

## DRAFT

### Rare Plants of Santa Barbara County

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The purpose of this list is to bring attention to those native vascular plant taxa with a limited distribution in Santa Barbara County, regardless of their distribution elsewhere. This list includes vascular plant taxa that are currently known from 1–5 “occurrences” (see **Occurrences** below).

This list was prepared using records maintained as part of a specimen-based database at the Santa Barbara Botanic Garden and records reported by the California Consortium of Herbaria (CCH). It includes plants from the mainland and four California Channel Islands (Santa Barbara, Santa Cruz, Santa Rosa, and San Miguel). Records were acquired from verified specimens deposited in herbaria participating in the CCH. Additional records were acquired from peer-reviewed publications and professional reports that refer to specimens at other herbaria or verified observations (e.g., California Natural Diversity Database); some of these records do not necessarily appear in the CCH, because they have not been documented by specimens in CCH-participating institutions.

The rationale for this list is summarized on the California Native Plant Society (CNPS) webpage at “CNPS/Rare Plant Science/Locally Rare”, wherein are cited publications providing evidence in support of identifying locally rare populations, especially those that represent disjunct or extralimital occurrences.

**Nomenclature** follows The Jepson Manual (Baldwin et al., 2012) and as succeeded by the Jepson eFlora (Revisions 1–5) and recent scientific publications (e.g., Flora of North America, 1999–2016+, Oxford University Press). Additional information, including synonymy and distributional records based on specimens, can be accessed on the Jepson Herbarium Online Interchange or the Jepson eFlora.

**Occurrences.** Any two documented locations that were estimated to be 1+ km (ca. 0.6+ mi) apart are considered to represent separate “occurrences”. Such “occurrences” are not necessarily equivalent to element occurrences as used by NatureServe or the California Natural Diversity Database. Only those species, subspecies, and varieties represented by 1–5 documented natural occurrences in Santa Barbara County are listed here. The choice of 1–5 occurrences is arbitrary. The upper limit of 5 occurrences results in a manageable number of taxa deserving attention and is comparable to the Ventura County Planning Division’s online list of locally important (rare) plants [[vcrma.org/ventura-county-locally-important-species-list](http://vcrma.org/ventura-county-locally-important-species-list)] Some occurrences are based on historical records for which no recent reports are available. For some taxa, historic

(75+ years old) or ambiguous records (e.g., “Santa Barbara County”, “Santa Ynez Mountains”) were not counted. Six species with more than 5 reported occurrences (e.g., *Juglans californica*, *Malva assurgentiflora* subsp. *assurgentiflora*) are included, because 5 or fewer are considered natural, with additional populations representing intentional plantings or having escaped from cultivation.

**Rarity** estimated from number of occurrences does not provide an accurate estimate of decline or threats to loss of populations (i.e., endangerment). The number of current populations relative to previously documented localities, population size, potential habitat, and sensitivity to environmental factors are critical to collectively determining vulnerability. Decline can only be determined by periodic inventories and regular monitoring of known populations, including assessment of current conditions and potential environmental effects (e.g., agricultural practices, urbanization, competition from naturalized alien species, intensive human activity).

Unfortunately, adequate inventory and monitoring data are not available for most of the species on this list. Consequently, it is difficult to determine which species have experienced significant decline, but all need assessment of their status and potential threats to extirpation of occurrences. The list is updated whenever credible evidence is provided to substantiate either deletions or additions.

No attempt has been made to assess rarity status analogous to the California Rare Plant Rank (CRPR) system used by the California Native Plant Society and the California Natural Diversity Database. All plants assigned a California Rare Plant Rank (CRPR 1–4) occurring in Santa Barbara County can be found on the California Native Plant Society’s online inventory, by choosing “Advanced Search” and choosing Santa Barbara County in the “County or Island List”.

**Excluded Species.** Some species reported from Santa Barbara County (e.g., C. F. Smith. A flora of the Santa Barbara region, 2nd edition, 1998) are excluded, because no specimens have been located to support the report (see **Excluded Species** at end of list). Examples include species whose reports were based on misidentified specimens (e.g., *Navarretia subuligera*, *Phacelia cryptantha*, *Phlox austromontana*, *Ribes sericeum*). Some listed species in the online CNPS Rare Plant Inventory (i.e., assigned a CRPR ranking) are excluded, because they are known from 10 or more occurrences. Examples include *Baccharis plummerae* subsp. *plummerae* and *Lyonothamnus floribundus* subsp. *aspleniifolius*. A few state or federally listed species (e.g., *Cordylanthus rigidus* subsp. *littoralis*, *Deinandra increscens* subsp. *villosa*, *Galium buxifolium*, *Heuchera maxima*, *Helianthemum greenei*) are excluded because they are known from 10 or more occurrences *and* are either protected from decline or, in rare instances, have shown an increase in numbers. Named hybrids of interspecific crosses have not been included, unless one or both parental species are rare (e.g., *Quercus x kinseliae*, a rare hybrid between *Q. dumosa* and *Q. lobata*).

