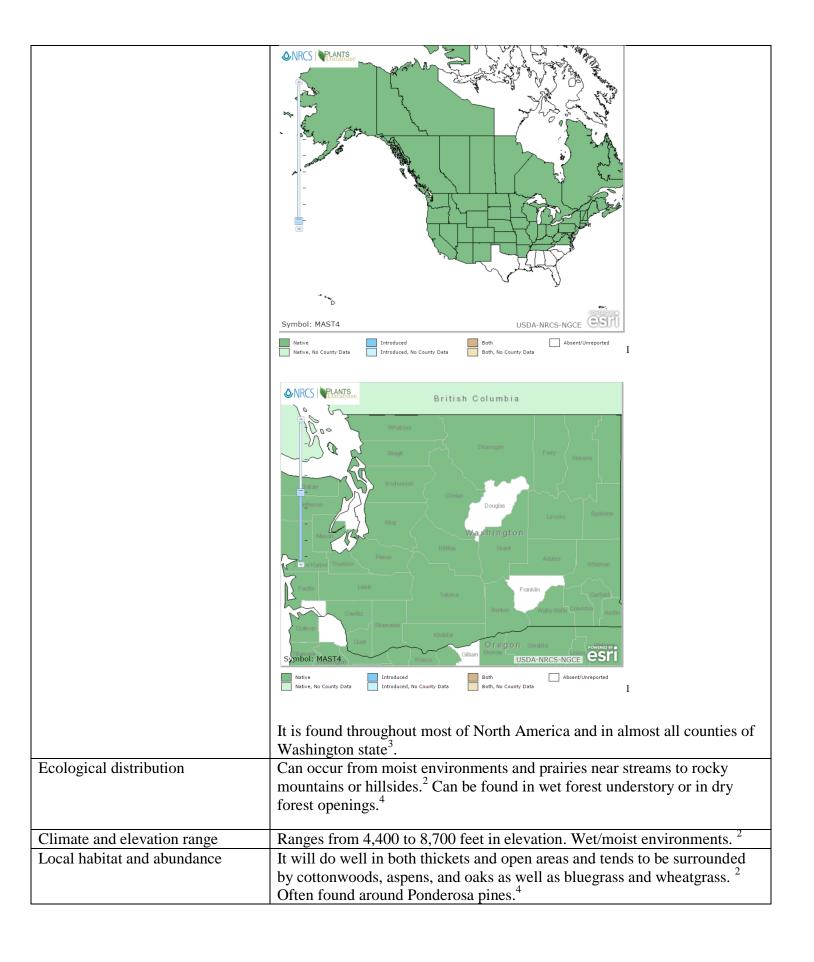
Plant Propagation Protocol for Maianthemum stellatum

ESRM 412 – Native Plant Production

Protocol URL: https://courses.washington.edu/esrm412/protocols/MAST4.pdf

TAXONOMY		
Plant Family		
Scientific Name	Asparagaceae ⁴	
	(Previously Liliaceae ¹)	
Common Name	False Solomon's seal ¹	
Species Scientific Name		
Scientific Name	Maianthemum stellatum (L.) Link ¹	
Varieties		
Sub-species		
Cultivar		
Common Synonym(s)	COST12 – Convallaria stellata L.¹	
	SMLI – Smilacina liliacea (Greene) Wynd ¹	
	SMSE – Smilacina sessilifolia Nutt. Ex Baker ¹	
	SMST – Smilacina stellata (L.) Desf. ¹	
	SMSTM – Smilacina stellata (L.) Desf. Var. mollis Farw.	
	SMSTS – Smilacina stellata (L.) Desf. Var. sylvatica Vict. & J. Rousseau ¹	
	SMSTS2 – Smilacina stellata (L.) Desf. Var. sylvatica Vict. & J. Rousseau ¹	
	VALI2 – Vagnera liliacea (Greene) Rydb. 1	
	VASE5 – Vagnera sessilifolia (Nutt. ex Baker) Greene ¹	
	VAST4 – Vagnera stellata (L.) Morong ¹	
Common Name(s)	Little false Solomon's seal ¹	
	Starry false Solomon'	
	Star false Solomon's seal ¹	
	Star-flower Solomon's seal	
	Starry false lily of the valley ³	
	Starflower Solomon's-plume ⁶	
Species Code (as per USDA	MAST4 ¹	
Plants database)		
GENERAL INFORMATION		
Geographical range		



Dlant staste on true - / 1	Corol amorine that also has fine adopted and that all arrest to the thirds
Plant strategy type / successional	Seral species that also has fire-adaptations that allows it to thrive and
stage Plant characteristics	dominate in its ecosystem. ²
Plant characteristics	Forb with rhizomes that spread far underground. ³ Alternate leaves from 5.17 am long and 1.5.5 am agrees that are pointed
	Alternate leaves from 5-17 cm long and 1.5-5 cm across that are pointed and oblong with many visible veins. ³
	The stems grow up to 60 cm ⁶ long and 2-6 cm in diameter. ³ They have
	flowers that are 3-6 cm long with 6 stamens. ³
	It produces a yellowish-green berry for fruit ³ that has 1-2 seeds ⁶ and turn
	blue-black. ³ Seeds mostly disbursed through consumption of fruit by
	wildlife. ²
	Perennial and blooms from May to July. ³
	PROPAGATION DETAILS
Ecotype	
Propagation Goal	Plants ⁷
Propagation Method	Seeds ²
Product Type	Container (plug) ⁷
Stock Type	Container (prag)
Time to Grow	
Target Specifications	
Propagule Collection Instructions	
Propagule Processing/Propagule	Morpho-physiological dormancy so the seeds can only germinate when
Characteristics	conditions are right. ⁷
Pre-Planting Propagule	Require cold-moist stratification that can vary from 71 to 122 days. ⁷
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	Net a let effect und in the beautiful about the seal standard and of
Other Comments	Not a lot of information has been found about the seed storage and care of
	this particular plant.
Deferences	INFORMATION SOURCES 1. "Plants Profile for Maianthemum Stellatum." Natural Resource
References	Conservation Service. USDA, Web. 24 Apr. 2016.
	2. "Maianthemum Stellatum." <i>Species Information</i> . Forest Service.
	Web. 25 Apr. 2016.
	3. Knoke, Dan, and David Giblin. "Mainathemum stellatum." <i>Burke</i>
	3. Knoke, Dan, and David Gloini. Maniathemani stenatum. Durke

Other Sources Consulted	 Museum of Natural History and Culture. University of Washington. Web. 26 Apr. 2016. 4. "Herbarium Database." WTU Herbarium Database. Burke Museum. Web. 26. Apr. 2016. 5. "Maianthemum Stellatum (L.) Link." Consortium of Pacific Northwest Herbaria. Web. 26 Apr. 2016 6. "Maianthemum Stellatum." Encyclopedia of Life. Nature Serve. Web. 26 Apr. 2016. 7. "Liliaceae (Maianthemum)." Reforestation, Nurseries, and Genetic Resources. USDA Forest Service. Web. 26 Apr. 2016. "Washington Flora Checklist." Washington Flora Checklist. University of Washington Burke Museum, n.d. Web. 26 Apr. 2016. "Maianthemum stellatum." Electronic Atlast of the Flora of British Columbia. Web. 26 Apr. 2016 "Maianthemum Stellatum." Wildflower Center. Lady Bird Johnson, n.d. Web. 26 Apr. 2016.
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