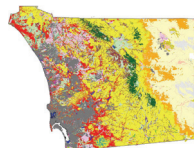


# CHECKLIST OF THE VASCULAR PLANTS OF SAN DIEGO COUNTY



5th Edition



*Pinus torreyana* subsp. *torreyana*



*Downingia concolor* var. *brevior*



*Thermopsis californica* var. *semota*



*Pogogyne abramsii*



*Hulsea californica*



*Cylindropuntia fosbergii*



*Dudleya brevifolia*



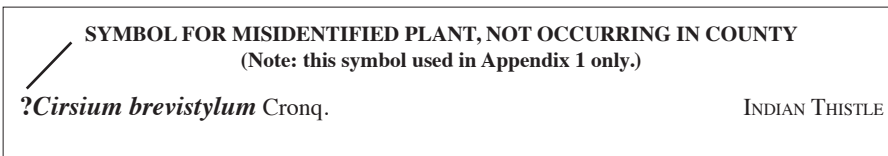
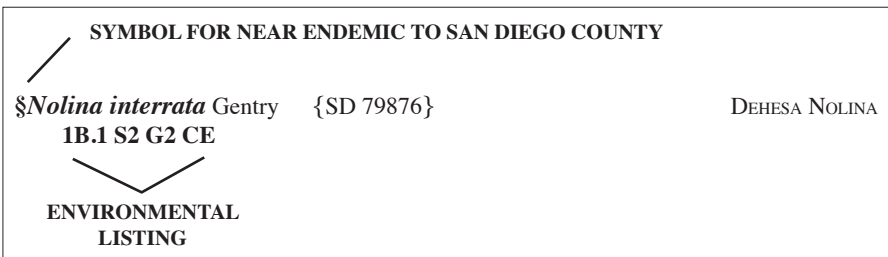
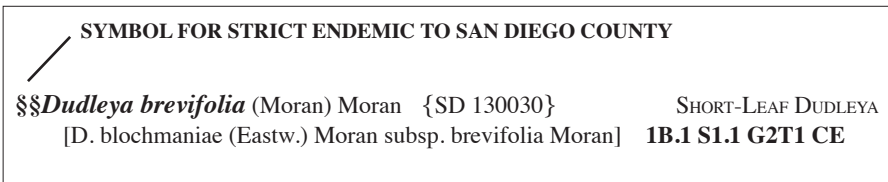
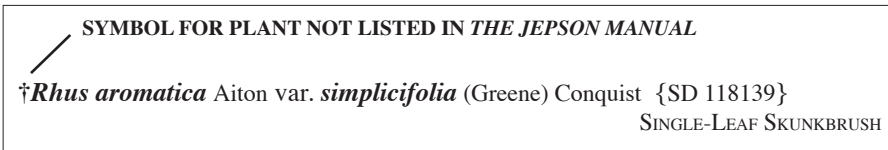
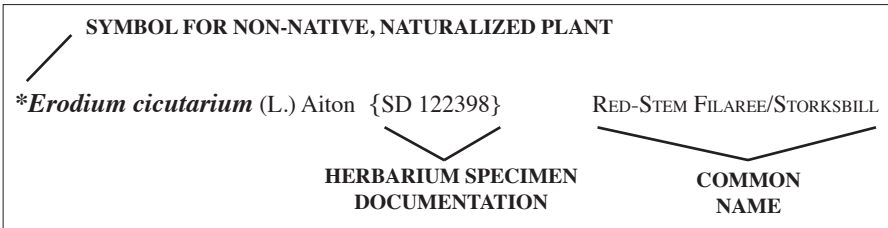
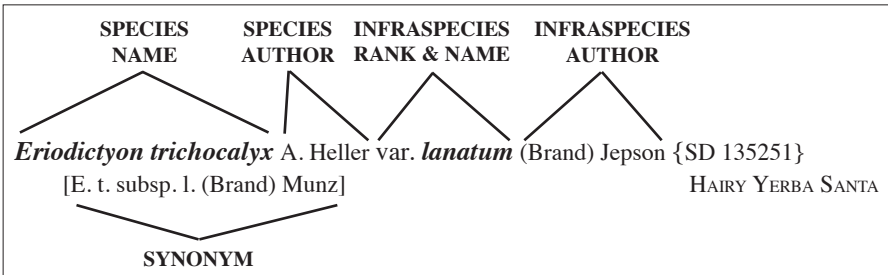
*Chorizanthe orcuttiana*



*Astragalus deanei*

by **Jon P. Rebman and Michael G. Simpson**  
**San Diego Natural History Museum**  
**and San Diego State University**

## Examples of Checklist taxa:



**CHECKLIST OF THE  
VASCULAR PLANTS OF  
SAN DIEGO COUNTY**

**5th Edition**

**by Jon P. Rebman and Michael G. Simpson**

**San Diego Natural History Museum  
and San Diego State University**

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**For correspondence, write to:**

Dr. Jon P. Rebman, San Diego Natural History Museum, P.O. Box 121390,  
San Diego, CA 92112-1390 Email: [jrebman@sdnhm.org](mailto:jrebman@sdnhm.org)

or to:

Dr. Michael G. Simpson, Department of Biology, San Diego State University,  
San Diego, CA 92182-4614 Email: [msimpson@mail.sdsu.edu](mailto:msimpson@mail.sdsu.edu)

Cover photographs are plants endemic to San Diego County, California,  
all taken by the authors.

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## Preface

### GOALS AND FORMAT

This is the fifth edition of the *Checklist of the Vascular Plants of San Diego County* (here referred to as simply the *Checklist*), which catalogs all native and naturalized vascular plants known to occur in San Diego County, California, U.S.A., “naturalized” referring to non-native/exotic plants that grow, persist, and reproduce in natural, non-cultivated habitats. This edition supersedes the four previous editions of the *Checklist* (Simpson et al. 1995, 1996; Simpson and Rebman 2001, Rebman and Simpson 2006). The need for this revision of the *Checklist* arose with the publication of *The Jepson Manual: Vascular Plants of California, Ed. 2* (Baldwin et al. 2012, referred to hereafter as *Jepson II*, which replaced the earlier Hickman 1993 edition, *Jepson I*), resulting in numerous nomenclatural changes to the plants of California. In addition, a great number of taxa new to San Diego County have been discovered since our 2006 (fourth) edition, and some misidentifications have been corrected.

Nomenclature for this *Checklist* is based on *Jepson II* for most native and naturalized plants, *Hortus Third* (Bailey & Bailey 1976) for some naturalized plants, or original research journal articles where pertinent (discussed below or cited in the *Checklist*). We have also utilized the *Consortium of California Herbaria* (CCH 2014), the *Jepson eFlora* (Jepson Flora Project 2014) and published volumes of the *Flora of North America* (Flora of North America Editorial Committee, eds. 1993+), the latter listed electronically at <<http://www.efloras.org>> and referred to here as *FNA eFlora*.

As with the fourth edition, this fifth edition of the *Checklist* provides documentation of all taxa by the listing of an accession number from a representative herbarium specimen, known as the herbarium voucher. Almost all specimen citations are from the San Diego Natural History Museum (**SD**), which can be viewed as digital scans at the synoptic collection images link of the San Diego County Plant Atlas web site <<http://www.sdplantatlas.org>>. A few specimens are cited from the herbaria at University of California Davis (**AHUC**), California Academy of Sciences (**CAS, DS**), California Department of Food and Agriculture (**CDA**), Desert Botanical Garden (**DES**), Harvard University (**GH**), Humboldt State University (**HSC**), California Polytechnic State University San Luis Obispo (**OBI**), Rancho Santa Ana Botanic Garden (**RSA, POM**), San Diego State University (**SDSU**), San Jose State University (**SJSU**), University of California Berkeley (**UC, JEPS**), and University of California Riverside (**UCR**), and the Smithsonian Institution (**US**), and Utah State University (**UTC**). Most specimen records were accessed from the *Consortium of California Herbaria* (CCH 2014). Appendix 1 lists taxa that have been reported to occur in San Diego County but which are excluded from our *Checklist*, either because these reports lack documentation or because we believe the identity or locality was incorrect.

We feel that in preparing any floristic checklist, it is of the utmost importance that every taxon listed be documented with an herbarium specimen deposited and accessioned in an accredited herbarium. Without proper specimen documentation, the presence or correct identity of these taxa may be in doubt. Checklists of taxa without documentation are unverifiable and thus are out of the realm of science. We hope and encourage that future work on regional checklists and local floristic surveys, including those by governmental agencies and private consulting firms, will endeavor to provide complete specimen documentation.

### DIVERSITY

Our current count of native and naturalized vascular plants *documented to*

occur in San Diego County is **2,447** species (including common hybrids), and **2,672** total taxa (including subspecies and varieties). These totals are up from our **2,143** species and **2,314** total taxa of the fourth edition, mostly due to new discoveries in the interim. These species and taxa occur in a total of **879 genera** in **163 families**.

Of these **2,447** species, **1,689 (69.0%)** are native to the County and **758 (31.0%**, up from 26.6% in our fourth edition) are non-native and naturalized in the County (the latter designated with a “\*” symbol). Of the **2,672** total taxa, **1,901 (71.1%)** are native and **771 (28.9%**, up from 25.0% in our fourth edition) are non-native and naturalized. In summary, the documented County’s flora has increased by **304 species** (14.2%, 116 species native, 188 species non-native) and **358 total taxa** (15.4%, 166 taxa native, 192 taxa non-native) since our 4th edition was published.

These values illustrate the great number of native plants that have been discovered in the County in the last eight years. But, they also point out the great number of exotic plants that have become established in native habitats of the County (an increase in documentation of 7.4% of our total species and 6.9% of our total taxa since the publication of our 4th edition), with more being detected every year. This increase may be due in part to our accelerated effort to document plants of the County (see Plant Atlas Project, below). The increase may also represent recent introductions, often from cultivation but many “accidental” (Lehan et al. 2013).

San Diego County is often cited as having more species (or taxa) of vascular plants than any other county in the United States. We have to date not verified this from counts of county floras (few are available), but we know of no other county in the U.S., including the counties of the Hawaiian islands, having more species or total taxa. Perhaps a more meaningful comparison between regions is the richness of native (versus non-native) plants. Thus, the **1,689 native** vascular plant species or **1,901 native** total taxa for San Diego County could be used in regional comparisons of natural biodiversity. This does not detract from the importance of tabulating non-native, naturalized plants, most of which have become a permanent part of our flora.

## NATIVE TO CALIFORNIA, NOT TO SAN DIEGO COUNTY

Of the taxa we list as non-native to San Diego County, 15 are native to the state of California, but are thought by us to have been established from other parts of the state to native habitats in San Diego County and are listed as non-native to the County. These taxa are:

<i>Baileya multiradiata</i> Torr.	Asteraceae
<i>Eriophyllum staechadifolium</i> Lag.	Asteraceae
<i>Eriogonum giganteum</i> S. Watson var. <i>formosum</i> K. Brandegee	Polygonaceae
<i>Eriogonum giganteum</i> S. Watson var. <i>giganteum</i>	Polygonaceae
<i>Galium tricornutum</i> Dandy	Rubiaceae
<i>Gilia tricolor</i> Benth.	Polemoniaceae
<i>Hesperexax caulescens</i> (Benth.) A. Gray	Asteraceae
<i>Leptosyne gigantea</i> Kellogg	Asteraceae
<i>Lipocarpha micrantha</i> (Vahl) G.C. Tucker	Cyperaceae
<i>Malva assurgentiflora</i> (Kellogg) M.F. Ray	Malvaceae
<i>Mentzelia lindleyi</i> Torr. & A. Gray	Loasaceae
<i>Oenothera suffrutescens</i> (Ser.) W.L. Wagner & Hoch	Onagraceae
<i>Prunus ilicifolia</i> (Hook. & Arn.) D. Dietr. subsp. <i>lyonii</i> (Eastw.) P.H. Raven	Rosaceae
<i>Ribes aureum</i> Pursh var. <i>aureum</i>	Grossulariaceae
<i>Ribes aureum</i> Pursh var. <i>gracillimum</i> (Coville & Britton) Jeps.	Grossulariaceae



## ENDEMICIS

Of the plants native to San Diego County, 54 taxa (2.5% of our native taxa) are **strict endemics** or **near-endemics** to the County (listed in Appendix 2). We define a strict endemic (designated with the “§§” symbol) as a taxon native nowhere else but San Diego County. A total of 26 taxa (17 species and 9 infraspecies) are strict endemics to our County. A near-endemic (designated with the “§” symbol) is defined as a taxon with a native occurrence almost entirely restricted to San Diego County, but with one to very few populations known just outside the County’s boundary. By our count, there are 28 near-endemics (18 species and 10 infraspecies) in San Diego County. This degree of endemism highlights the uniqueness of our County’s flora.

As might be expected, strict and near-endemic taxa are overwhelmingly listed as rare, threatened, or endangered in the California Rare Plant Ranks (CRPR), California Natural Diversity Database (CNDDDB), or State and Federal Listings (CNPS Inventory 2014; see below). For example, 48 of the 54 endemic taxa have a CRPR listing. Three strict endemics (*Chorizanthe orcuttiana*, *Monardella viminea*, and *Pogogyne abramsii*) and two near-endemics (*Arctostaphylos glandulosa* subsp. *crassifolia* and *Pogogyne nudiuscula*) are federally endangered (Appendix 2).

## HYBRIDS

A total of 32 of our County taxa are relatively common hybrids (listed in Appendix 3). We choose to recognize hybrids in our *Checklist* because they are part of the diversity of life in our area and many of these are (infrequently) encountered in our natural areas. According to the *International Code of Nomenclature for Algae, Fungi, and Plants* (McNeill et al. 2012), hybrid taxa may be given a formal name different from either parent, with the “x” sign preceding the epithet; e.g., *Salvia xpalmeri* (A. Gray) Greene is the formal name for a hybrid between *S. apiana* and *S. clevelandii*. Other hybrid names are simply represented by the presumed cross between two parents, e.g., *Quercus agrifolia* x *Q. wislizenii*. Hybrid plants may or may not be reproductively sterile. They may represent recurring crosses between species or infraspecies; in this case, they arise periodically in different places and different times, generally when the parent populations are sympatric or along the interface between parent populations. Or, hybrids may have become persistent and stabilized, but have not become widespread to the point of “swamping out” the parental populations. Persistent hybrid populations could in some cases represent an incipient speciation event.

The recognition of hybrids is generally based on morphological intermediacy between well-established species or infraspecies. In some cases, hybrid crosses between putative parents have been done experimentally and these progeny compared with those that occur in the wild in order to verify the parental heritage. In other cases, genetic evidence is available that supports a hybrid origin and that identifies the parents. However, in the absence of such evidence, the recognition of hybrids is controversial and debatable.

Note that one species earlier thought to be of hybrid origin, *Cylindropuntia xfosbergii*, was changed to a taxon of non-hybrid origin, *Cylindropuntia fosbergii*, the rationale based on a recent molecular study; see Mayer et al. 2011. Hybrids between various taxa of *Brodiaea* (Themidaceae) have been observed in our County but are not currently documented (Wayne Armstrong, personal communication).

## WAIFS AND WEEDS

Some of the taxa listed in our *Checklist* may represent “waifs,” non-native

plants that have escaped from cultivation or been accidentally transported from other areas, but which have not become well established (possibly due to their inability to reproduce in our local habitats) and which may become, or already have become, extirpated in native regions. An example of a waif is *Crotalaria juncea* known from a single, 2012 collection (*K. Harper 1774*, SD 225699).

A precaution, however, is that some waifs could represent the incipient stage of establishment of plants that could spread in the future and become serious “weeds,” undesirable by competing with our native plants. For example, we have recent, single collections of *Osteospermum monstrosum*, Asteraceae (*N. Nenow 2349*, 15 Mar 2012, SD 234202) and *Pentameris airoides* subsp. *airoides*, Poaceae (*J. Rebman 26155*, 1 May 2013, SD 234203). Both of these taxa are extensively established weeds in Australia and could become so in our area without diligent efforts to eradicate them.

### **HISTORICAL COLLECTIONS NOT DOCUMENTED IN LAST 50 YEARS**

Some taxa in our *Checklist*, native or non-native, are known only from one or a very few “historical” collections, made many decades ago. Appendix 4 lists 69 of these “historical” taxa that have not been collected in San Diego County in the last 50 years, i.e., having no known vouchers after 1 January 1964. The last year of collection of these historical vouchers ranges from 1875 to 1963 (mean 1923); in fact, of these 69 taxa, the majority (55%) were last collected before 1930. The total number of collections from San Diego County of these 69 taxa ranges from 1 to 16, with a mean of 2.5; the majority of the 69 taxa (52%) are vouchered for San Diego County with only a single collection. Of these 69 historical taxa, 51 have vouchers only from herbaria other than SD or SDSU.

Given that specimens of these “historical” taxa have not been re-collected in the County in a very long time (particularly given the efforts of the San Diego County Plant Atlas Project; see below), they are either very rare or have possibly become extirpated in the County. It is also possible that some were originally misidentified, incorrectly labeled, or mistakenly interpreted with regard to locality, some of these transferred to Appendix 1. We will continue to investigate or attempt to rediscover these plant taxa. However, in the absence of contradictory data, we still consider them part of our biodiversity.

### **RECENT COLLECTIONS LACKING SD OR SDSU VOUCHERS**

We list in Appendix 5 a total of 38 taxa collected more recently (within the last 50 years), but for which we have no vouchers at either SD or SDSU. These taxa may also be relatively rare in our County or could possibly represent mis-labeled or mis-identified specimens. We aim to check all of these in the coming years.

### **TAXA WITH CNPS INVENTORY LISTINGS**

We list in Appendix 6 all taxa in San Diego County with listings recorded in the *California Native Plant Society's Inventory of Rare and Endangered Plants* (CNPS 2014). (See ENVIRONMENTAL LISTING, below, for an explanation of categories.) We also list, at the end, an additional five taxa for which CNPS inventory listing is pending or is established for infrataxa not recognized in our *Checklist* or *Jepson II*. A total of 266 taxa that occur in San Diego County (10.0% of our total taxa; 14.0% of our total native taxa) are listed in the *CNPS Inventory*. Of these, 12 taxa are Federal Endangered (5 additional taxa are Federal Threatened, and 1 additional is a Federal Species of Concern) and 22 taxa are California Endangered (1 additional taxon is California Threatened and 7 additional are California Rare). A total of 53 taxa in our flora have a CNPS Rare Plant/Threat Rank of 1B.1.

## SAN DIEGO COUNTY PLANT ATLAS PROJECT

One of us (Dr. Jon Rebman) has been intimately involved in a concerted effort to better document plant taxa throughout the County using “parabotanists,” largely volunteer botanists and amateurs who are trained to collect and document plants. This effort has led, in 10 years, to the addition of over 62,000 new specimens to the herbarium at the San Diego Natural History Museum (**SD**). Since the inception of the Plant Atlas project, we have documented (at the time of publication of this *Checklist*) an estimated **483** new records (total taxa, including infraspecies) in the County, **198** native and **285** non-native plants. We continue to explore regions of the County that historically have been under-collected.

The excellent documentation of new collections from the Plant Atlas project has enabled us to map and analyze the vascular plant diversity of the County in ways that were previously impossible. Digital scans of the voucher specimens of the San Diego County synoptic collection at **SD** are now complete, and we now have the capability of generating checklists, maps, and new additions of taxa within areas of interest. The San Diego County Plant Atlas project will continue to document the flora of our region, and we encourage others to become involved. Please see <http://www.sdplantatlas.org> for more information and online resources.

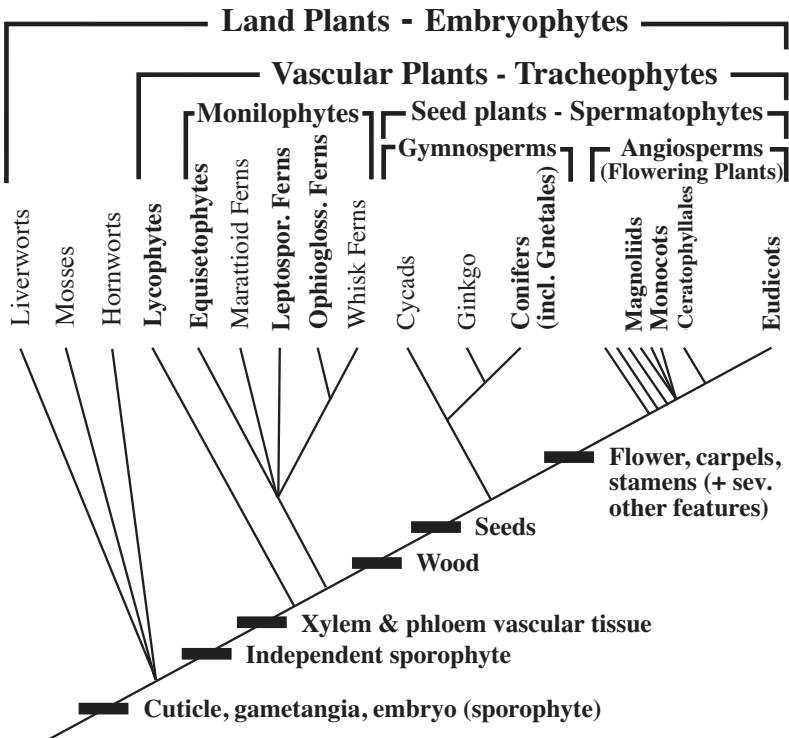
## CLASSIFICATION

The **Land Plants** (also known as Embryophytes or Embryophyta) are a group of organisms that have adaptations for surviving on land and that most people equate with the term “plant.” Land Plants are made up of three, relatively small groups – the Liverworts, Hornworts, and Mosses – that lack specialized conductive tissue, plus a very large group that has conductive tissue (xylem and phloem), the **Vascular Plants** or Tracheophytes (see Figure 1). The basal, “non-vascular” Liverworts, Hornworts, and Mosses (often collectively termed “bryophytes”) are not treated in this *Checklist* because collections of these taxa remain scanty and identification of these groups requires special expertise. However, we do wish to point out the great need to document these missing elements of our flora and to ultimately expand this *Checklist* to include all Land Plants.

This *Checklist* of the native and naturalized Vascular Plants occurring in San Diego County arranges species alphabetically by plant family within major vascular plant groups. The major vascular plant groups that we recognize (see Simpson 2010) are: **Lycophytes** (=Lycopods), **Equisetophytes** (Equisetales, =Sphenopsids), **Ophioglossoid Ferns** (Ophioglossales), **Leptosporangiate Ferns** (Polypodiales), **Conifers** (including the **Gnetales**), and **Angiosperms** (Flowering Plants). These groups are now in line with those recognized in *Jepson II*. Figure 1 shows a simplified cladogram of these major vascular plant groups.

The **Seed Plants** (Spermatophytes) are a major component of the Land Plants, among which only members of the **Conifers**, **Gnetales**, and **Angiosperms** (Flowering Plants) are native or naturalized in San Diego County (Figure 1). Although many recent studies support the Gnetales (including species of *Ephedra* in our flora) to be nested within the Conifers, we list them as a separate group in the *Checklist*.

Within the Angiosperms, we and *Jepson II* mostly adhere to the Angiosperm Phylogeny Group III (2009) system of classification in denoting major groups and most families (see below). This system, commonly abbreviated *APG III*, superceded the earlier APG (1998) and APG II (2003) systems. The *APG III* system is based primarily on molecular (mostly DNA sequence) data and the strict recognition of “monophyletic” groupings (those consisting of a common ancestor and *all* descendents). The native or naturalized Flowering Plants in

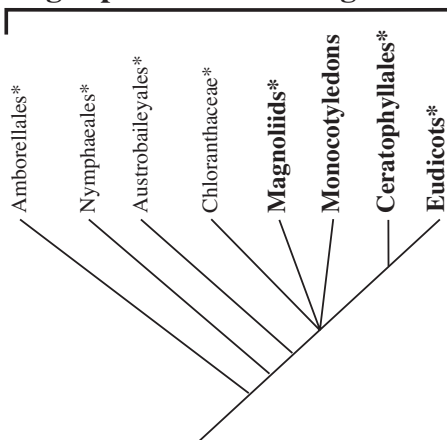


**Figure 1.** Simplified cladogram of the Land Plants (Embryophytes). The basal liverworts, hornworts, and mosses (non-vascular Land Plants) are not listed in the *Checklist*. Note the relationships of the major groups of Vascular Plants (Tracheophytes) treated in this *Checklist*. Groups in bold contain species native or naturalized in San Diego County. (Modified from Simpson 2010.)

San Diego County occur in four major taxonomic groups in the APG III system: **Magnoliids** (including the Calycanthaceae and Lauraceae of the order Laurales, and the Saururaceae of the order Piperales), **Ceratophyllales** (Ceratophyllaceae), **Monocots**, and **Eudicots** (Figure 2). The traditional “Dicots” (dispersed among all the asterisked groups portrayed in Figure 2) are known with confidence to comprise an unnatural grouping, which have been formally abandoned. However, of the San Diego County species that have traditionally been treated as “Dicots”, almost all belong to a well defined, monophyletic group called the **Eudicots**. Thus, the Flowering Plants that occur in San Diego County are either **Eudicots**, **Monocots**, or one of five species in the families Calycanthaceae, Lauraceae, and Saururaceae of the **Magnoliids** and Ceratophyllaceae of the **Ceratophyllales**. These last four families are placed at the beginning of our list of Angiosperms, to denote their basal evolutionary position and their distinction from the Eudicots and Monocots.

Although the classification of flowering plant families of our *Checklist* largely follows *Jepson II* (which, as stated earlier, largely conforms to *APG III*), we cite some differences based on recent phylogenetic studies. Additional changes, such as the splitting of the Boraginaceae into segregate families, might be warranted in the future. An excellent resource for up-to-date information on angiosperm classification and relationships is the Angiosperm Phylogeny Website (Stevens 2001+). The following summarizes changes made in family, generic, or species treatments of the current *Checklist* as compared with our previous (4th) edition.

## Angiosperms - Flowering Plants



**Figure 2.** Simplified cladogram of the Angiosperms, after Angiosperm Phylogeny Group III (2009), showing relationships of the major groups. Groups containing taxa listed in this *Checklist* are in bold. The traditional “Dicots” (including all taxa with an asterisk) are an unnatural (paraphyletic) group and therefore abandoned. (Modified from Simpson 2010.)

### CHANGES IN FAMILY, GENERA, AND SPECIES NAMES

The publication of *Jepson II* in 2012 brought numerous nomenclatural changes, largely derived from molecular phylogenetic analyses and the goal of making all of our taxa monophyletic. These studies have necessitated either the splitting or the lumping of several families and genera. Many of the generic nomenclature changes (for example, *Acmispon* and *Hosackia*, segregated from *Lotus* of the Fabaceae) were actually done some time in the past, and constitute resurrected taxa. The “old-timer” taxonomists were often right!