**Distribution.** In general, species on this list are found in habitats with limited areas in Santa Barbara County, including isolated stands of high elevation conifer forests (e.g., *Abies concolor*, *Collomia tinctoria*, *Pedicularis semibarbata*, *Pinus jeffreyi*), shrublands of the Cuyama Valley (e.g., *Atriplex canescens* var. *laciniata*, *Cylindropuntia californica* var. *parkeri*, *Eriastrum hooveri*), vernal pools (e.g., *Eryngium vaseyi*, *Isoetes howellii*, *Triglochin scilloides*, *Plagiobothrys acanthocarpus*), coastal bluffs between Point Sal and Point Conception (e.g., *Ceanothus thyrsiflorus* var. *griseus*, *Eriastrum densifolium* subsp. *patens*, *Leptodactylon californicum* subsp. *tomentosum*, *Sanicula arctopoides*), coastal dunes (e.g., *Cirsium rhotophilum*, *Layia carnososa*, *Monardella undulata* subsp. *arguelloensis*), marshes (e.g., *Alisma plantago-aquatica*, *Cladium californicum*, *Echinodorus berteroi*), and serpentinite outcrops (e.g., *Caulanthus amplexicaulis* var. *barbarae*, *Hesperocyparis sargentii*, *Helianthus bolanderi*, *Quercus durata* var. *durata*).

Many species are common elsewhere but are included in this list because they are at the geographic limits of their natural distribution. Among them are *Calamagrostis rubescens*, *Carex douglasii*, *Gaultheria shallon*, *Iris douglasiana*, and *Pseudotsuga menziesii*. Such populations are of special biological interest because they may include genetic variation not found elsewhere.

**Caveats:** In addition to lack of threat assessment, there are several other limitations to this list. First and foremost, it has been assumed that the identifications of specimens are correct. Identification errors may have either positive or negative effects on the number of occurrences. In some cases, errors in assigning or reporting geo-reference data also can have similar effects. Not all records in the CCH are georeferenced and thus do not appear on the distribution map published for each taxon in the Jepson eFlora; such records (and their locations) have been considered in the estimate of occurrences. Some taxa and specialized habitats may not have been adequately sampled. Finally, some areas in Santa Barbara County, especially on the mainland, have not been adequately surveyed.

**Comments.** All comments, questions, and requests for information regarding names, record entries, and information on a species may be directed to Dr. Dieter Wilken, Research Associate, Santa Barbara Botanic Garden, 1212 Mission Canyon Road, 93105. Email: [dwilken@sbbg.org](mailto:dwilken@sbbg.org). Proposals for additions or deletions should be accompanied by documented specimens or citation of voucher specimens that have been deposited in a public herbarium and verified by a specialist.

**Notes in parentheses appearing after names.** Endemic to Santa Barbara County = (Endemic); occurring in Santa Barbara County only on the Channel Islands = (ISL); CNDBB Special Plant List: State Rare = (CR); State Threatened = (CT); State Endangered = (CE); Federally Threatened = (FT); and Federally Endangered = (FE). A few species with no recent records (e.g., < 50+ years) may be extirpated in Santa Barbara County and are so noted. Some species (e.g. *Juglans californica*, *Malva assurgentiflora*) have been planted or have escaped from cultivation; such occurrences were not counted.

