Plant Propagation Protocol for Chrysosplenium glechomifolium

ESRM 412 – Native Plant Production

Protocol URL: https://courses.washington.edu/esrm412/protocols/CHGL5.pdf

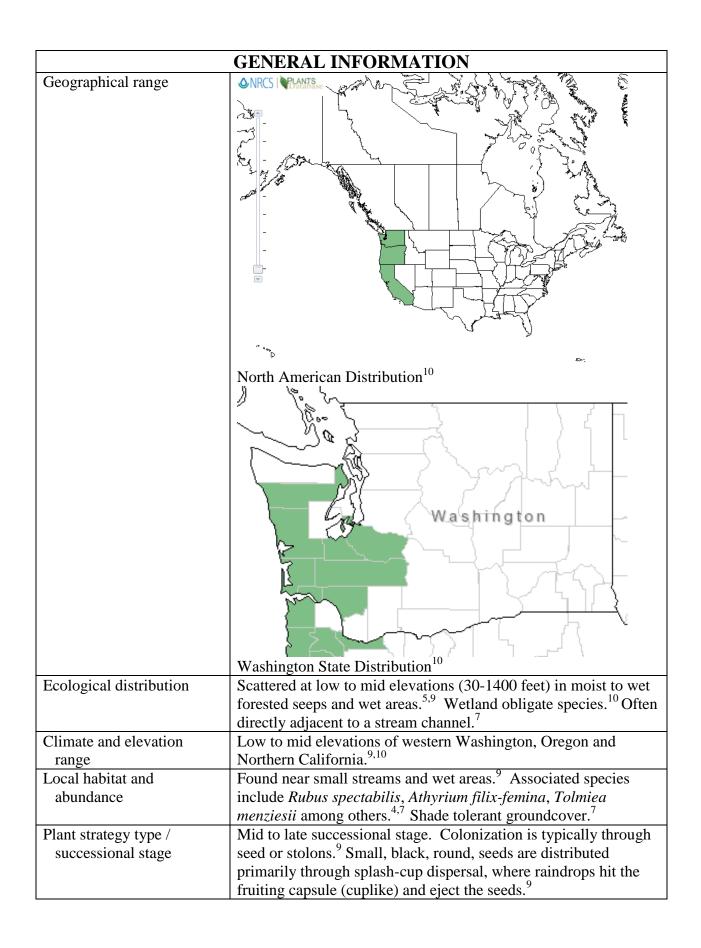




Image: 2004, Rod Gilbert¹

Image: 2012, Ben Legler¹

Common Name Sa Species Scientific Name	xifragaceae ¹⁰ xifrage ¹⁰
Common Name Sa Species Scientific Name	xifragaceae ¹⁰ xifrage ¹⁰
Common Name Sa Species Scientific Name	xifrage ¹⁰
Name	
Scientific Name Ch	rysosplenium glechomifolium Nutt. ¹⁰
Varieties N/	A
Sub-species N/	A
Cultivar N/	A
• • • • • • • •	ysosplenium oppositifolium L.¹
	ysosplenium oppositifolium L. var. scouleri Hook.¹
	ysosplenium scouleri (Hooker) Rose ¹
	cific golden saxifrage ¹⁰ , Ground ivy-leaved water-carpet ⁹ ,
	cific Watercarpet ¹
r	$\mathrm{IGL5}^{10}$
USDA Plants database)	



