

Appendix A.

Element Occurrence Record
for the alpine feverfew population at the
Glendo mine permit site

WYOMING NATURAL DIVERSITY DATABASE
-Element Occurrence Record-

PARTHENIUM ALPINUM

Number: 031

Common Name: ALPINE FEVER-FEW PDAST6V010
Data Sensitive?: N Identification verified: Y
TNC Global Rank: G3 WYNDD State Rank: S3
Federal Status: Management Status: S-USFS R2
RWL-BLM NRA
RWL-BLM PRRA

WY List: LIMITED DISTRIBUTION WY Distribution: REGIONAL ENDEMIC

County: Platte
USGS Quad Name: CASSA

Latitude: 422647N Longitude: 1045922W
South Lat: 422638N East Long: 1045911W
North Lat: 422650N West Long: 1045936W
Map Accuracy: Precise; location is within a 75 foot radius of point
on USGS topo map.

Town/Range: Section: T/R/S Comments:
029N068W 34-35 SEC 34 S2 OF SW4 OF NE4 & SE4
OF NE4; SEC 35 W4 OF NW4 OF
NW4

Location: Southeastern Plains, ridge system ca 0.5 miles south
of Horseshoe Creek and 1 mile west of the North Platte
River on the east side of WY Highway 319 5 miles
southeast of Glendo and ca 1.5 miles south of Glendo
Reservoir.

Last Observed: 1997-09-11 First Observed: 1997-09-11
Occurrence Rank: B
Rank Comments: Population moderately-sized; habitat in good
condition.

Data: 1997-09-11: 6 colonies located in survey by W.
Fertig. Plants all in vegetative condition. The
two largest colonies contain 150-200 clumps each
in areas of ca 0.75-2 acres. Smaller patches may
contain 7-20 clumps. Total population estimated at
ca 350-480 clumps. Individual clumps may contain
numerous rosettes that are connected by a common
rootstalk. May be locally abundant within
specialized, low-vegetative cover microhabitats.
Occurs with MUHLENBERGIA, PARONYCHIA SESSILIFLORA,
ARTEMISIA FRIGIDA, THELESERMA MEGAPOTAMICUM,
BOUTEOLUA CURTIPENDULA, PSORALIDIUM TENUIFLORUM,
and HELIANTHUS PUMILUS.

Habitat: Occurs in 2 main vegetation types: (1) Cushion plant
communities dominated by PARTHENIUM ALPINUM, HYMENOXYIS
ACAULIS and HAPLOPAPPUS ACAULIS on "gravel-pavement"
soils or rocky, brownish clay-sandy soils of gently
dipping south or east-facing slopes within sparsely