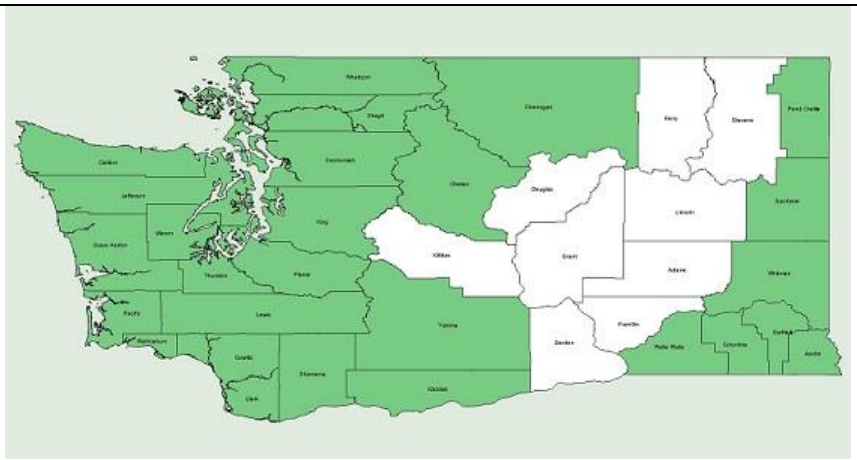
Plant Propagation Protocol for *Claytonia sibirica* L.
ESRM 412 – Native Plant Production
Protocol URL: https://courses.washington.edu/esrm412/protocols/CLSI2.pdf

TAXONOMY	
Plant Family	
Scientific Name	Portulacaceae (1)
Common Name	Purslane
Species Scientific Name	
Scientific Name	*Claytonia sibirica* L.
Varieties	*Claytonia sibirica* L. var. *bulbifera* A. Gray *Claytonia sibirica* L. var. *sibirica* (1)
Sub-species	
Cultivar	
Common Synonym(s)	*Montia sibirica* (L.) Howell (1)
Common Name(s)	Siberian spring beauty, Candyflower, Pink purslane, Western spring beauty, Siberian Miner's lettuce, Siberian lettuce (2)
Species Code (as per USDA Plants database)	CLSI2
GENERAL INFORMATION	
Geographical range	

	 Both maps from (1).
Ecological distribution	On both sides of the Cascades in WA; AK to CA, east to MT and UT. (3)
Climate and elevation range	Below 2000m (6500 ft) (5)
Local habitat and abundance	C. sibirica is abundant, and of no conservation concern (3). It can be found in moist, shady sites, such as forests, thickets, stream banks, meadows and clearings (4). It is commonly found with *Alnus rubra*, *Acer circinatum* (5); *Fraxinus latifolia*, *Symphoricarpus albus*, *Carex obnupta* (6).
Plant strategy type / successional stage	n/a
Plant characteristics	Annual or short-lived perennial forb (4); blooms from February through August, but mostly March to June (3).
PROPAGATION DETAILS	
Ecotype	n/a
Propagation Goal	Plants
Propagation Method	Seed
Product Type	Plant
Stock Type	n/a
Time to Grow	n/a
Target Specifications	n/a
Propagule Collection Instructions	Seeds ripen from June to August (8).
Propagule	Seed 1.5 – 2 mm, round to elliptic, shiny or dull (9); elaiosome 1 mm (5)

Characteristics	
Pre-Planting Propagule Treatments	n/a
Growing Area Preparation / Annual Practices for Perennial Crops	n/a
Establishment Phase Details	n/a
Length of Establishment Phase	n/a
Active Growth Phase	n/a
Length of Active Growth Phase	n/a
Hardening Phase	n/a
Length of Hardening Phase	n/a
Harvesting, Storage and Shipping	n/a
Length of Storage	n/a
Guidelines for Outplanting / Performance on Typical Sites	n/a
Other Comments	Huxley (10) says *Claytonia* can propagate by "seeds, offset or division" (Vol. 1, p. 638). This applies to Claytonia in general. Under *Montia sibirica*, Huxley says "Sow *in situ* in drills, or in blocks to space at 15cm/6in, within rows; spring sowing for summer crops, mid-summer sowing for over-wintering." (Vol.3, p. 258)
INFORMATION SOURCES	
References	1 "*Claytonia sibirica* L.", retrieved 5/12/2014 from http://plants.usda.gov/core/profile?symbol=CLSI2 2 Jacobson, A.L. "Wild Plants of Greater Seattle," 2008. Self-published, Seattle, WA. 3 Giblin, D., "Claytonia sibirica." Retrieved 5/12/2014 from http://biology.burke.washington.edu/herbarium/

	imagecollection.php?Genus=Claytonia&Species=sibirica 4 Pojar, J. and A. MacKinnon, "Plants of the Pacific Northwest Coast," 2004 (2nd. Ed). Lone Pine Publishers, Auburn, WA 5 "*Claytonia sibirica* Linnaeus", retrieved 5/17/2014 from http://www.efloras.org/florataxon.aspx?flora_id=1&taxon_id=242415756 6 Kunze, L.M., "Preliminary Classification of Native, Low Elevation, Freshwater, Wetland Vegetation in Western Washington," 1994. WA Department of Natural Resources 7 "*Claytonia sibirica* – L.", retrieved 5/18/2014 from http://www.pfaf.org/user/plant.aspx?LatinName=Claytonia+sibirica 8 Huxley, A. "The New Royal Horticultural Society Dictionary of Gardening," 1992. Stockton Press, New York.
Other Sources Consulted	Guard, B.J., "Wetland Plants of Oregon and Washington," 1995. Lone Pine Publishing, Renton, WA. Jepson Manual (1993) "Portulacaceae," retrieved 5/18/2014 from http://ucjeps.berkeley.edu/cgi-bin/get_JM_treatment.pl?6318,6336,6359 Rose, R., C.E.C. Chachulski, D.L. Haase, "Propagation of Pacific Northwest Native Plants," 1998. Oregon State University Press, Corvallis, OR
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Date Protocol Created or Updated	05/17/2014