruit short-scale sedge	
Presl sedge	Thurber's bent grass	
Purple rattlesnakeroot	Trifid-leaved fleabane	
Purple sweet cicely	<i>Viola praemorsa ssp linguifolia</i>	
Ragwort	Viviparous fescue	
Rockstar	Wallace's little club-moss	
<i>Saxifraga ferruginea</i>	Wavy-leaved chickweed	
Scented everlasting	Western false-asphodel	
Scribner's wheat grass	Western fescue	
Shrubby beardtongue	Western larch	
Silvery everlasting	Western maidenhair fern	
Sitka romanzoffia	Western polypody	
Slender bog orchid	Western St. John's-wort	
Slender hair grass	Western twayblade	
Small baby-blue-eyes	Western wakerobin	
Small yellow monkeyflower	Western yew	
Small-flowered hawk's-beard	White-veined wintergreen	
Small-flowered rockstar	Woodland brome	

MUNICIPALITIES

Improvement District No. 4
(Waterton)
Municipal District of
Pincher Creek No. 9
Cardston County

CRITERION

- 1 Contains 312 element(s) of conservation concern**
- 2 Contains rare or unique landforms**
Nordegg Area tufa depositing springs
- 3 Contains habitat for focal species**
- 4 Contains important wildlife habitat**
- 5 Contains riparian areas**
 - a** Contains headwater streams
 - b** Contains intact riparian areas
 - c** Contains riparian areas along the six major rivers
- 6 Contains large natural areas**
- 7 Contains sites of recognized significance**
Canadian Rocky Mountains World Heritage Site
Brazeau Canyon Wildland Provincial Park
Rock Lake-Solomon Creek Wildland Provincial Park
White Goat Wilderness Area
Whitehorse Wildland Provincial Park
Willmore Wilderness Park



Rocky Mountain

ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Alpine	Athabasca River
Foothills	Subalpine	North Saskatchewan River
	Montane	Peace/Slave River
	Upper Foothills	

Area:
1,123,115.9 hectares
11,231.2 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.03 km/km ²
Pipeline 0.01 km/km ²

Birds

Black swift
 Calliope hummingbird
 Peregrine falcon
 Willow ptarmigan

Fish

Pygmy whitefish

Insects

Astarte fritillary
 Dinky arctic fritillary
 Dot-tailed whiteface
 Henry's copper
 Hobomok skipper
 Little copper
 Rocky Mountain capshell
Salmassellus steganothrix

Liverworts

Anastrophyllum assimile
Anastrophyllum helleranum
Anastrophyllum michauxii
Anastrophyllum saxicola
Asterella lindenbergiana
Athalamia hyalina
Barbilophozia kunzeana
Barbilophozia quadriloba
Calypogeia integristipula
Calypogeia suecica
Cephalozia bicuspidata
Chandonanthus setiformis
Conocephalum conicum
Diplophyllum taxifolium
Gymnomitrium concinnum
Gymnomitrium coralloides
Harpanthus flotovianus
Jungermannia pumila
Jungermannia sphaerocarpa
Lophozia ascendens
Lophozia badensis
Lophozia capitata

Lophozia excisa
Lophozia grandiretis
Lophozia incisa
Lophozia obtusa
Lophozia opacifolia
Lophozia wenzelii
Mannia pilosa
Marsupella alpina
Marsupella brevissima
Marsupella revoluta
Marsupella sparsifolia
Marsupella sphacelata
Moerckia blyttii
Pellia endiviifolia
Radula complanata
Reboulia hemisphaerica
Scapania apiculata
Scapania cuspiduligera
Scapania paludosa
Scapania undulata
Tritomaria polita
Tritomaria scitula

Mammals

Grizzly bear
 Woodland caribou - mountain ecotype

Mosses

Aloe-like rigid screw moss
 Alpine broom moss
 Alpine grimmia
 Alpine lemming moss
Amblyodon dealbatus
Andreaea alpestris
Andreaea blyttii
Anoetangium aestivum
Anomobryum filiforme
Aongstroemia longipes
Arctoa fulvella
Aulacomnium acuminatum

Aulacomnium androgynum
 Awl-leaved fork moss
 Bent screw moss
 Black grimmia
 Blunt-leaved hair moss
 Blytt's fork moss
Brachythecium plumosum
Brachythecium reflexum
Brachythecium rutabulum
 Brown moss
Bryobrittonia longipes
Bryum algovicum
Bryum amblyodon
Bryum calobryoides
Bryum calophyllum
Bryum pallens
 Bug on a stick
Cirriphyllum cirrosum
Cynodontium schisti
Cynodontium tenellum
Cyrtomnium hymenophylloides
Desmatodon leucostoma
Dichelyma falcatum
Dicranum angustum
Dicranum spadiceum
Didymodon asperifolius
Didymodon nigrescens
Didymodon subandreaeoides
Didymodon vinealis
Ditrichum montanum
 Donian beardless moss
 Donian grimmia
 Drooping-leaved fork moss
Encalypta brevicolla
Encalypta longicolla
Encalypta spathulata
 Fallacious screw moss
Froelichian splachnum
 Globe-fruited splachnum

ELEMENTS OF CONSERVATION CONCERN (continued)

<i>Grimmia mollis</i>	<i>Orthothecium strictum</i>	Twisted-leaved grimmia
<i>Grimmia teretinervis</i>	<i>Orthotrichum pallens</i>	<i>Ulota curvifolia</i>
Hair-like pogonatum	<i>Orthotrichum rivulare</i>	Undulated crane's bill moss
Hair-pointed grimmia	<i>Philonotis marchica</i>	Urn-like pogonatum
Hairy-leaved beardless moss	<i>Plagiobryum zieri</i>	Vascular Plants
Haller's apple moss	<i>Pohlia andalusica</i>	Alaska willow
Hercynian hair moss	<i>Pohlia annotina</i>	Alpine alumroot
<i>Herzogiella seligeri</i>	<i>Pohlia brevinervis</i>	Alpine azalea
<i>Heterocladium dimorphum</i>	<i>Pohlia bulbifera</i>	Alpine bitter cress
<i>Homalothecium pinnatifidum</i>	<i>Pohlia crudoides</i>	Alpine braya
<i>Hygrohypnum alpestre</i>	<i>Pohlia drummondii</i>	Alpine saxifrage
<i>Hygrohypnum cochlearifolium</i>	<i>Pohlia filum</i>	Alpine sedge
<i>Hygrohypnum eugyrium</i>	<i>Pohlia obtusifolia</i>	Alpine sweet grass
<i>Hygrohypnum molle</i>	<i>Pohlia vexans</i>	Arctic lousewort
<i>Hygrohypnum ochraceum</i>	<i>Porsild's bryum</i>	Arctic wintergreen
<i>Hygrohypnum smithii</i>	<i>Pseudoleskea stenophylla</i>	Ascending grape fern
<i>Hygrohypnum styriacum</i>	<i>Pseudoleskeella sibirica</i>	Beautiful cotton grass
<i>Hylocomiastrum pyrenaicum</i>	<i>Pterygoneurum subsessile</i>	<i>Botrychium pinnatum</i>
<i>Hypnum callichroum</i>	<i>Racomitrium aciculare</i>	<i>Botrychium spathulatum</i>
<i>Hypnum pallescens</i>	<i>Racomitrium fasciculare</i>	<i>Braya humilis var porsildii</i>
<i>Hypnum procerrimum</i>	<i>Racomitrium heterostichum</i>	Broad-scaled sedge
<i>Hypnum recurvatum</i>	<i>Racomitrium microcarpon</i>	Changeable willow
<i>Jaffuelobryum wrightii</i>	<i>Racomitrium sudeticum</i>	Corymbose everlasting
Lindberg's bog moss	Red leaf moss	Crawe's sedge
<i>Loeskympnum badium</i>	Red rock moss	Creeping fleabane
Long-stalked beardless moss	<i>Rhizomnium andrewsianum</i>	<i>Draba fladnizensis</i>
Luminous moss	<i>Rhizomnium magnifolium</i>	<i>Draba glabella</i>
Maidenhair moss	<i>Rhizomnium nudum</i>	<i>Draba longipes</i>
<i>Meesia longiseta</i>	<i>Rhytidadelphus squarrosus</i>	<i>Draba ventosa</i>
<i>Mnium ambiguum</i>	Rigid screw moss	Drummond's cinquefoil
Muhlenberg's cord moss	<i>Schistidium trichodon</i>	Dwarf bulrush
<i>Myurella sibirica</i>	<i>Scouleria aquatica</i>	Eaton's aster
Narrow-leaved Chinese phoenix moss	Sharp-pointed weissia	<i>Epilobium clavatum</i>
Neat bog moss	Short-beaked rigid screw moss	<i>Epilobium lactiflorum</i>
<i>Neckera pennata</i>	Slender splachnum	<i>Epilobium leptocarpum</i>
<i>Oligotrichum aligerum</i>	Spreading fringe moss	<i>Epilobium luteum</i>
<i>Oligotrichum parallelum</i>	Sun grimmia	Flattened spike-rush
<i>Orthothecium intricatum</i>	Thread bloom moss	Glacier sedge
	Tongue-leaf small-kettle moss	Ground-fir

