

MC001 - MC007

Survey ID _____

BOTANICAL FIELD RECONNAISSANCE REPORT
Helena-Lewis and Clark National Forest

entered NRM 10/24/16
MM ✓

Project: Moose Creek

District: WSS

Survey Area ID: 011507030403-MC001-007

Survey Name:

Survey Date(s): 9/8/16

Surveyor/s:

Smits, S J. Dumont

USGS Quad:

Location:

T

R

S

1/4

1/16

UTM: NAD 83

Zone

E

N

GPS unit/device

Trimble

Avenza

- Sabrcw

Other: _____

Error +

Location/Directions to Survey Area:

WSS → 12E → 89N → Sheep Creek Rd into Moose Creek V-veg project area. One unit along Sheep Creek Rd, the rest past gate on Allen Park Rd (6416)

See Map

Survey type: Field Check; Cursory; General; Intuitive Controlled; Complete

Describe survey route/effort taken:

walked through each unit, focused on riparian areas & open ridges.

Target Species:

See Table

Describe general habitat(s): Type, common species, plant associations, unique features, etc.:

Lodgepole/douglas fir. Some ponderosa. Units typically identified riparian areas (based on aerial analysis). Nearly all had riparian veg, either thin stream or marshy meadow w/ meandering stream.

Management History/Current Uses:

timber, range, rec

Seral Stage: early mid late

Slope/s:

↑
various →

Aspect/s:

Elevation:

~~1150~~

Soil/Bedrock:

SPECIAL STATUS PLANTS (federally listed, FS sensitive)

Any known/historical populations in the project area? (Include species and EO#)

No

Any new populations found in the project area? (Include species and EO#)

No

Presence of Suitable Habitat for Listed Species (Provide brief explanation of why habitat is unsuitable or where suitable habitat occurs)

SENSITIVE SPECIES	SUITABLE?	EXPLANATION	PHOTO # OF SUITABLE HABITAT?
<i>Amerorchis rotundifolia</i>	N		
<i>Aquilegia brevistyla</i>	Y		
<i>Astragalus lackschewitzii</i>	N		
<i>Botrychium crenulatum</i>	Y		
<i>Botrychium paradoxum</i>	Y		
<i>Cypripedium passerinum</i>	Y		
<i>Cypripedium parviflorum</i>	Y		
<i>Drosera anglica</i>	N		
<i>Drosera linearis</i>	N		
<i>Epipactis gigantea</i>	N		
<i>Goodyear repens</i>	Y		
<i>Grindelia howellii</i>	N		
<i>Micranthes tempestiva</i>	N		
<i>Oxytropis podocarpa</i>	N		
<i>Phlox kelseyi v. missoulensis</i>	N		
<i>Pinus albicaulis</i>	N		
<i>Polygonum austini</i>	N		
<i>Schoenoplectus subterminalis</i>	N		
<i>Thalictrum alpinum</i>	N		
<i>Veratrum californicum</i>	Y		
<i>Spiranthes diluvialis</i>	N		

SPECIAL HABITATS (fens, sphagnum-peat community, meadows, old growth, whitebark pine, etc)

wet meadow, riparian

DISTURBANCE/RISK OF INVASION (circle all that apply)*:

- timber harvest,
- reforestation,
- adjacent to urban
- trails,
- hydroelectric,
- fuels reduction,
- vegetation mgt
- mining,
- erosion,
- other disturbance:
- recent fire,
- lack of vegetation,
- recreation use,
- invasive species,
- rangeland use,
- roads,
- wasteland/fill site,

Explain in greater detail any disturbance noted above:

Any new infestations found in the project area? (Include species; describe and provide GIS/GPS data for infestation)

***Attach a complete species list and a map with route surveyed.

SPECIES LIST AND LOCATION MAP(S)

①

- Poa trem.
- Phleum alpinum/pratense
- Lupinus
- Poa pratense
- Adiantum mill
- Frag. vieg
- Tritidum pratense -
- Geranium
- Rosa woodsii
- Taraxacum officinale
- Thlaspi
- Bromus car.
- Cirsium ~~hedei~~ hedei
- Aster
- Bromus inermis
- Berberis repens
- Potentilla gracilis
- J. commisus
- Galium boreale
- Antennaria sp.
- Cirsium sp.
- Agosca's glauca
- PSME
- Arc. uva-ursi
- Stipa Nelsonii
- Campanula sp
- Pasiphora frutescens
- Hounds tongue
- Jamah
- Solidago
- Tragopogon dubios

- PICO/PSME + this riparian area
- Lupinus (silky)
- Rubus berry
- J. commisus
- Antennaria race
- Berberis repens
- 5-needle pine (Flex)
- Cirsium hedei
- Polytrichum (moss)
- Symphoricarpos
- Arc. uva-ursi
- Heiactium (yellow)
- Coralorhiza mac
- Calamagrostis villosa
- Narcissium sic
- Chimaphila umbellata
- Spirea betulosa
- Canada thistle
- *Rocky, drainage. Strag but
- Not mesic species @ top
- Unknown common scabrous aster
- Achillea millefolium
- Cirna latifolia
- Geranium viscos
- Elymus glaucus
- Phleum p.
- Heracleum lanatum
- Fragaria virginata
- Cirsium hulger
- Prunella v.
- Hewchra cylindria
- Symphoricarpos sp.
- Rosa woodsii
- Rubus d. (raspberry)
- Senecio tr.
- Campanula

- Mimulus guttatus
- M. tenuisii
- Cardamine
- Marchantia poly.
- Geum "Macrophylla"
- Veronica americana
- Saxifraga
- Pyrola asarifolia
- Vida sp.
- Trustad stalk
- Aquilegia (?) took pt.
- Osmorhiza chil.
- Geranium rich.
- Ribes lact.
- Anaphalis margarita
- Arnica cordifolia
- Salix

op. Trem stand, fenced off from caus.
 Some weeds, no wet potential hab.
 Phleum, Poa pratense, mix of forbs throughout.
 Jrtica dioica, Epilobium angustifol., mosses
 Thalictrum sp., Plantanthera sp.
 Galium grandis

Epilobium ciliatum
 Galium trifidum
 Orange Agosca's
 Angelica arguta
 Achillea secunda
 Symarich. latea