Scientific Name	Common Name
<i>Abies concolor</i>	white fir
<i>Abronia latifolia</i>	yellow sand-verbena
<i>Acaena pinnatifida</i> var. <i>californica</i>	California acaena
<i>Acanthoscyphus parishii</i> var. <i>abramsii</i>	Abrams oxytheca
<i>Acmispon dendroideus</i> var. <i>veatchii</i> (ISL)	San Miguel Island deer weed
<i>Acmispon heermannii</i> var. <i>heermannii</i>	Heermann's bird's-foot trefoil
<i>Acmispon heermannii</i> var. <i>orbicularis</i>	coastal Heermann's bird's-foot trefoil
<i>Acmispon nevadensis</i> var. <i>davidsonii</i>	Davidson's bird's-foot trefoil
<i>Agoseris apargioides</i>	seaside agoseris
<i>Agrostis microphylla</i>	small-leaved bent grass
<i>Alisma plantago-aquatica</i>	water plantain
<i>Allium amplexans</i>	narrow-leaved onion
<i>Allium burlewii</i>	Burlew's onion
<i>Allium diabloense</i>	devil's onion
<i>Allium monticola</i>	mountain onion
<i>Ammannia coccinea</i>	long-leaved ammannia
<i>Anaphalis margaritacea</i>	western pearly everlasting
<i>Ancistrocarphus keilii</i> (Endemic)	Keil's woolly fishhooks
<i>Angelica tomentosa</i>	woolly angelica
<i>Antirrhinum coulterianum</i>	white snapdragon
<i>Aphanisma blitoides</i>	aphanisma
<i>Arctostaphylos confertiflora</i> (Endemic; ISL; FE)	Santa Rosa Island manzanita
<i>Arctostaphylos glandulosa</i> subsp. <i>gabrielensis</i>	San Gabriel Mtn manzanita
<i>Arctostaphylos pungens</i>	point leaf manzanita
<i>Arctostaphylos purissima</i> subsp. <i>globosa</i> (Endemic)	globose-fruit manzanita
<i>Arctostaphylos refugioensis</i> (Endemic)	Refugio manzanita
<i>Argyroschisma jonesii</i>	Jones' cloak fern
<i>Aristida adscensionis</i>	triple-awned grass
<i>Armeria maritima</i> subsp. <i>californica</i>	California thrift
<i>Arnica discoidea</i>	rayless arnica
<i>Artemisia nesiotica</i> (ISL)	island sagebrush
<i>Arthrocnemum subterminale</i>	Parish's glasswort
<i>Astragalus didymocarpus</i> var. <i>milesianus</i>	Miles' milk vetch
<i>Astragalus lentiginosus</i> var. <i>idriensis</i>	Idria milk vetch
<i>Astragalus pachypus</i> var. <i>pachypus</i>	thick-podded milk vetch
<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i> (CE, FE)	Ventura marsh milk-vetch
<i>Astragalus traskiae</i> (ISL; CR)	Trask's milk vetch
<i>Astragalus trichopodus</i> var. <i>trichopodus</i>	Santa Barbara milk vetch
<i>Athyrium filix-femina</i> var. <i>cyclosorum</i>	northwestern lady fern
<i>Atriplex canescens</i> var. <i>canescens</i>	four-wing saltbush
<i>Atriplex canescens</i> var. <i>laciniata</i>	Caleb saltbush
<i>Atriplex pacifica</i>	South Coast salt scale
<i>Atriplex serenana</i> var. <i>davidsonii</i>	Davidson's salt scale
<i>Atriplex watsonii</i>	Watson's salt scale

<b>Scientific Name</b>	<b>Common Name</b>
<i>Baccharis salicina</i> (ISL)	false seep willow
<i>Batis maritima</i>	saltwort
<i>Berberis pinnata</i> subsp. <i>insularis</i> (Endemic; ISL; FE)	island barberry
<i>Bergia texana</i>	Texas bergia
<i>Blennosperma nanum</i> var. <i>nanum</i>	common blennosperma
<i>Boechera hoffmannii</i> (Endemic; ISL; FE)	Hoffmann's rock cress
<i>Boechera repanda</i>	Yosemite rock cress
<i>Bolboschoenus robustus</i>	sturdy bulrush
<i>Boykinia occidentalis</i>	brook foam
<i>Boykinia rotundifolia</i>	round-leaved boykinia
<i>Brickellia nevinii</i>	Nevin's brickellia
<i>Brodiaea terrestris</i> subsp. <i>terrestris</i>	dwarf Brodiaea
<i>Calamagrostis rubescens</i> (ISL)	pine grass
<i>Calamagrostis koelerioides</i>	tufted pine grass
<i>California macrophylla</i>	round-leaved filaree
<i>Callitriche marginata</i>	California water starwort
<i>Calocedrus decurrens</i> (based on natural populations)	incense cedar
<i>Calochortus argillosus</i>	clay mariposa lily
<i>Calochortus invenustus</i>	plain mariposa lily
<i>Calochortus luteus</i>	yellow mariposa lily
<i>Calochortus palmeri</i> var. <i>palmeri</i>	Palmer's mariposa lily
<i>Calochortus simulans</i>	San Luis Obispo mariposa lily
<i>Calystegia collina</i> subsp. <i>venusta</i>	South Coast Range morning glory
<i>Calystegia sepium</i> subsp. <i>binghamiae</i> (extirpated?)	Santa Barbara morning glory
<i>Calystegia subacaulis</i> subsp. <i>episcopalis</i>	Cambria morning glory
<i>Camissoniopsis robusta</i> (ISL)	robust camissonia
<i>Cardamine pachystigma</i>	rock toothwort
<i>Carex douglasii</i>	Douglas' sedge
<i>Carex multicaulis</i>	stick sedge
<i>Carex pellita</i>	woolly sedge
<i>Carex rossii</i>	Ross' sedge
<i>Castilleja mollis</i> (Endemic; ISL; FE)	soft-leaved Indian paintbrush
<i>Caulanthus amplexicaulis</i> var. <i>barbarae</i> (Endemic)	Santa Barbara jewel-flower
<i>Caulanthus californicus</i> (CE; FE)	California jewel-flower
<i>Caulanthus anceps</i>	Lemmon's thelypody
<i>Caulanthus lemmonii</i>	Lemmon's jewel-flower
<i>Ceanothus impressus</i> var. <i>nipomensis</i>	Nipomo Ceanothus
<i>Ceanothus papillosus</i> var. <i>roweanus</i> (Endemic)	Tranquillon or Rowe's Ceanothus
<i>Ceanothus thyrsoiflorus</i> var. <i>griseus</i>	Carmel Ceanothus
<i>Ceanothus thyrsoiflorus</i> var. <i>thyrsoiflorus</i>	blue-blossom
<i>Centromadia parryi</i> subsp. <i>australis</i>	southern tarplant
<i>Cephalanthera austiniae</i>	phantom orchid
<i>Chenopodium fremontii</i>	Fremont's goosefoot
<i>Chenopodium littoreum</i>	coastal goosefoot
<i>Chloropyron maritimum</i> subsp. <i>maritimum</i> (CE; FE)	salt-marsh bird's-beak