ELEMENTS OF CONSERVATION CONCERN

Hairy buttercup	Northern bent grass	Spiderplant
Hairy cinquefoil	Northern bur-reed	Spreading stonecrop
Hooker's cinquefoil	Northern rough fescue	Steller's rock brake
Hooker's sedge	One-headed everlasting	Stem-clasping arnica
Hudson Bay sedge	Oval-leaved blueberry	Telesonix
<i>Huperzia haleakalae</i>	Pale alpine fleabane	Thurber's bent grass
<i>Isoetes maritima</i>	<i>Papaver radicum ssp kluanense</i>	Tiny-flowered fescue
<i>Isoetes occidentalis</i>	Parry's rush	Trifid-leaved fleabane
<i>Isoetes x truncata</i>	Parry's sedge	Tufted tall manna grass
Kananaskis whitlow-grass	Pasture sedge	Two-glumed rush
Koenigia	<i>Pellaea glabella ssp simplex</i>	Two-parted sedge
Lance-leaved grape fern	Pink false dandelion	Western buttercup
Lapland reed grass	Polar grass	Western false-asphodel
Lapland rose-bay	Porsild's whitlow-grass	Western hemlock
Large-flowered lousewort	Poverty oat grass	Western red cedar
Leafy braya	Presl sedge	Western ribgrass
Leafy lousewort	Primrose	Whitebark pine
Leather grape fern	Purple alpine sandwort	Willow
Lemmon's rock cress	Purple sedge	Woolly lousewort
Lens-fruited sedge	Purple sweet cicely	Woolly willow
Letterman's bluegrass	Sandwort	Vegetation Communities
Macloskey's violet	<i>Saxifraga ferruginea</i>	June grass - pasture sagewort - wild blue flax
Macoun's whitlow-grass	Scented everlasting	Subalpine fir - whitebark pine - Engelmann spruce / crowberry
Marsh felwort	Seaside sedge	White birch - water birch / common bearberry
Mingan grape fern	Sitka columbine	White spruce / prickly rose / fern moss
Mountain bladder fern	Sitka romanzoffia	Whitebark pine - lodgepole pine / ground juniper - hairy wild rye - twinflower
Mountain cress	Slender bog orchid	Whitebark pine / ground juniper - common bearberry
Mountain currant	Slender-leaved sundew	
Mountain mare's-tail	Small-headed sedge	
Nodding arnica	Smooth woodsia	
Nodding sedge	Snow buttercup	
Northern beech fern		

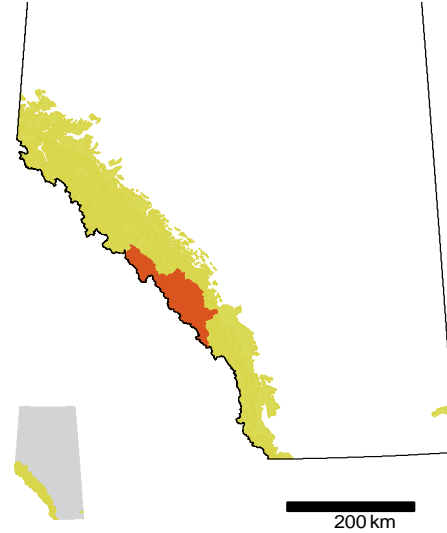
MUNICIPALITIES

Improvement District No. 12 (Jasper)	Improvement District No. 25 (Willmore Wilderness)
Municipality of Jasper	Improvement District No. 9 (Banff)
Yellowhead County	Clearwater County

Rocky Mountain

CRITERION

- 1 Contains 212 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Canadian Rocky Mountains World Heritage Site
 - Don Getty Wildland Provincial Park
 - Ghost River Wilderness Area
 - Peter Lougheed Provincial Park
 - Siffleur Wilderness Area
 - Spray Valley Provincial Park
 - White Goat Wilderness Area



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Alpine	Bow River
Foothills	Subalpine	North Saskatchewan River
	Montane	Red Deer River
	Upper Foothills	Athabasca River

Area:
685,081.9 hectares
6,580.8 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.08 km/km ²
Pipeline 0 km/km ²

Birds

Black swift
 Calliope hummingbird
 Cassin's finch
 Hooded merganser

Insects

Astarte fritillary
 Azure darner
 Banff springs physa
 Forcipate emerald
 Henry's copper
 Lake emerald
 Lance-tipped darner
 Little copper
 Pacific forktail
Salmasellus steganothrix
Stygobromus canadensis
 Thicket hairstreak
 Variegated meadowhawk
 Vivid dancer
 Western red damsel
 Whitehouse's emerald

Liverworts

Anastrophyllum michauxii
Athalamia hyalina
Barbilophozia binsteadii
Conocephalum conicum
Harpanthus flotovianus
Jungermannia atrovirens
Jungermannia obovata
Lophozia badensis
Lophozia grandiretis
Lophozia wenzelii
Marsupella brevissima
Nardia breidlerii
Nardia geoscyphus
Porella cordaeana
Radula complanata

Scapania curta
Scapania cuspiduligera
Scapania mucronata
Tritomaria polita
Tritomaria scitula

Mammals

Grizzly bear
 Woodland caribou - mountain ecotype

Mosses

Acid-soil moss
 Alpine grimmia
 Bent screw moss
 Blytt's fork moss
 Brown moss
Bryum algovicum
Bryum calophyllum
Bryum cyclophyllum
Bryum dichotomum
Bryum muehlenbeckii
Bryum pallens
Bryum schleicheri
Bryum turbinatum
 Chalk brittle moss
Conardia compacta
Cynodontium alpestre
Cynodontium schisti
Cynodontium tenellum
Cyrtomnium hymenophylloides
Desmatodon leucostoma
Desmatodon systylius
Dichelyma falcatum
Dicranum angustum
Dicranum spadiceum
Didymodon johansenii
Didymodon subandreaeoides
 Donian grimmia
 Drooping-leaved fork moss
Encalypta brevicolla

Encalypta brevipes
Encalypta longicolla
Fissidens limbatus
Froelichian splachnum
 Green-cushioned weissia
Heterocladium dimorphum
 Hidden kettle moss
Homalothecium pinnatifidum
Hypnum procerrimum
Hypnum recurvatum
 Large grimmia
 Large-fruited splachnum
Lescuraea saxicola
 Long-stalked beardless moss
 Maidenhair moss
Mnium ambiguum
Myurella tenerrima
 Narrow-leaved Chinese phoenix moss
Neckera pennata
Orthothecium intricatum
Philonotis marchica
Plagiobryum zieri
Pohlia drummondii
Pohlia longicolla
Pseudoleskea patens
Pseudoleskeella sibirica
Racomitrium sudeticum
Scouleria aquatica
Seligeria campylopoda
 Short-beaked rigid screw moss
Timmia norvegica
Timmia sibirica
 Tongue-leaf small-kettle moss
 Twisted-leaved grimmia
 Urn-like pogonatum
Vascular Plants
 Alaska willow
 Alpine bitter cress

ELEMENTS OF CONSERVATION CONCERN (continued)

Alpine bladder catchfly	Lance-leaved grape fern	<i>Saxifraga ferruginea</i>
Alpine harebell	Lapland rose-bay	Scented everlasting
Alpine saxifrage	Large-flowered lousewort	Seaside sedge
Alpine sedge	Leafy braya	Shrubby beardtongue
Alpine sheep sorrel	Leafy lousewort	Sitka romanzoffia
Arctic lousewort	Lemmon's rock cress	Slender bog orchid
Ascending grape fern	Lens-fruited sedge	Small-flowered rockstar
<i>Aster x maccallae</i>	Letterman's bluegrass	Small-headed sedge
Back's sedge	Long-leaved arnica	Smooth-leaved cinquefoil
Beautiful cotton grass	Low bent grass	<i>Stellaria umbellata</i>
Bluegrass	Macoun's whitlow-grass	Steller's rock brake
<i>Botrychium crenulatum</i>	Male fern	Stem-clasping arnica
<i>Botrychium pinnatum</i>	Mingan grape fern	Thurber's bent grass
<i>Botrychium spathulatum</i>	Mountain bladder fern	Tiny-flowered fescue
<i>Braya humilis var porsildii</i>	Mountain cress	Trifid-leaved fleabane
Broad-lipped twayblade	Mountain currant	Two-glumed rush
Broad-scaled sedge	Mountain trisetum	Two-parted sedge
Browned sedge	Nodding arnica	Western blue flag
Capitate sedge	Northern bent grass	Western hemlock
Changeable willow	Northern bur-reed	Western red cedar
<i>Draba longipes</i>	One-headed everlasting	Woolly willow
<i>Draba ventosa</i>	Open sedge	Vegetation Communities
Drummond's cinquefoil	Oval-leaved blueberry	Aspen / hairy wild rye - showy aster avalanche community
Dwarf bulrush	<i>Oxytropis campestris var davisii</i>	June grass - pasture sagewort - wild blue flax
Dwarf grape fern	Pale alpine fleabane	Limber pine / common bearberry - creeping juniper
Early buttercup	Pale blue-eyed grass	Richardson needlegrass - June grass - small-leaved everlasting
Eaton's aster	<i>Papaver radicum ssp kluanense</i>	Subalpine fir - limber pine - aspen / veiny meadow rue
<i>Epilobium clavatum</i>	Parry's rush	Subalpine fir - whitebark pine - Engelmann spruce / crowberry
<i>Epilobium lactiflorum</i>	Parry's sedge	Whitebark pine - lodgepole pine / ground juniper - hairy wild rye - twinflinger
<i>Epilobium leptocarpum</i>	Pasture sedge	Whitebark pine / ground juniper - common bearberry
Flame-colored lousewort	<i>Pellaea glabella ssp occidentalis</i>	
Gaston's cliff brake	Pink false dandelion	
Glacier sedge	<i>Poa laxa ssp banffiana</i>	
<i>Gymnocarpium disjunctum</i>	Porsild's whitlow-grass	
Hairy cinquefoil	<i>Potentilla subjugata</i>	
Hawk's-beard	Presl sedge	
Hooker's cinquefoil	Rockstar	
Hooker's sedge	Sandwort	
Huperzia haleakalae		

