

Plant Data Sheet



http://www2.ups.edu/faculty/kirkpatrick/fieldbotany/family_pages/Saxifragaceae/tiareella_trifoliata.htm

Species: *Tiareella trifoliata*, foam flower

Range: Alaska to California, east to Alberta, Montana, Idaho (1)

Climate, elevation: Sea level to mid-montane (1); below 3,500' (6)

Local occurrence: Stevens Pass (4), Mount Rainier National Park, Nisqually entrance (6)

Habitat preferences: damp, dense forests (2); coniferous forests, stream banks, seepage areas (3)

Plant strategy type/successional stage: Understory species (6); rhizomatous perennial herb (7); spreads by seed after disturbance (10)

Associated species: Cedar/Devil's club (1), Douglas fir/Mountain hemlock (8)

May be collected as: Seed or whole plant (1)

Collection restrictions or guidelines: Collect seeds in paper bags at the end of summer or early fall as capsules start to open. Screen to remove seeds from capsules (1); Bloom ends in August (5); Divide plants in early spring or fall (9)

Seed germination: Seeds require 5 month outdoor cold moist stratification to break

physiological dormancy. Sow seeds directly on soil surface. (1)

Seed life: Unknown

Recommended seed storage conditions: Store in a drying shed with ventilation before cleaning (1)

Propagation recommendations (plant seeds, vegetative parts, cuttings, etc.): Seeds or divided nursery plants (1)

Soil or medium requirements: Unknown

Installation form: Plugs (1)

Recommended planting density: Unknown

Care requirements after installed (water weekly, water once etc.): Water frequently, plant in shade (11)

Normal rate of growth or spread; lifespan: Unknown

Sources cited:

1. Native Plant Network: http://www.nativeplantnetwork.org/network/view.asp?protocol_id=212

2. Washington Native Plant Society:
http://www.wnps.org/plants/tiarella_trifoliata.html

3. *Plants of the Pacific Northwest Coast: Washington, Oregon, British Columbia & Alaska*. Jim Pojar and Andy Mackinnon. (Vancouver, BC: Lone Pine Publishing, 1994)

4. Central Washington Native Plants:
<http://www.cwnp.org/photopgs/tdoc/titrifoliata.html>

5. Burke Museum Herbarium
<http://biology.burke.washington.edu/herbarium/imagecollection.php?Genus=Tiarella&Species=trifoliata>

6. *Flora of Mount Rainier National Park*. David Biek. (Corvallis: Oregon University Press, 2000)

7. California Native Plant Link Exchange <http://www.cnplx.info>

[/nplx/species?taxon=Tiarella+trifoliata+var.+trifoliata](#)

8. Washington Dept. of Natural Resources: <http://www.dnr.wa.gov/nhp/refdesk/communities/pdf/psme-tshe-titrla.pdf>

9. Rock Garden Plants Database: <http://www.kadel.cz/flora/e/kvCard.asp-Id=5041.htm>

10. "Seedling Establishment in Forests Affected by Tephra from Mount St. Helens." Joseph A. Antos; Donald B. Zobel. *American Journal of Botany*, Vol. 73, No. 4. (Apr., 1986), pp. 495-499.

11. Las Pilitas Nursery: <http://www.laspilitas.com/plants/763.htm>

Data compiled by Deborah Brown, April 13, 2006