<b>Scientific Name</b>	<b>Common Name</b>
<i>Chorizanthe clevelandii</i>	Cleveland's spine-flower
<i>Chorizanthe palmeri</i>	Palmer's spine-flower
<i>Cicendia quadrangularis</i>	American microcala
<i>Cicuta maculata</i> var. <i>bolanderi</i>	Bolander's water-hemlock
<i>Cirsium rhotophilum</i> (CE)	surf thistle
<i>Cirsium scariosum</i> var. <i>loncholepis</i> (CT, FE)	La Graciosa thistle
<i>Cladium californicum</i>	saw grass
<i>Claytonia gypsophiloides</i>	gypsum springbeauty
<i>Clematis pauciflora</i>	few-flowered clematis
<i>Collinsia callosa</i>	desert mountain blue-eyed mary
<i>Collinsia torreyi</i> var. <i>wrightii</i>	Wright's blue-eyed mary
<i>Collomia tinctoria</i>	yellow-staining collomia
<i>Constancea nevinii</i> (ISL)	Nevin's woolly sunflower
<i>Convolvulus simulans</i>	small flowered morning glory
<i>Cordylanthus nevinii</i>	Nevin's bird's-beak
<i>Cornus sericea</i> subsp. <i>occidentalis</i>	western dogwood
<i>Crassula aquatica</i>	water pygmy-weed
<i>Cryptantha echinella</i>	prickly cryptantha
<i>Cryptantha maritima</i> (ISL)	coast cryptantha
<i>Cryptantha simulans</i>	pine cryptantha
<i>Cylindropuntia californica</i> var. <i>parkeri</i>	Parker's cholla
<i>Cylindropuntia prolifera</i> (ISL)	coast cholla
<i>Cyperus acuminatus</i>	short-pointed umbrella-sedge
<i>Cyperus niger</i>	black flat-sedge
<i>Cystopteris fragilis</i>	brittle-fern
<i>Danthonia californica</i>	California oat-grass
<i>Deinandra clementina</i> (ISL)	island tarplant
<i>Centromadia pungens</i> subsp. <i>pungens</i>	common spike weed
<i>Delphinium gypsophilum</i> subsp. <i>gypsophilum</i>	gypsum larkspur
<i>Delphinium parryi</i> subsp. <i>purpureum</i>	Mt. Pinos larkspur
<i>Dendromecon harfordii</i> subsp. <i>harfordii</i> (ISL)	Channel Island tree-poppy
<i>Deschampsia danthonioides</i>	annual hair grass
<i>Diplacus bolanderi</i>	Bolander's monkeyflower
<i>Diplacus brandegeei</i> (Endemic; ISL; extirpated?)	Santa Cruz Island monkeyflower
<i>Diplacus vandenbergensis</i> (Endemic; FE)	Vandenberg monkey flower
<i>Distichlis littoralis</i>	shore grass
<i>Dithyrea maritima</i> (CE)	coast shield-pod
<i>Downingia cuspidata</i>	toothed downingia
<i>Dudleya blochmaniae</i> subsp. <i>blochmaniae</i>	Blochman's dudleya
<i>Dudleya blochmaniae</i> subsp. <i>insularis</i> (Endemic; ISL)	Santa Rosa Island dudleya
<i>Dudleya gnoma</i> (Endemic; ISL;)	munchkin dudleya
<i>Dudleya nesiotica</i> (Endemic; ISL; CR; FT)	Santa Cruz Island dudleya
<i>Dudleya palmeri</i>	Palmer's dudleya
<i>Dudleya traskiae</i> (Endemic; ISL; CE; FE)	Santa Barbara Island dudleya
<i>Echinodorus berteroi</i>	burhead