MUNICIPALITIES

Improvement District
No. 9 (Banff)

Kananaskis Improvement District

Municipal District of
Bighorn No. 8

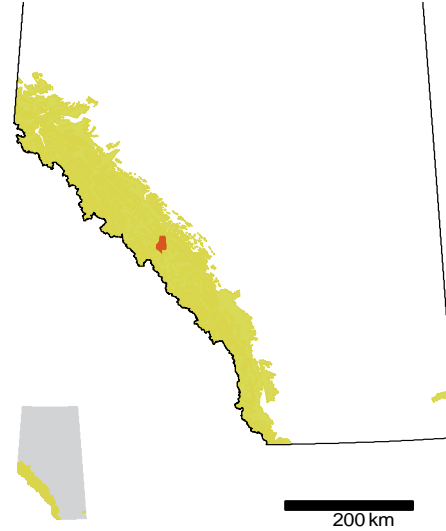
Clearwater County

Improvement District
No. 12 (Jasper)

Rocky Mountain

CRITERION

- 1 Contains 17 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Kootenay Plains Ecological Reserve
 - Siffleur Wilderness Area



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane Subalpine	North Saskatchewan River

Area:
3,761.2 hectares
37.6 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.06 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Woodland caribou -
mountain ecotype

Mosses

Aloe-like rigid screw moss

Bent screw moss

Cuspidate earth moss

Orthothecium intricatum

Pseudoleskeella sibirica

Rigid screw moss

Vascular Plants

Alpine braya

Dwarf bulrush

Northern bladderpod

Pale blue-eyed grass

Parry's sedge

Pellaea glabella ssp occidentalis

Seaside sedge

Vegetation Communities

Limber pine / common bearberry
- creeping juniper

Northern wheat grass -
dragonwort - pasture sagewort

Northern wheat grass -
small-leaved everlasting

Western wheat grass -
one-flowered ironplant

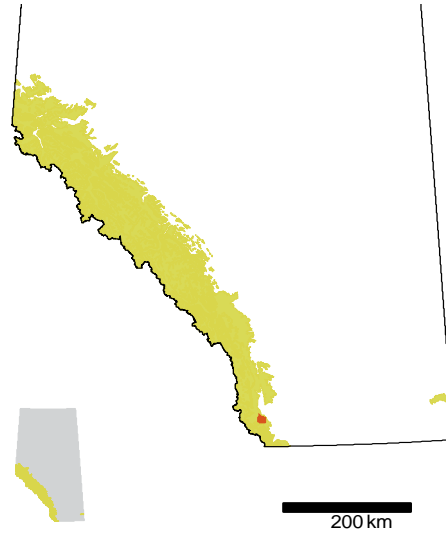
MUNICIPALITIES

Clearwater County

Rocky Mountain

CRITERION

- 1 Contains 9 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Beauvais Lake Provincial Park



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane	River Basin(s): Oldman River
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Area:
1,154.6 hectares
11.5 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0.52** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Amphibians and Reptiles

Leopard frog

Birds

Black-headed grosbeak

Insects

Woodland skipper

Mammals

Grizzly bear

Vascular Plants

Hairy buttercup

Limber pine

Mountain lady's-slipper

Watson's knotweed

Woodland brome

Vegetation Communities

Douglas-fir - limber pine /
ground juniper / mountain r
ough fescue

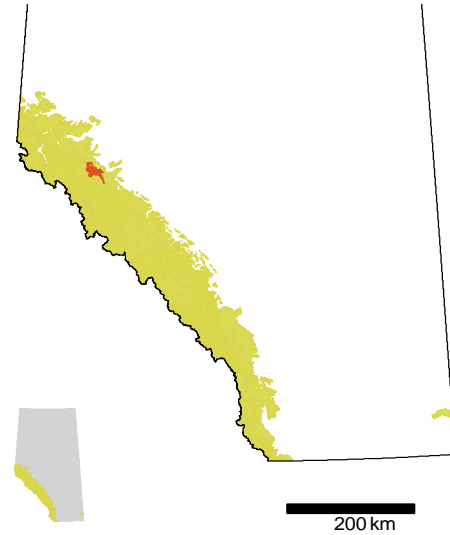
MUNICIPALITIES

Municipal District of
Pincher Creek No. 9

Rocky Mountain

CRITERION

- 1 Contains 5 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Canadian Rocky Mountains World Heritage Site
 - Rock Lake Provincial Park
 - Rock Lake-Solomon Creek Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine	Athabasca River
Foothills	Alpine	
	Upper Foothills	
	Montane	

Area:
31,582.0 hectares
315.8 km ²
Density of Human Features:
Well 0.01 heads/km ²
Road 0.01 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Mosses

- Amblyodon dealbatus*
- Didymodon johansenii*
- Orthothecium strictum*
- Thread bloom moss

Vascular Plants

- Telesonix

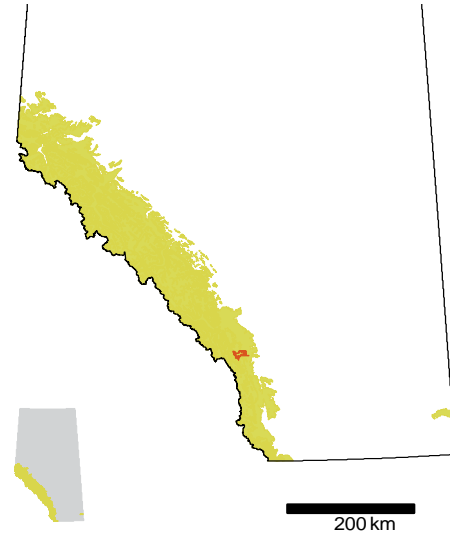
MUNICIPALITIES

- Yellowhead County
- Improvement District No. 12
(Jasper)
- Improvement District No. 25
(Willmore Wilderness)

Rocky Mountain

CRITERION

- 1 Contains 3 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Bluerock Wildland Provincial Park
 - Don Getty Wildland Provincial Park
 - Elbow-Sheep Wildland Provincial Park
 - Sheep River Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane Subalpine Alpine	Bow River

Area:
12,705.9 hectares
127.1 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.08 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Grizzly bear

Long-eared bat

Vascular Plants

Creeping fleabane

Presl sedge

MUNICIPALITIES

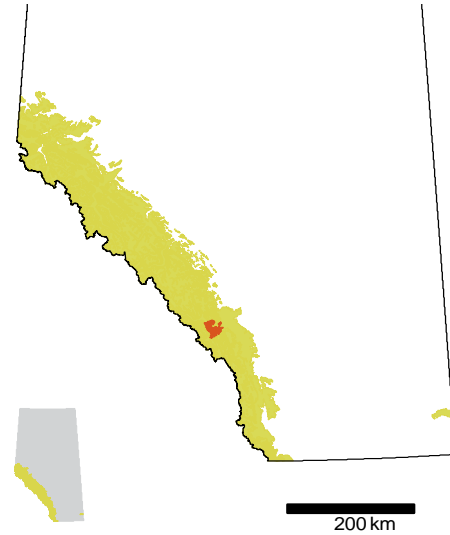
Kananaskis Improvement District

Municipal District of
Foothills No. 31

Rocky Mountain

CRITERION

- 1 Contains 60 element(s) of conservation concern**
- 2 Contains rare or unique landforms**
 - Canmore Area rock-shelters
 - Canmore Area speleothems
 - Kananaskis Country rockglaciers
 - Lac des Arcs fluvial lakes, alluvial fan dammed lakes
- 3 Contains habitat for focal species**
- 4 Contains important wildlife habitat**
- 5 Contains riparian areas**
 - a** Contains headwater streams
 - b** Contains intact riparian areas
 - c** Contains riparian areas along the six major rivers
- 6 Contains large natural areas**
- 7 Contains sites of recognized significance**
 - Bow Valley Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine Montane Alpine	Bow River

Area:
37,239.3 hectares
372.4 km ²
Density of Human Features:
Well 0.01 heads/km ²
Road 0.03 km/km ²
Pipeline 0.01 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Birds

Calliope hummingbird
Hooded merganser

Insects

Gillette's checkerspot
Little copper
Sheridan's green hairstreak
Thicket hairstreak
Variegated meadowhawk

Liverworts

Chiloscyphus pallescens
Lophozia badensis
Pellia endiviifolia
Scapania apiculata

Mosses

Amphidium mougeotii
Bent screw moss
Bryum algovicum
Bryum muehlenbeckii
Cirriphyllum cirrosum
Cuspidate earth moss
Cyrtomnium hymenophylloides
Desmatodon systylius
Didymodon subandreaeoides
Donian beardless moss
Hairy-leaved beardless moss

Hygroamblystegium tenax

Jaffueliobryum wrightii

Large-fruited splanchnum

Maidenhair moss

Myurella tenerrima

Narrow-leaved Chinese phoenix moss

Philonotis marchica

Plagiobryum zieri

Porsild's bryum

Rigid screw moss

Short-beaked rigid screw moss

Timmia norvegica

Twisted-leaved grimmia

Vascular Plants

Alpine foxtail
Alpine saxifrage
Corymbose everlasting
Crawe's sedge
Dwarf bulrush
Engelmann's spike-rush
Epilobium luteum
Field grape fern
Flame-colored lousewort
Gaston's cliff brake
Hairy cinquefoil
Lance-leaved grape fern

