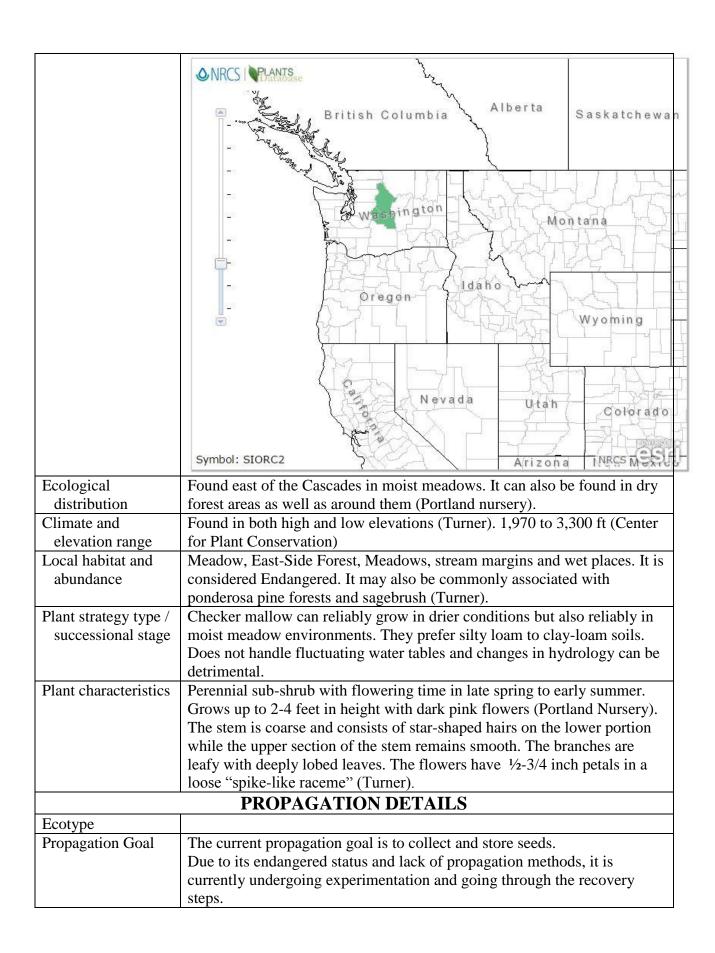
Plant Propagation Protocol for [Sidalcea oregana]

ESRM 412 – Native Plant Production

Protocol URL: https://courses.washington.edu/esrm412/protocols/[SIOR.pdf]

Sidalcea oregano (Malvaceae)

TAXONOMY		
Plant Family		
Scientific Name	Malvaceae	
Common Name	Mallow Family	
Species		
Scientific		
Name		
Scientific Name	Sidalcea oregana	
Varieties	Sidalcea oregana (Nutt. Ex Torr. & A. Gray) A. Gray var. calva C.L Hitchc.	
Sub-species	Sidalcea oregana subsp. oregana	
	Sidalcea oregana subsp. oregano var. calva	
	Sidalcea oregano subsp. spicata	
	Sidalcea oregano subsp. valida	
Cultivar		
Common		
Synonym(s)		
Common Name(s)	Oregon checkerbloom	
	Oregon checker mallow	
	Checker mallow	
Species Code (as	SIOR	
per USDA Plants		
database)		
GENERAL INFORMATION		
Geographical range	Found East of the Cascades	



	There are a number of conditions that must be met in order for it to be considered for down listing. In summary, those conditions include ensuring self-sustaining populations on protected sites secure from threats as well as storing the genetic material in a facility. Those materials must be monitored with provisions for research and habitat maintenance and restoration (Fish and Wildlife).
Propagation Method	Seed propagation is the only method for <i>Sidalcea oregana</i> . Sow seeds approximately 3mm deep in a well drained soil mix at a temperature of 10 degrees Celsius. The seed will typically germinate in 14-42 days (B&T World Seeds).
Product Type	Sold as seeds to be sown directly into a garden or in flats left outside to chill for several weeks (Portland Nursery).
Stock Type	
Time to Grow	Can be planted in late summer or early fall and will see germination in the following spring.
Target	
Specifications	
Propagule	Allow pods to dry on plant; break open pod to collect seeds
Collection	(Davesgarden).
Instructions	Summer time is when the seeds period begins and ends.
Propagule	158,325 seeds per pound.
Processing/Propag	
ule 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	Spring and Summer
Growth Phase	
Hardening Phase	
Length of	
Hardening Phase	
Harvesting, Storage	
and Shipping	
Length of Storage	

Guidelines for Outplanting / Performance on Typical Sites	According to USDA NRCS Plants Database, the growth rate is considered 'Moderate,' and the After Harvest Growth Rate considered "Slow." Seedling survival is listed as 'Medium' (Encyclopedia of Life)		
Other Comments			
INFORMATION SOURCES			
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	Zwartjes. Recovery Plan for Sidalcea Oregana (2004): n. pag. U.S Fish and Wildlife Service, 22 July 2004. Web. 18 May 2015.		

Other Sources	
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