<b>Scientific Name</b>	<b>Common Name</b>
<i>Elatine brachysperma</i>	short-seeded waterwort
<i>Elatine californica</i>	California waterwort
<i>Eleocharis coloradoensis</i>	Colorado spike-rush
<i>Epilobium campestre</i>	pygmy epilobium
<i>Enemion occidentale</i>	western rue-anemone
<i>Eremalche parryi</i> subsp. <i>kernensis</i> (FE)	Kern mallow
<i>Eriastrum calocyanum</i>	pretty-blue woolly-star
<i>Eriastrum densifolium</i> subsp. <i>densifolium</i>	giant woolly-star
<i>Eriastrum densifolium</i> subsp. <i>patens</i>	spreading woolly-star
<i>Eriastrum filifolium</i>	narrow-leaf woolly-star
<i>Eriastrum hooveri</i> (formerly FT, delisted)	Hoover's woolly-star
<i>Eriastrum pluriflorum</i> subsp. <i>pluriflorum</i>	many-flowered woolly-star
<i>Eriastrum pluriflorum</i> subsp. <i>sherman-hoytae</i>	Mrs. Hoyt's woolly-star
<i>Eriastrum sapphirinum</i> subsp. <i>dasyanthum</i>	shaggy woolly-star
<i>Erigeron philadelphicus</i> var. <i>philadelphicus</i>	Philadelphia daisy
<i>Eriodictyon capitatum</i> (Endemic; CR; FE)	Lompoc yerba santa
<i>Eriodictyon parryi</i>	poodle-dog bush
<i>Eriogonum cinereum</i>	ashy-leaf buckwheat
<i>Eriogonum covilleum</i>	Coville's buckwheat
<i>Eriogonum giganteum</i> var. <i>compactum</i> (ISL; CR)	Santa Barbara Island buckwheat
<i>Eriogonum inerme</i> var. <i>inerme</i>	unarmed buckwheat
<i>Eriogonum umbellatum</i> var. <i>munzii</i>	Munz's sulfur-flowered buckwheat
<i>Eriogonum wrightii</i> var. <i>subscaposum</i>	short-stemmed Wright's buckwheat
<i>Eriophyllum lanatum</i> var. <i>hallii</i>	Fort Tejon woolly sunflower
<i>Eryngium aristulatum</i> var. <i>aristulatum</i> (cf. var. <i>parishii</i> )	button-celery
<i>Eryngium armatum</i>	coyote thistle
<i>Eryngium vaseyi</i> (cf. <i>E. aristulatum</i> var. <i>parishii</i> )	Vasey's eryngium
<i>Erysimum ammophilum</i> (ISL)	coast wallflower
<i>Erythranthe androsacea</i>	Tehachapi monkeyflower
<i>Erythranthe breweri</i>	Brewer's monkeyflower
<i>Eschscholzia ramosa</i> (ISL)	island poppy
<i>Euphorbia misera</i> (ISL)	cliff spurge
<i>Eurybia radulina</i>	rough-leaved aster
<i>Festuca elmeri</i>	Elmer's fescue
<i>Forestiera pubescens</i>	desert olive
<i>Fragaria chiloensis</i>	beach strawberry
<i>Fraxinus velutina</i> (based on natural populations)	velvet ash
<i>Fritillaria agrestis</i>	stinkbells
<i>Fritillaria ojaiensis</i>	Ojai fritillary
<i>Fritillaria pinetorum</i>	pine fritillary
<i>Galium californicum</i> subsp. <i>maritimum</i>	maritime bedstraw
<i>Gaultheria shallon</i>	salal
<i>Gayophytum heterozygum</i>	zigzag groundsmoke
<i>Gayophytum humile</i>	dwarf groundsmoke
<i>Gilia brecciarum</i> subsp. <i>brecciarum</i>	Nevada gilia