A few taxonomic changes in our *Checklist* (e.g., the transfers of all *Chamaesyce* taxa to *Euphorbia*) reference recent revisions to the *Jepson eFlora* that were made subsequent to *Jepson II*. Others (e.g., the splitting of *Cryptantha* into five genera) arise from recent research articles not yet incorporated into the *Jepson eFlora*. Still others reflect treatments in *FNA* (1993+). Although we expect even more nomenclatural changes in the future, plant names have begun to stabilize. However, these changes require all of us to re-learn many scientific names, even some of common, well-known taxa. The following is a summary of the major nomenclatural changes in our fifth edition, organized by group and family.

#### LEPTOSPORANGIATE FERNS

**Pteridaceae.** All of our taxa of *Cheilanthes* have been transferred to the genus *Myriopteris*, as based on the phylogenetic studies of Grusz and Windham (2013).

#### CONIFERS

**Cupressaceae.** Our two *Cupressus* species are now treated in the genus *Hesperocyparis*.

#### EUDICOTS

**Acanthaceae.** *Avicennia* has been transferred from the Verbenaceae to this family.

**Aceraceae.** We now treat the genus *Acer* as part of the Sapindaceae.

**Amaranthaceae.** This family is now split from the Chenopodiaceae, as was traditionally done.

**Anacardiaceae.** We are recognizing *Rhus aromatica* var. *simplicifolia* and var. *aromatica*, these not recognized in *Jepson II*.

**Apiaceae.** Two species of *Spermolepis* found in San Diego County have been recently described (Nesom 2012).

**Apocynaceae.** Taxa of the genera *Cynanchum* and *Sarcostemma* have been transferred to the genus *Funastrum*.

**Araliaceae.** The genus *Hydrocotyle* has been transferred from the Apiaceae to the Araliaceae.

**Asteraceae.** *Chrysanthemum carinatum* has been changed to *Ismelia carinata*. *Chrysanthemum coronarium* and *C. segetum* have been transferred to the genus *Glebionis*. All of our *Chrysothamnus* species have been transferred to the genus *Ericameria*. We choose to recognize varieties of *Corethrogyne filaginifolia* despite the fact that they are no longer recognized in *Jepson II*. Species of the genus *Conyza* have been transferred to the genera *Erigeron* or *Laenecia*. Our species of *Coreopsis* (except for *C. tinctoria*) have been transferred to the genus *Leptosyne*. *Dyssodia tenuiloba* is now *Thymophylla t.* Our species of *Filago* have been transferred to the genus *Logfia*. Our *Machaeranthera* taxa have been transferred to the genera *Dieteria* or *Xanthisma*. *Matricaria matricarioides* is now *M. discoidea*. *Picris echioides* is now *Helminthotheca echioides*.

**Boraginaceae.** This family has been expanded significantly and is now inclusive of the former families Boraginaceae s.s., Ehretiaceae, Heliotropaceae, Hydrophyllaceae, and Lennoaceae. However, this lumping is controversial and may be reversed in the future. The genus *Cryptantha* has been split into five genera: *Cryptantha* s.s., *Eremocarya*, *Greeneocharis*, *Johnstonella*, and *Oreocarya* (see Hasenstab-Lehman and Simpson 2012). Based on recent evidence (Simpson et al., 2014), *Eremocarya* is treated as two species (*E. lepida* and *E. micrantha*), formerly treated as varieties of *Cryptantha micrantha*. A possible new variety of *Cryptantha pterocarya* and cryptic forms of *Cryptantha intermedia* await description. A new species of *Pectocarya*, *P. anisocarpa* (not in *Jepson II* or yet in the *Jepson eFlora*) has been described (Guilliams et al. 2013) and is included here. *Turricula parryi* is now *Eriodictyon parryi*.

**Brassicaceae.** *Arabis glabra* has been transferred to the genus *Turritis*. *Guillenia lasiophylla* is now *Caulanthus lasiophyllus*. *Hutchinsia procumbens* is now *Hornungia procumbens*. Our species of *Cardaria* and *Coronopus* have been transferred to the genus *Lepidium*. We choose to recognize *Lepidium virginicum* var. *robinsonii*, a taxon not accepted by *Jepson II*. *Rorippa nasturtium-aquaticum* is now *Nasturtium officinale*. *Sibara virginica* is now *Planodes virginicum*.

**Cannabaceae.** This family in our County now includes both *Cannabis* and *Celtis*, the latter formerly classified in the Celtidaceae or Ulmaceae.

**Caryophyllaceae.** The native *Silene multinervia* has been shown to be clearly distinct from the non-native *S. coniflora* (Rautenberg et al. 2012).

**Chenopodiaceae.** This family is now split from the Amaranthaceae. Within the Chenopodiaceae, *Atriplex californica* is now *Extriplex californica* (Zacharias and Baldwin 2010), a change made in the updated *Jepson eFlora*. *Sarcocornia pacifica* is back to *Salicornia pacifica*.

**Cistaceae.** Our taxa of *Helianthemum* have been transferred to the genus *Crocantemum* (Sorrie 2011), a change made in the updated *Jepson eFlora*.

**Cleomaceae.** Our taxa of the Capparaceae have been transferred to this family. Within the Cleomaceae our *Isomeris* taxa have been transferred to the genus *Peritoma*. *Cleome hassleriana* is now *Tarenaya hassleriana*.

**Euphorbiaceae.** All taxa of *Chamaesyce* are now treated in the genus *Euphorbia*, a change to be recognized in the updated *Jepson eFlora*.

**Fabaceae.** *Acacia farnesiana* is now *Vachellia farnesiana*. *Acacia greggii* is now *Senegalia greggii*. *Caesalpinia virgata* is now *Hoffmannseggia microphylla*. *Cercidium floridum* is now *Parkinsonia florida*. The genus *Lotus* has been split into three genera: *Acmispon*, with gland-like stipules, *Hosackia*, with leaf-like stipules, and non-native species of *Lotus*, with gland-like stipules but often with the lower leaflets stipular in position. Most of these generic transfers resulted in retention of specific and infraspecific epithets, but the few that did not are worth mentioning here (authors of those names indicated to avoid confusion). The former *Lotus hamatus* is now *Acmispon micranthus* (Torr. & A. Gray) Brouillet; *Lotus humistratus* is now *Acmispon brachycarpus*; *Lotus micranthus* Benth. is now *Acmispon parviflorus* [not to be confused with *A. micranthus* (Torr. & A. Gray) Brouillet, above!]; *Lotus nuttallianus* is now *Acmispon prostratus*; *Lotus purshianus* var. *p.* is now *Acmispon americanus* var. *a.*; *Lotus salsuginosus* var. *brevivexillus* and var. *salsuginosus* are now *Acmispon maritimus* var. *brevivexillus* and var. *maritimus*; and *Lotus scoparius* var. *brevialatus* and var. *scoparius* are now *Acmispon glaber* vars. *brevialatus* and *glaber*.

**Gentianaceae.** *Swertia parryi* has been transferred to the resurrected genus *Frasera*, and two of our species of *Centaurium* to the genus *Zeltnera*.

**Gratiolaceae.** *Bacopa monnieri* of our flora has been transferred from the Plantaginaceae to this family (Rahmanzadeh et al. 2005). This change was recognized by neither *APG III* nor *Jepson II*, nor to date by *Jepson eFlora*.

**Krameriaceae.** The well known desert species, *Krameria grayi* is now *Krameria bicolor*.

**Lamiaceae.** *Hyptis emoryi* is now *Condea emoryi* (Pastore et al. 2011), a change recognized in the updated *Jepson eFlora*. *Salazaria mexicana* is now *Scutellaria mexicana*. *Satureja chandleri* is now *Clinopodium chandleri*.

**Linderniaceae.** *Lindernia dubia* of our flora has been transferred from the Plantaginaceae to this family (Rahmanzadeh et al. 2005). This change was recognized by neither *APG III* nor *Jepson II*, nor to date by *Jepson eFlora*.

**Malvaceae.** Species of *Lavatera* have been transferred to the genus *Malva*.

**Montiaceae.** This family, now segregated from the Portulacaceae, includes the genera *Calandrinia*, *Calyptridium*, *Cistanthe*, *Claytonia*, *Lewisia*, and *Montia*. *Calandrinia ambigua* and *Calandrinia maritima* are now recognized as species of *Cistanthe*. *Calandrinia ciliata* is now recognized as *C. menziesii*, the former misapplied to our County plants (this change not yet recognized in *Jepson II* or the *Jepson eFlora*; see Hershkovitz 2006). *Calyptridium arizonicum* is segregated from *C. parryi* vars. (not recognized in *Jepson II* or the *Jepson eFlora*; see Simpson et al. 2010).

**Myrsinaceae.** The genus *Anagallis* has been transferred from the Primulaceae to this closely related family, and *Centunculus minimus* is now *Anagallis minima*.

**Onagraceae.** The genus *Camissonia* has been split into six genera (with retention of specific and infraspecific epithets): *Camissonia*, *Camissoniopsis*, *Chylismia*, *Eremothera*, *Eulobus* (containing only *E. californicus* in our County), and *Tetrapteron*. The former taxon *Epilobium angustifolium* subsp. *circumvagum* is now *Chamerion a.* subsp. *circumvagum*. Finally, all the species of *Gaura* have been transferred to the genus *Oenothera*.

**Orobanchaceae.** *Boschniakia strobilacea* is now *Kopsiopsis strobilacea*. *Cordylanthus maritimus* subsp. *maritimus* is now *Chloropyron maritimum* subsp. *maritimum*. *Cordylanthus orcuttianus* is now *Dicranostegia orcuttiana*.

**Papaveraceae.** *Dicentra chrysantha* is now *Ehrendorferia chrysantha*, and *Stylomecon heterophylla* is now *Papaver heterophyllum*.

**Phrymaceae.** *Mimulus* has been split into several segregate genera, based on molecular phylogenetic studies (Barker et al. 2012), a change not in *Jepson II* and not yet updated in the *Jepson eFlora*. In our County, all *Mimulus* species have been transferred to the genera *Diplacus*, *Erythranthe*, or the monotypic *Mimetanthe*.

**Plantaginaceae.** The genus *Bacopa* has been transferred to the family Gratiolaceae (Rahmanzadeh et al. 2005). *Limosella acaulis* has been transferred to the family Scrophulariaceae. *Linaria canadensis* is now *Nuttallanthus texanus*. *Lindernia* has been transferred to the family Linderniaceae (Rahmanzadeh et al. 2005). (Note that some treatments, e.g., *FNA eFlora*, split our species of the genus *Antirrhinum* into two genera, *Sairocarpus* and *Neogaerrhinum*; we list these as synonyms in the *Checklist* for now.)

**Polygalaceae.** *Polygala cornuta* var. *fishiae* is now *Rhinotropis cornuta* var. *fishiae* (Abbott 2011), a change not in *Jepson II* and not yet updated in the *Jepson eFlora*.

**Polygonaceae.** *Polygonum convolvulus* is now *Fallopia convolvulus*. Several species formerly in the genus *Polygonum* are transferred to *Persicaria*. *Polygonum arenastrum* is now *P. aviculare* subsp. *depressum*. *Polygonum douglasii* subsp. *johnstonii* is now *P. sawatchense* subsp. *sawatchense*. *Rumex salicifolius* var. *denticulatus* is now *R. californicus*.

**Portulacaceae.** This family now contains only species of the genus *Portulaca* in our flora.

**Primulaceae.** *Dodecatheon* taxa have been transferred to the genus *Primula*, a change not in *Jepson II* but recognized in the updated *Jepson eFlora*. Thus, in our County *Dodecatheon clevelandii* subsp. *clevelandii* is now *Primula clevelandii* subsp. *clevelandii*. As mentioned earlier, *Centunculus* taxa are now treated in the genus *Anagallis*, and the latter genus is now transferred to the family Myrsinaceae. The genus *Samolus* is transferred to the family Theophrastaceae.

**Rhamnaceae.** The common *Ceanothus greggii* var. *perplexans* is now *C. perplexans*. *Ceanothus greggii* var. *vestitus* is now *C. pauciflorus* [*C. vestitus* in *Jepson II*]; see Burge and Zhukovsky 2013. A presumed new, undescribed species of *Ceanothus* occurs in the Santa Margarita Mountains, of northwestern San Diego Co. What was called *Ceanothus foliosus* in our County has been resurrected to *C. austro-montanus*.

**Rosaceae.** The two varieties of *Potentilla glandulosa* have been transferred to *Drymocallis glandulosa*. *Sanguisorba occidentalis* has been changed to *Poteridium annum* and *Sanguisorba minor* subsp. *muricata* is now *Poterium sanguisorba*.

**Salicaceae.** *Populus balsamifera* subsp. *trichocarpa* is now *Populus trichocarpa*. *Salix lucida* subsp. *lasiandra* is now *Salix lasiandra*.

**Sapindaceae.** *Acer* has been transferred to this family.

**Saxifragaceae.** *Saxifraga californica* is now treated as *Micranthes californica*.

**Scrophulariaceae.** *Limosella acaulis* has been transferred from the Plantaginaceae to this family. We have added a number of *Myoporum* taxa not listed in *Jepson II* or the *Jepson eFlora* but that we feel are naturalized in San Diego County.

**Solanaceae.** A new, undescribed species of *Physalis* has been discovered in San Diego County. Our two, non-native species of *Lycopersicon* have been transferred to the genus *Solanum* (Peralta and Spooner 2000), a change not listed in *Jepson II* nor yet in the *Jepson eFlora*.

**Theophrastaceae.** *Samolus* is now transferred from the Primulaceae to this closely related family.



**Viscaceae.** *Phoradendron serotinum* and subspecies have been transferred to *Phoradendron leucarpum*, a change to be noted in the *Jepson eFlora*.

## MONOCOTS

We have placed the monocots at the end of our *Checklist* to parallel *Jepson II*. Within the monocots, the following major nomenclatural changes are noted:

**Agavaceae.** This family now includes our two species of *Chlorogalum* (previously classified in the Hyacinthaceae).

**Convallariaceae.** This family is no longer recognized in *APG III* and is not recognized in *Jepson II*. In the latter and in our *Checklist*, the genus *Maianthemum* is now transferred to the Ruscaceae.

**Hyacinthaceae.** This family is no longer recognized in *APG III* and is not recognized in *Jepson II*. In the latter and in our *Checklist*, the genus *Chlorogalum* is now transferred to the Agavaceae.

**Juncaginaceae.** *Lilaea scilloides* has been transferred to the genus *Triglochin*.

**Melanthiaceae.** Species of *Zigadenus* have been transferred to the genus *Toxicoscordion*.

**Nolinaceae.** *Nolina* species are now treated in the family Ruscaceae.

**Poaceae.** As in *Jepson II*, the species of *Achnatherum*, *Nassella*, *Oryzopsis*, and *Piptatherum* have been transferred back to the genus *Stipa*, although an upcoming phylogenetic treatment may split this genus even more. We are elevating the two subspecies of *Bromus madritensis* to species status, based on research by Fortune et al. (2008). *Elymus hispidus* and *E. ponticus* have been transferred to the genus *Thinopyrum* (as *T. intermedium* and *T. ponticum*; see FNA 1993+). *Festuca* now includes species of the genera *Lolium* and *Vulpia*. *Monanthochloe littoralis* has been transferred to the genus *Distichlis*. Our two infraspecies of *Leptochloa* have been transferred to the genus *Diplachne* (Peterson et al. 2012). Species of the genera *Leymus* and *Taeniatherum* have been transferred to the genus *Elymus*. Our three species of *Pennisetum* have been transferred to *Cenchrus* (Chemisquy et al. 2010).

**Potamogetonaceae.** *Ruppia maritima* has been transferred to Ruppiaceae.

**Ruppiaceae.** This family, containing only *Ruppia maritima* in our County, is now recognized, segregated from the Potamogetonaceae.

**Ruscaceae.** This family is now treated with a broadened circumscription, containing *Mainthemum* and *Nolina* in San Diego County and in California.

## FORMAT OF CHECKLIST (see inside front cover for examples)

The following formatting is used in our *Checklist*:

- 1) Major vascular plant groups are noted in **BOLD CAPITALS**.
- 2) Families are noted in **BOLD SMALL CAPS**.
- 3) Species and infraspecies are noted in ***Bold italics*** (subsp.=subspecies, var.=variety); full authorships for these taxa are listed generally from *Jepson II* or *Hortus Third* (Bailey and Bailey 1976).
- 4) A representative herbarium voucher is shown in curly brackets “{ }”, listing the herbarium acronym – from **AHUC, CAS, CDA, DS, DES, GH, HSC, JEPS, OBI, POM, RSA, SD, SDSU, SJSU, UC, UCR, US, or UTC**. (see page v for acronym meanings) – and associated accession number.
- 5) Common names are noted in **SMALL CAPITALS**, and are derived from *A Flora of San Diego County*, *Hortus Third*, *Jepson II*, from internet resources (especially Jepson Interchange Common Names Index, CalFlora <<http://www.calflora.org>>, and USDA Plants Database <<http://plants.usda.gov>>), or are created by us.

- 6) Environmental listing, where applicable, is noted in **bold** (see below).
- 7) Synonyms (rejected names) are listed within square brackets “[ ]”. We list only those synonyms that are the rejected names of *Jepson II* or other recent publications or citations. (See *Jepson II* or the *Jepson eFlora* for a more complete list of synonymy.)
- 8) Pertinent notes regarding literature cited, taxonomy, distribution, rarity, or ongoing studies are indicated for selected taxa.

The following symbols may precede taxa names to indicate:

- \* a taxon that is not native to the County, but has become naturalized, meaning that the taxon is persisting or spreading in natural, non-cultivated areas.
- † a taxon that is not listed in *Jepson II*. Note that some of these may be cited anecdotally in *Jepson II*, but are not officially recognized there.
- §§ a taxon (these cited separately in Appendix 2) that is strictly endemic to San Diego County, known only to occur nowhere else.
- § a taxon (these cited separately in Appendix 2) that is considered to be a near-endemic to the County, having one or a very few vouchers occurring just outside of the County’s border.
- ? a taxon (cited only in Appendix 1) that is doubtfully found in the County and has certainly or probably been misidentified in the past.

An **Alphabetical Listing of Families**, citing page numbers, immediately follows this Preface.

The **San Diego County Vascular Plant Checklist: Documented with Herbarium Vouchers** contains only those taxa for which herbarium specimen vouchers (listed in curly brackets “{ }”) are known. This section is considered to be the definitive listing of taxa for the County (see below). Headings cite the family and genus at the start and end of each page.

**Appendix 1: Taxa Reported for San Diego County but Excluded** lists taxa that have been cited from various sources, but which we have omitted from the list. Some of these reports are mistaken identifications from past treatments or anecdotal checklists; known misidentifications are indicated in this list with “?”. Others may well occur in our County, but have no known documentation with an herbarium specimen. Some may have occurred in the County in the past but are now extinct and without a voucher. Finally, some reports may have been correctly identified and documented with a voucher specimen, but have a suspect, presumed incorrect, recorded locality. Several specimens collected by Orcutt in 1917 from “Mountain Springs Grade” (*Calochortus venustus*, *Cynoglossum grande*, *Greeneocharis similis*, *Salvia dorrii* var. *pilosa*, and *Mentzelia laevicaulis*), fit this last category; see Appendix 1. We will continue to clarify reported but undocumented or otherwise doubtfully occurring taxa in future research.

**Appendix 2: Taxa Endemic to San Diego County** re-lists taxa that are known to occur only in the County (**Strict Endemic**, §§ symbol) or that have one or a very few vouchers generally just outside the County’s boundaries (**Near-Endemic**, § symbol).

**Appendix 3: Hybrid Taxa in San Diego County** re-lists taxa that are of known or suspected hybrid origin.

**Appendix 4: Historical Collections Not Documented In Last 50 years** lists taxa for which we have no known vouchers after 1 January 1964.

**Appendix 5: Recent Collections Lacking SD or SDSU Vouchers** lists taxa collected after 1 January 1964 but for which we lack either an SD or SDSU voucher.

**Appendix 6: Taxa with CNPS Inventory Listings** cites all San Diego County vascular plants with listings on the California Native Plant Society's Inventory of Rare and Endangered Plants (CNPS 2014).

**Index of Genera and Families** at the back of the *Checklist* may be used to quickly locate a taxon listing. These include family and generic synonyms.

**Notes** at the end of the *Checklist* may be used for personal recording of data.

## ENVIRONMENTAL LISTING

Environmental listing information is based on *California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants of California* (CNPS 2014), referred to here as the *CNPS Inventory*. The *CNPS Inventory* lists California Rare Plant Ranks (CRPR), as well as those from the California Natural Diversity Database (CNDDB) and State and Federal Listings. In cases where the *CNPS Inventory* cites a taxon not recognized in *Jepson II*, the *CNPS Inventory* name is treated here as a synonym, with environmental listing for that synonym included. See the inside back cover for a definition of ranks listed in the *CNPS Inventory*.

## FIELD AND WEB GUIDES

Recommended color-picture books to many of the local plants of San Diego County include: Lightner (2011), Rebman and Roberts (2012), and Allen and Roberts (2013). Useful web resources with color images include: San Diego County Plant Atlas web site <<http://www.sdplantatlas.org>> (also with links to scanned images of the SD San Diego County synoptic herbarium collection) and Calphotos <<http://calphotos.berkeley.edu>>. Additional resources are listed at the web site for the Botany Department of the San Diego Natural History Museum <<http://www.sdnhm.org/science/botany/resources>>.

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We thank Duffie Clemons (posthumously) and Jerilyn Hirshberg for noting or discovering numerous additions to our County's flora in the Cuyamaca and Laguna Mountains (see Hirshberg and Clemons 1996). We thank Robert Lauri for discovering several new County records in the Palomar Mountains (Lauri 2004). We thank Craig Reiser (posthumously) for past documentation of several additions to the County. We thank Steve Boyd and Andy Sanders for providing documentation of some species in the herbaria at Rancho Santa Ana Botanic Garden (**RSA, POM**) and University of California Riverside (**UCR**), respectively. We thank Tom Chester and Kate Harper for discovering several new County records. We thank Fred Roberts for several taxonomic suggestions regarding our flora. We especially thank Tom Chester for numerous editorial comments and astute taxonomic sleuthing for this edition. We thank Daniel Simon for researching *FNA* volumes for nomenclatural changes in our County records and MaryAnn Brooks-Gonyer for supplying missing common names of many documented plants. We thank Mare Nazare of the Rancho Santa Ana Botanic Garden Herbarium (**RSA, POM**) for checking some voucher specimens deposited there. We thank Phil Unitt for allowing us to use the map of San Diego County vegetation on the cover (this based on those compiled by the U.S. Forest Service, Anza-Borrego Desert State Park, and the San Diego Association of Governments). We thank Layla Aerne-Hains, Mary Ann Hawke, Marty Jacobson, Karen Rich, John Sanborn, and numerous volunteers at the San Diego Natural History Museum Herbarium (**SD**) for their help in processing and recording vouchers. We especially thank Judy Gibson and Jeannie Gregory for their meticulous editing and research on this *Checklist*. We thank all of the parobotanists of the Plant Atlas Project who have contributed

their time and efforts in collecting plant specimens throughout San Diego County. Finally, we thank Scott McMillan, Brenda McMillan (formerly Brenda Stone), and Judy Gibson for their contributions to earlier editions of this *Checklist*.

## UPDATES

We would appreciate and encourage notification of any vouchered additions or corrections to this *Checklist*, particularly knowledge of voucher specimens or field localities of taxa for which we lack documentation (in Appendix 1). Please relay such information to Dr. Jon Rebman, San Diego Natural History Museum, P.O. Box 121390, San Diego, CA 92112-1390 (SD Herbarium: 619-255-0229; email: jrebman@sdnhm.org) or to Dr. Michael Simpson, Dept. of Biology, San Diego State University, San Diego, CA 92182-4614 (SDSU Herbarium: 619-594-4479; email: msimpson@mail.sdsu.edu).

NOTE: Online access, including additions, corrections, and other listings of the *Checklist*, will be available in the future from the web page: <http://www.sdnhm.org/science/botany/projects/checklist> and via the San Diego County Plant Atlas web page: <http://www.sdplantatlas.org>.

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## Alphabetical Listing of Families

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ADOXACEAE – Adoxa Family	4
AGAVACEAE – Agave Family	81
AIZOACEAE – Fig-Marigold Family	4
ALISMATACEAE – Water-Plantain Family	81
ALLIACEAE – Onion Family	81
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AMARYLLIDACEAE – Amaryllis Family	81
ANACARDIACEAE – Sumac or Cashew Family	5
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APODANTHACEAE – Apodanthes Family	8
APONOGETONACEAE – Cape-Pondweed Family	82
ARACEAE – Arum/Duckweed Family [incl. Lemnaceae]	82
ARALIACEAE – Ginseng Family	8
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ASPARAGACEAE – Asparagus Family	82
ASPHODELACEAE – Asphodel Family	82
ASPLENIACEAE – Spleenwort Family	1
ASTERACEAE (COMPOSITAE) – Sunflower Family	8
AZOLLACEAE – Mosquito Fern Family	1
BATACEAE – Saltwort Family	21
BERBERIDACEAE – Barberry Family	21
BETULACEAE – Birch Family	21
BIGNONIACEAE – Bignonia Family	21
BLECHNACEAE – Deer Fern Family	1
BORAGINACEAE – Borage Family	21
BRASSICACEAE (CRUCIFERAE) – Mustard Family	26
BURSERACEAE – Torchwood Family	29
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FAGACEAE – Oak Family	47
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FRANKENIACEAE – Frankenia Family	47
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JUGLANDACEAE – Walnut Family	49
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MALVACEAE – Mallow Family [incl. Sterculiaceae]	52
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MELANTHIACEAE – Bunch Flower or Camas Family	86
MELIACEAE – Mahogany Family	54
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PLATANACEAE – Plane Tree or Sycamore Family	64
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POLYGONACEAE – Buckwheat Family	68
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PONTEDERIACEAE – Pickerel Weed Family	94
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PRIMULACEAE – Primrose Family	70
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RHAMNACEAE – Buckthorn Family	72
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RUBIACEAE – Madder or Coffee Family	75

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RUTACEAE – Rue or Citrus Family	75
SALICACEAE – Willow Family	76
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SAURURACEAE – Lizard’s Tail Family	4
SAXIFRAGACEAE – Saxifrage Family	76
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SELAGINELLACEAE – Spike-Moss Family	1
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WOODSIACEAE – Cliff Fern Family	3
ZANNICHELLIACEAE – Horned-Pondweed Family [=Potamogetonaceae s.l., sensu APG III]	96
ZOSTERACEAE – Eel-Grass Family	96
ZYGOPHYLLACEAE – Caltrop Family	80

**SAN DIEGO COUNTY  
VASCULAR PLANT CHECKLIST:  
Documented with Herbarium Vouchers**

**LYCOPHYTES [=LYCOPODS]**

**ISOETACEAE – Quillwort Family**

- Isoetes howellii* Engelm. {SD 114739} HOWELL'S QUILLWORT  
*Isoetes nuttallii* Engelm. {SD 20744} NUTTALL'S QUILLWORT  
*Isoetes orcuttii* A.A. Eaton {SD 106563} ORCUTT'S QUILLWORT

**SELAGINELLACEAE – Spike-Moss Family**

- Selaginella asprella* Maxon {SD 114716} BLUISH SPIKE-MOSS  
4.3 S3.3 G4G5  
*Selaginella bigelovii* Underw. {SD 120903} BIGELOW'S SPIKE-MOSS  
*Selaginella cinerascens* A.A. Eaton {SD 77924} 4.1 S3S4 G3G4 MESA SPIKE-MOSS  
*Selaginella eremophila* Maxon {SD 20185} 2B.2 S2S3 G4 DESERT SPIKE-MOSS

**EQUISETOPHYTES [=SPHENOPSIDS]**

**EQUISETACEAE – Horsetail Family**

- Equisetum arvense* L. {SD 85850} COMMON HORSETAIL  
*Equisetum x ferrissii* Clute {SD 22181} FERRIS'S SCOURING-RUSH  
[E. hymale x E. laevigatum]  
*Equisetum hyemale* L. subsp. *affine* (Engelm.) Calder & Roy L. Taylor  
{SD 163270} COMMON SCOURING-RUSH  
*Equisetum laevigatum* A. Braun {SD 76071} SMOOTH SCOURING-RUSH  
*Equisetum telmateia* Ehrh. subsp. *braunii* (J. Milde) Hauke {SD 112406} GIANT HORSETAIL

**OPHIOGLOSSOID FERNS**

**OPHIOGLOSSACEAE – Adder's Tongue Family**

- Ophioglossum californicum* Prantl {SD 117871} CALIFORNIA ADDER'S TONGUE  
4.2 S3.2 G4

**LEPTOSPORANGIATE FERNS**

**ASPLENIACEAE – Spleenwort Family**

- Asplenium vespertinum* Maxon {SD 128222} WESTERN SPLEENWORT  
4.2 S3.2 G3?