Little-seed rice grass

Macoun's cinquefoil

Marsh gentian

Mingan grape fern

Mountain mare's-tail

Pasture sedge

Pellaea glabella ssp occidentalis

Pellaea glabella ssp simplex

Slender-leaved sundew

Smooth cliff brake

Smooth woodsia

Steller's rock brake

Vegetation Communities

White spruce / dwarf birch -
beaked willow / bristle-leaved
sedge

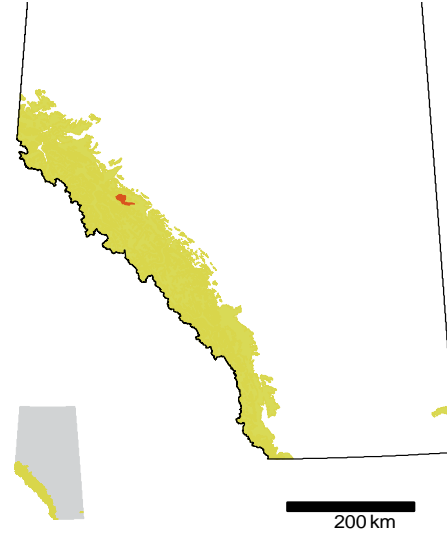
MUNICIPALITIES

Kananaskis Improvement District
Municipal District of
Bighorn No. 8
Improvement District No. 9
(Banff)

Rocky Mountain

CRITERION

- 1 Contains 89 element(s) of conservation concern**
- 2 Contains rare or unique landforms**
Cadomin Area karst caves, joint caves
- 3 Contains habitat for focal species**
- 4 Contains important wildlife habitat**
- 5 Contains riparian areas**
 - a** Contains headwater streams
 - b** Contains intact riparian areas
 - c** Contains riparian areas along the six major rivers
- 6 Contains large natural areas**
- 7 Contains sites of recognized significance**
Canadian Rocky Mountains World Heritage Site
Whitehorse Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine Alpine	Athabasca River North Saskatchewan River

Area:
17,414.9 hectares
174.1 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.03 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Astarte fritillary
 Dingy arctic fritillary
 Henry's copper
 Little copper

Liverworts

Anastrophyllum assimile
Barbilophozia attenuata
Barbilophozia quadriloba
Gymnomitrium corallioides
Lophozia pellucida
Marsupella commutata
Marsupella revoluta
Scapania brevicaulis
Scapania cuspiduligera
Tritomaria scitula

Mammals

Grizzly bear
 Long-legged bat

Mosses

Alpine lemming moss
Amblyodon dealbatus
Anomobryum filiforme
Aongstroemia longipes
 Bent screw moss
Bryobrittonia longipes
Bryum algovicum
Bryum amblyodon
Bryum calobryoides
Bryum schleicheri
Bryum stirtonii
Cirriphyllum cirrosum
Cyrtomnium hymenophylloides

Desmatodon laureri
Desmatodon leucostoma
Desmatodon systylius
Didymodon asperifolius
Didymodon johansenii
Didymodon subandreaeoides

Froelichian splachnum
 Globe-fruited splachnum
Hygrohypnum styriacum
Myurella tenerrima
Orthothecium strictum
Orthotrichum pallens
Orthotrichum pylaisii
Plagiobryum demissum
Plagiobryum zieri
 Porsild's bryum

Pseudoleskeella sibirica
 Red leaf moss
Seligeria campylopoda
Seligeria subimmersa
 Urn-like pogonatum

Vascular Plants

Alaska willow
 Alpine braya
 Alpine harebell
 Alpine saxifrage
 Alpine sedge
 Alpine sweet grass
 Arctic lousewort
 Arctic wintergreen
 Beautiful cotton grass
 Bluegrass
Botrychium pinnatum

Capitate sedge
Draba fladnizensis
 Drummond's cinquefoil
 Dwarf fleabane
 Flame-colored lousewort
 Glacier sedge
 Hairy cinquefoil
Huperzia haleakalae
 Lance-leaved grape fern
 Lapland reed grass
 Large-flowered lousewort
 Macoun's whitlow-grass
 Mingan grape fern
 Nodding sedge
 Northern bladderpod
 One-headed everlasting
Oxytropis campestris var davisii
Papaver radicum ssp kluanense

Scented everlasting
 Sitka columbine
 Smooth-leaved cinquefoil
 Telesonix
 Trifid-leaved fleabane
 Two-glumed rush
 Two-parted sedge
 Woolly lousewort

Vegetation Communities

Drummond's willow / veiny meadow rue
 Mountain sagewort - tall lungwort - hairy wild rye
 White spruce / fern moss

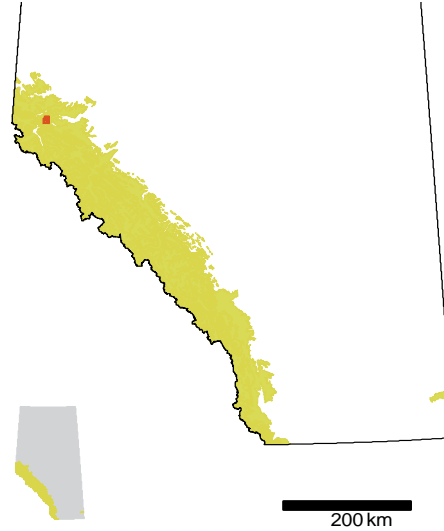
MUNICIPALITIES

Yellowhead County
 Improvement District
 No. 12 (Jasper)

Rocky Mountain

CRITERION

- 1 Contains 1 element(s) of conservation concern
- 2 Contains rare or unique landforms
Grande Cache area water gaps
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Sulphur Gates Provincial Recreation Area



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane Subalpine	River Basin(s): Peace/Slave River
---	--	---

Area:
1,090.1 hectares
10.9 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0.54** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Grizzly bear

Mosses

Homalothecium pinnatifidum

MUNICIPALITIES

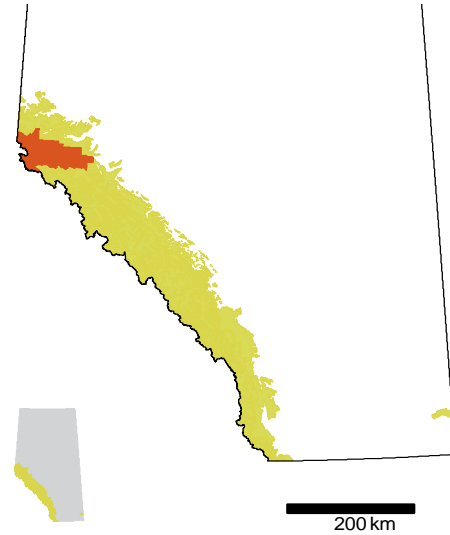
Municipal District of
Greenview No. 16

Improvement District No. 25
(Willmore Wilderness)

Rocky Mountain

CRITERION

- 1 Contains 116 element(s) of conservation concern**
- 2 Contains rare or unique landforms**
Grande Cache area water gaps
- 3 Contains habitat for focal species**
- 4 Contains important wildlife habitat**
- 5 Contains riparian areas**
 - a** Contains headwater streams
 - b** Contains intact riparian areas
 - c** Contains riparian areas along the six major rivers
- 6 Contains large natural areas**
- 7 Contains sites of recognized significance**
Canadian Rocky Mountains World Heritage Site
Willmore Wilderness Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine	Peace/Slave River
Foothills	Alpine	Athabasca River
	Upper Foothills	
	Montane	

Area:
460,541.8 hectares
4,605.4 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Astarte fritillary
 Azure darner
 Dingy arctic fritillary
 Henry's copper
 Lake emerald
 Little copper
 Magdalena alpine
 Napaea fritillary
 Pacific fritillary
 Ringed emerald

Liverworts

Barbilophozia kunzeana
Barbilophozia quadriloba
Chiloscyphus pallescens
Chiloscyphus polyanthos
Gymnomitrium concinatum
Moerckia blyttii
Pleuroclada albescens
Scapania glaucocephala
Tritomaria scitula

Mammals

Brown lemming
 Grizzly bear
 Woodland caribou - mountain ecotype

Mosses

Aloe-like rigid screw moss
 Alpine broom moss
Amblyodon dealbatus
Andreaea blyttii
Aulacomnium androgynum
 Blytt's fork moss
Bryobrittonia longipes
Bryum algovicum
Cyrtomnium hymenophylloides
Dichelyma falcatum

Drooping-leaved fork moss
Grimmia mollis
 Hair-like pogonatum
 Hercynian hair moss
Homalothecium pinnatifidum
Hygrohypnum cochlearifolium
Leskeella nervosa
 Lindberg's bog moss
 Mountain forest grimmia
Myurella tenerrima
Oligotrichum aligerum
Oligotrichum parallelum

Oreas martiana
Plagiobryum zieri
Pohlia drummondii
Pohlia obtusifolia
 Porsild's bryum
Pterygoneurum subsessile
Racomitrium aciculare
Racomitrium fasciculare
Racomitrium heterostichum
 Red rock moss
 Sharp-pointed weissia
 Spreading fringe moss
 Thread bloom moss
Timmia norvegica
 Twisted-leaved grimmia
 Urn-like pogonatum

