

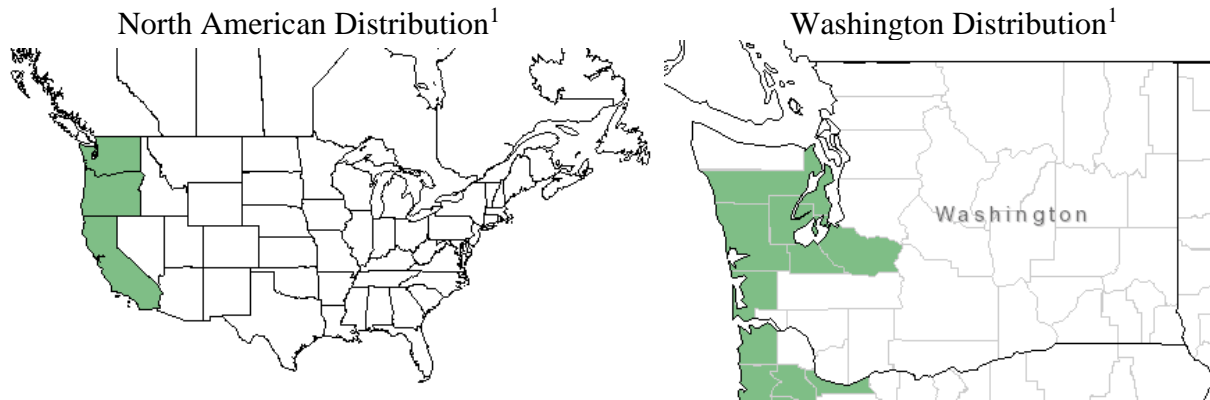
**Plant Propagation Protocol for *Lotus aboriginus* Jeps.**

ESRM 412 – Native Plant Production

Protocol URL: <https://courses.washington.edu/esrm412/protocols/LOAB.pdf>



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<b>TAXONOMY</b>	
<b>Plant Family</b>	
Scientific Name	Fabaceae <sup>1</sup>
Common Name	Pea family <sup>1</sup>
<b>Species Scientific Name</b>	
Scientific Name	<i>Lotus aboriginus</i> Jeps. <sup>1</sup>
Varieties	
Sub-species	
Cultivar	
Common Synonym(s)	<i>Hosackia rosea</i> Eastw. <sup>1</sup> <i>Lotus crassifolius</i> (Benth.) Greene var. <i>subglaber</i> (Ottley) C.L. Hitchc. <sup>1</sup> <i>Lotus stipularis</i> (Benth.) Greene var. <i>subglaber</i> Ottley <sup>1</sup>
Common Name(s)	rosy bird's-foot trefoil <sup>1</sup> , thicket trefoil <sup>2</sup> , rose flowered lotus <sup>3</sup> , rosy lotus <sup>7</sup>
Species Code (as per USDA Plants database)	LOAB

<b>GENERAL INFORMATION</b>	
Geographical range	<p>In North America, <i>L. aboriginus</i> is only found along the west coast of the United States, in Washington, Oregon, and California<sup>1,2</sup>.</p> <p>In Washington, <i>L. aboriginus</i> is found only in 7 counties on the western side of the state: Jefferson, Grays Harbor, Pacific, Mason, Kitsap, Thurston, and Pierce. It is similarly found in western counties of Oregon and northern California<sup>1</sup>.</p> <p>See maps above.</p>
Ecological distribution	<i>L. aboriginus</i> is found in grasslands and forests <sup>4</sup> .
Climate and elevation range	60-1200 m <sup>4</sup>
Local habitat and abundance	<i>L. aboriginus</i> grows in woods, coastal mountains, and disturbed habitat such as along roadsides <sup>4</sup> , as well as on banks, streamsides, burns, and logged areas <sup>5</sup> .
Plant strategy type / successional stage	
Plant characteristics	<p><i>L. aboriginus</i> is a forb, dicot, and perennial herb<sup>1,3,4</sup>.</p> <p>The stem can be either spreading or erect, and 1-7 dm in height<sup>5</sup> with alternating leaves<sup>8</sup>. The stipules of its leaves are scarious, inconspicuous, and fragile<sup>5</sup>. Its leaflets are elliptical and 1.5-3 cm in length, about 2-3 times longer than they are wide.</p> <p><i>L. aboriginus</i> flowers from May to July<sup>5,6</sup>, and its flowers grow in groups of 6-10 and are white or pink in color and striated<sup>5</sup>. The flowers darken with age, and have a claw coming out from the calyx tube. The calyx is 4-6 mm long, and the flower's lobes are shorter than the tube. Its fruit is 3-5 cm long, 2-4 mm wide, oblong, and glabrous, with several seeds<sup>5</sup>.</p> <p>The plant can be observed from the beginning of April through the 3<sup>rd</sup> week of September<sup>8</sup>.</p>
<b>PROPAGATION DETAILS</b>	
<b>No propagation protocols found for <i>Lotus aboriginus</i> or its close relatives</b>	
Ecotype	
Propagation Goal	
Propagation Method	
Product Type	
Stock Type	
Time to Grow	
Target Specifications	

Propagule Collection Instructions	
Propagule Processing/Propagule 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 Growth Phase	
Hardening Phase	
Length of Hardening Phase	
Harvesting, Storage and Shipping	
Length of Storage	
Guidelines for Outplanting / Performance on Typical Sites	
Other Comments	
<b>INFORMATION SOURCES</b>	
References	See below
Other Sources Consulted	See below
Protocol Author	Kyra Woytek
Date Protocol Created or Updated	5/29/19

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