**AZOLLACEAE – Mosquito Fern Family**

- Azolla filiculoides* Lam. {SD 86073} PACIFIC MOSQUITO FERN

**BLECHNACEAE – Deer Fern Family**

- Woodwardia fimbriata* Sm. {SD 115130} GIANT CHAIN FERN

**DENNSTAEDTIACEAE – Bracken Family**

- Pteridium aquilinum* (L.) Kuhn var. *pubescens* Underw. {SD 20729} WESTERN BRACKEN

**DRYOPTERIDACEAE – Wood Fern Family**

- \**Cyrtomium falcatum* (L. f.) C. Presl {SD 130874} HOUSE HOLLY FERN  
*Dryopteris arguta* (Kaulf.) Maxon {SD 83570} COASTAL WOOD FERN  
 \*†*Nephrolepis cordifolia* (L.) C. Presl {SD 175771} NARROW SWORD FERN  
*Polystichum imbricans* (D.C. Eaton) D.H. Wagner subsp. *curtum* (Ewan) D.H. WAGNER CANYON SWORD FERN  
 Wagner {SD 16264}  
*Polystichum imbricans* (D.C. Eaton) D.H. Wagner subsp. *imbricans* {SD 194136} NARROW-LEAF SWORD FERN  
*Polystichum munitum* (Kaulf.) C. Presl {DES 00001099} WESTERN SWORD FERN

**MARSILEACEAE – Marsilea Family**

- Marsilea vestita* Hook. & Grev. subsp. *vestita* {SD 72867} HAIRY CLOVER FERN  
*Pilularia americana* A. Braun {SD 106793} AMERICAN PILLWORT

**POLYPODIACEAE – Polypody Family**

- Polypodium californicum* Kaulf. {SD 128774} CALIFORNIA POLYPODY

**PTERIDACEAE – Brake Family**

- Adiantum capillus-veneris* L. {SD 90792} SOUTHERN MAIDENHAIR  
*Adiantum jordanii* Müll. Hal. {SD 73377} CALIFORNIA MAIDENHAIR  
*Aspidotis californica* (Hook.) Copel. {SD 82456} CALIFORNIA LACE FERN  
 [Cheilanthes californica (Hook.) Mett.]  
*Aspidotis densa* (Brack.) Lellingner {SD 122680} INDIAN'S DREAM  
 [Onychium d. Brackenr.]  
*Myriopteris clevelandii* (D.C. Eaton) Grusz & Windham {SD 106799} [Cheilanthes c. D.C. Eaton] CLEVELAND'S LIP FERN  
*Myriopteris covillei* (Maxon) Á. Löve & D. Löve {SD 86164} [Cheilanthes c. Maxon] COVILLE'S LIP FERN  
*Myriopteris intertexta* (Maxon) Grusz & Windham {SD 194137} [Cheilanthes i. (Maxon) Maxon] COASTAL LIP FERN  
*Myriopteris newberryi* (D.C. Eaton) Grusz & Windham {SD 74716} [Cheilanthes n. (D.C. Eaton) Domin] CALIFORNIA COTTON FERN  
*Myriopteris xparishii* (Davenp.) Grusz & Windham {SD 80828} [Cheilanthes xparishii Davenp.] PARISH'S LIP FERN  
*Myriopteris parryi* (D.C. Eaton) Grusz & Windham {SD 83517} [Cheilanthes p. (D.C. Eaton) Domin] PARRY'S CLOAK FERN  
*Myriopteris viscida* (Davenp.) Grusz & Windham {SD 120998} [Cheilanthes v. Davenp.] VISCID LIP FERN  
 †*Notholaena californica* D.C. Eaton subsp. *californica* {SD 20837} [Cheilanthes deserti Mickel] CALIFORNIA CLOAK FERN  
 †*Pellaea andromedifolia* (Kaulf.) Fée var. *andromedifolia* {SD 115129} Note: Varieties of P. a. not recognized in Jepson II. COFFEE FERN  
 †*Pellaea andromedifolia* (Kaulf.) Fée var. *pubescens* D.C. Eaton {SD 86159} HAIRY COFFEE FERN  
*Pellaea mucronata* (D.C. Eaton) D.C. Eaton var. *mucronata* {SD 114920} BIRD'S FOOT CLIFF-BRAKE  
*Pellaea truncata* Goodd. {SD 145483} SPINY CLIFF-BRAKE

- Pentagramma triangularis* (Kaulf.) Yatsk. et al. subsp. *maxonii* (Weath.) Yatsk.  
 et al. {SD 80639} MAXON'S SILVERBACK FERN  
 [Pityrogramma t. (Kaulf.) Maxon var. m. Weath.]
- §† *Pentagramma triangularis* (Kaulf.) Yatsk. et al. subsp. *rebmanii* Winner & M.G.  
 Simpson {SD 157262} REBMAN'S SILVERBACK FERN  
 Note: This variety not yet recognized in Jepson II.
- Pentagramma triangularis* (Kaulf.) Yatsk. et al. subsp. *triangularis* {SD 114919}  
 [Pityrogramma t. var. t.] CALIFORNIA GOLDBACK FERN
- Pentagramma triangularis* (Kaulf.) Yatsk. et al. subsp. *viscosa* (D.C. Eaton) Yatsk.  
 et al. {SD 82486} STICKY SILVERBACK FERN  
 [Pityrogramma t. var. v. (D.C. Eaton) Weath.]
- \**Pteris vittata* L. {SD 211349} LADDER BRAKE

SALVINIACEAE – Water Spangle Family

- \**Salvinia minima* Baker {SD 222102} COMMON WATER-SPANGLE

WOODSIACEAE – Cliff Fern Family

- Cystopteris fragilis* (L.) Bernh. {SD 106579} BRITTLE BLADDER FERN

CONIFERS

CUPRESSACEAE – Cypress Family

- Calocedrus decurrens* (Torr.) Florin {SD 112370} CALIFORNIA INCENSE CEDAR
- Hesperocyparis forbesii* (Jeps.) Bartel {SD 98746} TECATE CYPRESS  
 [Cupressus f. Jeps.; Cupressus guadalupensis S. Watson var. f. (Jeps.) Little;  
 Callitropsis f. (Jeps.) D.P. Little] **1B.1 S2 G2**
- §§ *Hesperocyparis stephensonii* (C.B. Wolf) Bartel {SD 98741} CUYAMACA CYPRESS  
 [Cupressus s. C.B. Wolf; Callitropsis s. (C.B. Wolf) D.P. Little; Callitropsis arizonica  
 (Greene) D.P. Little, misappl.; Cupressus arizonica var. glabra (Sudw.) Little,  
 misappl.] Note: This species is now considered endemic to our County; see Adams  
 et al. 2014. **1B.1 S1 G1**
- Juniperus californica* Carrière {SD 19748} CALIFORNIA JUNIPER

PINACEAE – Pine Family

- Abies concolor* (Gordon & Glend.) Hildebr. {SD 132521} [A. c. var. c.] WHITE FIR
- Pinus attenuata* Lemmon {SD 162001} KNOBCONE PINE
- Pinus coulteri* D. Don {SD 137992} COULTER PINE
- \*† *Pinus halepensis* Mill. {SD 184053, 222661} ALEPPO PINE
- Pinus jeffreyi* Grev. & Balf. {SD 12530, 112158} JEFFREY/YELLOW PINE
- Pinus lambertiana* Douglas {SD 16376} SUGAR PINE
- Pinus monophylla* Torr. & Frém. {SD 12994} SINGLE-LEAF PINE
- \*† *Pinus pinea* L. {SD 193177} ITALIAN STONE PINE
- Pinus ponderosa* Lawson & C. Lawson var. *pacifica* J.R. Haller & Vivrette  
 {SD 16243} PACIFIC PONDEROSA PINE  
 Note: Our determination to variety is based largely on geography, as there is  
 considerable variation in the morphological features distinguishing them.
- Pinus quadrifolia* Sudw. {SD 85608} PARRY PINYON
- §§ *Pinus torreyana* Carrière subsp. *torreyana* {SD 112168} TORREY PINE  
**1B.2 S1 G1T1**
- Pseudotsuga macrocarpa* (Vasey) Mayr {SD 40365} BIG-CONE DOUGLAS FIR

## GNETALES

## EPHEDRACEAE – Ephedra Family

- Ephedra aspera* S. Watson {SD 85434, 24457} BOUNDARY EPHEDRA  
 [E. fasciculata A. Nelson var. *clokeyi* (H.C. Cutler) Clokey; E. f. var. f.]
- Ephedra californica* A. S. Watson {SD 86074} CALIFORNIA EPHEDRA
- Ephedra nevadensis* S. Watson {SD 120711} NEVADA EPHEDRA
- Ephedra trifurca* S. Watson {UC 1005090} THREE-FORK EPHEDRA
- Ephedra viridis* Coville {SD 155525} GREEN EPHEDRA

## ANGIOSPERMS: MAGNOLIIDS-LAURALES

## CALYCANTHACEAE – Sweet Shrub or Calycanthus Family

- Calycanthus occidentalis* Hook. & Arn. {SD 130564} SWEET SHRUB, SPICEBUSH

## LAURACEAE – Laurel Family

- \*† *Cinnamomum camphora* (L.) J. Presl. {SD 154859} CAMPHOR TREE
- Umbellularia californica* (Hook. & Arn.) Nutt. {SD 70925} CALIFORNIA BAY

## ANGIOSPERMS: MAGNOLIIDS-PIPERALES

## SAURURACEAE – Lizard’s Tail Family

- Anemopsis californica* (Nutt.) Hook. & Arn. {SD 126665} YERBA MANSA

## ANGIOSPERMS: CERATOPHYLLALES

## CERATOPHYLLACEAE – Hornwort Family

- Ceratophyllum demersum* L. {SD 106715} HORNWORT

## ANGIOSPERMS: EUDICOTS

## ACANTHACEAE – Acanthus Family [incl. Avicenniaceae]

- \* *Avicennia marina* (Forssk.) Vierh. var. *australasica* (Walp.) Moldenke  
 {SD 129927} Note: Formerly in Verbenaceae MANGROVE, MANAWA  
 [*Avicennia marina* (Forssk.) Vierh. var. *resinifera* (G. Forst.) Bakh.]
- Carlowrightia arizonica* A. Gray {SD 168625} ARIZONA CARLOWRIGHTIA  
 2B.2 S2 G4G5
- Justicia californica* (Benth.) D.N. Gibson {SD 122440} CHUPAROSA, BELOPERONE

## ADOXACEAE – Adoxa Family

- Sambucus nigra* L. subsp. *caerulea* (Raf.) Bolli {SD 71724, 126700}  
 [S. caerulea Raf.; S. mexicana DC., misappl.] BLUE ELDERBERRY

## AIZOACEAE – Fig-Marigold Family

- \* *Aptenia cordifolia* (L. f.) Schwantes BABY SUN ROSE, SHRUBBY DEWPLANT  
 {SD 24323} [Including red hybrid cultivar “Red Apple”]
- \* *Carpobrotus chilensis* (Molina) N.E. Br. {SD 40036} SEA-FIG  
 [C. aequilaterus (Haw.) N.E. Br.]
- \* *Carpobrotus edulis* (L.) N.E. Br. {SD 52569} HOTTENTOT-FIG
- \* *Cypselea humifusa* Turpin {SD 124511} PANAL
- \* *Drosanthemum floribundum* (Haw.) Schwantes {SD 177555} SHOWY DEWFLOWER
- \*† *Galenia pubescens* (Ecklon & Zeyher) Druce {SD 183087} COASTAL GALENIA
- \*† *Lampranthus* cf. *coccineus* (Haworth) N.E. Br. {SD 177553} REDFLUSH

- \*†*Lampranthus* cf. *tenuifolius* N.E. Br. {SD 177554} TRAILING PINK ICEPLANT  
 \**Malephora crocea* (Jacq.) Schwantes var. *crocea* {SD 152123} CROCEA ICEPLANT  
 \*†*Malephora crocea* (Jacq.) Schwantes var. *purpureocrocea* (Haworth) H. Jacobsen  
 & Schwantes {SD 157640} PURPLE MALEPHORA  
 Note: Variety recognized in FNA, vol. 4.  
 \*†*Malephora luteola* (Haw.) Schwant. {SD 193206} ROCKY POINT ICEPLANT  
 \**Mesembryanthemum crystallinum* L. {SD 112946} CRYSTALLINE ICEPLANT  
 \**Mesembryanthemum nodiflorum* L. {SD 80491} SLENDER-LEAF ICEPLANT  
 †*Sesuvium portulacastrum* (L.) L. {SD 5675} SEA-PURSLANE  
*Sesuvium verrucosum* Raf. {SD 16346} WESTERN SEA-PURSLANE  
 \**Tetragonia tetragonioides* (Pall.) Kuntze {SD 80396} NEW ZEALAND-SPINACH  
*Trianthema portulacastrum* L. {SD 232121} HORSE-PURSLANE

## AMARANTHACEAE – Amaranth Family

- \**Amaranthus albus* L. {SD 124472} WHITE TUMBLEWEED  
 \**Amaranthus arenicola* I.M. Johnst. {RSA 200028} SAND AMARANTH  
*Amaranthus blitoides* S. Watson {SD 54847} PROSTRATE AMARANTH  
 \**Amaranthus blitum* L. subsp. *emarginatus* (Uline & W.L. Bray) Carretero et al.  
 {SD 153130} PURPLE AMARANTH  
*Amaranthus californicus* (Moq.) S. Watson {SD 106652} CALIFORNIA AMARANTH  
 \**Amaranthus deflexus* L. {SD 112937} LOW AMARANTH  
*Amaranthus fimbriatus* (Torr.) S. Watson {SD 118896} FRINGE AMARANTH  
 \**Amaranthus hybridus* L. {SD 8010} SLENDER PIGWEED  
*Amaranthus palmeri* S. Watson {SD 23189, 37008} PALMER'S AMARANTH  
*Amaranthus powellii* S. Watson {SD 112940} POWELL'S AMARANTH  
 \**Amaranthus retroflexus* L. {SD 53598} ROUGH PIGWEED  
 \*†*Amaranthus viridis* L. {SD 156807} SLENDER AMARANTH  
*Amaranthus watsonii* Standl. {SD 20060} WATSON'S AMARANTH  
*Nitrophila occidentalis* (Moq.) S. Watson {SD 22898} AMERICAN NITROPHILA  
*Tidestromia suffruticosa* (Torr.) Standl. var. *oblongifolia* (S. Watson) Sanch.Pino &  
 Flores Oliv. {SD 130571} SALTON SEA HONEYSWEET  
 [This variety recognized in FNA, vol. 4; T. o.; T. o. subsp. *cryptantha* (S. Watson)  
 Wiggins]

## ANACARDIACEAE – Sumac or Cashew Family

- Malosma laurina* (Nutt.) Abrams {SD 127802} LAUREL SUMAC  
 \*†*Pistacia chinensis* Bunge {SD 183094} CHINESE PISTACHE  
 †*Rhus aromatica* Aiton var. *simplicifolia* (Greene) Conquist {SD 118139}  
 SINGLE-LEAF SKUNKBRUSH  
 [Rhus trilobata Nutt. var. *simplicifolia* (Greene) Bark] **2B.3 S2 G5T3T5**  
*Rhus aromatica* Aiton var. *aromatica* {SD 15530} SKUNKBRUSH  
 [Rhus trilobata Nutt.; R. t. var. *anisophylla* (Greene) Jeps., var. *quinata* (Greene)  
 Jeps., var. *pilosissima* Eng. in DC]  
*Rhus integrifolia* (Nutt.) Rothr. {SD 118571} LEMONADEBERRY  
*Rhus integrifolia* × *R. ovata* {SD 168894} HYBRID SUGARBERRY  
*Rhus ovata* S. Watson {SD 111473} SUGAR BUSH  
 \**Schinus molle* L. {SD 20242} PERUVIAN PEPPER TREE  
 \**Schinus terebinthifolius* Raddi {SD 154426} BRAZILIAN PEPPER TREE

- \**Searsia lancea* (L. f.) F.A. Barkley {SD 165870} AFRICAN SUMAC  
 [Rhus l. L. f.]  
*Toxicodendron diversilobum* (Torr. & A. Gray) Greene WESTERN POISON-OAK  
 {SD 131235} [T. radicans (L.) Kuntze subsp. *diversilobum* (Torr. & A. Gray) Thorne]

## APIACEAE (UMBELLIFERAE) – Carrot Family

- \**Ammi majus* L. {SD 136262} LARGER BISHOP'S WEED  
 \**Anethum graveolens* L. {SD 21779} COMMON DILL  
*Angelica tomentosa* S. Watson {SD 72127} CALIFORNIA ANGELICA  
 \**Anthriscus caucalis* M. Bieb. {SD 88134} BUR CHERVIL  
 [A. scandicina Mansfeld]  
*Apiastrum angustifolium* Nutt. {SD 119088} MOCK-PARSLEY  
 \**Apium graveolens* L. {SD 118609} COMMON CELERY  
*Berula erecta* (Huds.) Coville {SD 106644} CUT-LEAF WATER-PARSNIP  
*Bowlesia incana* Ruiz & Pav. {SD 115107} AMERICAN BOWLESIA  
 \*†*Bupleurum lancifolium* Hornem. {SD 49321} LANCE-LEAF HARE'S EAR  
*Cicuta douglasii* (DC.) J.M. Coult. & Rose {SD 112969} DOUGLAS'S WATER HEMLOCK  
*Cicuta maculata* L. var. *angustifolia* Hook. NARROW-LEAF WATER HEMLOCK  
 {SD 12214}  
 †*Cicuta maculata* L. var. *maculata* {SD 18369} WATER HEMLOCK  
 Note: Specimen annotated by expert.  
 \**Conium maculatum* L. {SD 38858} COMMON POISON HEMLOCK  
 \**Coriandrum sativum* L. {SD 36335} CORIANDER, CILANTRO  
 \**Cyclospermum leptophyllum* (Pers.) Britton & P. Wilson {SD 134173} MARSH-PARSLEY  
 [Apium l. (Pers.) Benth. & Muell.]  
 \**Daucus carota* L. {SD 112974} CARROT, QUEEN ANNE'S LACE  
*Daucus pusillus* Michx. {SD 80599} RATTLESNAKE WEED  
*Eryngium aristulatum* Jeps. var. *parishii* (J.M. Coult. & Rose) Mathias & Constance  
 {SD 138944} SAN DIEGO BUTTON-CELERY  
 [E. a. subsp. p. (J.M. Coult. & Rose) Beauch.] **1B.1 S1 G5T1 CE FE**  
 §§*Eryngium pendletonense* K.L. Marsden & M.G. Simpson {SD 194635} PENDLETON BUTTON-CELERY  
**1B.1 S1 G1**  
 \**Foeniculum vulgare* Mill. {SD 23584} SWEET FENNEL  
*Lomatium dasycarpum* (Torr. & A. Gray) J.M. Coult. & Rose subsp. *dasycarpum*  
 {SD 26946, 114729} WOOLLY-FRUIT LOMATIUM  
*Lomatium lucidum* (Torr. & A. Gray) Jeps. {SD 7630} SHINY LOMATIUM  
*Lomatium mohavense* (J.M. Coult. & Rose) J.M. Coult. & Rose {SD 119063} MOHAVE LOMATIUM  
*Lomatium utriculatum* (Torr. & A. Gray) J.M. Coult. & Rose COMMON LOMATIUM  
 {SD 16986} [L. vaseyi (Coult. & Rose) Coult. & Rose]  
*Oenanthe sarmentosa* DC. {SD 83080} PACIFIC OENANTHE  
*Osmorhiza brachypoda* Torr. {SD 76118} CALIFORNIA SWEET-CICELY  
*Osmorhiza berteroi* DC. {SD 135337} MOUNTAIN SWEET-CICELY  
 [O. chilensis Hook. & Arn.]  
 \**Pastinaca sativa* L. {SD 25616} COMMON PARSNIP  
*Perideridia gairdneri* (Hook. & Arn.) Mathias subsp. *gairdneri* {UC 173175} GARDNER'S YAMPAH  
**4.2 S3.2 G5T3**  
 Note: Only one specimen cited for San Diego Co., but locality is in question.



- Perideridia parishii* (J.M. Coult. & Rose) A. Nelson & J.F. Macbr. subsp. *latifolia*  
(A. Gray) Chuang & Constance {SD 3440} SOUTHERN YAMPAH
- Sanicula arguta* J.M. Coult. & Rose {SD 80628} SHARP-TOOTH SANICLE
- Sanicula bipinnatifida* Hook. {SD 128531} PURPLE SANICLE
- Sanicula crassicaulis* DC. {SD 27065} PACIFIC SANICLE
- Sanicula graveolens* DC. {SD 131221} SIERRA SANICLE
- Sanicula tuberosa* Torr. {SD 63322} TURKEY PEA SANICLE
- \**Scandix pecten-veneris* L. {SD 3417} VENUS'S / WEEDY SHEPHERD'S NEEDLE
- §§*Spermolepis infernensis* G.L. Nesom {SD 103726} SAN DIEGO SCALESEED
- 2B.3 S1 G5** [S. echinata (Nutt.) A. Heller, misappl.] Note: A recently described species; see Nesom (2012). Only known from a very few specimens collected near Borrego Springs. New CNPS Inventory listing needed.
- Spermolepis lateriflora* G.L. Nesom {SD 28687} SOUTHWESTERN SCALESEED
- 2B.3 S1 G5** [S. echinata (Nutt.) A. Heller, misappl.] Note: A recently described species; see Nesom (2012). New CNPS Inventory listing needed.
- Tauschia arguta* (Torr. & A. Gray) J.F. Macbr. {SD 117876} SOUTHERN TAUSCHIA
- Tauschia parishii* (J.M. Coult. & Rose) J.F. Macbr. {SD 141433} PARISH'S TAUSCHIA
- \**Torilis arvensis* (Huds.) Link {SD 134542} JAPANESE HEDGE-PARSLEY  
[T. japonica (Houtt.) DC.]
- \**Torilis nodosa* (L.) Gaertn. {SD 27061} KNOT HEDGE-PARSLEY
- Yabea microcarpa* (Hook. & Arn.) Koso-Pol. CALIFORNIA HEDGE-PARSLEY  
{SD 115152}

## APOCYNACEAE – Dogbane Family [incl. Asclepiadaceae]

- Apocynum androsaemifolium* L. {SD 6088} BITTER DOGBANE  
[A. pumilum (A. Gray) Greene]
- Apocynum cannabinum* L. {SD 21546} INDIAN-HEMP  
[A. c. var. rhomboideum (Greene) Berg., A. sibiricum Jacq. var. salignum (Greene) Fern.]
- \**Araujia sericifera* Brot. {SD 163343} BLADDER FLOWER
- Asclepias albicans* S. Watson {SD 119039} WHITE-STEM/WAX MILKWEED
- Asclepias californica* Greene {SD 124526} CALIFORNIA/ROUND-HOOD MILKWEED
- \**Asclepias curassavica* L. {SD 52585} BLOODFLOWER MILKWEED
- Asclepias eriocarpa* Benth. {SD 128215} KOTOLO, INDIAN MILKWEED
- Asclepias erosa* Torr. {SD 118617} DESERT MILKWEED
- Asclepias fascicularis* Decne. {SD 120528} NARROW-LEAF MILKWEED
- Asclepias subulata* Decne. {SD 85932} RUSH MILKWEED, AJAMETE
- \**Catharanthus roseus* (L.) G. Don {SD 155853} MADAGASCAR PERIWINKLE
- Funastrum cynanchoides* (Decne.) Schltr. var. *hartwegii* (Vail) Krings  
{SD 120948} [Sarcostemma c. Decne. subsp. h. Vail] CLIMBING MILKWEED
- Funastrum hirtellum* (A. Gray) Schltr. {SD 119634} TRAILING TOWNULA  
[Sarcostemma h. (A. Gray) R. Holm]
- Funastrum utahense* (Engelm.) Liede & Meve {SD 105419} UTAH VINE MILKWEED  
[Cynanchum utahense (Engelm.) Woodson] **4.2 S3.2 G4**
- Matelea parvifolia* (Torr.) Woodson {SD 111544} SPEARLEAF, TALAYOTE  
**2B.3 S2.2 G5?**
- \*†*Nerium oleander* L. {SD 155852} OLEANDER
- \**Vinca major* L. {SD 85326} GREATER PERIWINKLE

## APODANTHACEAE – Apodanthes Family

*Pilostyles thurberi* A. Gray {SD 105420}  
4.3 S3.3 G5

THURBER'S PILOSTYLES

## ARALIACEAE – Ginseng Family

*Aralia californica* S. Watson {SD 112958, 112959}

ELK-CLOVER

\*†*Hedera canariensis* Willd. {SD 162003}

ALGERIAN IVY

\**Hedera helix* L. {SD 161348}

ENGLISH IVY

*Hydrocotyle ranunculoides* L. f. {SD 106494}

FLOATING MARSH-PENNYWORT

*Hydrocotyle umbellata* L. {SD 15543}

MANY-FLOWER MARSH-PENNYWORT

*Hydrocotyle verticillata* Thunb. {SD 12049}

WHORLED MARSH-PENNYWORT

## ASTERACEAE (COMPOSITAE) – Sunflower Family

*Acamptopappus sphaerocephalus* (Harv. & A. Gray) A. Gray var.