Vascular Plants

Alaska willow
 Alpine azalea
 Alpine bitter cress
 Alpine bladder catchfly
 Alpine braya
 Alpine harebell
 Alpine saxifrage
 Alpine sweet grass

Arctic lousewort
 Arctic wintergreen
 Ascending grape fern
 Beautiful cotton grass
 Botrychium pinnatum
 Changeable willow
 Creeping fleabane
Draba fladnizensis
Draba longipes
Epilobium lactiflorum
 Flame-colored lousewort
 Forked wormwood
 Glacier sedge
 Hudson Bay sedge
Huperzia haleakalae
 Koenigia
 Large-flowered lousewort
 Lemmon's rock cress
 Mingan grape fern
 Mountain cress
 Mountain currant
 Northern rough fescue
 One-headed everlasting
 Oval-leaved blueberry
Oxytropis campestris var *davisii*
Papaver radicatum ssp *kluanense*
Pedicularis oederi
 Porsild's whitlow-grass
 Primrose
 Purple alpine sandwort
 Purple sweet cicely
 Rose mandarin
Saxifraga ferruginea
 Scented everlasting
 Seaside sedge
 Sitka columbine

ELEMENTS OF CONSERVATION CONCERN (continued)

- Snow buttercup
- Spiderplant
- Spreading stonecrop
- Steller's rock brake
- Trifid-leaved fleabane
- Two-glumed rush
- Two-parted sedge
- Wavy-leaved chickweed
- Western buttercup
- Whitebark pine
- Woolly lousewort
- Vegetation Communities**
- Northern rough fescue - hairy wild rye
- Northern rough fescue - tufted hair grass
- Whitebark pine - lodgepole pine / ground juniper - hairy wild rye - twinflower

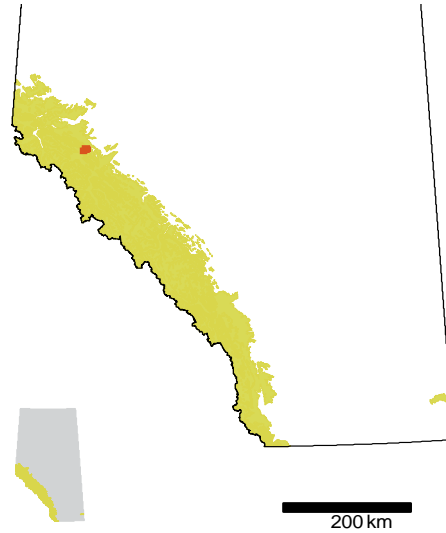
MUNICIPALITIES

- Improvement District No. 25 (Willmore Wilderness)
- Improvement District No. 12 (Jasper)
- Municipal District of Greenview No. 16
- Yellowhead County

Rocky Mountain

CRITERION

- 1 Contains 5 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Rock Lake Provincial Park
 - Rock Lake-Solomon Creek Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain Foothills	Subalpine Upper Foothills Alpine	Athabasca River

Area:
3,237.3 hectares
32.4 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.51 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Mosses

- Amblyodon dealbatus*
- Didymodon johansenii*
- Orthothecium strictum*
- Thread bloom moss

Vascular Plants

- Ascending grape fern

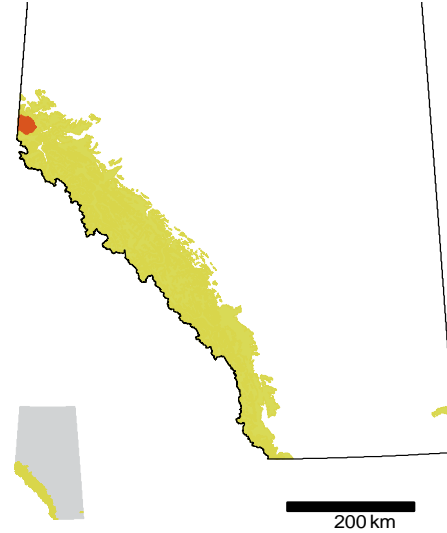
MUNICIPALITIES

- Yellowhead County
- Improvement District No. 25
(Willmore Wilderness)

Rocky Mountain

CRITERION

- 1 Contains **56** element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Kakwa Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Subalpine Alpine	River Basin(s): Peace/Slave River
---	---	---

Area:
65,635.9 hectares
656.4 km²

Density of Human Features:
 Well **0** heads/km²
 Road **0** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Liverworts

Athalamia hyalina

Mammals

Brown lemming

Grizzly bear

Woodland caribou - mountain ecotype

Mosses

Anomobryum filiforme

Bryum knowltonii

Cirriphyllum cirrosum

Cynodontium tenellum

Dichelyma falcatum

Didymodon johansenii

Didymodon subandreaeoides

Donian beardless moss

Drepanocladus crassicosatus

Mnium ambiguum

Myurella tenerrima

Orthothecium intricatum

Orthothecium strictum

Orthotrichum pallens

Philonotis marchica

Scouleria aquatica

Seligeria campylopoda

Seligeria subimmersa

Sharp-pointed weissia

Timmia norvegica

Twisted-leaved grimmia

Vascular Plants

Alpine bladder catchfly

Alpine saxifrage

Alpine sweet grass

Arctic lousewort

Arctic wintergreen

Botrychium pinnatum

Changeable willow

Creeping fleabane

Draba longipes

Epilobium lactiflorum

Flame-colored lousewort

Hudson Bay sedge

Large-flowered lousewort

Lemmon's rock cress

Macoun's whitlow-grass

Mountain cress

Narrow sedge

One-headed everlasting

Papaver radicum ssp kluanense

Porsild's whitlow-grass

Purple alpine sandwort

Purple sweet cicely

Raup's willow

Saxifraga ferruginea

Small-flowered Indian paintbrush

Snow buttercup

Spike redtop

Stem-clasping arnica

Trifid-leaved fleabane

Two-parted sedge

Wavy-leaved chickweed

Western buttercup

Western red cedar

MUNICIPALITIES

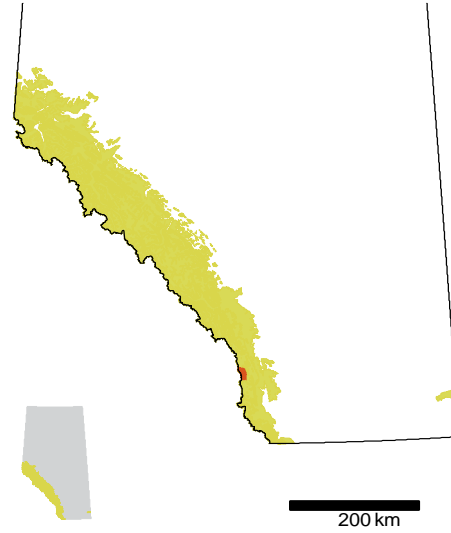
Municipal District of Greenview No. 16

Improvement District No. 25 (Willmore Wilderness)

Rocky Mountain

CRITERION

- 1 Contains 6 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Beehive Natural Area



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Subalpine Alpine	River Basin(s): Oldman River
---	---	--

Area:
6,733.6 hectares
67.3 km²

Density of Human Features:
 Well **0.01** heads/km²
 Road **0** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN

Liverworts

Scapania cuspiduligera

Mammals

Grizzly bear

Mosses

Donian grimmia

Drepanocladus crassicosatus

Myurella tenerrima

Vascular Plants

Lance-leaved grape fern

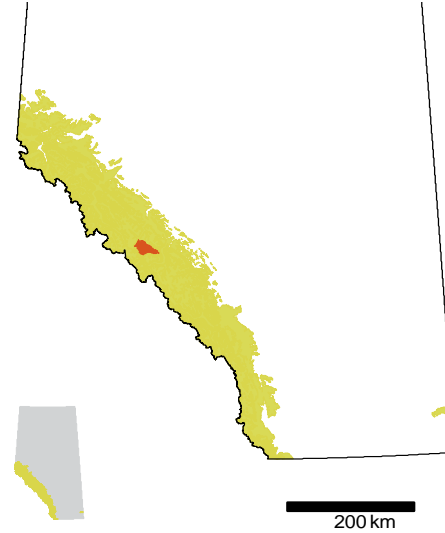
Whitebark pine

MUNICIPALITIES

Municipal District of
Ranchland No. 66

CRITERION

- 1 Contains 10 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Canadian Rocky Mountains World Heritage Site
 - White Goat Wilderness Area



Rocky Mountain

ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Alpine Subalpine Montane	North Saskatchewan River

Area:	44,537.7 hectares 445.4 km ²
Density of Human Features:	Well 0 heads/km ² Road 0 km/km ² Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Astarte fritillary

Henry's copper

Little copper

Mammals

Woodland caribou -
mountain ecotype

Vascular Plants

Alpine sweet grass

Arctic lousewort

Epilobium clavatum

Huperzia haleakalae

Lapland rose-bay

Pale alpine fleabane

Papaver radicum ssp
kluanense

MUNICIPALITIES

Clearwater County

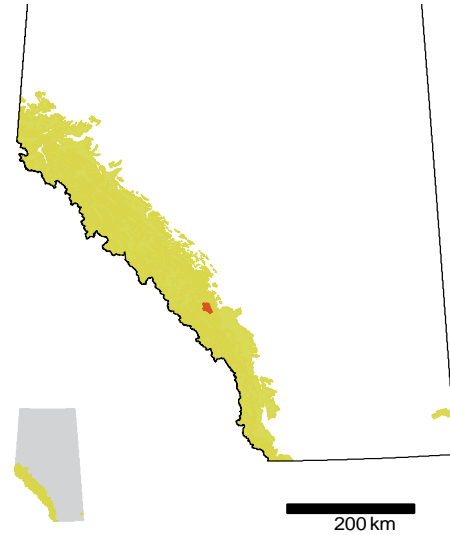
Improvement District
No. 12 (Jasper)

