

Plant Propagation Protocol for *Ribes laxiflorum*

ESRM 412 – Native Plant Production

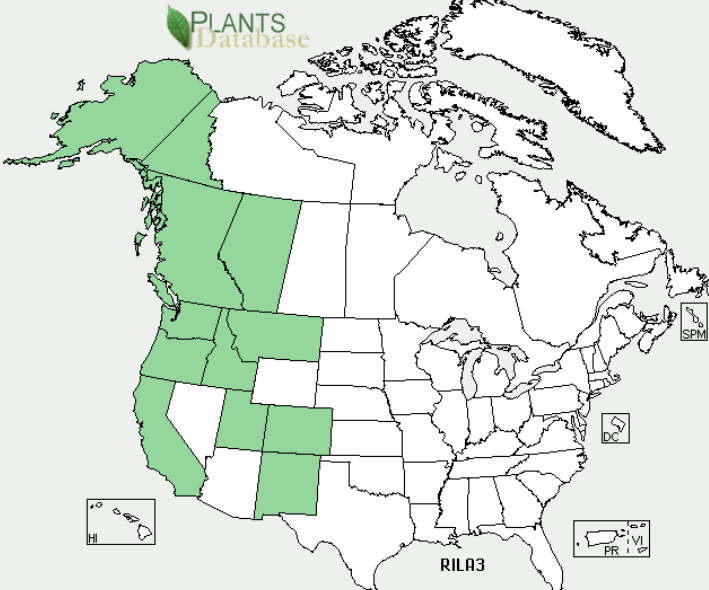
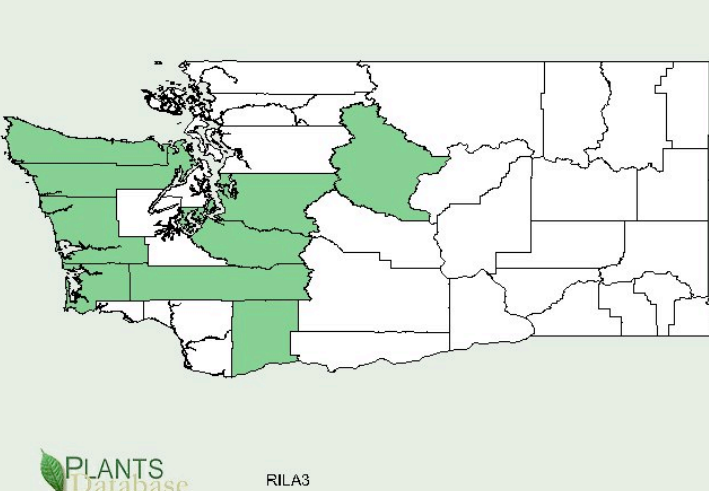
Protocol URL: [https://courses.washington.edu/esrm412/protocols/\[RILA3.pdf\]](https://courses.washington.edu/esrm412/protocols/[RILA3.pdf])



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TAXONOMY	
Plant Family	
Scientific Name	Grossulariaceae
Common Name	Current Family, Gooseberry Family
Species Scientific Name	
Scientific Name	<i>Ribes laxiflorum</i>
Varieties	
Sub-species	
Cultivar	
Common Synonym(s)	<i>Ribes coloradense</i> Coville
Common Name(s)	Trailing Black Current
Species Code (as per USDA Plants database)	RILA31
GENERAL INFORMATION	

Geographical range	
	Western North America, California to Alaska, Also seen in the rocky mountain Range ¹
	
Ecological distribution	Moist forest, avalanche tracks, clearings, roadsides ²
Climate and elevation range	Montane, subalpine; Low to middle elevations ³
Local habitat and abundance	Open, sunny locations. Spreading or decumbent plant, growing over logs and stumps ³
Plant strategy type / successional stage	Primary
Plant characteristics	Deciduous, low, spreading shrub, growing less than 3 ft in height, hardy to zone 5, hermaphrodite flowers, pollinated by insects ² . Branches are a deep reddish-brown. Leaves are five lobed, oval shaped and shallowly toothed. ⁴
PROPAGATION DETAILS (Seed)	
Ecotype	