Plant characteristics	Perennial, low growing, glabrous, mat-forming, forb. Leaves are opposite, on stalks less than 1cm long, oval or egg shaped, about 2 cm long with shallow rounded 15-20 toothed edges. Small, singular, greenish yellow flowers are produced in the axils of upper leaves. Bloom period is February to June.	
PROPAGATION DETAILS: Seed		
Ecotype	N/A	
Propagation Goal	Plants	
Propagation Method	Seed	
Product Type	Container	
Stock Type	N/A	
Time to Grow	6-9 months	
Target Specifications	20 cm. Groundcover, trailing over 4 inch pot edges.	
Propagule Collection	Collect seeds late summer. ⁵ Best if collected before fall rains, as	
Instructions	seed will distribute through splash-cup dispersal. ⁹	
Propagule Processing/Propagule Characteristics	N/A	
Pre-Planting Propagule Treatments	Dormancy likely required given native climate. ⁵	
Growing Area Preparation / Annual Practices for Perennial Crops	Grow seeds in moist, well-draining soils. ⁷	
Establishment Phase Details	Sow seed in a lightly shaded cold frame in spring or autumn. ⁸ Place pot in a half inch of standing water to maintain moist soil conditions. ⁸	
Length of Establishment Phase	N/A	
Active Growth Phase	N/A	
Length of Active Growth Phase	March through August. ⁷	
Hardening Phase	N/A	
Length of Hardening Phase	N/A	
Harvesting, Storage and Shipping	N/A	
Length of Storage	N/A	
Guidelines for Outplanting	Once roots are established in growing medium late spring	
/ Performance on Typical	outplanting may occur.8	
Sites		
Other Comments	Species has recently been added to the California Native Plant Societies' inventory of rare and endangered species. ^{3, 6}	
PROPAGATION DETAILS: Vegetative		
Ecotype	N/A	
Propagation Goal	Plants	
Propagation Method	Vegetative	
- 1- PuButton 1:10thlou	1	

Product Type	Container
Stock Type	N/A
Time to Grow	6-9 months
Target Specifications	20 cm. Groundcover, trailing over 4 inch pot edges.
Propagule Collection	Vegetative collection occurs by cutting stolon and removing the
Instructions	rooted daughter plant. ⁵ Divide in Spring. ⁸
Propagule	N/A
Processing/Propagule	
Characteristics	
Pre-Planting Propagule	N/A
Treatments	
Growing Area Preparation /	Grow daughter plants in moist, well-draining soils. ⁷
Annual Practices for	
Perennial Crops	
Establishment Phase	N/A
Details	
Length of Establishment	N/A
Phase	
Active Growth Phase	N/A
Length of Active Growth	March through August.
Phase	
Hardening Phase	N/A
Length of Hardening Phase	N/A
Harvesting, Storage and	N/A
Shipping	
Length of Storage	N/A
Guidelines for Outplanting	Once roots are established in growing medium spring outplanting
/ Performance on Typical	may occur. ⁵
Sites	
Other Comments	Species has recently been added to the California Native Plant
	Societies' inventory of rare and endangered species. ^{3,6}
	INFORMATION SOURCES
References	¹ Burke Museum of Natural History and Culture [Online].
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	Available:http://biology.burke.washington.edu/
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	Species=glechomifolium, Accessed: May 22, 2016.
	² Calflora, [Online]. Chrysosplenium glechomifolium, Available:
	http://www.calflora.org/cgi-bin/species_query.cgi?where-
	taxon=Chrysosplenium+glechomifolium, Accessed May 22, 2016
	³ California Native Plant Society [Online]. Chrysosplenium
	glechomifolium Available: http://calscape.org/plant.php?pl
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	 ⁴Crawford, R. C., C. B. Chappell, C. C. Thompson, and F. J. Rocchio. 2009. Vegetation Classification of Mount Rainier, North Cascades, and Olympic National Parks. Natural Resource Technical Report NPS/NCCN/NRTR—2009/D-586. National Park Service, Fort Collins, Colorado ⁵Dumroese, R. Kasten; Luna, Tara; Landis, Thomas D., 2009. Nursery Manual for Native Plants: A guide for Tribal Nurseries - Volume 1: Nursery Management. Agriculture Handbook 730. Washington, D.C.: U.S. Department of Agriculture, Forest Service. 302 p. ⁶Regan, J. 2015 Rare Plants Annual Report Humboldt Redwood Company LLC. ⁷McCain, C., 2004, USFS Technical Paper R6-NR-ECOL-TP-10-04, Riparian Plant Communities of Northwest Oregon:
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	¹⁰ USDA NRCS Plants Database [Online], Available: http://plants.usda.gov/core/profile?symbol=cosc4, Accessed May 7, 2016.
Other Sources Consulted	Native Plant Network [Online]. Available: http://www.nativeplantnetwork.org/, Accessed May 22, 2016
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Protocol Author Date Protocol Created or Updated	Jack Armstrong 05/25/2016