*sphaerocephalus* {SD 119033}

DESERT GOLDENHEAD

*Achillea millefolium* L. {SD 11069, 15872, 85617}

YARROW, MILFOIL

[A. m. var. *californica* (Pollard) Jeps., var. *lanulosum* (Nutt.) Piper, var. *millefolium*, var. *pacifica* (Rydb.) G.N. Jones]

*Achyrachaena mollis* Schauer {SD 112644}

BLOW-WIVES

*Acourtia microcephala* DC. {SD 71587}

SACAPPELOTE

\**Acroptilon repens* (L.) DC. {SD 72415}

RUSSIAN KNAPWEED

*Adenophyllum porophylloides* (A. Gray) Strother

SAN FELIPE DYSSODIA

{SD 112618} [Dyssodia p. A. Gray]

\**Ageratina adenophora* (Spreng.) R.M. King & H. Rob.

STICKY EUPATORIUM

{SD 15997}

*Agoseris grandiflora* (Nutt.) Greene var. *grandiflora*

LARGE-FLOWER AGOSERIS

{SD 92906}

*Agoseris heterophylla* (Nutt.) Greene var. *heterophylla*

WOODLAND AGOSERIS

{SD 21681}

*Agoseris retrorsa* (Benth.) Greene {SD 85911}

SPEAR-LEAF AGOSERIS

*Amblyopappus pusillus* Hook. & Arn. {SD 80509}

PINEAPPLE-WEED

*Ambrosia acanthicarpa* Hook. {SD 113181}

ANNUAL BUR-SAGE

*Ambrosia ambrosioides* (Cav.) W.W. Payne {UCR 115331}

CANYON RAGWEED

\**Ambrosia artemisiifolia* L. {SD 148647}

COMMON RAGWEED

*Ambrosia chamissonis* (Less.) Greene {SD 80400}

BEACH-BUR

[A. *bipinnatifida* (Nutt.) Greene]

*Ambrosia chenopodiifolia* (Benth.) W.W. Payne

SAN DIEGO BUR-SAGE

{SD 117881} 2B.1 S2.1 G3?

*Ambrosia confertiflora* DC. {SD 23195}

WEAK-LEAF BUR-SAGE

*Ambrosia dumosa* (A. Gray) W.W. Payne {SD 138466}

WHITE BUR-SAGE

*Ambrosia monogyra* (Torr. & A. Gray) Strother & B.G. Baldwin

LEAFY BURROBUSH

{SD 64076} [Hymenoclea m. Torr. & A. Gray] 2B.2 S2.2 G5

*Ambrosia psilostachya* DC. {SD 121547}

WESTERN RAGWEED

[A. p. var. *californica* (Rydb.) Blake]

*Ambrosia pumila* (Nutt.) A. Gray {SD 158346}

SAN DIEGO AMBROSIA

1B.1 S1 G1 FE

*Ambrosia salsola* (Torr. & A. Gray) Strother & B.G. Baldwin var. *salsola*

{SD 143017} [Hymenoclea s. A. Gray]

CHEESEBUSH, BURROBUSH

- Ancistrocarphus filagineus* A. Gray WOOLLY FISHHOOKS  
 {SD 212754} [Stylocline f. (A. Gray) A. Gray]
- Anisocarpus madioides* Nutt. TARWEED  
 {SD 18189} [Madia m. (Nutt.) Greene]
- Anisocoma acaulis* Torr. & A. Gray {SD 119072} SCALE-BUD
- \**Anthemis arvensis* L. {SD 161064} CORN CHAMOMILE
- \**Anthemis cotula* L. {SD 80500} MAYWEED, STINKWEED, DOG-FENNEL
- \**Arctium minus* (Hill) Bernh. {SD 130545} BURDOCK
- \**Arctotis venusta* Norl. {SD 18275} BLUE-EYED AFRICAN DAISY  
 [A. stoechadifolia P.J. Bergius, misappl.]
- \**Argyranthemum foeniculaceum* (Willd.) Sch. Bip. DILL DAISY  
 {SD 122679} [Chrysanthemum f.; C. anethifolium Willd.]
- \*†*Argyranthemum frutescens* (L.) Sch. Bip. {SD 120698} PARIS DAISY
- Arnica cordifolia* Hook. {UC 91044} HEARTLEAF ARNICA
- Artemisia californica* Less. {SD 129851} COASTAL SAGEBRUSH
- Artemisia douglasiana* Besser {SD 122973} DOUGLAS MUGWORT
- Artemisia dracuncululus* L. {SD 71725} TARRAGON, DRAGON SAGEWORT
- Artemisia ludoviciana* Nutt. subsp. *albula* (Wooton) D.D. Keck WHITE WORMWOOD  
 {SD 118639}
- Artemisia ludoviciana* Nutt. subsp. *incompta* (Nutt.) D.D. Keck {SD 153067} MOUNTAIN SAGEWORT
- Artemisia ludoviciana* Nutt. subsp. *ludoviciana* {SD 120709} SILVER WORMWOOD
- Artemisia palmeri* A. Gray {SD 112087} PALMER'S SAGEWORT
- 4.2 S3.2 G3
- Artemisia pycnocephala* (Less.) DC. {SD 148681} COASTAL SAGEWORT
- Artemisia tridentata* Nutt. subsp. *tridentata* {SD 85798, SD 180021, SD 48650}
- Note: Most specimens in our county have glandular achenes, but treatments in Jepson II & FNA differ in what to call this subspecies. BIG SAGEBRUSH
- Baccharis brachyphylla* A. Gray {SD 120048} SHORT-LEAF BACCHARIS
- Baccharis glutinosa* Pers. {UC 1539730} MARSH BACCHARIS  
 [B. douglasii DC.]
- Baccharis pilularis* DC. subsp. *consanguinea* (DC.) C.B. Wolf CHAPARRAL BROOM, COYOTE BRUSH  
 {SD 83388}
- †*Baccharis pilularis* × *B. sarothroides* {SD 185123}
- Note: *B. pilularis* parent is presumed to be var. *consanguinea*.
- Baccharis salicifolia* (Ruiz & Pav.) Pers. subsp. *salicifolia* MULE-FAT, SEEP-WILLOW  
 {SD 83487} [B. glutinosa Pers., misappl.]
- Baccharis salicina* Torr. & A. Gray {SD 23061} WILLOW BACCHARIS  
 [B. emoryi A. Gray]
- Baccharis sarothroides* A. Gray {SD 64083} BROOM BACCHARIS
- Baccharis sergiloides* A. Gray {SD 83789} DESERT BACCHARIS
- §§*Baccharis vanessae* R.M. Beauch. {SD 113036} ENCINITAS BACCHARIS
- 1B.1 S1 G1 CE FT
- Bahiopsis laciniata* (A. Gray) E.E. Schill. & Panero SAN DIEGO SUNFLOWER  
 {SD 83655} [Viguiera l. A. Gray] 4.2 S3.2 G4
- Bahiopsis parishii* (Greene) E.E. Schill. & Panero PARISH'S GOLDEN-EYES  
 {SD 124301} [Viguiera p. Greene]
- \**Baileya multiradiata* Torr. {SD 158369} DESERT MARIGOLD
- Note: Native to California but not to San Diego Co.

- Baileya pauciradiata* Harv. & A. Gray {SD 118108} SHORT-RAY DESERT MARIGOLD  
*Baileya pleniradiata* Harv. & A. Gray {SD 5791} WOOLLY MARIGOLD  
*Bebbia juncea* (Benth.) Greene var. *aspera* Greene {SD 132750} RUSH SWEETBUSH  
 \**Bellis perennis* L. {SD 235507} ENGLISH DAISY  
*Bidens frondosa* L. {SD 134703} STICKTIGHT  
*Bidens laevis* (L.) Britton et al. {SD 23625} SMOOTH BEGGAR'S TICK, BUR-MARIGOLD  
 \**Bidens pilosa* L. {SD 96999} COMMON BEGGAR'S TICK, SPANISH NEEDLES  
*Blennosperma nanum* (Hook.) S.F. Blake var. *nanum* COMMON BLENNSPERMA  
 {SD 121036}  
*Brickellia atractyloides* A. Gray var. *arguta* (B.L. Rob.) Jeps.  
 {SD 118385} [B. *arguta* Robinson var. *a*] COLORADO BRICKELLBUSH  
*Brickellia atractyloides* A. Gray var. *odontolepis* (B.L. Rob.) Jeps.  
 {SD 119086} [B. *arguta* Robinson var. *o*] PUNGENT BRICKELLBUSH  
*Brickellia californica* (Torr. & A. Gray) A. Gray CALIFORNIA BRICKELLBUSH  
 {SD 110287} [B. *c.* var. *c.*]  
*Brickellia desertorum* Coville {SD 119576} DESERT BRICKELLIA  
*Brickellia frutescens* A. Gray {SD 63317} RIGID BRICKELLBUSH  
*Brickellia* aff. *knappiana* Drew {SD 154852} KNAPP'S BRICKELLIA  
 \**Calendula arvensis* L. {SD 196684} FIELD-MARIGOLD  
*Calycoseris parryi* A. Gray {SD 120990} YELLOW TACK-STEM  
*Calycoseris wrightii* A. Gray {SD 122444} WHITE TACK-STEM  
 \**Carduus pycnocephalus* L. subsp. *pycnocephalus* {SD 128501} ITALIAN THISTLE  
 \**Carduus tenuiflorus* Curtis {SD 175315} SLENDER THISTLE  
 \**Carthamus tinctorius* L. {SD 155381} SAFFLOWER  
 \**Centaurea benedicta* (L.) L. {SD 69143} BLESSED THISTLE  
 [Cnicus benedictus L.]  
 \**Centaurea calcitrapa* L. {SD 22044} PURPLE STAR-THISTLE  
 \**Centaurea diluta* Aiton {SD 148680} PALE-FLOWER CENTAUREA  
 \**Centaurea iberica* Spreng. {SD 21860} IBERIAN STAR-THISTLE  
 \**Centaurea melitensis* L. {SD 119101} TICALOTE  
 \**Centaurea solstitialis* L. {SD 72402} YELLOW STAR-THISTLE  
 \**Centaurea stoebe* L. subsp. *micranthos* (Gugler) Hayek SPOTTED KNAPWEED  
 {SD 130544} [C. *maculosa* Lam.]  
*Centromadia parryi* (Greene) Greene subsp. *australis* (D.D. Keck) B.G. Baldwin  
 {SD 123296} SOUTHERN TARPLANT  
 [Hemizonia p. Greene subsp. *a.* D.D. Keck; H. *a.* D.D. Keck] **1B.1 S2 G4T2**  
*Centromadia pungens* (Hook. & Arn.) Greene subsp. *laevis* (D.D. Keck) B.G.  
 Baldwin {SD 152615} SMOOTH TARPLANT  
 [Hemizonia p. (Hook. & Arn.) Torr. & A. Gray, subsp. *l.* Keck; H. *l.* (Keck) Keck]  
**1B.1 S2 G3G4T2**  
 \**Centromadia pungens* (Hook. & Arn.) Greene subsp. *pungens* {SD 29215}  
 [Hemizonia p. (Hook. & Arn.) Torr. & A. Gray, subsp. *p.*] COMMON SPIKEWEED  
*Chaenactis artemisiifolia* (Harv. & A. Gray) A. Gray {SD 67517} WHITE PINCUSHION  
*Chaenactis carphoclinia* A. Gray var. *carphoclinia* {SD 16712}  
 [C. *c.* A. Gray var. *attenuata* (A. Gray) M.E. Jones] PEBBLE PINCUSHION  
*Chaenactis carphoclinia* A. Gray var. *peirsonii* (Jeps.) Munz PEIRSON'S PINCUSHION  
 {SD 24439} **1B.3 S2 G5T1**  
*Chaenactis fremontii* A. Gray {SD 122445} FREMONT PINCUSHION

- Chaenactis glabriuscula* DC. var. *glabriuscula* YELLOW PINCUSHION  
 {SD 80648, 118479} [C. g. var. *curta* (A. Gray) Jeps., var. *tenuifolia* (Nutt.)  
 H.M. Hall]
- Chaenactis glabriuscula* DC. var. *lanosa* (DC.) H.M. Hall WOOLLY PINCUSHION  
 {SD 11368}
- Chaenactis glabriuscula* DC. var. *orcuttiana* (Greene) H.M. Hall  
 {SD 43442} **1B.1 S1 G5T1** ORCUTT'S PINCUSHION
- Chaenactis parishii* A. Gray {SD 118408, 118662} PARISH'S PINCUSHION  
**1B.3 S2.3 G3**
- Chaenactis stevioides* Hook. & Arn. {SD 118102} DESERT PINCUSHION  
 [C. s. var. s.]
- Chaenactis xantiana* A. Gray {SJSU 14643} FLESHCOLOR PINCUSHION  
 Note: Species out of range and specimen locality or identification suspect.
- Chloracantha spinosa* (Benth.) G.L. Nesom var. *spinosa* MEXICAN DEVIL-WEED  
 {SD 85762} [Aster *spinosa* Benth.]
- \**Chrysothamnus monilifera* (L.) T. Norl. subsp. *monilifera* BITOU BUSH  
 {SD 129811}
- Chrysothamnus viscidiflorus* (Hook.) Nutt. subsp. *puberulus* (D.C. Eaton) H.M.  
 Hall & Clem. {SD 179435} STICKY-LEAF RABBITBUSH
- \**Cichorium intybus* L. {SD 21872} MEDITERRANEAN CHICORY
- Cirsium occidentale* (Nutt.) Jeps. var. *californicum* (A. Gray) D.J. Keil & C.E.  
 Turner {SD 83797} [C. *californicum* A. Gray] CALIFORNIA THISTLE
- Cirsium occidentale* (Nutt.) Jeps. var. *occidentale* {SD 30685} COBWEBBY THISTLE
- \**Cirsium ochrocentrum* A. Gray var. *ochrocentrum* YELLOW-SPINE THISTLE  
 {SD 72401}
- Cirsium scariosum* Nutt. var. *americanum* (A. Gray) D. J. Keil  
 {SD 106615} [C. *tioganum* (Congdon) Petrak.] BIRD'S-NEST THISTLE, ELK THISTLE
- Cirsium scariosum* Nutt. var. *citrinum* (Petr.) D.J. Keil LA GRACIOSA THISTLE  
 {SD 27656}
- \**Cirsium undulatum* (Nutt.) Spreng. {SD 15834} WAVY-LEAF THISTLE
- \**Cirsium vulgare* (Savi) Ten. {SD 54867} BULL THISTLE
- \**Coreopsis tinctoria* Nutt. {SD 160826} CALLIOPSIS
- Corethrogyne filaginifolia* (Hook. & Arn.) Nutt. var. *filaginifolia* {SD 114999}  
 [Lessingia f. (Hook. & Arn.) M.A. Lane var. f.; L. f. (Hook. & Arn.) M.A. Lane var.  
 californica (DC.) M.A. Lane] CALIFORNIA SAND-ASTER
- §§† *Corethrogyne filaginifolia* (Hook. & Arn.) Nutt. var. *incana* (Lindl.) M.L.  
 Canby {SD 11596} [Lessingia f. (Hook. & Arn.) M.A. Lane] Note: We elected  
 to recognize this var. of C. f., not recognized in Jepson II, based on observed  
 morphological differences. **1B.1 S1 G4T1** SAN DIEGO SAND-ASTER
- §§† *Corethrogyne filaginifolia* (Hook. & Arn.) Nutt. var. *linifolia* H.M. Hall  
 {SD 110423} [Lessingia f. (Hook. & Arn.) M.A. Lane] Note: We elected  
 to recognize this var. of C. f., not recognized in Jepson II, based on observed  
 morphological differences. **1B.1 S1 G4T1** DEL MAR MESA SAND-ASTER
- \**Cotula australis* (Spreng.) Hook. f. {SD 118399} AUSTRALIAN BRASS-BUTTONS
- \**Cotula coronopifolia* L. {SD 132908} AFRICAN BRASS-BUTTONS
- \**Cynara cardunculus* L. subsp. *cardunculus* {SD 162005} ARTICHOKE  
 [C. *scolymus* L.]
- \**Cynara cardunculus* L. subsp. *flavescens* Wiklund ARTICHOKE THISTLE, CARDOON  
 {SD 86549} [C. *cardunculus* L.]

- Deinandra conjugens* (D.D. Keck) B.G. Baldwin {SD 117837} OTAY TARPLANT  
[Hemizonia c. D.D. Keck] **1B.1 S1.1 G1 CE FT**
- Deinandra fasciculata* (DC.) Greene {SD 124553} FASCICLED TARWEED  
[Hemizonia f. (DC.) Torr. & A. Gray]
- Deinandra floribunda* (A. Gray) Davidson & Moxley TECATE TARPLANT  
{SD 102750} [Hemizonia f. A. Gray] **1B.2 S2.2 G3**
- Deinandra kelloggii* (Greene) Greene {SD 139770} KELLOGG TARPLANT  
[Hemizonia k. Greene]
- Deinandra mohavensis* (D.D. Keck) B.G. Baldwin MOHAVE TARPLANT  
{SD 142804} [Hemizonia m. D.D. Keck] **1B.3 S2S3 G2G3 CE**
- Deinandra paniculata* (A. Gray) Davidson & Moxley SAN DIEGO TARPLANT  
{SD 122988} [Hemizonia p. A. Gray] **4.2 S3.2 G3G4**
- \**Delairea odorata* Lem. {SD 132749} GERMAN-IVY  
[Senecio mikanioides Walp.]
- Dicoria canescens* A. Gray {SD 122447} DESERT DICORIA  
[D. c. subsp. c.]
- Dieteria asteroides* Torr. var. *asteroides* {SD 178762} TYPICAL MOUNTAIN ASTER
- §*Dieteria asteroides* Torr. var. *lagunensis* (D.D. Keck) D.R. Morgan & R.L. Hartm.  
{SD 101098} LAGUNA MOUNTAIN ASTER  
[Machaeranthera l. D.D. Keck, M. asteroides (Torr.) Greene var. l. (D.D. Keck)  
B. Turner] **2B.1 S1 G5T2T3Q CR**
- Dieteria canescens* (Pursh) Nutt. var. *canescens* {SD 217567} ASH-COLOR ASTER  
[Machaeranthera tephrodes (A. Gray) Greene, M. c. (Pursh) A. Gray var. c.]
- Dieteria canescens* (Pursh) Nutt. aff. var. *leucanthemifolia* (Greene) D.R. Morgan  
& R.L. Hartm. {SD 212755} WHITE-LEAF ASTER  
[Machaeranthera canescens (Pursh) A. Gray var. l. (Greene) S.L. Welsh]
- \**Dimorphotheca ecklonis* DC. {SD 175760} UPRIGHT AFRICAN DAISY  
[Osteospermum e. (DC.) Norl.]
- \**Dimorphotheca fruticosa* (L.) DC. {SD 154854} TRAILING AFRICAN DAISY  
[Osteospermum fruticosum (L.) Norl.]
- \**Dimorphotheca sinuata* DC. {SD 62559} BLUE-EYE CAPE-MARIGOLD
- \**Dittrichia graveolens* (L.) Greuter {SD 154106} STINKWORT
- Eclipta prostrata* (L.) L. {SD 108221} FALSE-DAISY
- Encelia actoni* Elmer {SD 108217} ACTON'S ENCELIA  
[E. virginensis A. Nelson subsp. actoni (Elmer) D.D. Keck]
- Encelia californica* Nutt. {SD 130543} CALIFORNIA ENCELIA
- †*Encelia californica* x *E. farinosa* {SD 155843}
- Encelia farinosa* Torr. var. *farinosa* {SD 96004} BRITTLEBUSH, INCIENSO  
Note: Vars. recognized because of morphologic and geographic separation.
- †*Encelia farinosa* Torr. var. *phenicodonta* (Blake) Jtn. PURPLE-EYE INCIENSO  
{SD 122448} Note: Var. phenicodonta with brown disk flowers is found in low  
desert habitats in our region.
- Encelia frutescens* (A. Gray) A. Gray subsp. *frutescens* RAYLESS ENCELIA  
{SD 128218}
- Ericameria brachylepis* (A. Gray) H.M. Hall {SD 75751} BOUNDARY GOLDENBUSH
- §§*Ericameria cuneata* (A. Gray) McClatchie var. *macrocephala* Urbatsch  
{SD 103351} **1B.3 S2.3 G5T2** LAGUNA MOUNTAIN GOLDENBUSH
- Ericameria cuneata* (A. Gray) McClatchie var. *spathulata* (A. Gray) H.M. Hall  
{SD 118645} WEDGE-LEAF GOLDENBUSH

- Ericameria linearifolia* (DC.) Urbatsch & Wussow INTERIOR GOLDENBUSH  
{SD 119034}
- Ericameria nauseosa* (Pursh) G.L. Nesom & G.I. Baird var. *bernardina* (H.M. Hall)  
G.L. Nesom & G.I. Baird {SD 128630} SAN BERNARDINO RUBBER RABBITBRUSH  
[Chrysothamnus n. (Pursh) Britton subsp. b. (H.M. Hall) H.M. Hall & Clem.]
- Ericameria nauseosa* (Pursh) G.L. Nesom & G.I. Baird var. *oreophila* (A. Nelson)  
G.L. Nesom & G.I. Baird {SD 131195} RUBBER RABBITBRUSH  
[Chrysothamnus n. (Pursh) Britton subsp. consimilis (Greene) H.M. Hall & Clem.]
- Ericameria palmeri* (A. Gray) H.M. Hall var. *pachylepis* (H.M. Hall) G.L. Nesom  
{SD 178071} THICKBRACKETED GOLDENBUSH
- Ericameria palmeri* (A. Gray) H.M. Hall var. *palmeri* PALMER'S GOLDENBUSH  
{SD 85800} **1B.1 S1 G4T2T3**
- Ericameria paniculata* (A. Gray) Rydb. BLACK-BANDED RABBITBRUSH  
{SD 122446} [Chrysothamnus paniculatus (A. Gray) H.M. Hall]
- Ericameria parishii* (Greene) H.M. Hall var. *parishii* PARISH'S GOLDENBUSH  
{SD 65809} [E. arborescens (A. Gray) Greene subsp. parishii (Greene) Urbatsch]
- Ericameria pinifolia* (A. Gray) H.M. Hall PINE GOLDENBUSH  
{SD 127545} Note: Possibly synonymous with E. ericoides (Less.) Jeps.
- Ericameria teretifolia* (Durand & Hilg.) Jeps. GREEN RABBITBRUSH  
{SD 174004} [Chrysothamnus t. (Durand & Hilg.) H.M. Hall]
- \**Erigeron bonariensis* L. {SD 53638} FLAX-LEAF FLEABANE  
[Conyza b. (L.) Cronquist]
- Erigeron breweri* A. Gray var. *covillei* (Greene) G.L. Nesom COVILLE'S FLEABANE  
{SD 168626}
- Erigeron canadensis* L. {SD 106598} HORSEWEED  
[Conyza c. (L.) Cronquist]
- Erigeron divergens* Torr. & A. Gray {SD 118663} DIFFUSE DAISY
- Erigeron foliosus* Nutt. var. *foliosus* {SD 103336, 114998} LEAFY DAISY  
[E. f. var. stenophyllus (Nutt.) A. Gray]
- Erigeron philadelphicus* L. var. *philadelphicus* {SD 5439} PHILADELPHIA DAISY
- \**Erigeron sumatrensis* Retz. {SD 136662} ASTHMAWEED  
[Conyza s. (Retz.) E. Walker; C. floribunda Kunth; C. bilbaoana J. Rémy, misappl.]
- Eriophyllum ambiguum* (A. Gray) A. Gray var. *paleaceum* (Brandege) Ferris  
{SD 118675} BEAUTIFUL WOOLLY SUNFLOWER
- Eriophyllum confertiflorum* (DC.) A. Gray var. *confertiflorum* {SD 32564,  
120984} LONG-STEM GOLDEN-YARROW  
[E. c. var. laxiflorum A. Gray]
- Eriophyllum lanosum* (A. Gray) A. Gray {SD 115589} WOOLLY FROCKS
- Eriophyllum multicaule* (DC.) A. Gray {SD 112727} MANY-STEM WOOLLY DAISY
- Eriophyllum pringlei* A. Gray {SD 122450} PRINGLE'S WOOLLY DAISY
- \**Eriophyllum staechadifolium* Lag. {SD 154684} SEASIDE WOOLLY SUNFLOWER  
Note: Native to California but not to San Diego Co.
- §§†*Eriophyllum wallacei* (A. Gray) A. Gray var. *rubellum* (A. Gray) A. Gray  
{SD 118132} WALLACE'S WHITE WOOLLY DAISY  
Note: This taxon differs from var. wallacei by having white to pink rays and a localized distribution in east-central San Diego County.
- Eriophyllum wallacei* (A. Gray) A. Gray var. *wallacei* WALLACE'S WOOLLY DAISY  
{SD 122451}

