

Ecological Reserve No.: 110  
Order-in-Council No.: 1099  
File Number: 3400221  
Name of Reserve: McQueen Creek Grassland  
Date Established: June 9, 1982  
Map Location: In the Batchelor Hills, 5 km N of Westsyde near Kamloops.  
Legal Description: The parcel or tract of land commencing at a point 200 metres due west of the northeast corner of Section 30, Township 21, Range 17, west of the 6th Meridian, being in the Kamloops Division of Yale Land District, thence due west 500 metres along the northerly boundary of said section, thence due south 700 metres, thence due east 500 metres, thence due north 700 metres to the point of commencement, which is a total of 35 hectares.  
Area: 35 ha (86.5 acres)  
Object and Community Type Conserved: An exceptionally well-preserved small sample of grassland ecosystems and adjacent forest in the wetter subzone of the Ponderosa pine bunchgrass zones will be conserved. As well the long term survival of a number of attractively flowering plants will be ensured.  
Biogeoclimatic zone: Ponderosa pine-bunch grass  
Surveyors: H. Roemer and D. Zirul  
I.B.P. Report: 321  
Photographs: Air photo reference No. B.C. 7647:213,214  
Map Location Reference: 92-I/15

WS for proposal / 1979 \* (4)

top hill S of Mc-Queen Creek (in "Dairy Pasture")

IV slope with uneven Douglas fir forest, fairly young  
± 20 years of age

- / Pseudotsuga m.
- / Calamagrostis rubescens
- / Spiraea lucida
- / Poa pratensis
- / Coodyera oblongifolia
- / Mahonia aquifolium
- ✦ Agoseris sp.
- / Arnica cordifolia
- / Rhytidadelphus triquetrus
- / Dorian scoparium
- / Pleurozium schreberi
- / Hylacomium splendens
- / Polium crista-castrensis
- / Timmia austriaca

- ✦ / Carex like pennsylvanica coll.
- / Taraxacum officinale
- / Peltogera aphthosa
- ✦ / Carex cf. concinnoides coll.
- #

- / Hieracium canadense
- / Allium cernuum

still N side, open:

- / Allium cernuum
- / Heuchera cylindrica
- / Lithophragma parviflora
- / Antennaria ~~sp.~~ parviflora

Opuntia fragilis

On E. slope:

- / dom. Festuca scabrella
- ✦ / Castilleja cf. Thompsonii
- still more exposed: + mesophylls combined with others (above)
- / and Agropyron spicatum

- / Festuca scabrella
- / Zygadenus venenosus
- / Crepis atribarba ← Callisera parviflora
- ✦ ~~Ceanothus triflorus~~ ← Comandra umbellata
- ✦ Aster sp. almost linear leaves
- / Dodecatheon conjugens ← Antennaria rosea
- ✦ Tragopogon yellow
- / (Agropyron spicatum)
- / Fritillaria pudica
- / Ranunculus glaberrimus
- / Saxifraga integrofolia
- ✦ Castilleja coll. yellow
- ✦ Comandra "multisectum"
- ✦ Erigeron ~~littoralis~~
- ✦ Erigeron hypoleucell.
- / Erigeron compositus

- more exposed:
- / Sellaginella wallacei
- % open ground quite substantial
- / Penstemon fruticosus
- / Achillea millefolium
- / Antennaria umbricella (red)
- / Antennaria parviflora (coll)
- / Aster "Stenomeres"
- / Koeleria cristata
- ✦ Phacelia heterophylla
- ✦ ~~Hydrophyllum~~ pale yellow
- / Bromus tectorum
- ✦ Artemisia "michauxiana"
- / Poa sandbergii

E side of hill:

- / Arabis holboellii
- / Chrysanthemum nauseus
- ~~† Festuca like gracillima (coll. in D. fir forest)~~
- ~~Lithospermum nudicale~~
- ~~Sedum multicaule~~

On flattish top:

community of

- / Agropyron spicatum
- ▶ Erigeron radiatus
- / Balsamorhiza sag. (few)
- ▶ Artemisia "michauxiana"
- / Antennaria umbrellata

some open ground

- / Crepis atribarba
- / Arabis holboellii
- / Poa sandbergii
- ▶ Aster like Stenomeris coll.
- ▶ Lomatium "multisectum"
- / Selaginella wallacei
- / Koeleria pyramidata
- / Achillea millefolium
- / Antennaria parviflora

SE edge with a lot

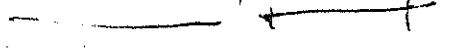
of open ground, almost pure

- / Agropyron spicatum
- ~~some Hydrophyllum~~
- / Opuntia fragilis
- / Descurainia coll.
- / Androsace septentrionalis
- / Erigeron white-flowered coll.
- / Delphinium nuttallianum

On N-End of hill

mining claim No. 328365M  
 claim name Noble No. 19  
 & Noble No. 20<sup>328366M</sup>

staked April 16, 1972



"Continuation of Dairy Creek / Mc. Queen Creek"

N of Dairy Creek, large rounded knoll:

S slope and top:

- / Agropyron spicatum
- / Balsamorhiza sagittata
- / Achillea mille.
- / Astragalus coll.
- / Koeleria pyramidata
- / Erigeron sp. white-flowered coll.
- / Lithospermum nudicaule

Festuca scabrella on northern fringe, near trees only

Hill NW of Westside, very little grazing \* 7

(above two lakes) this is the southern of 2 similar hills

/ N and E slope: scattered: Chrysothamnus nauseosus

/ dominant: Agropyron spicatum

small depressions & shallow draws with

- Festuca scabrella
- ~~Hemlock~~ / Hemlock cylindrica
- / Allium cernuum
- Lithophragma
- Saxifraga integrifolia
- / Podopogon conjugens
- Cladonia mitis
- Cetraria nivalis

hilltop: Arctica mollis coll.

- / Crepis atrorhiza
- Erigeron radiatus
- Zygadenus venenosus

*Delphinium nuttallianum*  
*Eriogonum* sp.  
 / *Collinsia parviflora*  
 / *Arabis*  
*Lomatium*  
*Koeleria cristata*  
*Poa sandbergii*

exposed areas: *Selaginella wallacii*  
*Aster linear-leaved* } coll.  
*Erigeron white*  
*Tragopogon*  
*Antennaria* coll.  
*Fritillaria pudica*  
*Erigeron compositus*  
*Anemone alba*

trees are: *Pseudotsuga* on SW side  
*Pinus ponderosa*  
*Acer glabrum* NW side

steep northern slopes with *Dicranum scoparium*  
*Ranunculus glaberrimus*  
*Stellaria* (annual)  
 / *Cerastium arvense*  
*Cumula triflorum*  
 / *Adiantum multiflorum*  
*Shepherdia canadensis*

*Pentstemon fruticosus*  
*Poa cf. gracillima* (coll.)

*Pseudotsuga* forest  
 with *Lithospermum* & *Solidago multicaulis*  
 + open ground

Westside (3) (8) \*

few *Artemisia fridentata*  
above lakeshore *Anemone "multifida"*  
in scree: *Anemone*  
*Prunus virginiana*  
*Symphoricarpos albus*

less common here *Castilleja cf. thompsonii*

~~in a scree, *Anemone* *multifida*~~