Propagation Goal	Plants
Propagation Method	Seed
Product Type	Container (plug)
Stock Type	
Time to Grow	
Target Specifications	
Propagule Collection Instructions	Seeds are wild collected during fall, need to be picked or stripped as soon as they are ripe to lessen loss to birds
Propagule Processing/Propagule Characteristics	
Pre-Planting Propagule Treatments	Maceration and flotation can be used to extract seeds ⁴ . Three months cold stratification at between 0C and 5C ³ . Seeds should be sown as early in the year as possible. Natural germination occurs in the spring following dispersal (cold-stratification necessary) ⁴ .
Growing Area Preparation / Annual Practices for Perennial Crops	Well-drained loamy soil ₂
Establishment Phase Details	
Length of Establishment Phase	
Active Growth Phase	
Length of Active Growth Phase	
Hardening Phase	
Length of Hardening Phase	
Harvesting, Storage and Shipping	
Length of Storage	
Guidelines for Outplanting / Performance on Typical Sites	
Other Comments	
PROPAGATION DETAILS (Cutting)	
Ecotype	
Propagation Goal	Cuttings
Propagation Method	Vegetative
Product Type	Bareroot (field grown)
Stock Type	
Time to Grow	1-2 years ⁸
Target Specifications	

Propagule Collection Instructions	summer cuttings in late June-July or winter cuttings when the plant is dormant ⁶ . Base cuttings are recommended ⁷ Cuttings should be 20-30 cm ⁸
Propagule Processing/Propagule Characteristics	
Pre-Planting Propagule Treatments	
Growing Area Preparation / Annual Practices for Perennial Crops	
Establishment Phase Details	
Length of Establishment Phase	
Active Growth Phase	
Length of Active Growth Phase	
Hardening Phase	
Length of Hardening Phase	
Harvesting, Storage and Shipping	
Length of Storage	
Guidelines for Outplanting / Performance on Typical Sites	
Other Comments	Edible berries. <i>R. laxiflorum</i> is a known host for white pine blister rust, so caution should be used when planting out ⁸
INFORMATION SOURCES	
References	See below
Other Sources Consulted	See below
Protocol Author	Alex Harwell
Date Protocol Created or Updated	04/22/14

Resources:

1. Plants Profile for *Ribes laxiflorum*. USDA Natural Resources Conservation Service. <https://plants.usda.gov/core/profile?symbol=RILA3>
2. Pojar and Mackinnon. *Ribes laxiflorum*. Plants of the Pacific Northwest Coast. Lone Pine Publishing. 1994. p. 86.
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4. "Ribes laxiflorum". Ladybird Johnson Native Plant Database. N.p., n.d. Web. 18 Apr 2012. <http://www.wildflower.org/plants/result.php?id_plant=RICE>.
5. "Ribes laxiflorum". *Flora of North America*. Vol.8. Sept, 2: 731.1813. http://www.efloras.org/florataxon.aspx?flora_id=1&taxon_id=250065822
6. "Trailing Black Current 'Lukka'". Best Practice Guidelines. <http://www.pitea.se/Sidmappar/255555/Ribes%20laxiflorum%20'Lukka'.pdf>
7. "Trailing Black Current: *Ribes laxiflorum* (Am.)". Best Practice Guidelines. http://www.pitea.se/Sidmappar/255555/ribes_laxiflorum.pdf
8. Hummer, K E, and A Dale. "Horticulture of <i>ribes</i>." *Forest Pathology*. 40 (2010): 251-263.

Other Sources Consulted (but that contained no pertinent information):

Borealis: the newsletter of the Alaska Native Plant Society. Anchorage Alaska. November 2003.

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Kuhnlein, Harriet and Nancy J. Turner. Traditional Plant Foods of Canadian Indigenous Peoples. FAO Report. <http://www.fao.org/wairdocs/other/ai215e/ai215e06.htm>

"Native Plant Network." Propagation Protocol Search. <http://www.nativeplantnetwork.org/network/search.aspx?SearchType=Pacific>.