<b>Scientific Name</b>	<b>Common Name</b>
<i>Gilia latiflora</i> subsp. <i>cuyamensis</i>	Cuyama gilia
<i>Gilia leptantha</i> subsp. <i>pinetorum</i>	pine gilia
<i>Gilia minor</i>	little gilia
<i>Gilia modocensis</i>	Modoc gilia
<i>Gilia ochroleuca</i> subsp. <i>minima</i>	small-flowered volcanic gilia
<i>Gilia tenuiflora</i> subsp. <i>hoffmannii</i> (Endemic; ISL; FE)	Hoffmann's slender-flowered gilia
<i>Gilia transmontana</i>	transmontane gilia
<i>Helianthus bolanderi</i>	Bolander's sunflower
<i>Hesperervax acaulis</i> var. <i>ambusticola</i>	dwarf starfish
<i>Hesperervax sparsiflora</i> var. <i>sparsiflora</i>	few-flowered evax
<i>Hesperocyparis sargentii</i> (based on natural populations)	Sargent's cypress
<i>Heuchera caespitosa</i>	tufted alumroot
<i>Heuchera pilosissima</i>	seaside alumroot
<i>Horkelia yadonii</i>	Santa Lucia horkelia
<i>Hypericum anagalloides</i>	tinker's penny
<i>Hypericum scouleri</i>	Scouler's St John's-wort
<i>Iris douglasiana</i>	Douglas' iris
<i>Isoetes howellii</i>	Howell's quillwort
<i>Juglans californica</i> (based on natural populations)	Southern California black walnut
<i>Juncus acutus</i> subsp. <i>leopoldii</i>	southwestern spiny-rush
<i>Juncus bryoides</i>	moss-rush
<i>Juncus ensifolius</i>	sword-leaf rush
<i>Juncus falcatus</i> subsp. <i>falcatus</i>	sickle-leaf rush
<i>Juncus luciensis</i>	Santa Lucia rush
<i>Juncus macrandrus</i>	long-anther rush
<i>Juncus rugulosus</i>	wrinkled rush
<i>Juncus uncialis</i>	inch-high rush
<i>Kopsiopsis strobilacea</i> (ISL)	ground cone
<i>Lasthenia conjugens</i> (FE)	Contra Costa goldfields
<i>Lasthenia glabrata</i> subsp. <i>coulteri</i>	Coulter's goldfields
<i>Lasthenia minor</i>	coastal goldfields
<i>Layia carnososa</i> (CE; FE)	beach layia
<i>Layia heterotricha</i>	pale-yellow layia
<i>Leptosyne douglasii</i>	Douglas' coreopsis
<i>Leptosiphon grandiflorus</i>	large-flowered leptosiphon
<i>Lessingia tenuis</i>	spring Lessingia
<i>Lewisia rediviva</i> var. <i>minor</i>	small bitterroot
<i>Lilium pardalinum</i> subsp. <i>pardalinum</i>	leopard lily
<i>Limonium californicum</i>	California marsh rosemary
<i>Linanthus bigelovii</i> subsp. <i>johnsonii</i>	Bigelow's linanthus
<i>Linanthus dianthiflorus</i>	fringed Linanthus
<i>Loeseliastrum schottii</i>	Schott's loeseliastrum
<i>Logfia depressa</i>	dwarf Filago
<i>Lomatium mohavense</i>	Mojave lomatium
<i>Lupinus elatus</i>	silky lupine

<b>Scientific Name</b>	<b>Common Name</b>
<i>Lupinus lepidus</i> var. <i>confertus</i>	dwarf lupine
<i>Lupinus luteolus</i>	butter lupine
<i>Lupinus pachylobus</i>	big pod lupine
<i>Lycium californicum</i> (ISL)	California box-thorn
<i>Lysimachia maritima</i>	sea milkwort
<i>Lysimachia minima</i>	false pimpernel
<i>Maianthemum racemosum</i>	feathery false lily-of-the-valley
<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i> (Endemic; ISL; FE)	Santa Cruz Island bush-mallow
<i>Malacothamnus jonesii</i>	Jones' bush-mallow
<i>Malacothrix coulteri</i>	snake's head
<i>Malacothrix indecora</i> (Endemic; ISL; CE; FE)	Santa Cruz Island malacothrix
<i>Malacothrix saxatilis</i> var. <i>arachnoidea</i>	Carmel Valley malacothrix
<i>Malacothrix similis</i> (ISL; extirpated?)	twin desert dandelion
<i>Malacothrix squalida</i> (ISL; FE)	island malacothrix
<i>Malva assurgentiflora</i> subsp. <i>assurgentiflora</i> (ISL; based on natural populations)	island mallow
<i>Marsilea vestita</i> subsp. <i>vestita</i>	clover fern
<i>Melica torreyana</i>	Torrey's melic
<i>Micropus amphibolus</i>	Mt. Diablo cottonweed
<i>Monardella macrantha</i> subsp. <i>macrantha</i>	large-flowered monardella
<i>Monardella undulata</i> subsp. <i>arguelloensis</i> (Endemic)	Point Arguello monardella
<i>Monolopia congdonii</i> (FE)	San Joaquin woolly-threads
<i>Monolopia major</i>	cupped Monolopia
<i>Montia fontana</i> (ISL)	water chickweed
<i>Muhlenbergia utilis</i>	aparejo grass
<i>Myosurus minimus</i>	little mousetail
<i>Myriopteris cooperae</i>	Cooper's lace-fern
<i>Nasturtium gambelii</i> (CT; FE)	Gambel's water-cress
<i>Navarretia intertexta</i>	needle-leaved navarretia
<i>Navarretia mellita</i>	honey-scented navarretia
<i>Nemacladus californicus</i>	parishella
<i>Nemacladus capillaris</i>	common nemacladus
<i>Nemacladus ramossissimus</i>	Nuttall's Nemacladus
<i>Parnassia palustris</i>	grass-of-Parnassus
<i>Pedicularis semibarbata</i>	pine lousewort
<i>Penstemon rostriflorus</i>	scarlet penstemon
<i>Penstemon speciosus</i>	showy penstemon
<i>Pentachaeta fragilis</i>	fragile pentachaeta
<i>Phacelia davidsonii</i>	Davidson's phacelia
<i>Phacelia grisea</i>	Santa Lucia phacelia
<i>Phacelia insularis</i> var. <i>insularis</i> (Endemic; ISL; FE)	northern Channel Islands phacelia
<i>Phalaris angusta</i>	Timothy canarygrass
<i>Phalaris californica</i>	California canarygrass
<i>Phalaris lemmonii</i>	Lemmon's canarygrass

