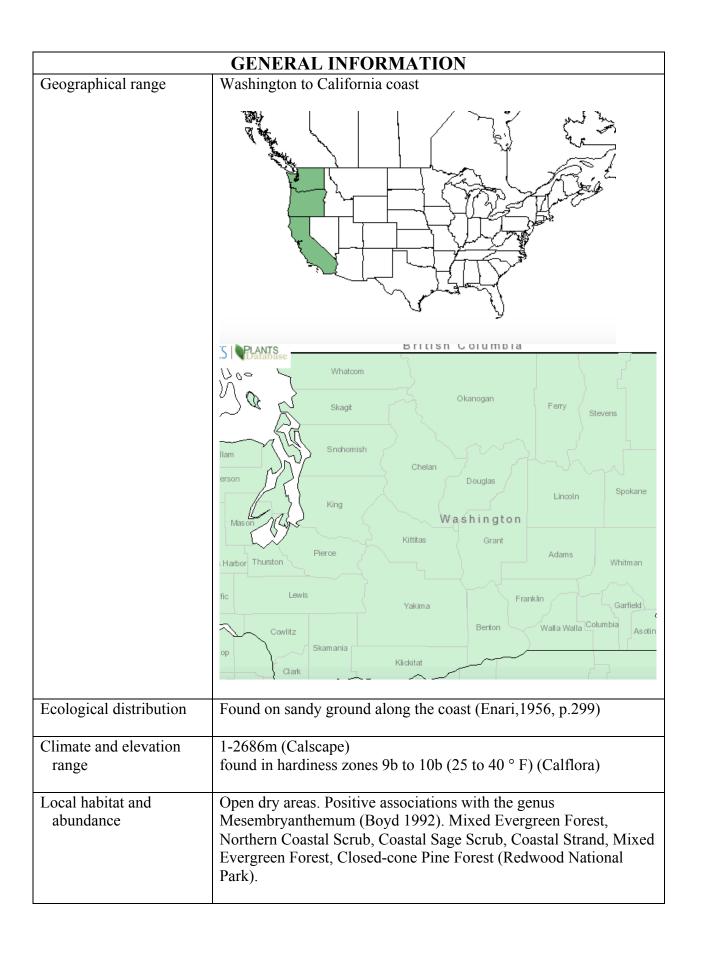
Plant Propagation Protocol for *Agoseris apargioides* ESRM 412 – Native Plant Production

Protocol URL: https://courses.washington.edu/esrm412/protocols/*AGAP2*



TAXONOMY		
Plant Family		
Scientific Name	Asteraceae	
Common Name	Daisy	
Species Scientific		
Name	T	
Scientific	Genus: Agoseris	
	Species: apargioides	
	Species Authority: (Less.) Greene	
Varieties	Agoseris apargioides (Less.) Greene var. apargioides	
	Agoseris apargioides var. eastwoodiae (Fedde) Munz	
	Agoseris apargioides var. maritima (Sheldon.) Q. Jones	
Sub-species	N/A	
Cultivar		
Common Synonym(s)	Agoseris hirsute, Agoseris humilis, Leontodon hirsutus, Taraxacum	
	hirsutum, Troximon apargioides	
Common Name(s)	Seaside agoseris, seaside false dandelion	
Species Code (as per	AGAP2	
USDA Plants database)		



Plant strategy type /	Shade tolerant and low water tolerant.		
successional stage Plant	Low growing perennial herb with long rhizome like stem that is		
	buried by drifting sand. Bloom time is May through August but		
	could flower year-round depending on the conditions (Wild Flower		
	Center). The growing season is six to ten months. The fruit is an achene 5-12 mm long. The lower part of the achene has one seed		
	and the upper part of the achene forms a narrow beak that possesses		
	a white pappus (Calflora).		
PROPAGATION DETAILS			
Ecotype	No information found		
Propagation Goal	Plant		
Propagation Method	Seed		
Product	Soil Requirements: Tolerates soils with pH range 5.4-7.1. Prefers fine, medium, and course textured soils (Calflora). Container (plug)		
C. 1 T	(Native Plant Network)		
Stock Type	(Due to limited information found, details found for Agoseris		
Time to Grow	grandiflora) Deepot 16 (Native Plant Network)(Due to limited information found, details found for Agoseris		
Time to Grow	heterophylla) 4 months (Native Plant Network)		
Target Specifications	(Due to limited information found, details found for <i>Agoseris</i>		
	grandiflora) Firm root plug in container (Native Plant Network)		
Propagule Collection Instructions	Missing information		
Propagule	Missing information		
Processing/Propagule Characteristics			
Pre-Planting Propagule Treatments	Missing information		
Growing Area	(Due to limited information found, details found for Agoseris		
Preparation / Annual	grandiflora)		
Practices for Perennial	Fully Controlled Greenhouse.		
Crops	Sowing Method: Transplanting Germinant.		
	2 grams of seeds are sown per flat containing Sunshine Mix #4 Aggregate Plus (peat moss, perlite, major and minor nutrients,		
	gypsum, and dolomitic lime).		
	Seeds are mixed with media to sow and are surface sown.		
	Flats are watered in with an automatic irrigation system.		
	Seeds are sown on June 1st.		
	% Germination: 10%		
	(Native Plant Network)		
Establishment Phase Details	Missing information		
Length of Establishment Phase	Missing information		

Active Growth Phase	Missing information
Length of Active Growth Phase	(Due to limited information found, details found for <i>Agoseris heterophylla</i>) Flowering and seed ripening continued for 2 months. With continued watering this could have been extended.
Hardening Phase	(Due to limited information found, details found for Agoseris heterophylla) Seed was collected prior to watering so as not to wash away the ripened achenes (Native Plant Network)
Length of Hardening Phase	Missing information
Harvesting, Storage and Shipping	Missing information
Length of Storage	Missing information
Guidelines for Outplanting / Performance on Typical Sites	Missing information
Other Comments	N/A
	INFORMATION SOURCES
References)	 Boyd, Robert s. "INFLUENCE OF AMMOPHILA ARENARIA ON FOREDUNE PLANT MICRODISTRIBUTIONS AT POINT REYES NATIONAL SEASHORE, CALIFORNIA." <i>Madrono</i>, vol. 39, no. 1, 1992, pp. 67–76., doi:10.3897/bdj.4.e7720.figure2f. "Redwood National Park." <i>Humboldt State University</i>, Botanical Studies Open Educational Resources and Data, 17 Sept. 18AD, digitalcommons.humboldt.edu/cgi/viewcontent.cgi?article= 1084&context=botany_jps. Information on Wild California Plants." <i>Calflora</i>, https://www.calflora.org/cgi-bin/species_query.cgi?where-calrecnum=121 (Accessed April 29, 2019). "Information on Wild California Plants." <i>Calflora</i>, www.calflora.org/. (Accessed April 29, 2019). "Seaside Agoseris (Agoseris Apargioides)." <i>INaturalist.org</i>, www.inaturalist.org/taxa/58801-Agoseris-apargioides. (Accessed April 14, 2019)
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