

-State Species Abstract-
-Wyoming Natural Diversity Database-

ERIOGONUM HOOKERI
HOOKER WILD BUCKWHEAT
Family: Polygonaceae

Status:

US Fish & Wildlife Service: None.

Agency Status: None.

Heritage Rank:

Global: G5 State: S1

WYNDD Plant List: Peripheral

Medium Wyoming Significance

Description: Hooker buckwheat is an 8 to 60 mm tall annual herb. The leaves are basal and are covered with short, wooly hairs on both sides. The blades are 10 to 50 mm long and wide, and are round to kidney-shaped. The flower cluster is hairless and umbrella-like. The peduncles are less than 2 mm long. The cup-shaped involucre are 1 to 2 mm long, sessile, and bend downward. The 1.5 to 2.7 mm long flowers are yellow with pink or red tints. (Dorn 2001, Welsh 1993)

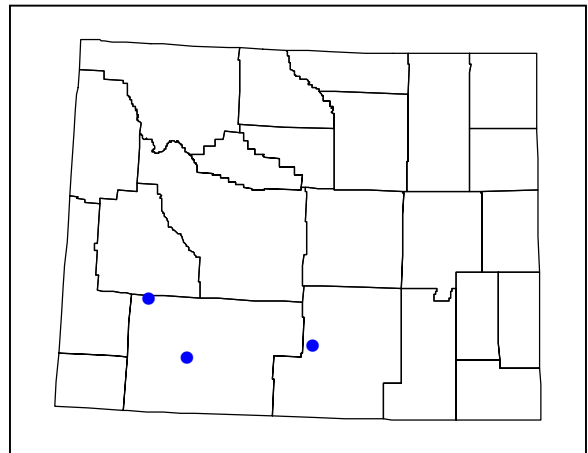
Similar Species: *Eriogonum gordonii* has peduncles 3 mm long or greater, and hairless or sparsely hairy leaves. *E. cernuum* has peduncles 3 mm long or greater and white flowers.

Flowering/Fruiting Period: Flowering and fruiting occur from June through August.

Distribution: Hooker buckwheat occurs from eastern California to northern Utah, southern Wyoming, western Colorado, and northern Arizona. In Wyoming, this species is restricted to the Great Divide and Green River basins and Rock Springs Uplift in Carbon and Sweetwater counties.

Habitat: Reported from "dry valley floors and lower foothills" by Reveal (1968). Wyoming populations are found on dry hills and shale and sandstone canyons with sparse cover of sagebrush at 6300-6900 feet.

Occurrences in Wyoming: Known from a single extant population, discovered in 1995. Previously considered SH (state historical) based on 2 records observed between 1897-1907.



Wyoming distribution of *Eriogonum hookeri*

Abundance: Not known.

Trends: Unknown.

Protection status: All known occurrences are on private or public lands managed for multiple use.

Threats: Not known.

Managed Areas: Known from lands managed by the BLM Rock Springs Field Office. May also occur on the BLM Rawlins Field Office.

References:

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Fertig, W., L. Welp, and S. Markow. 1998. The status of rare plants in southwest Wyoming. Report prepared for the Bureau of Land Management by the Wyoming Natural Diversity Database, Laramie, WY.

Porter, C.L. 1968. A Flora of Wyoming: Part VI. Research Journal 20:1-63. Agricultural Experiment Station, University of Wyoming.

Reveal, J.L. 1968. Notes on *Eriogonum* -IV. A revision of the *Eriogonum deflexum* complex. Brittonia 20:13-33.

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