- Euthamia occidentalis* Nutt. {SD 25971} WESTERN GOLDENROD  
 [Solidago o. (Nutt.) Torr. & A. Gray]
- \* *Flaveria trinervis* (Spreng.) C. Mohr {SD 110311} CLUSTERED YELLOWTOPS
- \*† *Gaillardia aristata* Pursh {SD 179432} COMMON GAILLARDIA
- \* *Galinsoga parviflora* Cav. var. *parviflora* {SD 22566} SMALL-FLOWER GALINSOGA
- \* *Gamochaeta calviceps* (Fernald) Cabrera {UCR 155111} GRAY CUDWEED
- \* *Gamochaeta pensylvanica* (Willd.) Cabrera {SD 29112} PURPLE CUDWEED  
 [Gnaphalium purpureum L., previously misappl. to CA plants]
- Gamochaeta stagnalis* (I.M. Johnst.) Anderb. {SD 160706} DESERT CUDWEED
- Gamochaeta ustulata* (Nutt.) Holub {SD 227143} PACIFIC CUDWEED  
 [Gnaphalium purpureum L., previously misappl. to CA plants]
- \* *Gazania linearis* (Thunb.) Druce {SD 132816} TREASURE FLOWER  
 [G. longiscapa DC.]
- Geraea canescens* Torr. & A. Gray {SD 119645} DESERT SUNFLOWER
- Geraea viscida* (A. Gray) S.F. Blake {SD 83805} STICKY GERAEA
- 2B.3 S2.3? G3**
- \* *Glebionis coronaria* (L.) Spach {SD 72412} GARLAND/CROWN DAISY  
 [Chrysanthemum coronarium L.]
- \* *Glebionis segetum* (L.) Fourr. {SD 161065} CORN CHRYSANTHEMUM  
 [Chrysanthemum segetum L.]
- Gnaphalium palustre* Nutt. {SD 70927} LOWLAND CUDWEED
- Grindelia camporum* Greene {SD 86081} GUMPLANT  
 [G. c. var. bracteosa (J.T. Howell) M.A. Lane; G. hirsutula Hook. & Arn. var. davyi (Jeps.) M.A. Lane]
- §§ *Grindelia hallii* Steyererm. {SD 106667} SAN DIEGO GUMPLANT  
 [Grindelia hirsutula Hook. & Arn. var. hallii (Steyererm.) M.A. Lane] **1B.2 S2.2 G2**
- \*† *Guizotia abyssinica* (L. f.) Cass. {SD 58922} RAMTILLA
- Gutierrezia californica* (DC.) Torr. & A. Gray {SD 20087} CALIFORNIA MATCHWEED
- Gutierrezia microcephala* (DC.) A. Gray {SD 120631} STICKY SNAKEWEED
- Gutierrezia sarothrae* (Pursh) Britton & Rusby {SD 106827} BROOM MATCHWEED/SNAKEWEED
- \*† *Hazardia berberidis* (A. Gray) Greene {SD 225140} BARBERRY-LEAF GOLDENBUSH  
 Note: It is uncertain whether this species is of native origin or not in our area.
- Hazardia orcuttii* (A. Gray) Greene {SD 103905} ORCUTT'S GOLDENBUSH
- 1B.1 S1 G1 CT FC**
- Hazardia squarrosa* (Hook. & Arn.) Greene var. *grindeloides* (DC.) W.D. {SD 106825} [H. s. subsp. g.] SOUTHERN SAWTOOTH GOLDENBUSH
- Hazardia squarrosa* (Hook. & Arn.) Greene aff. var. *squarrosa* {SD 161060} SAWTOOTH GOLDENBUSH
- Note: Some specimens near Del Mar better match this variety; needs further study.
- \* *Hedypnois cretica* (L.) Dum. Cours. {SD 128754} CRETE HEDYPTIS
- Helenium puberulum* DC. {SD 114750} ROSILLA
- Helianthella californica* A. Gray var. *nevadensis* (Greene) Jeps. {SD 137391} [H. c. subsp. n. (Greene) W.A. Weber] NEVADA HELIANTHELLA
- Helianthus annuus* L. {SD 124552} [H. a. subsp. lenticularis (Douglas) Cockerell] WESTERN SUNFLOWER
- Helianthus californicus* DC. {SD 23188} CALIFORNIA SUNFLOWER
- \* *Helianthus ciliaris* DC. {SD 26012} BLUEWEED
- Helianthus gracilentus* A. Gray {SD 67523} SLENDER SUNFLOWER



- Helianthus niveus* (Benth.) Brandege subsp. *tephrodes* (A. Gray) Heiser  
 {SD 153421} **1B.2 S2 G4T2 CE** ALGODONES DUNES SUNFLOWER
- Helianthus petiolaris* Nutt. subsp. *canescens* (A. Gray) D.J. Keil GRAY SUNFLOWER  
 {SD 118579} [H. *niveus* subsp. c. A. Gray]
- \**Helminthotheca echioides* (L.) Holub {SD 136434} BRISTLY OX-TONGUE  
 [Picris *echioides* L.]
- Hemizonella minima* (A. Gray) A. Gray {SD 121568} SMALL MADIA  
 [Madia *minima* (A. Gray) Keck]
- Hesperevax acaulis* (Kellogg) Greene var. *ambusticola* Morefield FIRE EVAX  
 {SD 138929}
- \**Hesperevax caulescens* (Benth.) A. Gray {SD 24309} HOGWALLOW STARFISH  
 [Evax c. (Benth.) A. Gray] Note: Native to California but not to San Diego Co. **4.2 S3.2 G3**
- Hesperevax sparsiflora* (A. Gray) Greene var. *sparsiflora* ERECT EVAX  
 {SD 15030} [Evax s. (A. Gray) Jeps.]
- Heterotheca grandiflora* Nutt. {SD 53612} TELEGRAPH WEED
- Heterotheca sessiliflora* (Nutt.) Shinners subsp. *echioides* (Benth.) Semple  
 {SD 160832} BRISTLY GOLDENASTER  
 [Chrysopsis *villosa* (Pursh) Nutt. var. e. (Benth.) A. Gray]
- Heterotheca sessiliflora* (Nutt.) Shinners subsp. *fastigiata* (Greene) Semple  
 {SD 162451} HAIRY GOLDENASTER  
 [Chrysopsis *villosa* (Pursh) Nutt. var. f. (Greene) H. M. Hall] Note: Jepson II cites that plants (more glandular, less hairy) may be treated as *Heterotheca sessiliflora* var. *sanjacintensis* Semple.
- Heterotheca sessiliflora* (Nutt.) Shinners subsp. *sessiliflora* FALSE GOLDENASTER  
 {SD 134534} [Chrysopsis *villosa* (Pursh) Nutt. var. s.] **1B.1 S2.1? G4T2T3**
- Hieracium albiflorum* Hook. {SD 141372} WHITE HAWKWEED
- Hieracium argutum* Nutt. {SD 106657} SOUTHERN HAWKWEED  
 [H. a. var. *parishii* (A. Gray) Jeps.]
- Holocarpa virgata* (A. Gray) D.D. Keck subsp. *elongata* D.D. Keck  
 {SD 80530} **4.2 S3.2 G5T3** GRACEFUL TARPLANT
- §§*Hulsea californica* Torr. & A. Gray SAN DIEGO HULSEA  
 {SD 115014} **1B.3 S2.1 G2** Note: One specimen cited from San Bernardino Co. cannot be reliably determined and is likely misidentified.
- Hulsea heterochroma* A. Gray {SD 106924} GREAT HULSEA
- Hulsea mexicana* Rydb. {SD 139752} MEXICAN HULSEA  
**2B.3 S1 G3G4**
- Hulsea vestita* A. Gray subsp. *callicarpa* (H.M. Hall) Wilken BEAUTIFUL HULSEA  
 {SD 122504} **4.2 S3.2 G5T3**
- Hymenopappus filifolius* Hook. var. *lugens* (Greene) Jeps. PINE CUTLEAF  
 {SD 141427}
- Hymenothrix wrightii* A. Gray {SD 121034} WRIGHT'S HYMENOTHRIX  
**4.3 S3.3 G5**
- \**Hypochoeris glabra* L. {SD 85392} SMOOTH CAT'S EAR  
 [Hypochoeris g.]
- \**Hypochoeris radicata* L. {SD 96106} HAIRY CAT'S EAR  
 [Hypochoeris r.]
- \*†*Ismelia carinata* (Schousb.) Sch. Bip. TRICOLOR CHRYSANTHEMUM  
 {SD 15018} [Chrysanthemum *carinatum* Schousb.]

- Isocoma acradenia* (Greene) Greene var. *acradenia* ALKALI GOLDENBUSH  
{SD 118933}
- Isocoma acradenia* (Greene) Greene var. *bracteosa* (Greene) G.L. Nesom  
{SD 225141} BRACTED ALKALI GOLDENBUSH
- Isocoma acradenia* (Greene) Greene var. *eremophila* (Greene) G.L. Nesom  
{SD 118614} DESERT ALKALI GOLDENBUSH
- Isocoma menziesii* (Hook. & Arn.) G.L. Nesom var. *decumbens* (Greene) G.L.  
Nesom {SD 164297, 97892} **1B.2 S2.2 G3G5T2T3** DECUMBENT GOLDENBUSH
- Isocoma menziesii* (Hook. & Arn.) G.L. Nesom var. *menziesii*  
{SD 80460, 80829, 123268} SPREADING GOLDENBUSH  
[*I. veneta* (Kunth.) Greene var. *furfuracea* (Greene) R.M. Beauch., var. *oxyphylla*  
(Greene) R.M. Beauch.]
- Isocoma menziesii* (Hook. & Arn.) G.L. Nesom var. *sedoides* (Greene) G.L. Nesom  
{SD 112607} SAN DIEGO GOLDENBUSH
- Isocoma menziesii* (Hook. & Arn.) G.L. Nesom var. *vernonioides* (Nutt.) G.L.  
Nesom {SD 136244} COASTAL GOLDENBUSH
- Iva axillaris* Pursh {SD 28309} POVERTY WEED  
[*I. a.* subsp. *robustior* (Hook.) Bassett]
- Iva hayesiana* A. Gray {SD 83507} SAN DIEGO MARSH-ELDER  
**2B.2 S2.2? G3?**
- Jaumea carnosa* (Less.) A. Gray {SD 83792} SALTY SUSAN, FLESHY JAUMEA
- \**Lactuca serriola* L. {SD 29170, 53606} PRICKLY LETTUCE
- \**Lactuca virosa* L. {SD 214621} BITTER LETTUCE
- Laennecia coulteri* (A. Gray) G.L. Nesom COULTER'S FLEABANE  
{SD 23094} [*Conyza coulteri* A. Gray]
- Lagophylla ramosissima* Nutt. COMMON HARELEAF  
{SD 121033} [*L. r.* subsp. *r.*]
- Lasthenia coronaria* (Nutt.) Ornduff {SD 85593} SOUTHERN GOLDFIELDS
- Lasthenia glaberrima* DC. {SD 106910} SMOOTH GOLDFIELDS  
Note: San Diego Co. specimens previously misidentified as *L. microglossa* (A. DC.)  
Greene.
- Lasthenia glabrata* Lindl. subsp. *coulteri* (A. Gray) Ornd. COULTER'S SALT-MARSH DAISY  
{SD 70323} **1B.1 S2.1 G4T3**
- Lasthenia gracilis* (DC.) Greene COMMON GOLDFIELDS  
{SD 111959} [*L. californica* Lindley, misappl.]
- Layia glandulosa* (Hook.) Hook. & Arn. WHITE LAYIA  
{SD 118492} [*L. g.* subsp. *g.*]
- Layia platyglossa* (Fisch. & C.A. Mey.) A. Gray {SD 120570} TIDY TIPS  
[*L. p.* subsp. *campestris* Keck]
- \*†*Leontodon saxatilis* Lam. subsp. *saxatilis* {SD 148679} HAIRY HAWKBIT
- Lepidoptartum squamatum* (A. Gray) A. Gray {SD 5870} SCALE-BROOM
- Leptosyne bigelovii* (A. Gray) A. Gray {UC 486380} BIGELOW'S COREOPSIS  
[*Coreopsis bigelovii* (A. Gray) Voss]
- Leptosyne californica* Nutt. {SD 119074} CALIFORNIA COREOPSIS  
[*Coreopsis c.* (Nutt.) H. Sharsm. var. *c.*]
- Leptosyne douglasii* DC. {UCR 23835} DOUGLAS'S COREOPSIS  
[*Coreopsis douglasii* (DC.) H.M. Hall]
- \**Leptosyne gigantea* Kellogg {SD 86551} GIANT SEA-DAHLIA  
[*Coreopsis g.* (Kellogg) H.M. Hall] Note: Native to Calif. but not to San Diego Co.

- Leptosyne maritima* (Nutt.) A. Gray SAN DIEGO SEA-DAHLIA  
{SD 128783} [Coreopsis m. (Nutt.) Hook.f. **2B.2 S2.2 G3**
- Lessingia glandulifera* A. Gray var. *glandulifera* {SD 130900} VALLEY LESSINGIA  
§§*Lessingia glandulifera* A. Gray var. *tomentosa* (Greene) Ferris  
{SD 122732} **1B.3 S2.3 G4?T2** RANCHITA LESSINGIA  
\**Leucanthemum vulgare* Lam. OX-EYE DAISY  
{SD 44969} [Chrysanthemum leucanthemum L.]
- Logfia arizonica* (A. Gray) Holub ARIZONA COTTONROSE  
{SD 11170} [Filago a. A. Gray]
- Logfia depressa* (A. Gray) Holub DWARF COTTONROSE  
{SD 28690} [Filago d. A. Gray]
- Logfia filaginoides* (Hook. & Arn.) Morefield CALIFORNIA COTTONROSE  
{SD 58940} [Filago californica Nutt.]
- \**Logfia gallica* (L.) Coss. & Germ. NARROW-LEAF COTTONROSE  
{SD 27289} [Filago g. L.]
- Madia elegans* D. Don ELEGANT MADIA  
{SD 85718} [M. e. subsp. e.]
- Madia exigua* (Sm.) A. Gray {SD 77918} PYGMY/THREADSTEM MADIA
- Madia gracilis* (Sm.) Applegate SLENDER MADIA  
{SD 70879} [M. g. subsp. g.]
- Madia sativa* Molina {SD 123457} COAST MADIA
- Malacothrix californica* DC. DESERT DANDELION  
{SD 118369} [M. c. var. c.]
- Malacothrix clevelandii* A. Gray {SD 114769} CLEVELAND'S MALACOTHRIX
- Malacothrix coulteri* Harv. & A. Gray SNAKE'S HEAD  
{SD 234212} [M. c. var. cognata Jeps.]
- Malacothrix glabrata* (D.C. Eaton) A. Gray SMOOTH DESERT DANDELION  
{SD 131190} [M. californica DC. var. g. D.C. Eaton]
- Malacothrix saxatilis* (Nutt.) Torr. & A. Gray var. *tenuifolia* (Nutt.) A. Gray CLIFF MALACOTHRIX  
{SD 112636}
- Malacothrix stebbinsii* W.S. Davis & P.H. Raven STEBBINS'S MALACOTHRIX  
{SD 134517}
- Malperia tenuis* S. Watson BROWN TURBANS  
{SD 133345} **2B.3 S2 G4?**
- \**Matricaria discoidea* DC. {SD 119070} COMMON PINEAPPLE-WEED  
[Chamomilla suaveolens (Pursh) Rydb.; M. matricarioides (Less.) Porter, misappl.]
- Matricaria occidentalis* Greene WESTERN PINEAPPLE-WEED  
{SD 17395} [Chamomilla occidentalis (Greene) Rydb.]
- Micropus californicus* Fisch. & C.A. Mey. var. *californicus* SLENDER COTTONWEED  
{SD 85818}
- Microseris douglasii* (DC.) Sch. Bip. subsp. *platycarpha* (A. Gray) K.L. Chambers SMALL-FLOWER MICROSERIS  
{SD 39004} **4.2 S3.2 G4T3**
- Microseris elegans* A. Gray {SD 39007} ELEGANT MICROSERIS
- Monoptilon bellioides* (A. Gray) H.M. Hall {SD 119639} MOHAVE DESERT STAR
- \**Oncosiphon piluliferum* (L. f.) Källersjö {SD 152402} STINKNET
- Osmadenia tenella* Nutt. OSMADENIA  
{SD 119117} [Calycadenia t. (Nutt.) Torr. & A. Gray]

- \*† *Osteospermum monstrosum* (Burm.f.) J.C. Manning & Goldblatt STINKING ROGER  
 {SD 234202} [Monoculus m. (Burm f.) B. Nord.; *O. clandestinum* (Less.) Norl.;  
*Tripteris clandestina* Less.]
- § *Packera ganderi* (T.M. Barkley & R.M. Beauch.) W.A. Weber & Á. Löve  
 {SD 131187} GANDER'S/SAN DIEGO BUTTERWEED  
 [Senecio g. T.M. Barkley & R.M. Beauch.] **1B.2 S2.2 G2 CR**
- Palafoxia arida* B.L. Turner & M.I. Morris var. *arida* DESERT SPANISH-NEEDLE  
 {SD 122459}
- Pectis papposa* Harv. & A. Gray var. *papposa* {SD 124299} CHINCH WEED
- Pentachaeta aurea* Nutt. subsp. *aurea* GOLDEN-RAY PENTACHAETA  
 {SD 106561} [Chaetopappa a. (Nutt.) Keck] **4.2 S3 G4T3**
- Perityle emoryi* Torr. {SD 80437} EMORY'S ROCK DAISY
- Peucephyllum schottii* A. Gray {SD 119041} PIGMY-CEDAR
- Pleurocoronis plurisetata* (A. Gray) R.M. King & H. Rob. DESERT ARROW-LEAF  
 {SD 83414}
- Pluchea odorata* (L.) Cass. var. *odorata* {SD 104295} SALT MARSH FLEABANE
- Pluchea sericea* (Nutt.) Coville ARROW WEED  
 {SD 37582} [Tessaria s. (Nutt.) Shinners]
- Porophyllum gracile* Benth. {SD 128550} ODORA
- Prenanthea exigua* (A. Gray) Rydb. {SD 133343} EGBERTIA
- Psathyrotes ramosissima* (Torr.) A. Gray {SD 115738} TURTLEBACK
- Pseudognaphalium beneolens* (Davidson) Anderb. FRAGRANT EVERLASTING  
 {SD 122979} [*Gnaphalium canescens* DC. subsp. *beneolens* (Davidson) Stebb.  
 & Keil; G. b. Davidson] Note: Treated as a subsp. of *P. canescens* in some recent  
 works.
- Pseudognaphalium biolettii* Anderb. BICOLOR CUDWEED  
 {SD 127826} [*Gnaphalium bicolor* Bioletti]
- Pseudognaphalium californicum* (DC.) Anderb. CALIFORNIA EVERLASTING  
 {SD 126704} [*Gnaphalium californicum* DC.]
- Pseudognaphalium canescens* (DC.) Anderb. EVERLASTING CUDWEED  
 {SD 140472} [*Gnaphalium canescens* DC. subsp. c.]
- Pseudognaphalium leucocephalum* (A. Gray) Anderb. WHITE-HEAD CUDWEED  
 {SD 122980} [*Gnaphalium leucocephalum* A. Gray] **2B.2 S2S3.2 G4**
- \* *Pseudognaphalium luteoalbum* (L.) Hilliard & B.L. Burt  
 {SD 112738} [*Gnaphalium luteo-album* L.] FRAGRANT EVERLASTING CUDWEED
- Pseudognaphalium microcephalum* (Nutt.) Anderb. WHITE EVERLASTING  
 {SD 83624} [*Gnaphalium canescens* DC. subsp. *microcephalum* (Nutt.) Stebb. &  
 Keil; G. m. Nutt.] Note: Treated as a subsp. of *P. canescens* in some recent works.
- Pseudognaphalium ramosissimum* (Nutt.) Anderb. PINK EVERLASTING  
 {SD 12154} [*Gnaphalium ramosissimum* Nutt.]
- Pseudognaphalium roseum* (Kunth) Anderb. ROSY RABBIT-TOBACCO  
 {SD 183092} [*Gnaphalium roseum* Kunth]
- Pseudognaphalium stramineum* (Kunth) Anderb. COTTON-BATTING PLANT  
 {SD 80596} [*Gnaphalium stramineum* Kunth]
- Pseudognaphalium thermale* (E.E. Nelson) G.L. Nesom NORTHWESTERN RABBIT-TOBACCO  
 {UC 650468} [*Gnaphalium thermale* E.E. Nelson; *G. canescens* DC. subsp. *thermale* (E.E. Nelson)  
 Stebbins & D.J. Keil] Note: Treated as a subsp. of *P. canescens* in some recent  
 works.

- Psilocarphus brevissimus* Nutt. var. *brevissimus* {SD 85706} DWARF WOOLLY-MARBLES
- Psilocarphus tenellus* Nutt. {SD 132902} [P. t. var. t] SLENDER WOOLLY-MARBLES
- \**Pulicaria paludosa* Link {SD 154855} SPANISH FALSE-FLEABANE
- Rafinesquia californica* Nutt. {SD 115121} CALIFORNIA CHICORY
- Rafinesquia neomexicana* A. Gray {SD 118101} DESERT CHICORY
- \**Ratibida columnifera* (Nutt.) Wooton & Standl. {SD 215721} PRAIRIE CONE-FLOWER
- \**Rudbeckia hirta* L. var. *pulcherrima* Farw. {SD 154853} BLACK-EYED SUSAN
- \*†*Santolina chamaecyparissus* L. {SD 226183} COTTON-LAVENDER
- \*†*Senecio angulatus* L. f. {SD 164789} CREEPING GROUNDSEL
- Senecio aphanactis* Greene {SD 30790} 2B.2 S2 G3? CALIFORNIA GROUNDSEL
- Senecio astephanus* Greene {SD 137854} 4.3 S3 G3 SAN GABRIEL RAGWORT
- Senecio californicus* DC. {SD 83546} CALIFORNIA BUTTERWEED
- Senecio flaccidus* Less. var. *douglasii* (DC.) B.L. Turner & T.M. Barkley {SD 14088} [S. douglasii DC. var. d.] SAND-WASH BUTTERWEED
- Senecio flaccidus* Less. var. *monoensis* (Greene) B.L. Turner & T.M. Barkley {SD 124300} [S. douglasii DC. var. m. (Greene) Jeps.] MONO BUTTERWEED
- \*†*Senecio linearifolius* A. Rich. var. *linearifolius* {SD 147666} FIREWEED GROUNDSEL
- Senecio mohavensis* A. Gray {SD 122464} MOJAVE GROUNDSEL
- \*†*Senecio quadridentatus* Labill. {SD 195770} COTTON FIREWEED
- \**Senecio vulgaris* L. {SD 108741} COMMON GROUNDSEL
- \**Silybum marianum* (L.) Gaertn. {SD 11027} MILK THISTLE
- Solidago confinis* A. Gray {SD 27737} MARSH/SOUTHERN GOLDENROD
- Solidago velutina* DC. subsp. *californica* (Nutt.) Semple {SD 161820} [S. californica Nutt.] CALIFORNIA GOLDENROD
- Solidago velutina* DC. subsp. *sparsiflora* (A. Gray) Semple {SD 70960} [S. sparsiflora A. Gray] GREAT BASIN GOLDENROD
- \**Soliva sessilis* Ruiz & Pav. {SD 113050} [S. daucifolia Nutt.] COAST SOLIVA
- \**Sonchus asper* (L.) Hill subsp. *asper* {SD 135347} PRICKLY SOW-THISTLE
- \**Sonchus oleraceus* L. {SD 184239} COMMON SOW-THISTLE
- \**Sonchus tenerrimus* L. {SD 113009} SLENDER SOW-THISTLE
- Stebbinsoseris heterocarpa* (Nutt.) K.L. Chambers {SD 136630} [Microseris h. (Nutt.) Chambers] GRASSLAND STEBBINSOSERIS
- Stephanomeria cichoriacea* A. Gray {SD 152919} CHICORY-LEAF WIRELETTUCE
- Stephanomeria diegensis* Gottlieb {SD 39628} SAN DIEGO WREATH-PLANT
- Stephanomeria exigua* Nutt. subsp. *coronaria* (Greene) Gottlieb {SD 208304} WHITEPLUME WIRELETTUCE
- Stephanomeria exigua* Nutt. subsp. *deanei* (J.F. Macbr.) Gottlieb {SD 106855} DEANE'S SMALL WREATH-PLANT
- Stephanomeria exigua* Nutt. subsp. *exigua* {SD 122465} SMALL WREATH-PLANT
- Stephanomeria pauciflora* (Torr.) A. Nelson {SD 128220} FEW-FLOWER WREATH-PLANT
- Stephanomeria virgata* Benth. subsp. *pleurocarpa* (Greene) Gottlieb {SD 83074} TALL WREATH-PLANT

- Stephanomeria virgata* Benth. subsp. *virgata* VIRGATE WREATH-PLANT  
{UC 676951}
- Stylocline gnaphaloides* Nutt. {SD 17113} EVERLASTING NEST-STRAW
- Stylocline intertexta* Morefield {SD 24541} TANGLED NEST-STRAW
- Stylocline micropoides* A. Gray {SD 121170} DESERT NEST-STRAW
- Stylocline psilocarphoides* M. Peck {SD 159324} PECK NEST-STRAW
- Symphotrichum chilense* (Nees) G.L. Nesom PACIFIC ASTER  
{SD 235506} [Aster chilensis Nees]
- Symphotrichum defoliatum* (Parish) G.L. Nesom SAN BERNARDINO ASTER  
{SD 106691} [Aster bernardinus H.M. Hall] **1B.2 S2 G2**
- Symphotrichum frondosum* (Nutt.) G.L. Nesom SHORT-RAYED ALKALI ASTER  
{SD 176731} [Aster frondosus (Nutt.) Torr. & A. Gray]
- Symphotrichum lanceolatum* (Willd.) G.L. Nesom var. *hesperium* (A. Gray) G.L.  
Nesom {SD 22172} WESTERN ASTER  
[Aster hesperius A. Gray; Aster lanceolatus Willd. subsp. hesperius (A. Gray)  
Semple & Chmiel.]
- \**Symphotrichum subulatum* (Michx.) G.L. Nesom var. *elongatum* (A.G. Jones &  
Lowry) S.D. Sundb. {SD 182022} BAHAMAN ASTER
- Symphotrichum subulatum* (Michx.) G.L. Nesom var. *parviflorum* (Nees) S.D.  
Sundb. {SD 170911} SOUTHWESTERN ANNUAL SALTMARSH ASTER  
[Aster subulatus Michx. var. cubensis (DC.) Shinners; S. expansum (Spreng.) G.L.  
Nesom; S. s. var. ligulatum (Shinners) S.D. Sunb.]
- Syntrichopappus fremontii* A. Gray {UCR 201588} FREMONT'S-GOLD  
Note: Species out of range and specimen locality or identification suspect.
- \**Tagetes erecta* L. {SD 235509} MARIGOLD
- \**Tanacetum parthenium* (L.) Sch. Bip. {SD 182023} FEVERFEW
- \**Taraxacum erythrospermum* Besser RED-SEED DANDELION  
{SD 106812} [T. laevigatum (Willd.) DC., misappl.]
- \**Taraxacum officinale* F.H. Wigg. {SD 120680} COMMON DANDELION
- Tetradymia canescens* DC. {SD 130541} SPINELESS HORSEBRUSH
- Tetradymia comosa* A. Gray {SD 85864} COTTON-THORN
- \*†*Thelesperma filifolium* (Hook.) A. Gray {SD 27291} STIFF GREENTHREAD
- \**Thelesperma megapotamicum* (Spreng.) Kuntze AMERICAN NIPPLE-SEED  
{SD 72403}
- Thymophylla pentachaeta* (DC.) Small var. *belenidium* (DC.) Strother {SD 12993}  
[Dyssodia p. (DC.) B.L. Rob. var. b. (DC.) Strother] THURBER'S DYSSODIA
- \**Thymophylla tenuiloba* (DC.) Small var. *tenuiloba* DAHLBERG DAISY  
{SD 160229} [Dyssodia t. (DC.) Small var. t.]
- \**Tragopogon dubius* Scop. {SD 118659} GOAT'S BEARD
- \**Tragopogon porrifolius* L. {SD 53618} SALSIFY, OYSTER PLANT
- Trichoptilium incisum* (A. Gray) A. Gray {SD 121027} DESERT YELLOW-HEAD
- Trixis californica* Kellogg var. *californica* {SD 122467} CALIFORNIA TRIXIS
- Uropappus lindleyi* (DC.) Nutt. {SD 115415} SILVER PUFFS  
[Microseris l. (DC.) A. Gray]
- Venegasia carpesioides* DC. {SD 131185} JESUIT FLOWER
- \*†*Verbesina encelioides* (Cav.) A. Gray subsp. *encelioides* GOLDEN CROWNBEARD  
{SD 104529}
- Viguiera purisimae* Brandegeae {SD 140584} LA PURISIMA SUNFLOWER  
**2B.3 S1 G4?**