Improvement District
No. 9 (Banff)

Rocky Mountain

CRITERION

- 1 Contains 6 element(s) of conservation concern
- 2 Contains rare or unique landforms
Ghost River-Waiparous Creek braided streams
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Canadian Rocky Mountains World Heritage Site
Ghost River Wilderness Area



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Alpine Subalpine	Bow River Red Deer River

Area:
15,220.2 hectares
152.2 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Henry's copper

Mosses

Bryum cyclophyllum

Bryum schleicheri

Bryum turbinatum

Large grimmia

Vascular Plants

Sandwort

MUNICIPALITIES

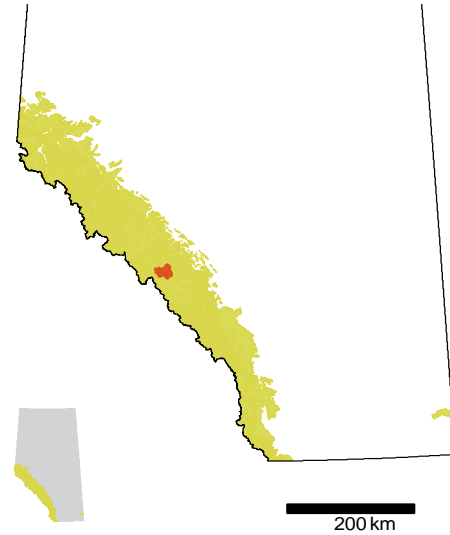
Municipal District of
Bighorn No. 8

Improvement District
No. 9 (Banff)

Rocky Mountain

CRITERION

- 1 Contains 4 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Canadian Rocky Mountains World Heritage Site
 - Kootenay Plains Ecological Reserve
 - Siffleur Wilderness Area



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Alpine Subalpine Montane	North Saskatchewan River

Area:	42,479.8 hectares 424.8 km ²
Density of Human Features:	Well 0 heads/km ² Road 0 km/km ² Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Grizzly bear

Woodland caribou -
mountain ecotype

Vascular Plants

Huperzia haleakalae

Lance-leaved grape fern

Sitka romanzoffia

Tiny-flowered fescue

MUNICIPALITIES

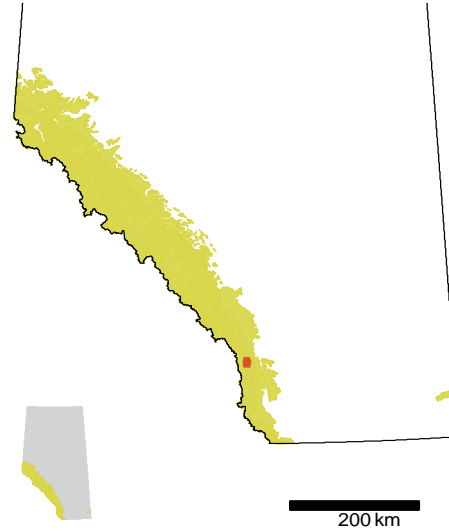
Clearwater County

Improvement District
No. 9 (Banff)

Rocky Mountain

CRITERION

- 1 Contains 29 element(s) of conservation concern
- 2 Contains rare or unique landforms
Plateau Mountain Area limestone pavement
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Plateau Mountain Ecological Reserve



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Alpine Subalpine	Oldman River Bow River

Area:
2,333.0 hectares
23.3 km ²
Density of Human Features:
Well 0.17 heads/km ²
Road 0.52 km/km ²
Pipeline 0.23 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Astarte fritillary
Henry's copper
Little copper
Pacific fritillary

Liverworts

Athalamia hyalina

Mammals

Grizzly bear

Mosses

Alpine grimmia
Alpine lemming moss
Blunt-leaved hair moss
Brachythecium plumosum
Bryum amblyodon
Bryum calophyllum
Bryum pallens
Cirriphyllum cirrosum
Desmatodon systylius
Donian beardless moss
Donian grimmia
Fissidens limbatus

Vascular Plants

Alpine bladder catchfly
Alpine harebell
Browned sedge

Dwarf bitter-root
Early buttercup
Flame-colored lousewort
Front-range fleabane
Lemmon's rock cress
Porsild's whitlow-grass
Scribner's wheat grass
Shrubby beardtongue
Whitebark pine

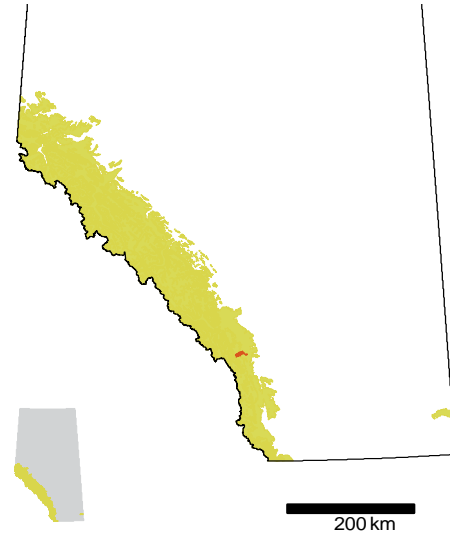
MUNICIPALITIES

Kananaskis Improvement District

Rocky Mountain

CRITERION

- 1 Contains 5 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Bluerock Wildland Provincial Park
 - Sheep River Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane Subalpine	Bow River

Area:
6,182.7 hectares
61.8 km ²
Density of Human Features:
Well 0.02 heads/km ²
Road 0.41 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Liverworts

Cephaloziella hampeana

Mammals

Grizzly bear

Long-eared bat

Mosses

Donian grimmia

Vascular Plants

Capitate sedge

Creeping fleabane

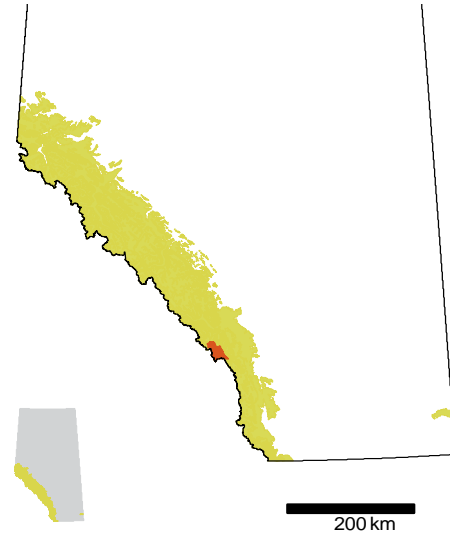
MUNICIPALITIES

Kananaskis Improvement District

Rocky Mountain

CRITERION

- 1 Contains **63** element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Canadian Rocky Mountains World Heritage Site
 - Elbow-Sheep Wildland Provincial Park
 - Peter Lougheed Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine Alpine	Bow River

Area:
51,305.8 hectares
513.1 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.15 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Henry's copper
Lance-tipped darner
Little copper
Pacific fritillary

Liverworts

Anastrophyllum michauxii
Jungermannia sphaerocarpa
Marchantia alpestris
Scapania curta
Tritomaria scitula

Mammals

Grizzly bear

Mosses

Alpine grimmia
Amblyodon dealbatus
Awl-leaved fork moss
Blunt-leaved hair moss
Bryum algovicum
Bryum pallens
Donian beardless moss
Donian grimmia
Homalothecium nevadense
Homalothecium pinnatifidum
Hygrohypnum styriacum
Hypnum recurvatum

Large-fruited splachnum
Maidenhair moss
Mnium ambiguum
Narrow-leaved Chinese phoenix moss

Orthotrichum pallens
Pohlia drummondii
Pseudoleskea patens
Pseudoleskea stenophylla
Scouleria aquatica
Seligeria campylopoda
Timmia norvegica

Vascular Plants

Alpine harebell
Alpine sedge
Awnless trisetum
Bluegrass
Botrychium pinnatum
Botrychium spathulatum
Broom sedge
Changeable willow
Draba longipes
Epilobium clavatum
Epilobium lactiflorum
Kananaskis whitlow-grass
Lance-leaved grape fern
Lemmon's rock cress

Long-leaved arnica
Macoun's whitlow-grass
Mingan grape fern
Mountain bladder fern
Mountain cress
Open sedge
Parry's rush
Porsild's whitlow-grass
Rockstar
Short-tail rush
Shrubby beardtongue
Smooth-leaved cinquefoil
Steller's rock brake
Two-glumed rush
Western larch
Willow

Vegetation Communities

Engelmann spruce / rock willow

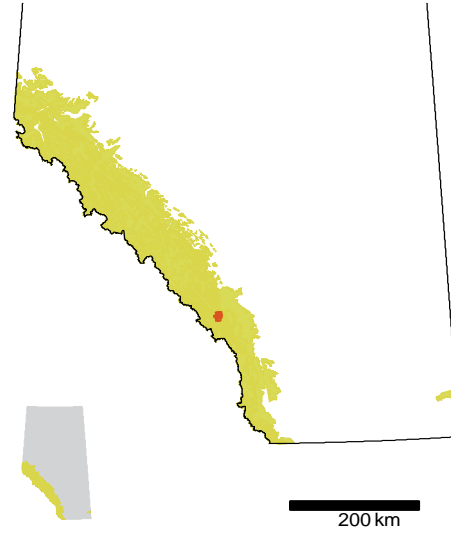
MUNICIPALITIES

Kananaskis Improvement District
Improvement District
No. 9 (Banff)

