Appendix B.
Demographic plot locations and documentation for Penstemon haydenii (blowout penstemon)

Transect Locations:

Transect 1. Junk Hill lee slope (50 m) – left transect in diagram above
County: Carbon
Occurrence: #2 Bear Mountain - Junk Hill
Legal description:
GPS coordinates: E 0328320 4676825 W 0328361 4646851
(see pair of GPS points projected onto digital orthophotos in Appendix A)
Transect bearing: 298° (13° declination)
Habitat: Lee slope of active blowout with active deposition, in a shallow trough that runs downhill away from the blowout rim (see schematic diagram). Very sparse pioneer sand vegetation limited to Redfieldia flexuosa (blowout grass). Sloping across transect length and sloping slightly perpendicular to transect, at the bottom of a shallow, concave trough.
Comments: Read from left (lower end) to right (upper end), facing south

Transect 1 – lee slope
Left: From lower east end looking west (note packs on rim beyond transect)
Right: From upper west end looking east (note slight trough rising on both sides of transect)

6-23-04 B. Heidel
Transect 2. Junk Hill rim (50 m) – right transect in diagram on preceding page
County: Carbon
Occurrence: #2 Bear Mountain - Junk Hill
Legal description:
GPS coordinates: E 0328107 4676881 W0328150 4676904
(see pair of GPS points projected onto digital orthophotos in Appendix A)
Transect bearing: 239° (13° declination)
Habitat: Near rim of active blowout (see schematic diagram). Sparse pioneer sand vegetation of Redfieldia flexuosa (blowout grass) at east end and Achnatherum hymenoides (Indian ricegras) and Psoralidium lanceolatum (scurfleaf lemonpea) at west end. The transect parallels the rim and the terrain slopes away from the rim.
Comments: Read from left to right, facing uphill
Transect 3 - rim
Upper left: From east end looking west (note rim at upper left)
Lower left: From west end looking east (note rim at upper right)
Right: Transect area 6-22-04  B. Heidel

Transect #3. Bradley Peak rim (20 m) - (similar setting to Junk Hill rim)

County: Carbon
Occurrence: #1 Bradley Peak
Legal description:
GPS coordinates: E 0328194 4671356 W 0328177 4671347
(see pair of GPS points projected onto digital orthophotos in Appendix A)
Transect bearing: 225° ND

Habitat: Near rim of active blowout, similar to Junk Hill rim transect. Sparse pioneer sand vegetation of *Redfieldia flexuosa* (blowout grass). The transect parallels the rim and the terrain slopes away from the rim.

Comments: Read from left to right, facing uphill