

-State Species Abstract-  
-Wyoming Natural Diversity Database-

*LATHYRUS EUCOSMUS*  
SEEMLY SWEETPEA  
Family: Fabaceae

Status:

US Fish & Wildlife Service: None.  
Agency Status: None.

Heritage Rank:

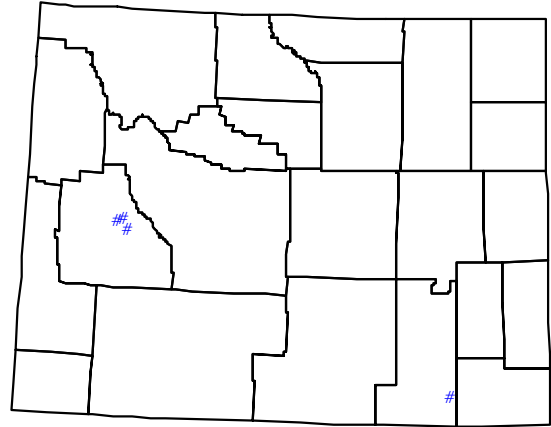
Global: G4G5 State: S1  
WYNDD Plant List: Disjunct (medium  
conservation priority)

Description: Seemly sweetpea is a perennial herb with leafy, glabrous stems 1.5-4 dm tall. The leaves are 3-10 cm long and divided into 6-10 narrowly elliptic to lance-elliptic leaflets with thick, strongly veined blades. Stipules are 8-20 mm long and arrow-head shaped. The inflorescence is a 2-5 flowered raceme on a stalk 3-12 cm long. The calyx is 8.5-12 mm long with a strongly 10-veined tube 5-7 mm long and unequal teeth. The petals are pink-purple, with the keel about equal in length to the wings and the banner 15-29 mm long. The fruit is a pale brown, veiny, flattened pod 3-4.5 cm long on a stalk 4-6 mm long (Barneby 1989; Welsh et al. 1993).

Similar Species: *Lathyrus lanszwertii* var. *lanszwertii* has smaller flowers, with banner petals under 15 mm long and occurs in montane forest habitats. *L. lanszwertii* var. *leucanthus* has white flowers with a blush of pink or orange and also occurs in montane habitats.

Flowering/Fruiting Period: Late May-June.

Distribution: Restricted to the foothills of the Bridger and Wind River ranges in Fremont County. Disjunct from the main part of its range in central Colorado, SE Utah, New



Wyoming distribution of *Lathyrus eucosmus*.

Mexico, Arizona, and Sonora, Mexico  
(Barneby 1989).

Habitat: In Wyoming, this species is known from roadside areas and dry creek bottoms from 5400-6040 feet. Rangewide, it is reported from clay or gravelly washes, gullied banks of gulches, breaks, and roadcuts (Barneby 1989).

Occurrences in Wyoming: Known from 2 records in Wyoming, both observed since 1985.

Abundance: Not known.

Trends: Not known.

Protection status: One occurrence may be found within the Red Canyon ACEC managed by the BLM.

Threats: Not known.

Managed Areas: Found on lands managed by the BLM Lander Field Office.

References:

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