Rocky Mountain

CRITERION

- 1 Contains 20 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Evan-Thomas Provincial Recreation Area



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane Subalpine Alpine	Bow River

Area:
2,431.3 hectares
24.3 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.77 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Gillette's checkerspot

Liverworts

Lophozia badensis

Pellia endiviifolia

Mammals

Grizzly bear

Mosses

Bryum muehlenbeckii

Cirriphyllum cirrosum

Cuspidate earth moss

Desmatodon systylius

Donian beardless moss

Maidenhair moss

Myurella tenerrima

Porsild's bryum

Timmia norvegica

Vascular Plants

Alpine foxtail

Alpine saxifrage

Flame-colored lousewort

Hairy cinquefoil

Lance-leaved grape fern

Macoun's cinquefoil

Mingan grape fern

Pasture sedge

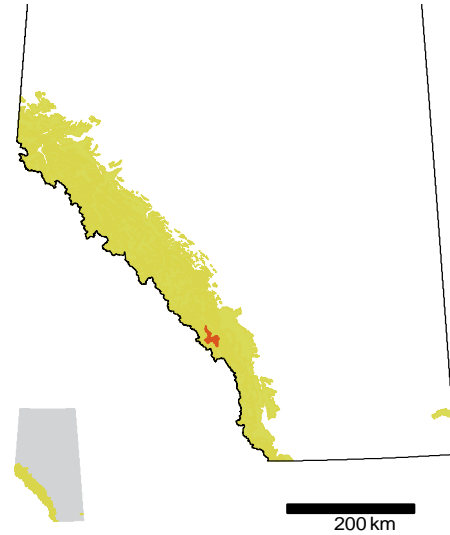
MUNICIPALITIES

Kananaskis Improvement District

Rocky Mountain

CRITERION

- 1 Contains 23 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Canadian Rocky Mountains World Heritage Site
 - Spray Valley Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine Alpine Montane	Bow River

Area:
25,525.3 hectares
255.3 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.37 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Liverworts Purple sweet cicely
Lophozia ascendens Western larch

Mammals
Grizzly bear

Mosses
Bent screw moss
Bryum muehlenbeckii
Cirriphyllum cirrosum
Donian beardless moss
Fissidens limbatus
Homalothecium nevadense
Large-fruited splachnum
Pohlia drummondii
Seligeria campylopoda
Short-beaked rigid screw moss
Timmia norvegica
Twisted-leaved grimmia

Vascular Plants
Ascending grape fern
Bluegrass
Epilobium luteum
Huperzia haleakalae
Kananaskis whittow-grass
Macoun's cinquefoil
Macoun's whittow-grass
Mountain cress

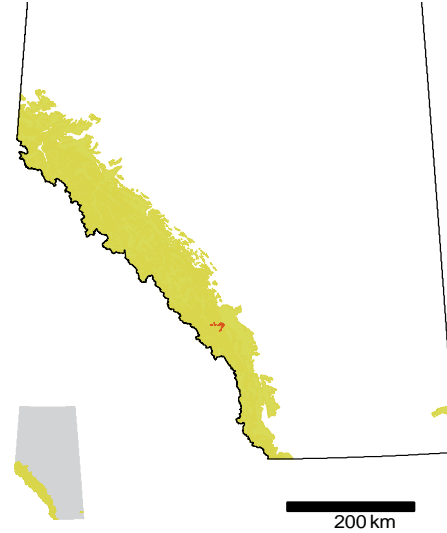
MUNICIPALITIES

Kananaskis Improvement District
Improvement District
No. 9 (Banff)

Rocky Mountain

CRITERION

- 1 Contains **42** element(s) of conservation concern
- 2 Contains rare or unique landforms
Lac des Arcs fluviatile lakes, alluvial fan dammed lakes
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Bow Valley Provincial Recreation Area
Elbow-Sheep Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Montane Subalpine	Bow River

Area:
3,370.4 hectares
33.7 km ²
Density of Human Features:
Well 0 heads/km ²
Road 1.28 km/km ²
Pipeline 0.26 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Birds

Hooded merganser

Insects

Sheridan's green hairstreak

Thicket hairstreak

Variiegated meadowhawk

Western red damsel

Mammals

Grizzly bear

Mosses

Amblyodon dealbatus

Bent screw moss

Blunt-leaved hair moss

Bryum algovicum

Bryum muehlenbeckii

Bryum pallens

Bryum uliginosum

Cirriphyllum cirrosum

Common extinguisher moss

Conardia compacta

Cyrtomnium hymenophylloides

Didymodon subandreaeoides

Fallacious screw moss

Green-cushioned weissia

Hygroamblystegium tenax

Hypnum pallescens

Hypnum procerrimum

Jaffueliobryum wrightii

Maidenhair moss

Narrow-leaved Chinese phoenix moss

Orthotrichum pallens

Orthotrichum pumilum

Plagiobryum zieri

Rigid screw moss

Vascular Plants

Corymbose everlasting

Crawe's sedge

Dwarf bulrush

Gaston's cliff brake

Mingan grape fern

Parry's sedge

Pellaea glabella ssp occidentalis

Pellaea glabella ssp simplex

Porsild's whitlow-grass

Slender-leaved sundew

Smooth cliff brake

Smooth woodsia

Tufted tall manna grass

MUNICIPALITIES

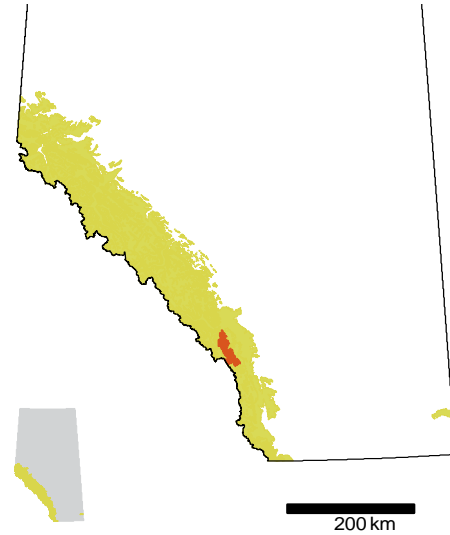
Kananaskis Improvement District

Municipal District of
Bighorn No. 8

Rocky Mountain

CRITERION

- 1 Contains 45 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Bluerock Wildland Provincial Park
 - Bow Valley Provincial Recreation Area
 - Don Getty Wildland Provincial Park
 - Elbow-Sheep Wildland Provincial Park
 - Peter Lougheed Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine Alpine Montane	Bow River

Area:
80,008.7 hectares
800.1 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.07 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Little copper
 Pacific fritillary
 Sheridan's green hairstreak
 Variegated meadowhawk

Mammals

Grizzly bear

Mosses

Alpine grimmia
Amblyodon dealbatus
Bryum muehlenbeckii
Cirriphyllum cirrosum
Didymodon subandreaeoides
 Donian beardless moss
 Donian grimmia
 Fallacious screw moss
Homalothecium nevadense
Hypnum procerrimum
 Maidenhair moss
 Narrow-leaved Chinese phoenix moss
 Short-beaked rigid screw moss
Timmia norvegica

Vascular Plants

Alpine harebell
Botrychium pinnatum
 Corymbose everlasting

Draba ventosa
Epilobium clavatum
 Gaston's cliff brake
 Hairy cinquefoil
 Kananaskis whitlow-grass
 Lemmon's rock cress
 Long-leaved arnica
 Macoun's whitlow-grass
 Mingan grape fern
 Northern bladderpod
 Pale alpine fleabane
 Parry's rush
Pellaea glabella ssp simplex
 Porsild's whitlow-grass
 Rockstar
 Scented everlasting
 Scribner's wheat grass
 Slender bog orchid
 Smooth cliff brake
 Smooth woodsia
 Spreading stonecrop
 Tiny-flowered fescue
 Two-glumed rush
 Western larch

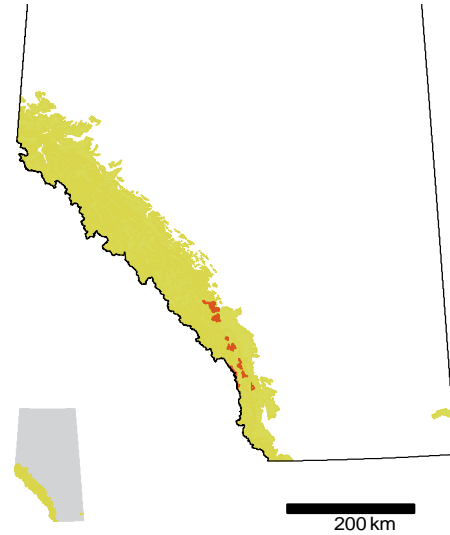
MUNICIPALITIES

Kananaskis Improvement District

Rocky Mountain

CRITERION

- 1 Contains 34 element(s) of conservation concern**
- 2 Contains rare or unique landforms**
 Ghost River Area klippes
 Kananaskis Country karst caves, joint caves
- 3 Contains habitat for focal species**
- 4 Contains important wildlife habitat**
- 5 Contains riparian areas**
 - a** Contains headwater streams
 - b** Contains intact riparian areas
 - c** Contains riparian areas along the six major rivers
- 6 Contains large natural areas**
- 7 Contains sites of recognized significance**
 Canadian Rocky Mountains World Heritage Site
 Bluerock Wildland Provincial Park
 Don Getty Wildland Provincial Park
 Elbow-Sheep Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain	Subalpine	Bow River
Foothills	Alpine	Red Deer River
	Montane	Oldman River
	Upper Foothills	

