

Plant Propagation Protocol for [*Androsace elongata*]

ESRM 412 – Native Plant Production

URL: [https://courses.washington.edu/esrm412/protocols/\[2025\]/\[USDA Species Code.pdf\]](https://courses.washington.edu/esrm412/protocols/[2025]/[USDA Species Code.pdf])

TAXONOMY

Plant Family Primulaceae (Primerose Family)

Scientific Name *Androsace elongata*
ssp. acuta

Common Name California rockjasmine

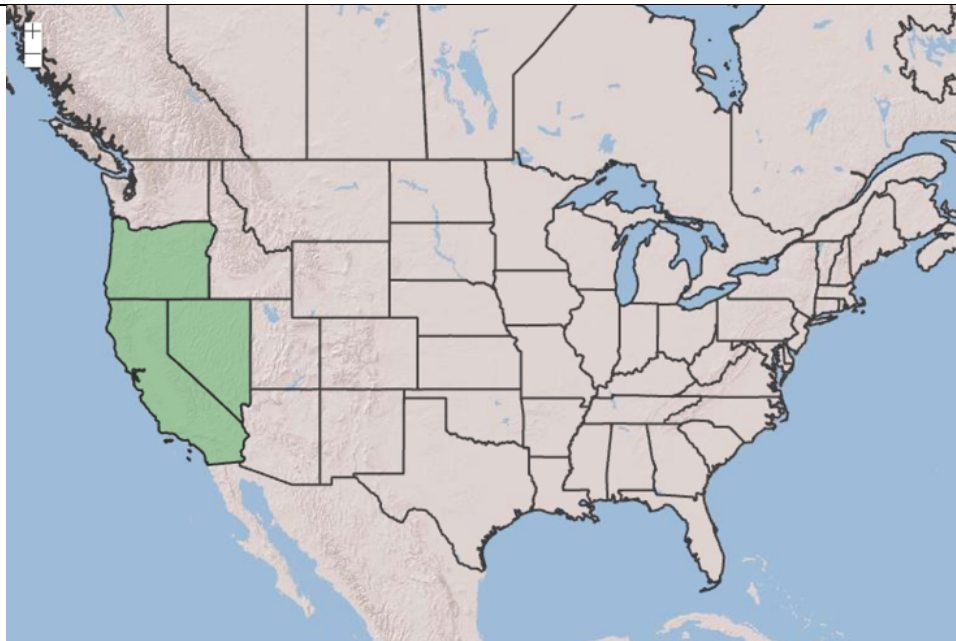
Species Scientific Name *Androsace elongata* Linnaeus



(2022 R.A. Chasey)

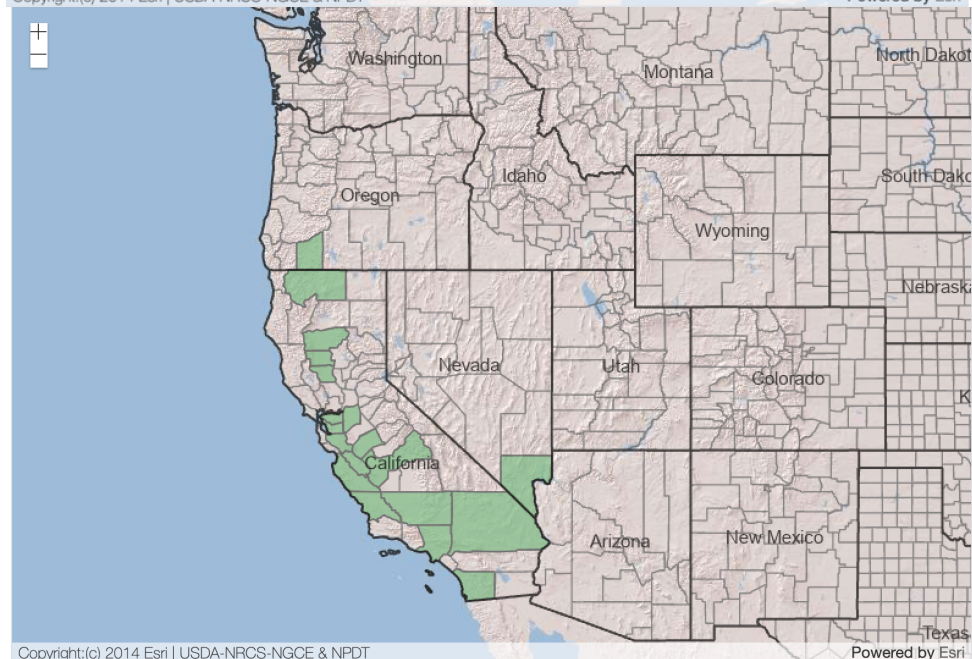
Varieties *Androsace septentrionalis* L. - pygmyflower rockjasmine

Sub-species	<ul style="list-style-type: none"> - <i>Androsace chamaejasme</i> Wulfen - sweetflower rockjasmine - <i>Androsace filiformis</i> Retz. - filiform rockjasmine - <i>Androsace maxima</i> L. - greater rockjasmine - <i>Androsace occidentalis</i> Pursh - western rockjasmine - <i>Androsace septentrionalis</i> L. - pygmyflower rockjasmine
Cultivar	<i>Androsace elongata</i>
Common Synonym(s)	N/A
Common Name(s)	California Fairy Candelabra, California <i>Androsace</i>
Species Code (as per USDA Plants database)	ANEL2
GENERAL INFORMATION	
Geographical range	The <i>Androsace elongata</i> is native to California and Baja California, but is found throughout the west including Oregon and Nevada, and Washington



