

Plant Data Sheet



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Species (common name, Latin name)

(Fringed grass of parnassus, *Parnassia fimbriata*, *Parnassia fimbriata* KOENIG)

Range

P. fimbriata is widespread in the western United States from south Alaska to California, the southwest and east to the Rockies in Canada and the south.

Climate, elevation

P. fimbriata occurs in middle to alpine elevation zones, but at sea level in Alaska.

Local occurrence (where, how common)

Fairly common in both the Olympics, Cascades and higher regions of Washington.

Habitat preferences

Found in bogs, wet open areas and meadows, near streambanks, and forested seepage areas. Wetland

Indicator status: FACW,OBL.

Plant strategy type/successional stage (stress-tolerator, competitor, weedy/colonizer, seral, late successional)

Unknown

Associated species

Unknown

May be collected as: (seed, layered, divisions, etc.)

Produces abundant seeds in the fall. Larger clumps are easily divided in the spring.

Collection restrictions or guidelines

If collecting seeds or plants in national parks or forest, please refer to their guidelines for gathering and removing plant materials.

Seed germination (needs dormancy breaking?)

Seeds show characteristics of physiological dormancy. This may be broken by sowing seeds outdoors in the fall and allowing them to break their dormancy naturally or to use stratification techniques similar to outdoor conditions. It is recommended that seeds are surface sown outdoors soon after ripening in the fall.

Seed life (can be stored, short shelf-life, long shelf-life)

The shelf-life is not known.

Recommended seed storage conditions

It is recommended to not store the seeds, but to sow them soon after harvesting and ripening them.

Propagation recommendations (plant seeds, vegetative parts, cuttings, etc.)

Parnassia does well both from seeds or from divisions.

Soil or medium requirements (inoculum necessary?)

This plant grows best in saturated peat or heavy, wet fertile soil. Recommended Ph level is between 6.0 and 8.0.

Installation form (form, potential for successful outcomes, cost)

Does well in cultivation if given enough water. Cost is reasonable due to abundance of seeds produced by plants.

Recommended planting density

This information not available, and it is assumed that there are no special preferences for this plant.

Care requirements after installed (water weekly, water once etc.)

Keep constantly moist. Some sources recommend growing in moving water after germination.

Normal rate of growth or spread; lifespan

P. fimbriata grows rather slowly from seeds, reaching a transplantable size in 2 years time.

Photo sources

¹ <http://www.nawwal.org/~mrgoff/photojournal/2000/sum/sitka/8-10grassparnas.html>

² <http://www.rootcellar.us/wildflowers/parnass.htm>

Sources cited

Foster, H. Lincoln. Rock Gardening. A guide to Growing Alpines and Other Wildflowers in the American Garden. New York: Bonanza Books, 1968.

Native Plants Propagation Protocol Database. 12 April 2006. <http://www.nativeplantnetwork.org/network/view.asp?protocol_id=209>.

PLANTS Database. United States Department of Agriculture, Natural Resources Conservation Service. 12 April, 2006. <<http://plants.nrcs.usda.gov>>.

Data compiled by (student name and date)
Molly Deardorff 4/12/06