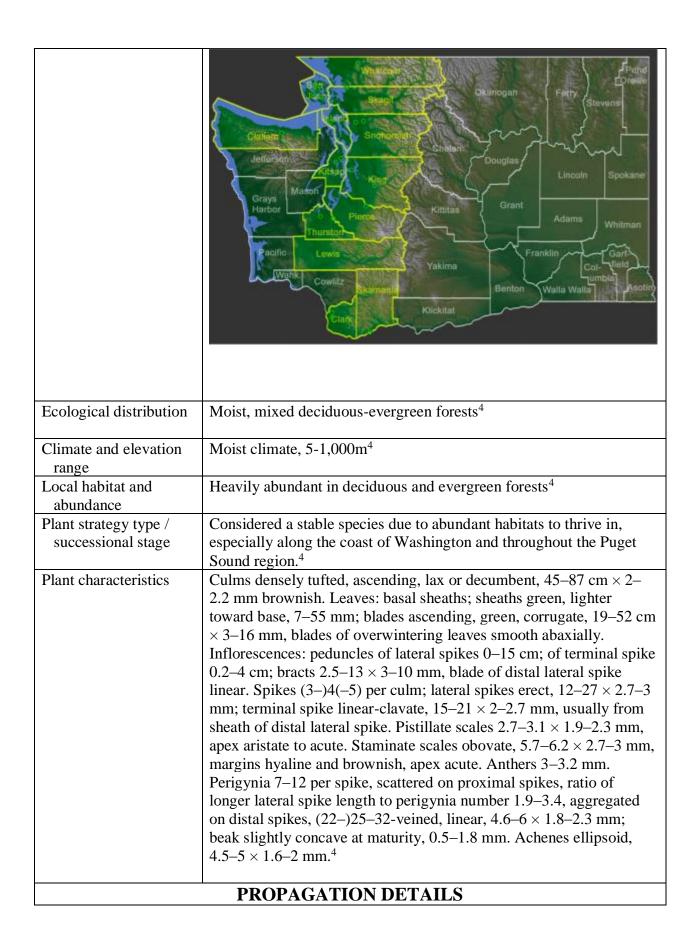
Plant Propagation Protocol for [Insert Species] ESRM 412 – Native Plant Production

TAXONOMY			
Plant Family			
Scientific Name	Cyperaceae ¹		
Common Name	Sedges ²		
Species Scientific			
Name			
Scientific Name	Carex hendersonii L.H. Baiey ¹		
Varieties	N/A		
Sub-species	N/A		
Cultivar	N/A		
Common Synonym(s)	N/A		
Common Name(s)	Henderson's sedge ²		
Species Code (as per USDA Plants database)	CAHE7 ³		
	GENERAL INFORMATION		
Geographical range			
	En:		



Ecotype	N/A	
Propagation Goal	To produce <i>C. hendersonii</i> plants to be outplanted.	
Propagation Method	Propagation by seed ³	
Product Type	Container (plugs)	
Stock Type	C. herndersonii seed	
Time to Grow	With ideal conditions, it will take around 2 months before it can be	
	outplanted. ⁴	
Target Specifications	Until the plant resembles common characteristics. (see Plant characteristics)	
Propagule Collection	Collect seeds in late spring. Fruit are identifiable on plant from June	
Instructions	to August. Pick seeds directly from plant, but follow collection	
mstructions	procedure as to not deplete the mother population of seeds. ⁵	
Propagule	Fruit are 1.2 to 1.7mm in size. Seeds are oval and are considered	
Processing/Propagule	orthodox, meaning they can be dried and stored for long periods of	
Characteristics	time. ⁵	
Pre-Planting Propagule	Clean fruit to extract seeds. Methods for cleaning depend on amount	
Treatments	of desired seeds. Seeds are dormant until stratified. ⁵	
Growing Area	To replicate forest environments, the growing media should contain	
Preparation / Annual	some top-soil and fine bark. Small, shallow pots are ideal. Place	
Practices for	planted seeds and containers in a greenhouse or warm, humid area to	
Perennial Crops	germinate.	
Establishment Phase	Once potted, C. hendersonii requires daily watering and basic light	
Details	and soil requirements. Dormancy is not hard to break if forest like	
	conditions are mimicked in the greenhouse. ⁵	
Length of	1.5-3 weeks ³	
Establishment Phase		
Active Growth Phase	Continue same watering and light amounts. After germination, <i>Carex</i> often experience rapid growth, so just keep the water, light, and temperature constant.	
Length of Active	1.5-2 months ³	
Growth Phase		
Hardening Phase	Not associated with tough winters, just very moist winters. No	
	particular instructions for this phase.	
Length of Hardening	N/A	
Phase		
Harvesting, Storage	Harvest into different containers, whichever are easiest for	
and Shipping	transportation. Outplanting should be done soon after harvesting.	
Length of Storage	1 week ⁴	
Guidelines for	Choose sites most similar to where the seeds were harvested. These	
Outplanting /	plants do well typically in forests and moist, low-elevation settings.	
Performance on	Flowering may not occur for 2 years as they are perennials. ⁵	
Typical Sites		
Other Comments	N/A	
INFORMATION SOURCES		
References	See below	

Other Sources	N/A
Consulted	
Protocol Author	Daniel Neyman
Date Protocol Created	05/2017
or Updated	

1 "Carex hendersonii." Encyclopedia of Puget Sound. Puget Sound Institute, University of Washington, n.d. Web. 24 May 2017.

2"Carex hendersonii." Plants Profile for Carex hendersonii (Henderson's sedge). USDA, n.d. Web. 24 May 2017.

3WTU Herbarium Image Collection - Burke Museum. Burke Museum, n.d. Web. 24 May 2017.

4Calflora: Carex hendersonii. Calfora, n.d. Web. 24 May 2017.

5"Henderson's sedge." Washington Native Plant Society: Photograph of Carex hendersonii. Washington Native Plant Society, n.d. Web. 24 May 2017.