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Ecological distribution	Androsace elongata is an annual species that grows on open, grassy slopes and mixed forests, and as the name suggests, in rocky areas. They prefer well-drained sandy loam soil, and that does not need to be rich in nutrients ² .
Climate and elevation range	Typically found in elevations of 2800 - 4000 meters, favoring cooler, dry alpine climates ² .
Local habitat and abundance	Northern Coastal Scrub, Coastal Sage Scrub, Foothill Woodland, Chaparral ² .
Plant strategy type / successional stage	Due to the ability of growing well in nutrient poor soils and is low water tolerant, Androsace elongata is an early successional species ¹ .
Plant characteristics	Androsace elongata is a forb/herb species that blooms in early spring. It has a small white flower, thick succulent-like, hairy leaves with red tips surrounding the flower. The plant grows up to 3 inches tall, sprouting in patches ⁵ .

PROPAGATION DETAILS	
Ecotype	N/A
Propagation Goal	Plant
Propagation Method	Seed
Product Type	Container (plug)
Stock Type	N/A
Time to Grow	N/A
Target Specifications	Androsace elongata target size is 2-8 cm tall, with hairy stems and leaves. The leaves themselves should be 5-20mm lance-linear that tapers into the petiole. It has an inflorescence flower arrangement, with tiny, white flowers, smaller than the calyx ⁵ .
Propagule Collection Instructions	February – April ⁵
Propagule Processing/ Propagule Characteristics	Capsule fruit type ³
Pre-Planting Propagule Treatments	Requires cold stratification, can take about two years to germinate, likely needing two temperature cycles ¹ .
Growing Area Preparation / Annual Practices for Perennial Crops	As soon as the seeds become ripe, sow the seed in a cold frame in sandy soil media, and bottom water the plant. When seedlings are large enough to handle, separate the seedlings into individual pots, and allow them to continue to grow in a partially shaded cold frame ¹ .
Establishment Phase Details	Androsace produces runners that divide in early summer, plant them in sandy composted until they have more established roots before outcropping ¹ .
Length of Establishment Phase	About 2 years
Active Growth Phase	N/A
Length of Active Growth Phase	Allow Androsace elongate to grow until they are about 0.1m by 0.2 cm ⁵ .
Hardening Phase	N/A
Length of Hardening Phase	N/A

Harvesting, Storage and Shipping	N/A
Length of Storage	N/A
Guidelines for Outplanting / Performance on Typical Sites	Plan to out crop in spring or early summer. Androsace produces runners that divide in early summer, plant them in sandy compost until they have more established roots before outcropping ¹ .
Other Comments	I would like to note that there is not a protocol for this species, some of the information from this protocol is derived from other Androsace species that were applicable to Androsace
INFORMATION SOURCES	
References	<ol style="list-style-type: none"> 1. “Androsace - Wall.” Androsace Rock Jasmine PFAF Plant Database. Accessed May 6, 2025. https://pfaf.org/user/Plant.aspx?LatinName=Androsace#:~:text=Suitable%20for%3A%20light%20(sandy),light%20woodland)%20or%20no%20shade. 2. Androsace elongata ssp. acuta calflora. Accessed May 6, 2025. https://www.calflora.org/app/taxon?crn=348. 3. “Plant Database.” Lady Bird Johnson Wildflower Center - The University of Texas at Austin. Accessed May 6, 2025. https://www.wildflower.org/plants/result.php?id_plant=ANEL2. 4. Plant details page for: California androsace. Accessed May 6, 2025. https://www.smmflowers.org/mobile/species/Androsace_elongata_acuta.htm. 5. (2025). Retrieved from https://ucjeps.berkeley.edu/eflora/eflora_display.php?tid=49111 6. USDA plants database. Accessed May 6, 2025. https://plants.sc.egov.usda.gov/plant-profile/ANDRO3/subordinate-taxa.
Other Sources Consulted	<ol style="list-style-type: none"> 7. “Androsace Septentrionalis : Northern Androsace: Rare Species Guide.” Minnesota Department of Natural Resources, June 24, 2024. https://www.dnr.state.mn.us/rsg/profile.html?action=elementDetail&selectedElement=PDPRI02060. 8. “Practical Plants.” Androsace sarmentosa (Rock Jasmine) - Practical Plants. Accessed May 6, 2025. https://practicalplants.org/wiki/androsace_sarmentosa/. 9. Ross. “Cute but Tough – Silky Rock Jasmine (Androsace): Plant Select.” Plant Select Durable Plants for the Garden, January 28, 2025. https://plantselect.org/plantstories/cute-but-tough-silky-rock-jasmine-androsace/. 10. WTU Herbarium, Burke Museum. Androsace - Burke Herbarium Image Collection. Accessed May 6, 2025. https://burkeherbarium.org/imagecollection/taxon.php?Taxon=Androsace.
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Date Protocol Created or Updated	05/06/2025
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