

-State Species Abstract-  
-Wyoming Natural Diversity Database-

*GENTIANELLA PROPINQUA*  
FOUR-PART GENTIAN  
Family: Gentianaceae

Status:

US Fish & Wildlife Service: None  
Agency Status: None

Heritage Rank:

Global: G5 State: S1  
WYNDD Plant List: Peripheral (low  
conservation priority)

Description: Four-part gentian is a branched annual herb with angled stems 3-25 cm high. Basal leaves are 5-20 mm long and widest above the middle. Stem leaves are 10-40 mm long, and usually broader than the basal ones. Flowers arise from the axils of the leaves, those of the main stem about 15-22 mm long, those of the basal branches much smaller (7-12 mm). Sepals are unequal and united at the base. The tubular corolla is blue to light purple with 4 terminal lobes and lacks fringe on the inner margins of the lobes (Hitchcock et al. 1959).

Similar Species: *Gentianella amarella* has petal lobes that are fringed at the base. *G. tenella* has leafless stems and sepals which are free to the base.

Flowering/Fruiting Period: June- August

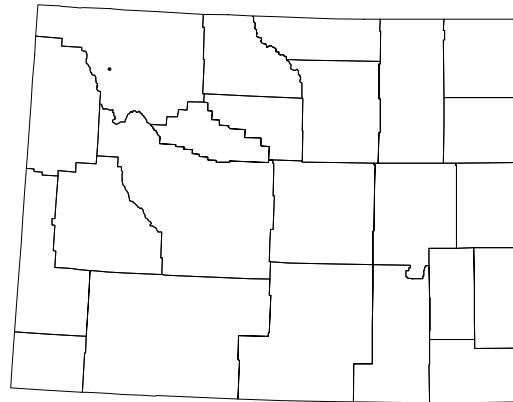
Distribution: Alaska to British Columbia and Alberta, south to Montana, Idaho, Oregon and Wyoming, east to Quebec and Newfoundland. In Wyoming it is known only from the Absaroka Range in Park County.

Habitat: Rangelike, this species occurs in meadows, slopes and streambanks in

mountains, often at high elevation. Wyoming populations are found at 9,700 feet.

Occurrences in Wyoming: Known from one occurrence in Wyoming, last observed in 1980.

Abundance: Not known.



Above: Wyoming distribution of *G. propinqua*.

Trends: Not known.

Protection Status: The single Wyoming occurrence is located within the Washakie Wilderness.

Threats: Not known.

Managed Areas: Found in Shoshone National Forest.

References:

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Fertig, W. 1998. The status of rare plants on Shoshone National Forest: 1995-97 survey results. Report prepared by the Wyoming Natural Diversity Database, Laramie, WY.

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