Plant Propagation Protocol for __Boykinia occidentalis____ ESRM 412 – Native Plant Production Spring 2008



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TAXONOMY		
Family		
Names		
Family	Saxifragaceae (1)	
Scientific		
Name:		
Family	Saxifrages (1)	

Common Name:	
Scientific	<u>l</u>
Names	
Genus:	Dautinia (1)
	Boykinia (1)
Species:	Occidentalis (1)
Species	Torr. & Gray (1)
Authority:	<u> </u>
Variety:	Cincinnata (2)
	Elata (2)
Common	Boykina elata (2)
Synonym(Boykinia vancouverensis (2)
s) (include full	l '
scientific	
names	
(e.g.,	
Elymus	
glaucus	
Buckley),	
including	
variety or	
subspecies	
informatio	
n)	
Common	Coastal Brookfoam (1)
Name(s):	
Species Code (es	BOOC2 (4)
Code (as	
per USDA Plants	
database):	
	L INFORMATION
Geographical	
range	BC (Canada)
(distributio	
n maps for	
North	
America	
and	
Washingto	
n state)	
Ecological	Northern Coastal Scrub, Mixed Evergreen Forest, Redwood Forest, Chaparral, Yellow Pine Forest,
distribution	1 ()
(ecosystem	

s it occurs	
in, etc):	
Climate and	0-5,000 ft. (3)
elevation	
range	
Local habitat	Usually occurs in wetlands, however can occasionally be found in non-wetlands. (3)
and	
abundance;	
may	
include	
commonly	
associated	
species	
Plant	Perennial herb from rhizomes. Stems are slender 15-60 cm tall and brownish to reddish-hairy. Leaves are
characterist	Characterized by basal and lower stem leaves that are hear to kidney shaped. Flowers are characterized by
ics (life	an open compound panicle. Flowers are slightly irregular; petals are white, spoon-shaped to blanceolate.
form	Fruits are beaked capsule. Seeds are black and minutely spiny. (5)
(shrub,	
grass,	
forb),	
longevity,	
key	
characterist	
ics, etc)	
PROPAGA'	ΓΙΟΝ DETAILS
Ecotype (this	Wetland-Riparian (3)
is meant	
primarily	
for	
experiment	
ally derived	
protocols,	
and is a	
description	
of where	
the seed	
that was	
tested came	
from):	
Propagation	Seed
Method	Propagation procedures not available.
(Options:	
Seed or	
Vegetative)	
1 :	

INFORMA	TION SOURCES
References	1. Itis Report. Boykinia occidentalis.
(full	http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=all&search_value=Boykinia+occident
citations):	April 2008.
·	2. Global Biodiversity Information Facility. Boykinia occidentalis Torr. & Gray. http://data.gbif.org/species/
'	3. Calflora. Taxon Report 1135. http://www.calflora.org/cgi-bin/species_query.cgi?where-taxon=Boykinia+c
'	4. USDA NRCS. The Plants Database. http://plants.usda.gov/java/nameSearch?keywordquery=boykinia+o
'	5. E-Flora BC: Electronic Atlas of the Plants of British Columbia. Boykinia Occidentalis. http://linnet.geog.i
'	
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Other	Royal Botanic Gardens, Kew. Seed Information Database. http://data.kew.org/sid/SidServlet?Source=epic&
Sources	USDA GRIN. Boykinia occidentalis. http://www.ars-grin.gov/cgi-bin/npgs/html/taxon.pl?448092. April 200
Consulted	Soltis, Douglas E. Karyotypes and Relationships among bolandra, boykinia, peltoboykinia, and suksdorfia (\$
(but that	Russel M. Wills and Richard G. Lipsey. An Economic Strategy to Develop Non-Timber Forest Products and
contained	Russel III. While the Richard G. Especy. In Books and State Especy to 20, 100 p. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
no	
pertinent	
information	
) (full	
citations):	
Protocol	Jesse Anderson
Author	Jesse Tillderson
(First and	
last name):	
Date Protocol	04/28/08
Created or	04/26/00
Updated	
(MM/DD/	
(11111111111111111111111111111111111111	

Note: This template was modified by J.D. Bakker from that available at: http://www.nativeplantnetwork.org/network/SampleBlankForm.asp

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