

Plant Propagation Protocol for *Boykinia occidentalis*
ESRM 412 – Native Plant Production
Spring 2008



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TAXONOMY

Family
Names

Family Scientific Name:	Saxifragaceae (1)
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Family	Saxifrages (1)
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Common Name:	
Scientific Names	
Genus:	Boykinia (1)
Species:	Occidentalis (1)
Species Authority:	Torr. & Gray (1)
Variety:	Cincinnata (2) Elata (2)
Common Synonym(s) (include full scientific names (e.g., <i>Elymus glaucus</i> Buckley), including variety or subspecies information)	Boykina elata (2) Boykinia vancouverensis (2)
Common Name(s):	Coastal Brookfoam (1)
Species Code (as per USDA Plants database):	BOOC2 (4)
GENERAL INFORMATION	
Geographical range (distribution maps for North America and Washington state)	CA, OR, WA (4) BC (Canada)
Ecological distribution (ecosystem)	Northern Coastal Scrub, Mixed Evergreen Forest, Redwood Forest, Chaparral, Yellow Pine Forest, Wetland-riparian (3)

Where it occurs in, etc):	
Climate and elevation range	0-5,000 ft. (3)
Local habitat and abundance; may include commonly associated species	Usually occurs in wetlands, however can occasionally be found in non-wetlands. (3)
Plant characteristics (life form (shrub, grass, forb), longevity, key characteristics, etc)	Perennial herb from rhizomes. Stems are slender 15-60 cm tall and brownish to reddish-hairy. Leaves are characterized by basal and lower stem leaves that are heart to kidney shaped. Flowers are characterized by an open compound panicle. Flowers are slightly irregular; petals are white, spoon-shaped to lanceolate. Fruits are beaked capsule. Seeds are black and minutely spiny. (5)

PROPAGATION DETAILS

Ecotype (this is meant primarily for experimentally derived protocols, and is a description of where the seed that was tested came from):	Wetland-Riparian (3)
Propagation Method (Options: Seed or Vegetative):	Seed Propagation procedures not available.