- \*†*Volutaria canariensis* Wagenitz {SD 225142} CANARY ISLAND KNAPWEED  
 \**Volutaria muricata* (L.) Maire {SD 144921} MOROCCO KNAPWEED  
 [Centaurea muricata L.; Cyanopsis muricata (L.) Dostál]  
*Wyethia ovata* Torr. & A. Gray {SD 118657} SOUTHERN MULE'S EAR  
 [Agnorhiza ovata (Torr. & A. Gray) W.A. Weber]  
*Xanthisma junceum* (Greene) D.R. Morgan & R.L. Hartm. RUSH CHAPARRAL-STAR  
 {SD 140588} [Machaeranthera juncea (Greene) Shinn.] **4.3 S3.3 G5**  
*Xanthium spinosum* L. {SD 25804} SPINY COCKLEBUR  
*Xanthium strumarium* L. {SD 118569} COCKLEBUR  
 [X. s. var. canadense (Miller) Torr. & A. Gray]  
*Xylorhiza orcuttii* (Vasey & Rose) Greene ORCUTT'S WOODY ASTER  
 {SD 113927} **1B.2 S2 G2G3**  
*Xylorhiza tortifolia* (Torr. & A. Gray) Greene var. *tortifolia* MOHAVE WOODY ASTER  
 {UC 486382} Note: Species out of range; locality may be suspect.  
 \*†*Youngia japonica* (L.) DC. {SD 235510} ORIENTAL FALSE HAWKSBEARD  
 [Crepis japonica (L.) Benth.]  
 \*†*Zinnia elegans* Jacq. {SD 161995} COMMON ZINNIA

**BATACEAE – Saltwort Family**

- Batis maritima* L. {SD 83510} SALTWORT, BEACHWORT

**BERBERIDACEAE – Barberry Family**

- Berberis aquifolium* Pursh var. *dictyota* (Jeps.) Jeps. CALIFORNIA BARBERRY  
 {SD 113286} [Species recognized in FNA, vol. 3 as B. dictyota Jeps.; Mahonia  
 dictyota (Jeps.) Fedde]  
*Berberis aquifolium* Pursh var. *repens* (Lindl.) Scoggan DULL-LEAF BARBERRY  
 {SD 114993} [Mahonia amplexens (Eastw.) Wheeler]  
*Berberis higginsiae* Munz {SD 43982} SAN DIEGO BARBERRY  
 [Mahonia higginsiae (Munz) Ahrendt] Note: CNPS Inventory listing pending.  
*Berberis nevini* A. Gray {SD 102752} NEVIN'S BARBERRY  
 [Mahonia n. (A. Gray) Fedde] **1B.1 S1 G1 CE FE**  
*Berberis pinnata* Lag. subsp. *pinnata* {SD 121162} SHINY-LEAF BARBERRY  
 [Mahonia p. (Lag.) Fedde subsp. p.]

**BETULACEAE – Birch Family**

- Alnus rhombifolia* Nutt. {SD 43691} WHITE ALDER

**BIGNONIACEAE – Bignonia Family**

- \**Catalpa speciosa* (Warder) Engelm. {SD 157639} NORTHERN CATALPA  
*Chilopsis linearis* (Cav.) Sweet subsp. *arcuata* (Fosb.) Henrickson DESERT-WILLOW  
 {SD 130546}  
 \*†*Jacaranda mimosifolia* D. Don {SD 152401} JACARANDA  
 \*†*Tecoma capensis* (Thunb.) Lindl. {SD 168898} CAPE HONEYSUCKLE  
 [Tecomaria capensis (Thunb.) Spach]

**BORAGINACEAE – Borage Family**

- Amsinckia douglasiana* A. DC. {RSA 499904} DOUGLAS' FIDDLENECK  
*Amsinckia eastwoodiae* J.F. Macbr. {SD 85899} LARGE-FLOWER FIDDLENECK

- Amsinckia intermedia* Fisch. & C.A. Mey. {SD 26340} RANCHER'S FIDDLENECK  
[*A. menziesii* (Lehm.) A. Nelson & J.F. Macbr. var. *i.* (Fisch. & C.A. Mey.) Ganders,  
ined.]
- Amsinckia lycopsoides* Lehm. {SD 49869} TARWEED FIDDLENECK
- Amsinckia menziesii* (Lehm.) A. Nelson & J.F. Macbr. RIGID FIDDLENECK  
{SD 168436}
- †*Amsinckia retrorsa* Suksd. {SD 24416} HARVEST FIDDLENECK
- Amsinckia spectabilis* Fisch. & C.A. Mey. var. *spectabilis* SEASIDE FIDDLENECK  
{SD 41403}
- Amsinckia tessellata* A. Gray var. *tessellata* {SD 118146} CHECKER FIDDLENECK
- \**Borago officinalis* L. {SD 58959} COMMON BORAGE
- Cryptantha affinis* (A. Gray) Greene {SD 73480} COMMON CRYPTANTHA
- Cryptantha barbiger* (A. Gray) Greene var. *barbiger* BEARDED CRYPTANTHA  
{SD 115692}
- Cryptantha barbiger* (A. Gray) Greene var. *fergusoniae* J.F. Macbr.  
{SD 118115} FERGUSON'S BEARDED CRYPTANTHA
- Cryptantha clevelandii* Greene var. *clevelandii* CLEVELAND'S CRYPTANTHA  
{SD 80479}
- Cryptantha clevelandii* Greene var. *florosa* I.M. Johnst.  
{SD 39176} LARGE-FLOWER CLEVELAND'S CRYPTANTHA
- Cryptantha decipiens* (M.E. Jones) A. Heller {SD 122427} GRAVEL CRYPTANTHA
- Cryptantha flaccida* (Lehm.) Greene {SD 115149} FLACCID CRYPTANTHA
- Cryptantha ganderi* I.M. Johnst. {SD 131213} GANDER'S CRYPTANTHA
- 1B.1 S1 G1G2**
- Cryptantha intermedia* (A. Gray) Greene var. *intermedia* NIEVITAS CRYPTANTHA  
{SD 70893}
- †*Cryptantha intermedia* (A. Gray) Greene var. *johnstonii* J.F. Macbr. {SD 39193}  
Note: A recently resurrected variety. JOHNSTON'S NIEVITAS CRYPTANTHA
- Cryptantha maritima* (Greene) Greene {SD 122428} WHITE-HAIR CRYPTANTHA
- Cryptantha microstachys* (A. Gray) Greene {SD 106852} TEJON CRYPTANTHA
- Cryptantha muricata* (Hook. & Arn.) A. Nelson & J.F. Macbr. var. *jonesii* (A. Gray)  
I.M. Johnst. {SD 67539} JONES'S PRICKLY CRYPTANTHA
- Cryptantha nevadensis* A. Nelson & P.B. Kenn. var. *nevadensis* NEVADA CRYPTANTHA  
{SD 11208}
- Cryptantha nevadensis* A. Nelson & P.B. Kenn. var. *rigida* I.M. Johnst.  
{SD 26729} RIGID CRYPTANTHA
- Cryptantha oxygona* (A. Gray) Greene {UC 56847} SHARP-NUT CRYPTANTHA
- Cryptantha pterocarya* (Torr.) Greene var. *cycloptera* (Greene) J.F. Macbr.  
{SD 169350} SINGLE-WING CRYPTANTHA
- Cryptantha pterocarya* (Torr.) Greene var. *pterocarya* WING-NUT CRYPTANTHA  
{SD 83522}
- Cryptantha pterocarya* (Torr.) Greene var. *purpusii* Jeps. PURPUS CRYPTANTHA  
{SD 26763}
- Cryptantha simulans* Greene {SD 27669} PINE CRYPTANTHA
- Cryptantha utahensis* (A. Gray) Greene {SD 160015} SCENTED FORGET-ME-NOT
- †*Cryptantha wigginsii* I. M. Johnst. {SD 214622} WIGGINS'S CRYPTANTHA
- Note: Recently discovered in CA and U.S.; see Simpson et al. 2013.**1B.2 S1S2 G2**
- \**Echium candicans* L. f. {SD 163338} PRIDE OF MADEIRA
- \**Echium plantagineum* L. {SD 21543} VIPER'S BUGLOSS



- Emmenanthe penduliflora* Benth. var. *penduliflora* WHISPERING BELLS  
{SD 130508}
- Eremocarya lepida* (A. Gray) Greene {SD 126687} MOUNTAIN EREMOCARYA  
[*Cryptantha micrantha* (Torr.) I.M. Johnston var. l. (A. Gray) I.M. Johnston]
- Eremocarya micrantha* (Torr.) Greene SMALL-FLOWERED EREMOCARYA  
{SD 122433} [*Cryptantha micrantha* (Torr.) I.M. Johnston var. m.]
- Eriodictyon crassifolium* Benth. var. *crassifolium* FELT-LEAF YERBA SANTA  
{SD 129719}
- Eriodictyon crassifolium* Benth. var. *nigrescens* Brand THICK-LEAF YERBA SANTA  
{SD 177741} [E. c. var. *denudatum* Abrams]
- Eriodictyon parryi* (A. Gray) Greene STICKY NAMA, POODLE-DOG BUSH  
{SD 118416} [*Turricula* p. (A. Gray) J.F. Macbr.]
- Eriodictyon trichocalyx* A. Heller var. *lanatum* (Brand) Jeps. HAIRY YERBA SANTA  
{SD 135251} [E. t. subsp. l. (Brand) Munz]
- Eriodictyon trichocalyx* A. Heller var. *trichocalyx* SHINY-LEAF YERBA SANTA  
{SD 73365}
- Eucrypta chrysanthemifolia* (Benth.) Greene var. *bipinnatifida* (Torr.) Constance  
{SD 119122} SPOTTED HIDESEED
- Eucrypta chrysanthemifolia* (Benth.) Greene var. *chrysanthemifolia*  
{SD 85353} COMMON EUCRYPTA
- Eucrypta micrantha* (Torr.) A. Heller {SD 118121} SMALL-FLOWER EUCRYPTA
- Greeneocharis circumscissa* (Hook. & Arn.) Rydb. var. *circumscissa*  
{SD 115509} [*Cryptantha* c. (Hook. & Arn.) I.M. Johnst.] CUSHION GREENEOCHARIS
- Harpagonella palmeri* A. Gray {SD 132897} PALMER'S GRAPPLING-HOOK  
4.2 S3.2 G4
- Heliotropium curassavicum* L. var. *oculatum* (A. Heller) Tidestr. SALT HELIOTROPE  
{SD 123371} [H. c. subsp. *oculatum* (A. Heller) Thorne]
- \**Heliotropium supinum* L. {SD 232827} DWARF HELIOTROPE
- Johnstonella angustifolia* (Torr.) Hasenstab & M.G. Simpson  
{SD 141845} [*Cryptantha* a. (Torr.) Greene] NARROW-LEAF JOHNSTONELLA
- Johnstonella costata* (Brandege) Hasenstab & M.G. Simpson {SD 134492}  
[*Cryptantha* c. Brandege] 4.3 S3.3 G4G5 RIBBED JOHNSTONELLA
- Johnstonella holoptera* (A. Gray) Hasenstab & M.G. Simpson WINGED JOHNSTONELLA  
{SD 119052} [*Cryptantha* h. (A. Gray) J.F. Macbride] 4.3 S3? G3G4
- Johnstonella micromeres* (A. Gray) Hasenstab & M.G. Simpson  
{SD 119236} [*Cryptantha* m. (A. Gray) Greene] MINUTE-FLOWER JOHNSTONELLA
- Johnstonella racemosa* (A. Gray) Brand WOODY JOHNSTONELLA  
{SD 120323} [*Cryptantha* r. (A. Gray) Greene]
- \**Myosotis discolor* Pers. {SD 152400} FORGET-ME-NOT
- Nama demissa* A. Gray var. *demissa* {SD 122432} PURPLE MAT  
[N. d. var. *deserti* Brand.]
- Nama hispida* A. Gray var. *spathulata* (Torr.) C.L. Hitchc. ROUGH PURPLE MAT  
{SD 10513} [N. h. var. *revoluta* Jeps.]
- Nama stenocarpa* A. Gray {SD 24139} MUD NAMA  
2B.2 S1S2 G4G5
- Nemophila menziesii* Hook. & Arn. var. *integrifolia* Parish  
{SD 114932} [N. m. subsp. i. (Parish) Munz] SMALL-FLOWER BABY BLUE EYES
- Nemophila menziesii* Hook. & Arn. var. *menziesii*  
{SD 52525} [N. m. subsp. m.] MENZIES'S BABY BLUE EYES

- Nemophila pedunculata* Benth. {SD 124494} MEADOW NEMOPHILA  
*Nemophila spatulata* Coville {SD 158304} SIERRA BABY BLUE EYES  
†*Pectocarya anisocarpa* Veno {SD 39278} UNEQUAL COMBSEED  
Note: See Guilliams et al. 2013.
- Pectocarya heterocarpa* (I.M. Johnst.) I.M. Johnst. CHUCKWALLA COMBSEED  
{SD 109768}
- Pectocarya linearis* (Ruiz & Pav.) DC. subsp. *ferocula* (I.M. Johnst.) Thorne  
{SD 85377} SLENDER COMBSEED
- Pectocarya penicillata* (Hook. & Arn.) A. DC. {SD 140455} WINGED COMBSEED  
*Pectocarya peninsularis* I.M. Johnst. {SD 6716} PENINSULAR COMBSEED  
*Pectocarya platycarpa* (Munz & I.M. Johnst.) Munz & I.M. Johnst.  
{SD 118118} BROAD COMBSEED
- Pectocarya recurvata* I.M. Johnst. {SD 39282} RECURVED COMBSEED  
*Pectocarya setosa* A. Gray {SD 130519} BRISTLY COMBSEED  
*Phacelia affinis* A. Gray {SD 120525} LIMESTONE PHACELIA  
*Phacelia brachyloba* (Benth.) A. Gray {SD 130513} SHORT-LOBE PHACELIA  
*Phacelia campanularia* A. Gray var. *campanularia*  
{SD 160020} [P. c. subsp. c.] DESERT BLUEBELL
- Phacelia cicutaria* Greene var. *hispida* (A. Gray) J.T. Howell  
{SD 70973} [P. c. subsp. h. (A. Gray) Beauch.] CATERPILLAR PHACELIA  
*Phacelia crenulata* S. Watson var. *ambigua* (M.E. Jones) J.F. Macbr.  
{SD 119065} NOTCH-LEAF PHACELIA  
*Phacelia crenulata* S. Watson var. *minutiflora* (Munz) Jeps.  
{SD 122424, 122715} [P. m. J. Voss.] CLEFT-LEAF PHACELIA
- Phacelia cryptantha* Greene {SD 24561} SMALL-FLOWER PHACELIA  
*Phacelia curvipes* S. Watson {SD 118621} WASHOE PHACELIA  
*Phacelia davidsonii* A. Gray {SD 120467} DAVIDSON'S PHACELIA  
*Phacelia distans* Benth. {SD 122422} WILD-HELIOTROPE  
*Phacelia grandiflora* (Benth.) A. Gray {SD 66850} GIANT-FLOWER PHACELIA  
*Phacelia imbricata* Greene var. *imbricata* {SD 21578} IMBRICATE PHACELIA  
[P. i. subsp. i.; P. i. subsp. *bernardina* (Greene) Heckard]
- Phacelia imbricata* Greene var. *patula* (Brand) Walden & R. Patt. ROCK PHACELIA  
{SD 70761} [P. i. subsp. p. (Brand) Heckard]
- Phacelia ivesiana* Torr. {UC 131510} IVES'S PHACELIA  
*Phacelia keckii* Munz & I.M. Johnst. {SD 206361} **1B.3 S2 G2**  
SANTIAGO PEAK PHACELIA
- Phacelia lyonii* A. Gray {SD 212759} LYON'S PHACELIA  
*Phacelia minor* (Harv.) F. Zimm. {SD 10683} WILD CANTERBURY-BELL  
*Phacelia minor* × *P. parryi* {SD 49365}  
*Phacelia nashiana* Jeps. {SD 161426} CHARLOTTE'S PHACELIA
- 1B.2 S3 G3**
- Phacelia neglecta* M.E. Jones {SD 133331} ALKALI PHACELIA  
*Phacelia parryi* Torr. {SD 110413} PARRY'S PHACELIA  
*Phacelia pedicellata* A. Gray {SD 112829} SPECTER PHACELIA  
†*Phacelia ramosissima* Lehm. var. *austrolitoralis* Munz  
{SD 142852} **3.2 S3.2 G5?T3** SOUTH COAST BRANCHING PHACELIA  
†*Phacelia ramosissima* Lehm. var. *latifolia* (Torr.) Cronq. BRANCHING PHACELIA  
{SD 85702} [P. suffrutescens (Parry) Const.]

- †*Phacelia ramosissima* Lehm. var. *subglabra* M. Peck  
{SD 153128} MOUNTAIN BRANCHING PHACELIA
- Phacelia rotundifolia* S. Watson {SDSU 20367} ROUND-LEAF PHACELIA  
Note: Verified photo from Henderson Canyon, Anza Borrego Desert State Park.
- Phacelia stellaris* Brand {SD 10906} BRAND'S PHACELIA  
[*P. douglasii* (Benth.) Torr. subsp. *cryptantha* (Brand) Beauch.] **1B.1 S1 G2?**
- Phacelia tanacetifolia* Benth. {SD 113326} LACY PHACELIA
- §*Phacelia umbrosa* Greene {SD 155604} COLORADO DESERT PHACELIA
- Phacelia viscida* (Lindl.) Torr. {SD 154077} STICKY PHACELIA
- Pholisma arenarium* Hook. {SD 110278} SAND PLANT
- Pholistoma auritum* (Lindl.) Lilja var. *arizonicum* (M.E. Jones) Constance  
{SD 145485} **2B.3 S2 G5T2T3** ARIZONA FIESTA FLOWER
- Pholistoma auritum* (Lindl.) Lilja var. *auritum* {SD 118397} FIESTA FLOWER
- Pholistoma membranaceum* (Benth.) Constance {SD 122370} WHITE FIESTA FLOWER
- Pholistoma racemosum* (A. Gray) Constance {SD 85482} SAN DIEGO FIESTA FLOWER
- Plagiobothrys acanthocarpus* (Piper) I.M. Johnst. ADOBE POPCORNFLOWER  
{SD 132890}
- Plagiobothrys arizonicus* (A. Gray) A. Gray {SD 50083} ARIZONA POPCORNFLOWER
- Plagiobothrys bracteatus* (Howell) I.M. Johnst. {SD 104395} BRACT POPCORNFLOWER
- Plagiobothrys canescens* Benth. {SD 20498} VALLEY POPCORNFLOWER
- Plagiobothrys collinus* (Phil.) I.M. Johnst. var. *californicus* (A. Gray) Higgins  
{SD 26459} CALIFORNIA POPCORNFLOWER  
[*P. californicus* (A. Gray) Greene var. *californicus*]
- Plagiobothrys collinus* (Phil.) I.M. Johnst. var. *fulvescens* (I.M. Johnst.) Higgins  
{SD 14733} ROUGH POPCORNFLOWER  
[*P. californicus* (A. Gray) Greene var. *f.* I.M. Johnst.]
- Plagiobothrys collinus* (Phil.) I.M. Johnst. var. *gracilis* (I.M. Johnst.) Higgins  
{SD 20610} SAN DIEGO POPCORNFLOWER  
[*P. californicus* (A. Gray) Greene var. *g.* I.M. Johnst.]
- Plagiobothrys collinus* (Phil.) I.M. Johnst. var. *ursinus* (A. Gray) Higgins  
{SD 74743} BEAR VALLEY POPCORNFLOWER  
[*P. californicus* (A. Gray) Greene var. *u.* (A. Gray) I.M. Johnst.]
- Plagiobothrys fulvus* (Hook. & Arn.) I.M. Johnst. var. *campestris* (Greene) I.M. Johnst. {SD 155392} FULVOUS POPCORNFLOWER
- Plagiobothrys hispidulus* (Greene) I.M. Johnst. {SD 113103} HARSH POPCORNFLOWER
- Plagiobothrys jonesii* A. Gray {SD 115576} JONES'S POPCORNFLOWER
- Plagiobothrys nothofulvus* (A. Gray) A. Gray {SD 124533} RUSTY POPCORNFLOWER
- Plagiobothrys reticulatus* (Piper) I.M. Johnst. var. *rossianorum* I.M. Johnston  
{SD 39247, 208300} FORT ROSS ALLOCARYA
- Plagiobothrys stipitatus* (Greene) I.M. Johnst. var. *micranthus* (Piper) I.M. Johnst.  
{SD 39255} SMALL-FLOWER POPCORNFLOWER
- Plagiobothrys tenellus* (Hook.) A. Gray {SD 111458} SLENDER POPCORNFLOWER
- Plagiobothrys trachycarpus* (A. Gray) I.M. Johnst. ROUGH-FRUIT POPCORNFLOWER  
{SD 21622}
- Plagiobothrys undulatus* (Piper) I.M. Johnst. {SD 126689} COAST POPCORNFLOWER
- Tiquilia canescens* (DC.) A.T. Richardson var. *canescens*  
{SD 138913} SHRUBBY TIQUILIA
- Tiquilia palmeri* (A. Gray) A.T. Richardson {SD 118382} PALMER'S TIQUILIA
- Tiquilia plicata* (Torr.) A.T. Richardson {SD 118876} PLICATE TIQUILIA

## BRASSICACEAE (CRUCIFERAE) – Mustard Family

- \**Arabidopsis thaliana* (L.) Heynh. {SD 92907} MOUSE-EAR CRESS
- Athysanus pusillus* (Hook.) Greene {SD 128518} DWARF ATHYSANUS
- Barbarea orthoceras* Ledeb. {SD 73574} UPRIGHT-POD WINTER-CRESS
- Boechera arcuata* (Nutt.) Windham & Al-Shehbaz ELEGANT ROCK-CRESS  
{SD 130563} [*Arabis sparsiflora* Nutt. var. *arcuata* (Nutt.) Rollins]
- Boechera californica* (Rollins) Windham & Al-Shehbaz CALIFORNIA ROCK-CRESS  
{SD 104506} [*Arabis sparsiflora* Nutt. var. *californica* Rollins]
- Boechera johnstonii* (Munz) Al-Shehbaz {SD 145531} JOHNSTON'S ROCK-CRESS  
[*Arabis hirshbergiae* S. Boyd; *Arabis johnstonii* Munz] **1B.2 S1 G1**
- Boechera perennans* (S. Watson) W.A. Weber {SD 104502} NEVADA ROCK-CRESS  
[*Arabis perennans* S. Watson]
- Boechera pulchra* (S. Watson) W.A. Weber {SD 121697} BEAUTIFUL ROCK-CRESS  
[*Arabis pulchra* S. Watson]
- Boechera xylopoda* Windham & Al-Shehbaz BIGFOOT HYBRID ROCK-CRESS  
{SD 114715} [*Arabis pulchra* S. Watson var. *gracilis* M.E. Jones]
- \**Brassica fruticulosa* Cirillo {SD 212772} MEDITERRANEAN CABBAGE
- \**Brassica napus* L. {SD 143674} SWEDE RAPE, RAPESEED
- \**Brassica nigra* (L.) W.D.J. Koch {SD 80482} BLACK MUSTARD
- \**Brassica rapa* L. {SD 124474} TURNIP, FIELD MUSTARD  
[*B. r.* subsp. *sylvestris* (L.) Janchen]
- \**Brassica tournefortii* Gouan {SD 118105} SAHARA MUSTARD
- \**Cakile edentula* (Bigelow) Hook. {SD 21072} AMERICAN SEA ROCKET
- \**Cakile maritima* Scop. {SD 80397} EUROPEAN SEA ROCKET
- \**Camelina microcarpa* DC. {SD 123441} BIG-SEED FALSE-FLAX
- \**Capsella bursa-pastoris* (L.) Medik. {SD 28316} SHEPHERD'S PURSE
- Cardamine californica* (Nutt.) Greene {SD 139316, 130562} MILKMAIDS, TOOTHWORT  
[*C. c.* var. *integrifolia* (Nutt.) Rollins]
- \*†*Cardamine flexuosa* With. {SD 140583} WOODLAND BITTERCRESS
- \**Cardamine hirsuta* L. {SD 208303} HAIRY BITTERCRESS
- Cardamine oligosperma* Nutt. {SD 115236} IDAHO BITTERCRESS
- \*†*Carrichtera annua* (L.) DC. {SD 176967} WARD'S WEED
- Caulanthus cooperi* (S. Watson) Payson {SD 52536} COOPER'S CAULANTHUS
- Caulanthus hallii* Payson {SD 130427} HALL'S CAULANTHUS
- Caulanthus heterophyllus* (Nutt.) Payson SAN DIEGO JEWELFLOWER  
{SD 121073, 10295} [*Caulanthus heterophyllus* var. *pseudosimulans*, ined.]  
Note: Var. *pseudosimulans*, ined. warrants formal recognition based on morphological and geographic differences.
- Caulanthus lasiophyllus* (Hook. & Arn.) Payson CALIFORNIA MUSTARD  
{SD 47533} [*Guillenia lasiophylla* (Hook. & Arn.) Greene]
- Caulanthus simulans* Payson {SD 113245} PAYSON'S CAULANTHUS

## 4.2 S3.2 G3

*Descurainia adenophora* (Wooton & Standl.) O.E. Schulz WHITE TANSY-MUSTARD  
{SD 222662}

*Descurainia incana* (Fisch. & C.A. Mey.) Dorn MOUNTAIN TANSY-MUSTARD  
{JEPS 53426} [*D. richardsonii* (Sweet) O. Schulz subsp. *viscosa* (Rydb.) Detl.]