Area:
63,092.2 hectares
630.9 km ²
Density of Human Features:
Well 0 heads/km ²
Road 0.01 km/km ²
Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Insects

Astarte fritillary

Little copper

Liverworts

Pellia neesiana

Mammals

Grizzly bear

Mosses

Alpine grimmia

Awl-leaved fork moss

Cirriphyllum cirrosum

Desmatodon leucostoma

Donian grimmia

Homalothecium nevadense

Mnium ambiguum

Schistidium pulvinatum

Vascular Plants

Alpine harebell

Broad-scaled sedge

Conimitella williamsii

Corymbose everlasting

Draba ventosa

Dwarf bitter-root

Early buttercup

Epilobium clavatum

Gaston's cliff brake

Lemmon's rock cress

Little-seed rice grass

Long-leaved arnica

Northern bladderpod

One-headed everlasting

Pale alpine fleabane

*Papaver radicum ssp
kluanense*

Parry's rush

Prairie false dandelion

Primrose

Scented everlasting

Scribner's wheat grass

Shrubby beardtongue

Smooth woodsia

MUNICIPALITIES

Municipal District of
Bighorn No. 8

Kananaskis Improvement District

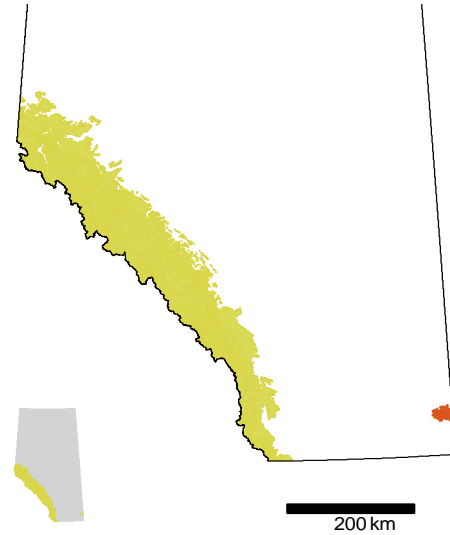
Municipal District of
Ranchland No. 66

Improvement District
No. 9 (Banff)

Rocky Mountain

CRITERION

- 1 Contains 50 element(s) of conservation concern
- 2 Contains rare or unique landforms
Cypress Hills Area ventifacts
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Cypress Hills Provincial Park



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain Grassland	Montane Mixedgrass	Milk River South Saskatchewan River

Area:
53,037.2 hectares
530.4 km ²
Density of Human Features:
Well 0.20 heads/km ²
Road 0.75 km/km ²
Pipeline 0.03 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Amphibians and Reptiles

Leopard frog

Birds

Ferruginous hawk

Trumpeter swan

Western burrowing owl

Insects

Arrowhead blue

Blue-eyed darner

Icarioides blue

Lance-tipped darner

Pacific forktail

Pronghorn clubtail

Rocky Mountain dotted blue

Striped meadowhawk

Twelve-spotted skimmer

Woodland skipper

Mosses

Aulacomnium androgynum

Brachythecium rutabulum

Bryum algovicum

Bryum uliginosum

Dicranum ontariense

Hygroamblystegium tenax

Pseudoleskea patens

Pseudoleskea stenophylla

Vascular Plants

American pellitory

Biscuit-root

Blunt-leaved yellow cress

Botrychium michiganense

Botrychium pallidum

Botrychium pedunculatum

Broad-scaled sedge

Bushy cinquefoil

Carex saximontana

Chenopodium incanum

Dwarf fleabane

Dwarf grape fern

Early buttercup

Eaton's aster

Flowering-quillwort

Hooker's sedge

Leafy pondweed

Low yellow evening-primrose

Mingan grape fern

Nevada rush

Paradoxical grape fern

Pasture sedge

Pinesap

Rockstar

Small-flowered hawk's-beard

Smooth sweet cicely

Spike redtop

Waterpod

White adder's-mouth

Vegetation Communities

Round-leaved hawthorn /
cow parsnip - common nettle -
western Canada violet

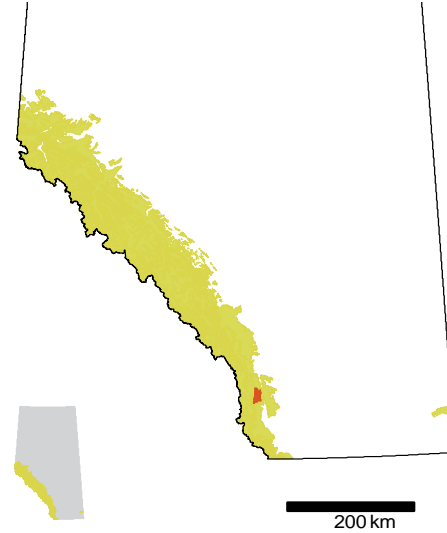
MUNICIPALITIES

Cypress County

Rocky Mountain

CRITERION

- 1 Contains 9 element(s) of conservation concern
- 2 Contains rare or unique landforms
 - Thunder Mountain Area water gaps
 - Whaleback Ridge hogbacks
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - Bob Creek Wildland Provincial Park



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain	Natural Subregion(s): Montane Subalpine	River Basin(s): Oldman River
---	--	--

Area:
20,776.5 hectares
207.8 km²

Density of Human Features:
Well 0 heads/km²
Road 0.02 km/km²
Pipeline 0 km/km²

ELEMENTS OF CONSERVATION CONCERN

Mammals

Grizzly bear

Mosses

Hygrohypnum styriacum

Rigid screw moss

Vascular Plants

Blue camas

Conimitella williamsii

Eaton's aster

Intermediate hawk's-beard

Linear-leaved scorpionweed

Western ribgrass

Vegetation Communities

Whitebark pine / ground juniper -
common bearberry

MUNICIPALITIES

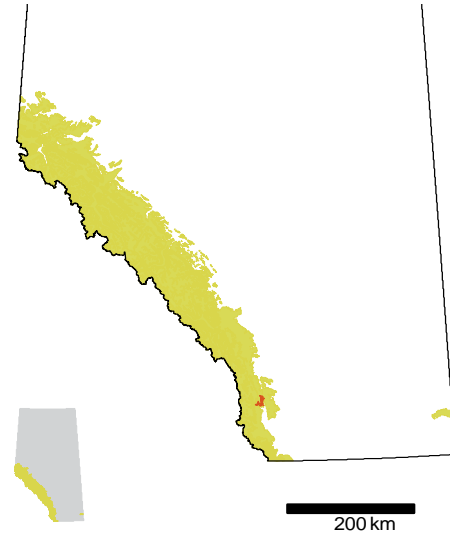
Municipal District of
Ranchland No. 66

Municipal District of
Pincher Creek No. 9

Rocky Mountain

CRITERION

- 1 Contains 8 element(s) of conservation concern
- 2 Contains rare or unique landforms
Whaleback Ridge hogbacks
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
Black Creek Heritage Rangeland



ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Rocky Mountain Grassland	Montane Foothills Fescue	Oldman River

Area: 7,712.7 hectares 77.1 km ²
Density of Human Features: Well 0.01 heads/km ² Road 0 km/km ² Pipeline 0 km/km ²

ELEMENTS OF CONSERVATION CONCERN

Vascular Plants

Blue camas

Conimitella williamsii

Dwarf fleabane

Intermediate hawk's-beard

Meadow aster

Smooth-leaved cinquefoil

Western false-asphodel

Western ribgrass

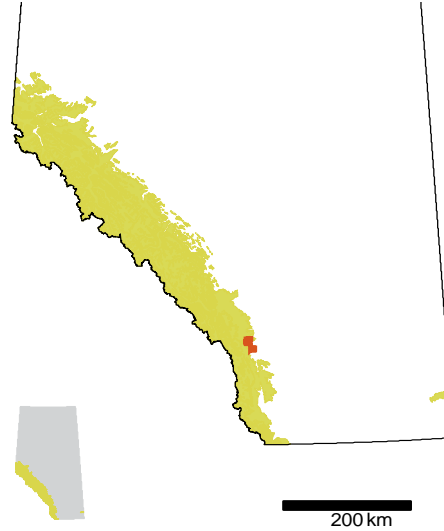
MUNICIPALITIES

Municipal District of
Ranchland No. 66

Rocky Mountain

CRITERION

- 1 Contains 0 element(s) of conservation concern
- 2 Contains rare or unique landforms
- 3 Contains habitat for focal species
- 4 Contains important wildlife habitat
- 5 Contains riparian areas
 - a Contains headwater streams
 - b Contains intact riparian areas
 - c Contains riparian areas along the six major rivers
- 6 Contains large natural areas
- 7 Contains sites of recognized significance
 - OH Ranch Heritage Rangeland



ESA CHARACTERISTICS

Natural Region(s): Rocky Mountain Parkland	Natural Subregion(s): Montane Foothills Parkland	River Basin(s): Bow River
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Area:
4,270.5 hectares
42.7 km²

Density of Human Features:
 Well **0.14** heads/km²
 Road **0.10** km/km²
 Pipeline **0** km/km²

ELEMENTS OF CONSERVATION CONCERN



MUNICIPALITIES

Municipal District of
Foothills No. 31
Kananaskis Improvement District