

Plant Data Sheet



Photographer: [Emmet J. Judziewicz](http://www.botany.wisc.edu/wisflora/photographers.asp): <http://www.botany.wisc.edu/wisflora/photographers.asp>



<http://depts.washington.edu/wrccrf/gallery/WRCCRFflora.html>

Species: *Adenocaulon bicolor*, pathfinder plant

Range: Southern British Columbia to California, east to northern Idaho and northwestern Montana, with outlying populations in South Dakota, Wyoming and the northern Great Lakes area. (1)

Climate, elevation: Temperate climates, below 6500' in elevation (6)

Local occurrence: Lincoln Park in Seattle (4), Longmire, Mt. Rainier National Park (6)

Habitat preferences: Moist, shady forests (2), along trails and in forest openings (6)

Plant strategy type/successional stage: Perennial herb, can grow in dense forest by utilizing sunflecks on forest floor (5)

Associated species: Cedar/Devil's Club (2)

May be collected as: Seed, divided plants (2)

Collection restrictions or guidelines: Collect seeds in late August. Remove seeds from inflorescences by hand. (2)

Seed germination: Seeds require a 5 month cold moist outdoor stratification for germination (2)

Seed life: Unknown.

Recommended seed storage conditions: Spread out evenly in a well-ventilated greenhouse (2)

Propagation recommendations: Sow seeds in containers in late fall (2). Cover lightly (3). Water well before winter stratification. Partial shade is necessary for successful growth. Up-pot within 4 weeks of germination as root development is rapid. (2)

Soil or medium requirements: Sunshine Mix #4 Aggregate Plus (peat moss, perlite, major and minor nutrients, gypsum, and dolomitic lime) used for germination, moved to a mix of standard potting mix of peat moss, fir bark, perlite, and sand. (3)

Installation form: plugs (2)

Recommended planting density: unknown

Care requirements after installed: Irrigation as needed (3)

Normal rate of growth or spread; lifespan: Unknown

Sources cited:

1. University of Oregon http://darkwing.uoregon.edu/~ecostudy/elp/hendricks/pdf_files/adenocaulon_bicolor.pdf

2. Wick, Dale; Hosokawa, Joy; Luna, Tara; Evans, Jeff. 2004. Propagation protocol for production of container *Adenocaulon bicolor* Hook plants (116 ml conetainers); Glacier National Park, West Glacier, Montana. In: Native Plant Network. URL: <http://www.nativeplantnetwork.org> (accessed 15 May 2006). Moscow (ID): University of Idaho, College of Natural Resources, Forest Research Nursery.

3. Young, Betty. 2001. Propagation protocol for production of container *Adenocaulon bicolor* Hook. plants (Deepot 16); Golden Gate National Parks, San Francisco, California. In: Native Plant Network. URL: <http://www.nativeplantnetwork.org> (accessed 15 May 2006). Moscow (ID): University of Idaho, College of Natural Resources, Forest Research Nursery.
4. *Wild plants of greater Seattle : a field guide to native and naturalized plants of the Seattle area.* Arthur Lee Jacobsen. Seattle, WA : A.L. Jacobson, c2001.
5. *Plants of the Pacific Northwest Coast: Washington, Oregon, British Columbia & Alaska.* Jim Pojar and Andy Mackinnon. (Vancouver, BC: Lone Pine Publishing, 1994)
6. *Flora of Mount Rainier National Park.* David Biek. (Corvallis: Oregon University Press, 2000)

Data compiled by Deborah Brown, May 15, 2006