*Descurainia pinnata* (Walter) Britton subsp. *brachycarpa* (Richardson) Detling  
{SD 85594, 131265, 20441} WESTERN TANSY-MUSTARD

Note: Current taxonomy of *D. p.* subsp. does not reflect the variation in our County, esp. with a coastal, glandular form.

- Descurainia pinnata* (Walter) Britton subsp. ***glabra*** (Wooton & Standl.) Detling  
{SD 141822} SMOOTH WESTERN TANSY-MUSTARD
- Descurainia pinnata* (Walter) Britton subsp. ***ochroleuca*** (Wooton) Detling  
{SD 229009} YELLOW TANSY-MUSTARD
- \**Descurainia sophia* (L.) Prantl {SD 44849} FINE-LEAF TANSY-MUSTARD
- \**Diplotaxis muralis* (L.) DC. {SD 142795} WALL ROCKET
- Dithyrea californica* Harv. {SD 83418} CALIFORNIA SPECTACLE-POD
- Draba cuneifolia* Torr. & A. Gray var. ***cuneifolia*** {SD 155646} Note: Intraspecies are recognized for this species in the FNA treatment.  
WEDGELEAF WHITLOW-GRASS
- Draba cuneifolia* Torr. & A. Gray var. ***integrifolia*** S. Watson {SD 10179}  
DESERT WHITLOW-GRASS
- \**Draba reptans* (Lam.) Fernald {SD 24614} CALIFORNIA WHITLOW
- Draba verna* L. {SD 106704} VERNAL WHITLOW  
[Erophila v. (L.) Chevall]
- \**Eruca vesicaria* (L.) Cav. subsp. ***sativa*** (Mill.) Thell. {SD 16478} GARDEN ROCKET
- Erysimum ammophilum* A. Heller {SD 134503} COAST WALLFLOWER
- 1B.2 S2.2 G2**
- Erysimum capitatum* (Hook.) Greene var. ***capitatum*** {SD 118622} WESTERN WALLFLOWER
- \**Hirschfeldia incana* (L.) Lagr.-Fossat {SD 67533} SHORT-POD MUSTARD  
[Brassica geniculata (Desf.) J. Ball]
- Hornungia procumbens* (L.) Hayek {SD 10414} PROSTRATE HUTCHINSIA  
[Hutchinsia procumbens (L.) Desv.]
- \*\*†*Iberis umbellata* L. {SD 154688} GLOBE CANDYTUFT
- \**Lepidium appelianum* Al-Shehbaz {SD 156679} [Cardaria pubescens (C.A. Mey.) Jarm.] WHITE-TOP/GLOBE-POD HOARY-CRESS
- \**Lepidium campestre* (L.) W.T. Aiton {SD 183366} COW-CRESS
- \**Lepidium chalepensis* L. {SD 15273} LENS-POD HOARY-CRESS  
[Cardaria chalepensis (L.) Hand.-Mazz.]
- Lepidium densiflorum* Schrad. {SD 154856} COMMON PEPPERGRASS  
[L. d. Schrad. var. d.]
- Lepidium dictyotum* A. Gray {UC 494507} ALKALI PEPPERGRASS
- \**Lepidium didymum* L. {SD 53669} LESSER WART-CRESS  
[Coronopus didymus (L.) Sm.]
- \**Lepidium draba* L. {SD 113130} HEART-POD HOARY-CRESS  
[Cardaria draba (L.) Desv.]
- Lepidium flavum* Torr. {SD 118128} BORREGO VALLEY PEPPERGRASS  
[L. f. var. felipense C.L. Hitchc.; CNPS Inventory listing of var.: **1B.2 S1 G5T1**]
- Lepidium fremontii* S. Watson {SD 119046} DESERT PEPPERGRASS  
[L. f. var. f.]
- Lepidium lasiocarpum* Torr. & A. Gray subsp. ***lasiocarpum*** {SD 83386} [L. l. var. l.] SAND PEPPERGRASS
- \**Lepidium latifolium* L. {SD 138910} BROAD-LEAF PEPPERGRASS
- Lepidium latipes* Hook. {SD 138909} DWARF PEPPERGRASS  
[L. l. var. l.]
- Lepidium nitidum* Nutt. {SD 24278} SHINING PEPPERGRASS  
[L. n. var. n.]

- †*Lepidium oblongum* Small var. *insulare* C.L. Hitchc VEINY PEPPERGRASS  
 {SD 10911} Note: We elect to recognize this var. of *L. o.*, not recognized in  
 Jepson II, based on observed morphological differences.
- Lepidium oblongum* Small var. *oblongum* {SD 53634} WAYSIDE PEPPERGRASS
- \**Lepidium perfoliatum* L. {SD 45601} CLASPING PEPPERGRASS
- \**Lepidium pinnatifidum* Ledeb. {CDA 3821} FEATHER-LEAF PEPPERGRASS
- Lepidium ramosissimum* A. Nelson {SD 153068} BRANCHED PEPPERGRASS  
 [L. r. var. *bourgeauanum* (Thell.) Rollins]
- \**Lepidium strictum* (S. Watson) Rattan {SD 53634} UPRIGHT PEPPERGRASS
- Lepidium virginicum* L. subsp. *menziesii* (DC.) Thell. MENZIES'S PEPPERGRASS  
 {SD 122482} [L. v. var. *medium* (Greene) C. L. Hitchc.; L. v. var. *pubescens*  
 (Greene) Thell.]
- †*Lepidium virginicum* L. var. *robinsonii* (Thell.) C.L. Hitchc. {SD 13973}  
 ROBINSON'S PEPPERGRASS  
 Note: We elect to recognize this var. of *L. v.*, not recognized in Jepson II, based on  
 observed morphological differences. **4.3 S3 G5T3**
- Lepidium virginicum* L. subsp. *virginicum* {SD 161425} VIRGINIA PEPPERGRASS
- \**Lobularia maritima* (L.) Desv. {SD 115700} SWEET ALYSSUM
- Lyrocarpa coulteri* Hook. & Harv. {SD 80923} COULTER'S LYREPOD  
 [L. c. var. *palmeri* (S. Watson) Rollins] **4.3 S3.3 G4**
- \*†*Malcolmia graeca* Boiss. & Spruner {SD 154689} MALCOLM STOCK
- \**Matthiola incana* (L.) W.T. Aiton {SD 13189} COMMON STOCK
- \*†*Matthiola longipetala* (Vent.) DC. {SD 154690} NIGHT-SCENTED STOCK
- Nasturtium gambelii* (S. Watson) O.E. Schulz GAMBEL'S WATER-CRESS  
**1B.1 S1 G1** [Rorippa g. (S. Watson) Rollins & Al-Shehbaz] {RSA 668214}
- Nasturtium officinale* W.T. Aiton {SD 114863} WATER-CRESS  
 [Rorippa *nasturtium-aquaticum* (L.) Hayek]
- Planodes virginicum* (L.) Greene {SD 113144} VIRGINIA ROCK-CRESS  
 [Sibara v. (L.) Rollins]
- \**Raphanus raphanistrum* L. {SD 135182} JOINTED CHARLOCK
- \**Raphanus sativus* L. {SD 124475} WILD RADISH
- \**Rapistrum rugosum* (L.) All. {SD 164512} ANNUAL BASTARD-CABBAGE
- Rorippa curvipes* Greene {SD 155480} BLUNT-LEAF YELLOW-CRESS  
 [R. c. var. c.]
- Rorippa curvisiliqua* (Hook.) Britton {SD 22069} PROSTRATE YELLOW-CRESS
- Rorippa palustris* (L.) Besser var. *palustris* {SD 113311} PACIFIC YELLOW-CRESS  
 [R. p. var. *occidentalis* (S. Watson) Rollins]
- Rorippa tenerrima* Greene {SD 106516} LYRATE-LEAF YELLOW-CRESS
- §*Sibaropsis hammittii* S. Boyd & T.S. Ross {SD 141106} HAMMITT'S CLAYCRESS  
**1B.2 S2.2 G2**
- \*†*Sinapis alba* L. {SD 194175} WHITE MUSTARD
- \**Sinapis arvensis* L. {SD 53594} CHARLOCK  
 [Brassica kaber (DC.) Wheeler]
- \**Sisymbrium altissimum* L. {SD 122203} TUMBLE/JIM HILL MUSTARD
- \**Sisymbrium irio* L. {SD 119030} LONDON ROCKET
- \**Sisymbrium officinale* (L.) Scop. {SD 106760} HEDGE MUSTARD
- \**Sisymbrium orientale* L. {SD 53667} HARE'S-EAR CABBAGE
- Stanleya pinnata* (Pursh) Britton var. *pinnata* {SD 83435} DESERT PRINCE'S PLUME
- Streptanthella longirostris* (S. Watson) Rydb. LONG-BEAK TWIST-FLOWER  
 {SD 10502}

- Streptanthus bernardinus* (Greene) Parish LAGUNA MOUNTAIN JEWELFLOWER  
{SD 85703} 4.3 S3 G3
- Streptanthus campestris* S. Watson {SD 111604} SOUTHERN JEWELFLOWER  
1B.3 S2.3 G2
- \**Thlaspi arvense* L. {SD 113149} FIELD PENNY-CRESS, FAN WEED
- Thysanocarpus curvipes* Hook. subsp. *curvipes* {SD 106819} LACEPOD, FRINGEPOD
- †*Thysanocarpus curvipes* Hook. subsp. *elegans* (Fisch. & C.A. Mey.) P.J. Alexander  
& Windham {SD 130561} ELEGANT FRINGEPOD  
[T. c. var. *elegans* (Fisch. & C.A. Mey.) Robinson]
- †*Thysanocarpus curvipes* Hook. subsp. *eradiatus* (Jeps.) P.J. Alexander &  
Windham {SD 118378} SAND FRINGEPOD  
[T. c. var. *eradiatus* Jeps.]
- Thysanocarpus laciniatus* Nutt. {SD 122695, 129789} NOTCH FRINGEPOD  
[T. l. var. *crenatus* (Nutt.) Brewer]
- Thysanocarpus radicans* Benth. {SD 17048} RIBBED FRINGEPOD
- Thysanocarpus rigidus* (Munz) P.J. Alexander & Windham  
{SD 135185} MOUNTAIN NOTCH FRINGEPOD  
[T. *laciniatus* Nutt. var. *rigidus* Munz] 1B.2 S1S2 G1G2
- Tropidocarpum gracile* Hook. {SD 122387} SLENDER DOBIE-POD
- Turritis glabra* L. {SD 115528} TOWER MUSTARD  
[*Arabis glabra* (L.) Bernh.]

## BURSERACEAE – Torchwood Family

- Bursera microphylla* A. Gray {SD 58429} SMALL-LEAF ELEPHANT TREE  
2.3 S2 G4

## CACTACEAE – Cactus Family

- Bergerocactus emoryi* (Engelm.) Britton & Rose VELVET/GOLDEN-CLUB CACTUS  
{SD 83549} 2B.2 S2.1 G2G3
- Cylindropuntia bigelovii* (Engelm.) F.M. Knuth TEDDY-BEAR/JUMPING CHOLLA  
{SD 140507} [*Opuntia bigelovii* Engelm.]
- Cylindropuntia californica* (Torr. & A. Gray) F.M. Knuth var. *californica*  
{SD 84052} 1B.1 S1 G3T2 SNAKE CHOLLA  
[*Opuntia parryi* Engelm. var. *serpentina* (Engelm.) L.D. Benson]
- Cylindropuntia californica* (Torr. & A. Gray) F.M. Knuth var. *parkeri* (J.M. Coult.)  
Pinkava {SD 139640} CANE/VALLEY CHOLLA  
[*Opuntia parryi* Engelm. var. *parryi*]
- Cylindropuntia echinocarpa* (Engelm. & J.M. Bigelow) F.M. Knuth SILVER CHOLLA  
{SD 140511} [*Opuntia echinocarpa* Engelm. & J.M. Bigelow; *Opuntia wigginsii*  
L.D. Benson]
- §§*Cylindropuntia fosbergii* (C.B. Wolf) Rebman et al. PINK TEDDY-BEAR CHOLLA  
{SD 140513} [C. *xfosbergii* (C.B. Wolf) Rebman et al.; *Opuntia* xf. C.B. Wolf; O.  
*bigelovii* Engelm. var. *hoffmannii* Fosb.] Note: No longer treated as a hybrid; see  
Mayer et al. 2011. 1B.3 S2 G2
- Cylindropuntia ganderi* (C.B. Wolf) Rebman & Pinkava GANDER'S CHOLLA  
{SD 140506} [*Opuntia acanthocarpa* Engelm. & J.M. Bigelow subsp. *ganderi* C.B.  
Wolf; *Opuntia ganderi* (C.B. Wolf) Rebman & Pinkava]
- Cylindropuntia prolifera* (Engelm.) F.M. Knuth {SD 119422} COAST CHOLLA  
[*Opuntia p.* Engelm.]

- Cylindropuntia ramosissima* (Engelm.) F.M. Knuth {SD 84156} DIAMOND CHOLLA  
[Opuntia r. Engelm.]
- Cylindropuntia wolfii* (L.D. Benson) M.A. Baker {SD 141961} WOLF'S CHOLLA  
[Opuntia w. (L.D. Benson) M. Baker; O. echinocarpa Engelm. & J. Bigelow var. w.  
L.D. Benson] **4.3 S3.3 G4?**
- Echinocactus polycephalus* Engelm. & J.M. Bigelow var. *polycephalus*  
{SD 84669} MOHAVE MOUND CACTUS
- Echinocereus engelmannii* (Engelm.) Lem. ENGELMANN'S HEDGEHOG CACTUS  
{SD 119571, 141960} [E. e. var. munzii (Parish) Pierce & Fosberg]
- Ferocactus cylindraceus* (Engelm.) Orcutt CALIFORNIA BARREL CACTUS  
{SD 113522, 140515} [F. c. var. c., F. c. var. lecontei (Engelm.) G.E. Lindsay]
- Ferocactus viridescens* (Torr. & A. Gray) Britton & Rose var. *viridescens*  
{SD 113525} COAST BARREL CACTUS  
[F. v. var. v.] Note: Vars. of this species not recognized in Jepson II; see Lindsay  
1996. **2B.1 S2 G4**
- Mammillaria dioica* K. Brandegee {SD 118625} FISH-HOOK CACTUS
- Mammillaria tetrancistra* Engelm. {SD 45875} YAQUI MAMMILLARIA
- Opuntia basilaris* Engelm. & J.M. Bigelow var. *basilaris* BEAVERTAIL CACTUS  
{SD 140522} [O. b. var. ramosa Parish]
- Opuntia chlorotica* Engelm. & J.M. Bigelow {SD 141995} PANCAKE PRICKLY-PEAR
- Opuntia engelmannii* Engelm. var. *engelmannii* ENGELMANN'S PRICKLY-PEAR  
{SD 159323} [O. phaeacantha var. discata (Griffiths) L.D. Benson & Walkington]
- \**Opuntia ficus-indica* (L.) Mill. {SD 24620} MISSION PRICKLY-PEAR, INDIAN-FIG
- \*†*Opuntia leucotricha* DC. {SD 148406} NOPAL BLANCO
- Opuntia littoralis* (Engelm.) Cockerell {SD 84192} COAST PRICKLY-PEAR
- \*†*Opuntia microdasys* (Lehm.) Pfeiff. {SD 143446} BUNNY-EARS CACTUS
- Opuntia xoccidentalis* Engelm. & J.M. Bigelow WESTERN PRICKLY-PEAR  
{SD 13294} [O. occidentalis Engelm. & J.M. Bigelow]
- Opuntia oricola* Philbrick {SD 84053} CHAPARRAL PRICKLY-PEAR
- Opuntia phaeacantha* Engelm. {SD 134305} DESERT PRICKLY-PEAR  
[O. p. var. major Engelm.]
- Opuntia polyacantha* Haw. var. *erinacea* (Engelm. & J.M. Bigelow) B.D. Parfitt  
{SD 148677} MOHAVE PRICKLY-PEAR
- \*†*Opuntia robusta* H.L. Wendland SILVER DOLLAR PRICKLY-PEAR, NOPAL TAPÓN  
{SD 168038}
- Opuntia xvaseyi* (J.M. Coult.) Britton & Rose {SD 84054} MESA PRICKLY-PEAR  
[O. littoralis (Engelm.) Cockerell var. vaseyi (J.M. Coult.) L.D. Benson]

## CAMPANULACEAE – Bellflower Family

- §§*Downingia concolor* Greene var. *brevior* McVaugh CUYAMACA LAKE DOWNINGIA  
{SD 119111} [D. c. subsp. b. (McVaugh) Beauch.] **1B.1 S1 G4T1 CE**
- Downingia cuspidata* (Greene) Rattan {SD 132873} TOOTHED DOWNINGIA
- Githopsis diffusa* A. Gray subsp. *candida* (Ewan) Morin SAN GABRIEL BLUECUP  
{SD 122748} [G. specularioides Nutt. subsp. candida Ewan]
- Githopsis diffusa* A. Gray subsp. *diffusa* {SD 74710} SOUTHERN BLUECUP
- §*Githopsis diffusa* A. Gray subsp. *filicaulis* (Ewan) Morin {SD 135188}  
[G. f. Ewan] **3.1 S1 G5T2T3** MISSION CANYON BLUECUP
- Githopsis specularioides* Nutt. {RSA 587902} SPECULARIA BLUECUP
- Heterocodon rariflorum* Nutt. {SD 128625} HETEROCODON



- Lobelia cardinalis* L. var. *pseudosplendens* McVaugh WESTERN CARDINAL FLOWER  
{SD 142011} [L. c. subsp. *graminea* (Lam.) McVaugh]
- Lobelia dunnii* Greene var. *serrata* (A. Gray) McVaugh {SD 50403} DUNN'S LOBELIA  
[*Laurentia debilis* var. s. (A. Gray) McVaugh; *Palmerella debilis* subsp. s. (A. Gray)  
Lammers]
- Nemacladus glanduliferus* Jeps. {SD 118120} GLANDULAR THREADPLANT
- Nemacladus longiflorus* A. Gray var. *breviflorus* McVaugh {SD 118131}  
NOT-SO-LONG LONG-FLOWER THREADPLANT
- Nemacladus longiflorus* A. Gray var. *longiflorus* {SD 115237}  
LONG-FLOWER THREADPLANT
- Nemacladus orientalis* (McVaugh) Morin EASTERN GLANDULAR THREADPLANT  
{SD 118122} [N. *glanduliferus* Jeps. var. *orientalis* McVaugh]
- Nemacladus pinnatifidus* Greene {SD 128628} COMB-LEAF THREADPLANT
- Nemacladus ramosissimus* Nutt. {SD 67531} NUTTALL'S THREADPLANT
- Nemacladus rubescens* Greene {SD 20320} CAPILLARY THREADPLANT
- Nemacladus sigmoides* G.T. Robbins {SD 118137} SMALL-FLOWER THREADPLANT
- Nemacladus tenuis* (McVaugh) Morin var. *aliformis* Morin  
{SD 16810} CALIFORNIA DESERT THREADPLANT
- Nemacladus tenuis* (McVaugh) Morin var. *tenuis* DESERT THREADPLANT  
{SD 122443} [N. *rubescens* Greene var. *tenuis* McVaugh]
- Nemacladus twisselmannii* J.T. Howell TWISSELMANN'S THREADPLANT  
{SD 225143} **1B.2 S1 G1 CR**
- Triodanis biflora* (Ruiz & Pav.) Greene SMALL VENUS LOOKING-GLASS  
{SD 121037} [T. *perfoliata* (L.) Nieuwl. var. b. (Ruiz & Pav.) Bradley]

CANNABACEAE – Hemp Family [incl. *Celtis*]

- \**Cannabis sativa* L. {SD 130573} MARIJUANA, HEMP
- Celtis reticulata* Torr. {SD 121616} NET-LEAF HACKBERRY
- Note: Formerly in Ulmaceae

## CAPRIFOLIACEAE – Honeysuckle Family [excl. Adoxaceae]

- Lonicera hispidula* (Lindl.) Torr. & A. Gray CALIFORNIA HONEYSUCKLE  
{SD 12445} [L. h. var. *vacillans* A. Gray]
- Lonicera interrupta* Benth. {SD 170848} CHAPARRAL HONEYSUCKLE
- \**Lonicera japonica* Murray {SD 118572} JAPANESE HONEYSUCKLE
- Lonicera subspicata* Hook. & Arn. var. *denudata* Rehder JOHNSTON'S HONEYSUCKLE  
{SD 83796, 85799} [L. s. var. *johnstonii* Keck]
- Symphoricarpos albus* (L.) S.F. Blake var. *laevigatus* (Fernald) S.F. Blake  
{SD 119370} COMMON SNOWBERRY
- Symphoricarpos mollis* Nutt. {SD 17436} CREEPING SNOWBERRY, TRIP VINE
- Symphoricarpos rotundifolius* A. Gray var. *parishii* (Rydb.) Dempster  
{SD 142792} [S. p. Rydb.] PARISH'S SNOWBERRY

## CARYOPHYLLACEAE – Pink Family

- Achyronychia cooperi* Torr. & A. Gray {SD 122384} ONYX FLOWER, FROST MAT
- Cardionema ramosissimum* (Weinm.) A. Nelson & J.F. Macbr. TREAD LIGHTLY  
{SD 85533}
- \**Cerastium fontanum* Baumg. subsp. *vulgare* (Hartm.) Greuter & Burdet  
{SD 161998} [C. f. subsp. *triviale* (Link) J alas] BIG CHICKWEED

- \**Cerastium glomeratum* Thuill. {SD 106815} MOUSE-EAR CHICKWEED  
[C. g. var. apetalum (Dumort) Rouy & Foucd., var. g.]
- \**Dianthus armeria* L. subsp. *armeria* {SD 121550} GRASS PINK, DEPTFORD PINK
- \**Dianthus barbatus* L. subsp. *barbatus* {SD 58973} SWEET WILLIAM
- \**Gypsophila paniculata* L. {SD 235508} BABY'S-BREATH
- \**Herniaria hirsuta* L. var. *cinerea* (DC.) Loret & Barrandon GRAY HERNIARIA  
{SD 136424} [H. c. DC., H. h. subsp. cinerea (DC.) Cout.]
- \**Herniaria hirsuta* L. var. *hirsuta* {SD 164752} HAIRY HERNIARIA
- Loeflingia squarrosa* Nutt. CALIFORNIA LOEFLINGIA  
{SD 39398} [L. s. var. s.]
- Minuartia douglasii* (Torr. & A. Gray) Mattf. DOUGLAS'S SANDWORT  
{SD 121066} [Arenaria d. Torr. & A. Gray]
- Minuartia pusilla* (S. Watson) Mattf. {SD 128572} ANNUAL SANDWORT  
[Arenaria p. S. Watson var. diffusa Maguire]
- Moehringia macrophylla* (Hook.) Fenzl {SD 85556} LARGE-LEAF SANDWORT  
[Arenaria m. Hook.]
- \**Petrorhagia dubia* (Raf.) G. López & Romo {SD 129787} HAIRY PINK
- \**Petrorhagia nanteuilii* (Burnat) P.W. Ball & Heywood PROLIFEROUS PINK  
{SD 183701}
- Polycarpon depressum* Nutt. {SD 14651} CALIFORNIA POLYCARP
- \**Polycarpon tetraphyllum* (L.) L. subsp. *tetraphyllum* FOUR-LEAF ALLSEED  
{SD 53616}
- Sagina apetala* Ard. {SD 128573} DWARF/STICKY PEARLWORT  
[S. a. var. barbata Fenzl]
- Sagina decumbens* (Elliott) Torr. & A. Gray subsp. *occidentalis* (S. Watson) G.E.  
Crow {SD 138901} WESTERN PEARLWORT
- Sagina saginoides* (L.) Karsten {POM 48993} ALPINE PEARLWORT
- \**Saponaria officinalis* L. {SD 48735} BOUNCING BET
- \**Scleranthus annuus* L. subsp. *annuus* {SD 137809} GERMAN KNOTGRASS
- Silene antirrhina* L. {SD 120474} SNAPDRAGON CATCHFLY
- \*†*Silene armeria* L. {SD 94488} SWEET WILLIAM CATCHFLY
- \**Silene gallica* L. {SD 80574} COMMON CATCHFLY
- Silene laciniata* Cav. subsp. *laciniata* {SD 80841} SOUTHERN PINK  
[S. l. subsp. major C. Hitchc. & Maguire]
- Silene lemmonii* S. Watson {SD 112867} LEMMON'S PINK
- Silene multinervia* S. Watson {SD 112871} MANY-NERVE CATCHFLY  
[S. coniflora Otth, misappl.] Note: Rautenberg et al. 2012 show that *S. multinervia* is clearly distinct from the non-native *S. coniflora*.
- Silene parishii* S. Watson {SD 126670} PARISH'S CAMPION  
[S. p. var. viscida C. Hitchc. & Maguire]
- Silene verecunda* S. Watson {SD 70910} CUYAMACA CATCHFLY  
[S. v. subsp. platyota (S. Watson) C. Hitchc. & Maguire]
- \**Spergula arvensis* L. {SD 60833} STICKWORT, STARWORT  
[S. a. subsp. a.]
- \**Spergularia bocconi* (Scheele) Graebn. {SD 130565} BOCCONE'S SAND-SPURREY  
[S. bocconi, spelling variant]
- Spergularia macrotheca* (Cham. & Schltdl.) Heynh. var. *leucantha* (Greene)  
B.L. Rob. {SD 39614} LARGE-FLOWER SAND-SPURREY

- Spergularia macrotheca* (Cham. & Schltld.) Heynh. var. ***macrotheca***  
 {SD 112876} STICKY SAND-SPURREY
- \**Spergularia rubra* (L.) J. Presl & C. Presl {SD 39416} RUBY SAND-SPURREY
- Spergularia marina* (L.) Besser {SD 53665} SALT MARSH SAND-SPURREY  
 [S. salina J. Presl & C. Presl]
- \**Spergularia villosa* (Pers.) Cambess. {SD 132872} VILLOUS SAND-SPURREY
- \**Stellaria media* (L.) Vill. {SD 53636} COMMON CHICKWEED
- \*†*Stellaria neglecta* Weihe {SD 201543} GREATER CHICKWEED
- Stellaria nitens* Nutt. {SD 114738} SHINING CHICKWEED
- \**Stellaria pallida* (Dumort.) Crép. {SD 144604} PALE STARWORT
- \**Vaccaria hispanica* (Mill.) Rauschert {SD 1611} COW SOAPWORT  
 [V. pyramidata Medic.; V. segetalis (Necker) Asch.]

