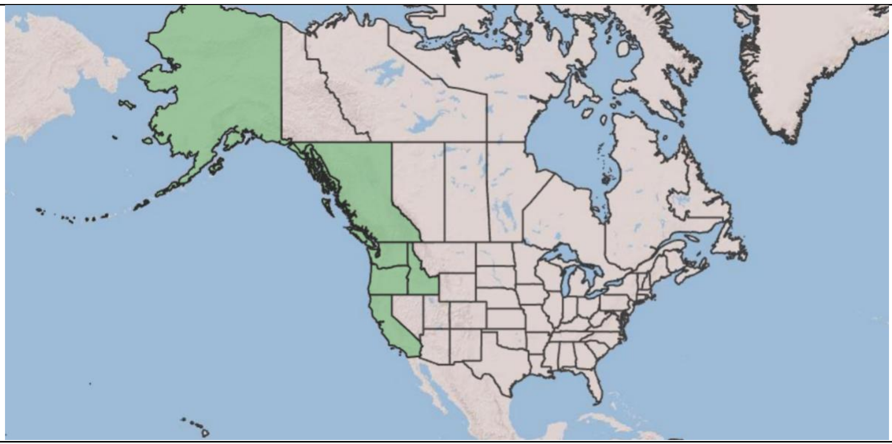
Plant Propagation Protocol for *Viola sempervirens*
ESRM 412 – Native Plant Production
Spring 2025

TAXONOMY	
Plant Family	
Scientific Name	Violaceae Batsch
Common Name	Violet family
Species Scientific Name	
Scientific Name	*Viola sempervirens*
Varieties	
Sub-species	
Cultivar	
Common Synonym(s)	*Viola sarmentosa* Douglas ex Hook. *Viola sempervirens subsp. orbiculoides M.S. Baker; Viola sarmentosa Douglas, illeg.*
Common Name(s)	Evergreen violet, Redwood violet
Species Code (as per USDA Plants database)	VISE3
GENERAL INFORMATION	
Geographical range	

	
Ecological distribution	Moist woods of Western America (Plants). Native to Northern America and spans from Canada to California (Calscape).
Climate and elevation range	Shady areas in coastal forests. Lives in elevations of 5-1400 meters (Little).
Local habitat and abundance	Closed-cone pine forests, California mixed evergreen forest, redwood forest, and Do
Plant strategy type / successional stage	Shade-tolerant (Plants). Blooms in the winter and spring. Low to moderate water requirements (Calscape).
Plant characteristics	The Evergreen Violet is a perennial herb with leathery, purple-spotted leaves and ye (Calscape). Flowering time is from January to July (Little) form mats (clones) one meter or more in diameter (Flora of North America).
PROPAGATION DETAILS: FROM SEED	
Ecotype	The seeds are 2mm in size and are purple (Little). The fruit type is a capsule and may self-seed (Lady Bird).
Propagation Goal	Plants
Propagation Method	Seed
Product Type	Container
Stock Type	1 gallon container, 1 year old plants (RNGR)
Time to Grow	
Target Specifications	Until roots are well developed (RNGR)
Propagule Collection Instructions	

Propagule Processing/Propagule Characteristics	
Pre-Planting Propagule Treatments	
Growing Area Preparation / Annual Practices for Perennial Crops	Prefers loamy soils (Earth one).
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: VEGETATIVE	
Ecotype	
Propagation Goal	plants
Propagation Method	Vegetative
Product Type	Container (plug)
Stock Type	1 gallon container, 1 year old plants (RNGR)
Time to Grow	4 months (RNGR)
Target Specifications	Until roots are well developed.
Propagule Collection Instructions	Propagate through division in early spring to late summer(Earth One).
Propagule Processing/Propagule Characteristics	The amount depends on the size of the plant you begin with
Pre-Planting Propagule Treatments	Division of the plant making sure every cutting has established roots (Earth One). Tip Cuttings, 5-7.6 cm (2-3 in) in length. Rooting hormone should be used to enhanc

Growing Area Preparation / Annual Practices for Perennial Crops	Cuttings should be put into moist growing media (Earth One). 50 short plug tray with 2-3 cutting in each plug. Cutting are placed in a misting area v
Establishment Phase Details	Remove from heated misting area and transfer the plugs to a shaded greenhouse wl Fahrenheit and has 16 hour long-day length high pressure sodium lights (RNGR).
Length of Establishment Phase	6 to 7 weeks long (RNGR).
Active Growth Phase	Transfer into 1 quart pots with 4:1 potting media/turface. The pots are still left in th (RNGR).
Length of Active Growth Phase	8 to 10 weeks long (RNGR).
Hardening Phase	No information provided.
Length of Hardening Phase	No information provided.
Harvesting, Storage and Shipping	
Length of Storage	
Guidelines for Outplanting / Performance on Typical Sites	Outplant in the spring or leave the potted violets outside of the greenhouse during t
Other Comments	Some information was based off of general plant propagation guides for the family c Evergreen violet was limited.
	INFORMATION SOURCES
References	Grubb, S. (2010). *Plant Propagation Protocol for Viola sempervirens*. https://courses.washington.edu/esrm412/protocols/2010/VISE3.pdf Lady Bird Johnson Wildflower Center. (2023). *Viola sempervirens*. https://www.wildflower.org/plants/result.php?id_plant=VISE3 United States Department of Agriculture. (2025). *Classification for Kingdom Plantae* *https*://plants.usda.gov/classification/69500 United State Department of Agriculture. (2025). *Viola sempervirens Greene*. https:// Plants for a Future. (2025). *Viola sempervirens - Greene*. https://pfaf.org/user/Plant. Calscape: California Native Plant Society. (2025). *Redwood Violet, Viola sempervirens* (Redwood-Violet). Little, J. The University and Jepsen Herbaria, University of California, Berkely. (2025) *REDWOOD VIOLET*. https://ucjeps.berkeley.edu/eflora/eflora_display.php?tid=4830

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