

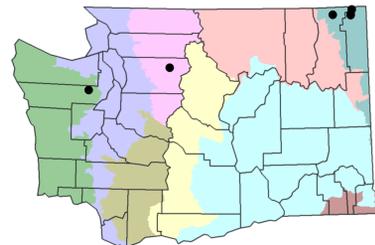
Dryas drummondii* Richardson ex Hook. var. *drummondii

yellow mountain-avens

Rosaceae - rose family

status: State Sensitive, BLM sensitive, USFS sensitive

rank: G5T5 / S2



General Description: Prostrate shrub with usually freely rooting woody branches, often forming large patches. Leaves with slender petioles. Blades oblong-elliptic to obovate, (1) 1.5-3 (3.5) cm long, tapering to a point at the base, with coarse rounded serrations; upper surface dark green and hairless to (more commonly) sparsely to moderately woolly-hairy, lower surface white woolly-hairy.

Floral Characteristics: Peduncles leafless but with 1-4 tiny bracts, up to 20 (25) cm tall, woolly-hairy, the tip with sparse stalked glands. Calyx with many stalked glands, the hypanthium with many strong, soft, shaggy hairs within, the calyx lobes ovate, 4-6 mm long. Petals pale to deep yellow, ascending (rather than spreading) in flower, elliptic to nearly obovate, 8-12 mm long, the outer ones (sometimes all) usually with stalked glands and often somewhat hairy along a median line. Filaments hairy, at least at the base. Flowers May to July.

Fruits: Achenes tipped with an elongate, yellow, plumose, persistent style.

Identification Tips: Other species of *Dryas* within our range have white or cream-colored petals that are spreading (rather than ascending), narrowly oblong-lanceolate calyx lobes, and hairless filaments. In addition, the leaves of *D. drummondii* have bases that are tapered to a point; the other species have heart-shaped or rounded bases.

Range: AK, western Canada, south to MT, ID, WA, northeast OR; also in Ontario, Quebec, and Newfoundland.

Habitat/Ecology: Usually in harsh, relatively inaccessible calcareous habitats, including crevices of steep, rocky, dry cliffs, and on limestone along rivers, where it is also reported from gravel and sandbars. In the Olympic Mts., associated species include Olympic violet (*Viola flettii*), Olympic bellflower (*Campanula piperi*), and shrubby cinquefoil (*Dasiphora fruticosa*). In eastern WA, associated species include Douglas-fir (*Pseudotsuga menziesii*), smooth cliffbrake (*Pellaea glabella*), and bush penstemon (*Penstemon fruticosus*). Elevations in WA: 600-2060 m (1990-6750 ft).

Comments: Additional inventory is needed throughout the state. There are few threats to this taxon due to the nature of its habitat. It is also rare in Newfoundland, Ontario, Sask., and Quebec.



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