<b>Scientific Name</b>	<b>Common Name</b>
<i>Phyla lanceolata</i> (based on natural populations)	lance-leaved frogfruit
<i>Pilularia americana</i>	American pillwort
<i>Pinus jeffreyi</i>	Jeffrey pine
<i>Pinus lambertiana</i>	sugar pine
<i>Pinus monophylla</i>	singleleaf pinyon pine
<i>Pinus torreyana</i> subsp. <i>insularis</i> (Endemic; ISL)	Santa Rosa Island Torrey pine
<i>Piperia elegans</i> subsp. <i>elegans</i>	elegant rein orchid
<i>Piperia michaelii</i>	Michael's rein orchid
<i>Plagiobothrys acanthocarpus</i>	adobe popcorn flower
<i>Plagiobothrys collinus</i> var. <i>californicus</i>	California popcorn flower
<i>Plagiobothrys trachycarpus</i>	rough-fruited popcorn flower
<i>Plantago maritima</i>	goose tongue
<i>Plantago ovata</i> var. <i>fastigiata</i>	desert plantain
<i>Plantago ovata</i> var. <i>insularis</i>	desert plantain
<i>Pogogyne douglasii</i>	Douglas' pogogyne
<i>Polemonium micranthum</i>	annual Jacob's ladder
<i>Polygala cornuta</i> var. <i>fishiae</i>	Fish's milkwort
<i>Potamogeton foliosus</i> var. <i>foliosus</i>	leafy pondweed
<i>Potamogeton pusillus</i>	small pondweed
<i>Potentilla rivalis</i>	brook cinquefoil
<i>Prunus fasciculata</i> var. <i>punctata</i>	sand almond
<i>Pseudotsuga menziesii</i> var. <i>menziesii</i>	Douglas fir
<i>Psilocarphus chilensis</i>	round woolly-heads
<i>Psilocarphus brevissimus</i> var. <i>brevissimus</i>	dwarf woolly-heads
<i>Pyrola picta</i>	white-veined wintergreen
<i>Quercus dumosa</i>	Nuttall's scrub oak
<i>Quercus durata</i> var. <i>durata</i>	leather oak
<i>Quercus</i> × <i>kinseliae</i> (Endemic)	Kinsel oak
<i>Quercus palmeri</i>	Palmer's scrub oak
<i>Quercus parvula</i> var. <i>parvula</i>	Santa Cruz Island oak
<i>Quercus parvula</i> var. <i>shrevei</i>	Shreve's oak
<i>Ribes menziesii</i> var. <i>menziesii</i>	canyon gooseberry
<i>Rosa gymnocarpa</i> var. <i>gymnocarpa</i>	wood rose
<i>Rubus parviflorus</i>	thimbleberry
<i>Salix gooddingii</i>	Goodding's black willow
<i>Salix sitchensis</i>	Sitka willow
<i>Sanicula arctopoides</i>	footsteps of spring
<i>Sarcodes sanguinea</i>	snow plant
<i>Scribneria bolanderi</i>	Scribner's grass
<i>Sedum spathulifolium</i>	broadleaf stonecrop
<i>Senecio aphanactis</i>	rayless ragwort
<i>Senecio aronicoides</i>	California ragwort
<i>Senecio astephanus</i>	San Luis Obispo ragwort
<i>Sesuvium verrucosum</i>	verrucose sea-purslane
<i>Shepherdia argentea</i>	silvery buffalo-berry

<b>Scientific Name</b>	<b>Common Name</b>
<i>Sibara filifolia</i> (ISL; FE; extirpated?)	Santa Cruz Island rock cress
<i>Sidalcea hickmanii</i> subsp. <i>parishii</i> (CR)	Parish's checker-bloom
<i>Stachys ajugoides</i>	bugle hedge nettle
<i>Stachys chamissonis</i> var. <i>chamissonis</i>	coast hedge nettle
<i>Stillingia linearifolia</i> (ISL)	linear-leaved stillingia
<i>Streptanthus campestris</i>	southern jewel-flower
<i>Suaeda esteroa</i>	estuary seablite
<i>Swertia neglecta</i>	pine swertia
<i>Symphoricarpos rotundifolius</i> var. <i>parishii</i>	Parish's snowberry
<i>Tauschia parishii</i>	Parish's umbrella wort
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Sonoran maiden fern
<i>Thermopsis californica</i> var. <i>argentata</i>	silvery false lupine
<i>Thermopsis macrophylla</i> (Endemic; CR)	Santa Ynez false lupine
<i>Thysanocarpus conchuliferus</i> (ISL; FE)	Santa Cruz Island fringe pod
<i>Toxicoscordion venenosum</i> var. <i>venenosum</i>	meadow death-camas
<i>Trifolium cyathiferum</i>	cup clover
<i>Trifolium obtusiflorum</i>	clammy clover
<i>Trifolium oliganthum</i>	few flower clover
<i>Trifolium palmeri</i> (ISL)	southern island clover
<i>Triglochin concinna</i> var. <i>concinna</i>	Utah arrow-grass
<i>Triglochin maritima</i>	seaside arrow-grass
<i>Triglochin scilloides</i>	flowering quillwort
<i>Triglochin striata</i>	three-rib arrow-grass
<i>Triphysaria eriantha</i> subsp. <i>eriantha</i>	yellow owl's-clover
<i>Triphysaria pusilla</i>	dwarf owl's-clover
<i>Trisetum canescens</i>	tall trisetum
<i>Triteleia laxa</i>	Ithuriel's spear
<i>Turritis glabra</i>	tower mustard
<i>Verbena scabra</i>	sandpaper vervain
<i>Vicia gigantea</i>	giant vetch
<i>Wolffia columbiana</i>	coastal water-meal
<i>Wolffiella lingulata</i>	mud midget

**Excluded species** include those previously thought rare, those for which no documentation exists at any known herbarium, or those based on a misidentification. Some of these (but not all) are listed here, because they have been previously reported as putatively rare plants.

*Baccharis plummerae* var. *plummerae*; Plummer's baccharis

Known from > 10 occurrences in Santa Barbara County.

*Calycadenia villosa*; dwarf Calycadenia

Report based on a labeling error of a single specimen at UC Berkeley.

*Chorizanthe rectispina*; straight-awned spine-flower

Report based on misidentifications of *C. uniaristata*, accd to J. L. Reveal.

*Cordylanthus rigidus* subsp. *littoralis* (CE); seaside birds-beak

Known from > 10 occurrences in Santa Barbara County.

*Deinandra increscens* subsp. *villosa* (CE, FE); Gaviota tarplant

Known from > 10 occurrences in Santa Barbara County.

*Diplacus aurantiacus* subsp. *lompocensis* (*Diplacus lompocensis*); Lompoc monkey flower

Sometimes treated as a hybrid between *Diplacus aurantiacus* and *Diplacus longiflorus* but representing a widespread intermediate form in the absence of parents on Burton Mesa, in the Purisima Hills, and Santa Ynez Mtns west of Gaviota Pass.

*Galium buxifolium* (CR, FE); box bedstraw

Known from > 10 occurrences on the Channel Islands of Santa Barbara County.

*Helianthemum greeneri*; island rush-rose (ISL; FT)

Known from > 20 occurrences on Santa Cruz and Santa Rosa islands.

*Heuchera maxima*; island alumroot

Known from > 10 occurrences on the Channel Islands of Santa Barbara County.

*Hordeum pusillum*; little barley

Report based on misinterpretation and misidentification of *H. intercedens*; *H. pusillum* is not known in California from natural populations, accd to von Bothmer.

*Lyonothamnus floribundus* subsp. *floribundus*; island ironwood

Known from > 10 occurrences on Santa Rosa and Santa Cruz islands.

*Navarretia subuligera*; awl-leaved navarretia

Report based on misidentifications of *N. intertexta*, accd to D. Gowen, L. Johnson

*Phacelia cryptantha*; limestone cryptantha

Report based on misidentifications of *P. cicutaria*.

*Phlox austromontana*; western mountain phlox

Report based on misidentifications of *P. diffusa*; reported from San Rafael Mtns in literature but not documented; nearest known locality is in San Bernardino County.

*Physocarpus capitatus*; western nine bark

Reported from Santa Barbara County in literature, but not documented; nearest known localities are in the southern Santa Lucia Mtns of San Luis Obispo County.

*Quercus engelmannii*; Engelmann oak

Reported from two localities, both of which are questionable, either because of potential mis-identification (Nye 88 in 2005) or mis-labeling of a historic specimen (Brandeggee in 1888)

*Ribes sericeum*; Santa Lucia gooseberry

Report based on misidentifications of *R. amarum*; nearest known locality is in southern Santa Lucia Mountains, San Luis Obispo County.

*Sidothea caryophylloides*; chickweed oxytheca

Reported from Santa Barbara County in literature, but not documented; nearest known locality is Pine Mountain in Ventura County.

*Symphyotrichum defoliatum*, *Symphyotrichum lanceolatum* var. *hesperium* and *Symphyotrichum subspicatum*; Reports of these taxa from Santa Barbara County in the CCH are anomalous regarding their geographic distribution in California. Several have been confused with *Symphyotrichum chilense* elsewhere. Consequently they are tentatively excluded until records can be verified.

*Trillium chloropetalum*; common wake robin

Report based on misidentifications of *T. angustipetalum*, which is known from 6–7 occurrences in southwestern Santa Barbara County.

*Viola pinetorum*; goose-foot violet

Reported from San Rafael Mtns in literature but not documented; nearest known locality is Cerro Noroeste (Mt Abel) in Kern County.