## CASUARINACEAE – Casuarina Family

- \*†*Casuarina equisetifolia* L. {SD 208301} HORSETAIL TREE

## CELASTRACEAE – Staff Tree Family

- Euonymus occidentalis* Torr. var. ***parishii*** (Trel.) Jeps. SAN DIEGO BURNING BUSH  
 {SD 142012} [E. o. subsp. p. (Trel.) Beauch.]

## CHENOPODIACEAE – Goosefoot Family

- Allenrolfea occidentalis* (S. Watson) Kuntze {SD 138900} IODINE BUSH
- Aphanisma blitoides* Moq. {SD 112588} APHANISMA
- 1B.2 S3 G3G4**
- Arthrocnemum subterminale* (Parish) Standl. {SD 80395} PARISH'S PICKLEWEED  
 [Salicornia subterminalis Parish]
- \**Atriplex amnicola* Paul G. Wilson {SD 211471} SWAMP SALTBUH
- Atriplex argentea* Nutt. var. ***expansa*** (S. Watson) S.L. Welsh & Reveal  
 {SD 210145} MOJAVE SILVERSCALE  
 [A. a. Nutt. var. mohavensis (M.E. Jones) S.L. Welsh]
- Atriplex canescens* (Pursh) Nutt. var. ***canescens*** FOUR-WING SALTBUH/SHADSCALE  
 {SD 112468} [A. c. subsp. c.]
- Atriplex canescens* (Pursh) Nutt. var. ***laciniata*** Parish {SD 168124} CALEB SALTBUH
- Atriplex canescens* (Pursh) Nutt. var. ***linearis*** (S. Watson) Munz  
 {SD 168125} [A. l. S. Watson] SLENDERLEAF SALTBUH
- Atriplex canescens* (Pursh) Nutt. var. ***macilentata*** Jeps. SALTON SALTBUH  
 {SD 168126}
- Atriplex coulteri* (Moq.) D. Dietr. {SD 80462} COULTER'S SALTBUH
- 1B.2 S2 G2**
- Atriplex elegans* (Moq.) D. Dietr. var. ***fasciculata*** (S. Watson) M.E. Jones  
 {SD 20870} [A. e. subsp. fasciculata (S. Watson) H.M. Hall & Clem.] WHEELSCALE
- \*†*Atriplex glauca* L. {SD 167379} WAXY SALTBUH
- Atriplex hymenelytra* (Torr.) S. Watson {SD 119641} DESERT-HOLLY
- \*†*Atriplex julacea* S. Watson {SD 207408} VIZCAINO SALTBUH
- Atriplex lentiformis* (Torr.) S. Watson {SD 124268} BIG SALTBUH  
 [A. l. subsp. l., A. l. subsp. breweri (S. Watson) H.M. Hall & Clem.]
- Atriplex leucophylla* (Moq.) D. Dietr. {SD 80493} SEASCALE, BEACH SALTBUH
- \**Atriplex lindleyi* Moq. {SD 83553} LINDLEY'S SALTBUH
- \*†*Atriplex* aff. ***magdalenae*** Brandegee {SD 207409} MAGDALENA SALTBUH

- Atriplex pacifica* A. Nelson {SD 140577} SOUTH COAST SALTBUCH  
**1B.2 S2 G3G4**
- Atriplex parishii* S. Watson {SD 145481} PARISH'S BRITTLESCALE  
 [A. parishii var. p.] **1B.1 S1 G1G2**
- \**Atriplex patula* L. {SD 143451} SPEAR ORACH, SPEARSCALE  
 [A. patula subsp. hastata (L.) H.M. Hall & Clem.]
- Atriplex polycarpa* (Torr.) S. Watson {SD 48452} MANY-FRUIT SALTBUCH
- Atriplex prostrata* DC. {SD 83503, 121554} PROSTRATE SPEARSCALE  
 [A. triangularis Willd.]
- \**Atriplex rosea* L. {SD 106655} TUMBLING ORACLE
- \**Atriplex semibaccata* R. Br. {SD 40204} AUSTRALIAN SALTBUCH
- Atriplex serenana* Abrams var. *serenana* {SD 112542} BRACTSCALE
- \**Atriplex suberecta* I. Verd. {SD 154857} PEREGRINE SALTBUCH
- \*†*Atriplex undulata* D. Dietr. {SD 203909, 203910} WAVY-LEAF SALTBUCH
- Atriplex watsonii* Abrams {SD 40180} WATSON'S SALTBUCH
- \**Bassia hyssopifolia* (Pall.) Kuntze {SD 121546} FIVE-HOOK BASSIA
- \**Beta vulgaris* L. subsp. *maritima* (L.) Arcang. {SD 112656} SEA BEET
- \**Chenopodium album* L. {SD 155221} LAMB'S QUARTERS
- Chenopodium berlandieri* Moq. var. *sinuatum* (Murr) Wahl PIT-SEED GOOSEFOOT  
 {SD 208505}
- Chenopodium berlandieri* Moq. var. *zschackei* (Murr) Graebn. ZSCHACKEY'S PIT-SEED GOOSEFOOT  
 {SD 155804}
- Chenopodium californicum* (S. Watson) S. Watson CALIFORNIA GOOSEFOOT  
 {SD 141409}
- \**Chenopodium chenopodioides* (L.) Aellen {SD 16496} PROSTRATE GOOSEFOOT
- Chenopodium fremontii* S. Watson {SD 208512} FREMONT'S GOOSEFOOT
- \**Chenopodium glaucum* L. var. *salinum* (Standl.) B. Boivin OAK-LEAF GOOSEFOOT  
 {SD 176732}
- Chenopodium hians* Standl. {SD 156375} HIAN'S GOOSEFOOT  
 [C. incognitum Wahl]
- \**Chenopodium macrospermum* Hook. f. {SD 175770} COAST GOOSEFOOT  
 [C. m. var. farinosum (S. Watson) J. Howell, var. halophilum (Philippi) Standley]
- \**Chenopodium missouriense* Aellen {SD 210940} MISSOURI LAMBSQUARTERS
- \**Chenopodium murale* L. {SD 53649} NETTLE-LEAF GOOSEFOOT
- Chenopodium pratericola* Rydb. {SD 161427} DESERT GOOSEFOOT
- Chenopodium rubrum* L. var. *rubrum* {SD 232344} RED PIGWEED
- \*†*Chenopodium strictum* Roth var. *glaucophyllum* (Aellen) Wahl WHITE-LEAF GOOSEFOOT  
 {SD 207412}
- \**Cycloloma atriplicifolium* (Spreng.) J.M. Coult. {SD 45984} WINGED PIGWEED
- \**Dysphania ambrosioides* (L.) Mosyakin & Clemants {SD 83485} MEXICAN TEA  
 [Chenopodium a. L.]
- \**Dysphania anthelmintica* (L.) Mosyakin & Clemants {SD 23119} WORMSEED  
 [Chenopodium a. L.; C. ambrosioides var. anthelminticum (L.) A. Gray]
- \**Dysphania multifida* (L.) Mosyakin & Clemants CUT-LEAF GOOSEFOOT  
 {SD 103861} [Chenopodium multifidum L.]
- \**Dysphania pumilio* (R. Br.) Mosyakin & Clemants TASMANIAN GOOSEFOOT  
 {SD 58921} [Chenopodium p. R. Br.]
- Extriplex californica* (Moq.) E.H. Zacharias CALIFORNIA ORACH  
 {SD 40179} [Atriplex c. Moq.]

- \**Kochia scoparia* (L.) Schrad. subsp. *scoparia* {SD 50935} MEXICAN FIREWEED  
*Monolepis nuttalliana* (Schult.) Greene {SD 112597} NUTTALL'S POVERTY WEED  
*Salicornia bigelovii* Torr. {SD 83562} BIGELOW'S PICKLEWEED  
*Salicornia depressa* Standl. {SD 72728} PICKLEWEED, GLASSWORT  
 [S. europaea L., misappl.]  
*Salicornia pacifica* Standl. {SD 83563} PACIFIC PICKLEWEED  
 [Sarcocornia p. (Standl.) A.J. Scott; S. virginica L., misappl.]  
 \**Salsola australis* R. Br. {SD 182885} AUSTRALIAN TUMBLEWEED  
 [*Salsola kali* L. subsp. *pontica* (Pall.) Mosyakin, misappl.; *Salsola tragus*, misappl.,  
 in part]  
 \**Salsola paulsenii* Litv. {SD 154095} BARBWIRE RUSSIAN-THISTLE  
 \**Salsola tragus* L. {SD 23594, 172592} PRICKLY RUSSIAN-THISTLE, TUMBLEWEED  
*Suaeda calceoliformis* (Hook.) Moq. {SD 28191} HORNED SEA-BLITE  
*Suaeda esteroa* Ferren & S.A. Whitmore {SD 145482} ESTUARY SEA-BLITE  
**1B.2 S2 G3**  
*Suaeda nigra* (Raf.) J.F. Macbr. {SD 21123} BUSH SEEPWEED  
 [S. moquini (Torr.) Greene]  
*Suaeda taxifolia* (Standl.) Standl. {SD 83496} WOOLLY SEA-BLITE  
 [S. californica S. Watson var. *pubescens* Jeps.] **4.2 S2S3 G3?**

## CISTACEAE – Rock-Rose Family

- \**Cistus incanus* L. {SD 162002} PURPLE ROCK-ROSE  
 [C. creticus L.; C. i. subsp. *corsicus* (Loisel.) Heywood; C. villosus L., incl vars.]  
 \**Cistus ladanifer* L. {SD 158737} GUM CISTUS  
 [C. ladaniferus, spelling variant]  
 \**Cistus salviifolius* L. {SD 167380} SAGELEAF ROCK-ROSE  
 †*Crocantemum aldersonii* (Greene) Janch. {SD 58936} ALDERSON'S RUSH-ROSE  
 [Helianthemum scoparium var. a. (Greene) Munz  
 †*Crocantemum scoparium* (Nutt.) Millsp. var. *scoparium* PEAK RUSH-ROSE  
 {SD 208792} [Helianthemum s. Nutt.] Note: Nomenclature follows Sorrie 2011.  
 †*Crocantemum scoparium* (Nutt.) Millsp. var. *vulgare* (Jeps.) Sorrie  
 {SD 71733} [Helianthemum s. Nutt. var. v. Jeps.] COAST PEAK RUSH-ROSE

## CLEOMACEAE – Spiderflower Family

- Cleomella obtusifolia* Torr. & Frém. {SD 118111} MOJAVE STINKWEED  
*Peritoma arborea* (Nutt.) H.H. Iltis var. *angustata* (Parish) H.H. Iltis  
 {SD 161787} [Isomeris arborea Nutt. var. *angustata* Parish] DESERT BADDERPOD  
*Peritoma arborea* (Nutt.) H.H. Iltis var. *arborea* COAST BLADDERPOD  
 {SD 148404} [Cleome isomeris Greene, Isomeris arborea Nutt.]  
*Peritoma arborea* (Nutt.) H.H. Iltis var. *globosa* (Coville) H.H. Iltis  
 {SD 10615} LARGE BLADDERPOD  
 [Isomeris arborea Nutt. var. *globosa* Coville, I. a. Nutt. var. *insularis* Jeps.]  
 \**Peritoma serrulata* (Pursh) DC. {UC 85558} ROCKY MOUNTAIN BEE PLANT  
 [Cleome serrulata Pursh]  
 \*†*Tarenaya hassleriana* (Chodat) H.H. Iltis {SD 104292} PINK QUEEN  
 [Cleome h. Chodat]  
*Wislizenia refracta* Engelm. subsp. *palmeri* (A. Gray) S. Keller JACKASS-CLOVER  
 {POM 153427} **2B.2 S1 G5T2T4**

## CONVOLVULACEAE – Morning-Glory Family [incl. Cuscutaceae]

- Calystegia longipes* (S. Watson) Brummitt {SD 106899} PAIUTE MORNING-GLORY  
*Calystegia macrostegia* (Greene) Brummitt subsp. *arida* (Greene) Brummitt  
 {SD 76078} SOUTHERN CALIFORNIA MORNING-GLORY  
*Calystegia macrostegia* (Greene) Brummitt subsp. *cyclostegia* (House) Brummitt  
 {SD 162656} COAST MORNING-GLORY  
*Calystegia macrostegia* (Greene) Brummitt subsp. *intermedia* (Abrams) Brummitt  
 {SD 80640} SOUTH COAST MORNING-GLORY  
 [C. m. subsp. *longiloba* (Abrams) Brummitt]  
*Calystegia macrostegia* (Greene) Brummitt subsp. *tenuifolia* (Abrams) Brummitt  
 {SD 126684} SAN DIEGO MORNING-GLORY  
*Calystegia occidentalis* (A. Gray) Brummitt subsp. *fulcrata* (A. Gray) Brummitt  
 {SD 70899} WESTERN MORNING-GLORY  
*Calystegia soldanella* (L.) R. Br. {SD 83489} SEASHORE MORNING-GLORY  
 \**Convolvulus arvensis* L. {SD 53609} FIELD BINDWEED  
*Convolvulus simulans* L.M. Perry {SD 15037} SMALL-FLOWER BINDWEED  
 4.2 S3.2 G3
- Cressa truxillensis* Kunth {SD 128535} ALKALI WEED  
 [C. t. var. *vallicola* (A.A. Heller) Munz]
- Cuscuta californica* Hook. & Arn. var. *californica* {SD 85301} CHAPARRAL DODDER  
*Cuscuta californica* Hook. & Arn. var. *papillosa* Yunck.  
 {SD 83417} ROUGH CHAPARRAL DODDER
- Cuscuta campestris* Yunck. {SD 138885} FIELD DODDER  
 [C. pentagona Engelm. var. *calycina* Engelm.]
- Cuscuta denticulata* Engelm. {SD 113650} DESERT DODDER  
*Cuscuta indecora* Choisy var. *indecora* {SD 20094} BIG-SEED ALFALFA DODDER  
*Cuscuta nevadensis* I.M. Johnst. {SD 167393} NEVADA DODDER
- Cuscuta pacifica* Costea & M. Wright var. *pacifica* {SD 122743}  
 [C. salina Engelm. var. *major* Yunck.] LARGE-FLOWER SALTMARSH DODDER
- Cuscuta pacifica* Costea & M. Wright var. *papillata* (Yunck.) Costea & M. Wright  
 {SD 145484} [C. salina Engelm. var. *papillata* Yunck.] ROUGH SALTMARSH DODDER
- Cuscuta salina* Engelm. {SD 28659} SALTMARSH DODDER  
 Note: See Costea et al. 2009 for an updated classification.
- Cuscuta subinclusa* Durand & Hilg. {SD 124287} CANYON DODDER  
 [C. ceanothi Behr]
- \*†*Dichondra micrantha* Urb. {SD 154858} ASIAN PONYFOOT  
*Dichondra occidentalis* House {SD 115240} WESTERN DICHONDRA/PONYFOOT  
 4.2 S3.2 G4?
- \**Ipomoea cairica* (L.) Sweet {SD 178068} IVY-LEAF MORNING-GLORY  
 \*†*Ipomoea indica* (Burm.) Merr. {SD 207417} OCEANBLUE MORNING-GLORY  
 \**Ipomoea purpurea* (L.) Roth {SD 7610} COMMON MORNING-GLORY

## CORNACEAE – Dogwood Family

- Cornus glabrata* Benth. {SD 27627} BROWN DOGWOOD  
*Cornus nuttallii* Audubon {SD 120504} MOUNTAIN DOGWOOD  
*Cornus sericea* L. subsp. *occidentalis* (Torr. & A. Gray) Fosberg  
 {SD 120534} [C. o. (Torr. & A. Gray) Cov.] WESTERN CREEK DOGWOOD  
*Cornus sericea* L. subsp. *sericea* {SD 12443} TYPICAL CREEK DOGWOOD

## CRASSULACEAE – Stonecrop Family

- \**Aeonium arboreum* (L.) Webb & Berthel. var. *arboreum* {SD 130883} CANARY ISLAND AEONIUM
- \**Aeonium haworthii* Webb & Berthel. {SD 130021} HAWORTH'S AEONIUM
- \**Cotyledon orbiculata* L. var. *oblonga* (Haw.) DC {SD 97013} PIG'S EAR
- Crassula aquatica* (L.) Schönl. {SD 106711} WATER PYGMYWEED
- Crassula connata* (Ruiz & Pav.) A. Berger {SD 80671} PYGMYWEED  
[*C. c.* var. *c.*, var. *erectoides* M. Bywater & Wickens, and var. *eremica* (Jeps.) M. Bywater & Wickens]
- \*†*Crassula multicava* Lem. subsp. *multicava* {SD 210501} FAIRY CRASSULA
- \**Crassula ovata* (Mill.) Druce {SD 144522} JADE PLANT  
[*Crassula argentea* Thunb.]
- Crassula solieri* (Gay) F. Meigen {SD 70981} SMOOTH-SEED PYGMYWEED
- \**Crassula tetragona* L. {SD 163337} CHINESE-PINE
- \**Crassula tillaea* Lest.-Garl. {SD 154093} MOSSY STONECROP
- Dudleya abramsii* Rose subsp. *abramsii* {SD 121690} ABRAMS'S DUDLEYA
- Dudleya arizonica* Rose {SD 49680} ARIZONA CHALK DUDLEYA  
[*D. pulverulenta* subsp. *a.* (Rose) Moran]
- Dudleya attenuata* (S. Watson) Moran subsp. *attenuata* ORCUTT'S DUDLEYA  
{SD 18277} [*D. a.* subsp. *orcuttii* (Rose) Moran] **2B.2 S1 G4T2**
- Dudleya blochmaniae* (Eastw.) Moran subsp. *blochmaniae* BLOCHMAN'S DUDLEYA  
{SD 117097} [*D. blochmaniae* (Eastw.) Moran] **1B.1 S2.1 G2T2**
- §§*Dudleya brevifolia* (Moran) Moran {SD 130030} SHORT-LEAF DUDLEYA  
[*D. blochmaniae* (Eastw.) Moran subsp. *brevifolia* Moran] **1B.1 S1.1 G2T1 CE**
- Dudleya cymosa* (Lem.) Britton & Rose subsp. *pumila* (Rose) K.M. Nakai  
{SD 162000} CANYON LIVEFOREVER
- Dudleya edulis* (Nutt.) Moran {SD 79393} LADIES' FINGERS
- Dudleya lanceolata* (Nutt.) Britton & Rose {SD 85830} LANCE-LEAF DUDLEYA
- Dudleya multicaulis* (Rose) Moran {SD 85668} MANY-STEM DUDLEYA  
**1B.2 S2 G2**
- Dudleya pulverulenta* (Nutt.) Britton & Rose {SD 161213} CHALK DUDLEYA
- Dudleya saxosa* (M.E. Jones) Britton & Rose subsp. *aloides* (Rose) Moran  
{SD 91013, 129790} [*D. alainae* Reiser] PANAMINT DUDLEYA
- §*Dudleya variegata* (S. Watson) Moran {SD 130044} VARIEGATED DUDLEYA  
**1B.2 S2.2 G2**
- Dudleya viscida* (S. Watson) Moran {SD 85742} STICKY DUDLEYA  
**1B.2 S2.2 G2**
- Sedum spathulifolium* Hook. {SD 137795} PACIFIC STONECROP  
[*Sedum spathulifolium* var. *pruinatum* (Britton) B. Boivin]

## CROSSOSOMATAACEAE – Crossosoma Family

- Crossosoma bigelovii* S. Watson {SD 121169} BIGELOW'S RAGGED ROCK FLOWER

## CUCURBITACEAE – Gourd Family

- Brandegea bigelovii* (S. Watson) Cogn. {HSC 38818} DESERT STAR VINE
- \**Citrullus lanatus* (Thunb.) Matsum. & Nakai var. *citroides* (L.H. Bailey) Mansf.  
{SD 152398} CITRUS, WATERMELON
- Cucurbita digitata* A. Gray {RSA 97166} FINGER-LEAVED GOURD
- Cucurbita foetidissima* Kunth {SD 113641} CALABAZILLA

- Cucurbita palmata* S. Watson {SD 120068} COYOTE MELON  
 \**Cucurbita pepo* L. var. *pepo* {SD 97002} PUMPKIN  
 [C. pepo L.]  
 \*†*Lagenaria siceraria* (Molina) Standley {SD 207418} BOTTLE GOURD  
*Marah macrocarpa* (Greene) Greene {SD 79414} MANROOT, WILD-CUCUMBER  
 [M. m. var. m.; M. macrocarpus, spelling variant]

## DATISACEAE – Datisca Family

- Datisca glomerata* (C. Presl) Baill. {SD 106107, 119586} DURANGO ROOT

## DIDIEREACEAE – Didieria Family

- \*†*Portulacaria afra* Jacq. {SD 178271} ELEPHANT FOOD, DWARF JADE

## DIPSACACEAE – Teasel Family

- \**Dipsacus fullonum* L. {SD 233219} WILD TEASEL  
 \**Dipsacus sativus* (L.) Honck. {SD 113640} FULLER'S TEASEL  
 \**Scabiosa atropurpurea* L. {SD 18292} MOURNING-BRIDE

## EBENACEAE – Ebony Family

- \*†*Diospyros virginiana* L. {SD 160232} AMERICAN PERSIMMON

## ELAEAGNACEAE – Oleaster Family

- \**Elaeagnus angustifolia* L. {SD 136225} OLEASTER, RUSSIAN-OLIVE

## ELATINACEAE – Waterwort Family

- Bergia texana* (Hook.) Walp. {SD 136226} TEXAS BERGIA  
*Elatine brachysperma* A. Gray {SD 113384} SHORT-SEED WATERWORT  
*Elatine californica* A. Gray {SD 106533} CALIFORNIA WATERWORT  
*Elatine chilensis* Gay {SD 212762} CHILEAN WATERWORT  
*Elatine rubella* Rydb. {RSA 134217} SOUTHWESTERN WATERWORT

## ERICACEAE – Heath Family

- Arbutus menziesii* Pursh {SD 137793} PACIFIC MADRONE  
 \*†*Arbutus unedo* L. {SD 164910} STRAWBERRY TREE  
*Arctostaphylos glandulosa* Eastw. subsp. *adamsii* (Munz) Munz  
 {SD 11001} LAGUNA MOUNTAIN MANZANITA  
 §*Arctostaphylos glandulosa* Eastw. subsp. *crassifolia* (Jeps.) P.V. Wells  
 {SD 85836} 1B.1 S2 G5T2 FE DEL MAR MANZANITA  
 †*Arctostaphylos glandulosa* Eastw. subsp. *cushingiana* (Eastw.) J.E. Keeley et al.  
 {SD 159036} CUSHING'S MANZANITA  
*Arctostaphylos glandulosa* Eastw. subsp. *glandulosa* EASTWOOD'S MANZANITA  
 {SD 159035} [A. g. subsp. *zacaensis* (Eastw.) P.V. Wells]  
 †*Arctostaphylos glandulosa* Eastw. subsp. *leucophylla* J.E. Keeley et al.  
 {SD 85613} WHITE-LEAF MANZANITA  
*Arctostaphylos glandulosa* Eastw. subsp. *mollis* (J.E. Adams) P.V. Wells  
 {SD 134293} TRANSVERSE RANGE MANZANITA  
*Arctostaphylos glauca* Lindl. {SD 166843} BIG-BERRY MANZANITA  
 [A. g. var. *puberula* J.T. Howell.]



- §*Arctostaphylos otayensis* Wiesl. & B. Schreib. {SD 140570} OTAY MANZANITA  
**1B.2 S2.1 G2**
- †*Arctostaphylos parryana* Lemmon subsp. *desertica* J.E. Keeley et al.  
 {SD 206669} PARRY MANZANITA
- Arctostaphylos patula* Greene {SD 85604} GREEN-LEAF MANZANITA  
 [A. p. subsp. *platyphylla* (A. Gray) P.V. Wells]
- Arctostaphylos pringlei* Parry subsp. *drupacea* (Parry) P.V. Wells  
 {SD 137790} PINK-BRACT MANZANITA
- Arctostaphylos pungens* Kunth {SD 106766} POINT-LEAF MANZANITA
- †*Arctostaphylos rainbowensis* J.E. Keeley & Massihi RAINBOW MANZANITA  
 {SD 135208} [In San Diego County this taxon previously recognized as A.  
 peninsularis P.V. Wells subsp. p.] **1B.1 S2.1 G2**
- Chimaphila menziesii* (D. Don) Spreng. {SD 119589} LITTLE PRINCE'S PINE
- §*Comarostaphylis diversifolia* (Parry) Greene subsp. *diversifolia* SUMMER-HOLLY  
 {SD 129803} **1B.2 S2 G3T2**
- Comarostaphylis diversifolia* (Parry) Greene subsp. *planifolia* (Jeps.) G.D. Wallace  
 {SD 134671} FLAT-LEAF SUMMER-HOLLY
- Ornithostaphylos oppositifolia* (Parry) Small BAJA CALIFORNIA BIRDBUSH  
 {SD 128497} **2B.1 S1 G4 CE**
- Pterospora andromedea* Nutt. {SD 129802} PINEDROPS
- Pyrola picta* Sm. {SD 119585, 143455} WHITE-VEIN WINTERGREEN
- Rhododendron occidentale* (Torr. & A. Gray) A. Gray WESTERN AZALEA  
 {SD 120544}
- Vaccinium ovatum* Pursh {SD 118363} CALIFORNIA HUCKLEBERRY
- Xylococcus bicolor* Nutt. {SD 84672} MISSION MANZANITA

### EUPHORBIACEAE – Spurge Family

- Acalypha californica* Benth. {SD 122401} CALIFORNIA COPPERLEAF
- Bernardia incana* C.V. Morton {SD 86170} WESTERN BERNARDIA  
 [B. *myricifolia* (Scheele) S. Watson not in California]
- Croton californicus* Müll. Arg. {SD 76077, 85281, 141368} CALIFORNIA CROTON  
 [C. c. var. *mohavensis* Ferg., var. *tenuis* (S. Watson) Ferg.]
- Croton setiger* Hook. {SD 129874} DOVEWEED  
 [Eremocarpus *setigerus* (Hook.) Benth.]
- Ditaxis lanceolata* (Benth.) Pax & K. Hoffm. {SD 121082} DESERT SILVERBUSH  
 [Argythamnia l. (Benth.) Müll. Arg.]
- Ditaxis neomexicana* (Müll. Arg.) A. Heller {SD 148381} NEW MEXICO DITAXIS  
 [Argythamnia n. Müll. Arg.]
- Ditaxis serrata* (Torr.) A. Heller var. *californica* (Brandegee) V.W. Steinm. & Felger  
 {SD 148380} CALIFORNIA DITAXIS  
 [D. c. (Brandegee) A. Heller] Note: This taxon may be a glabrous form of D.  
*neomexicana* and requires further study; personal communication, Yocupitza  
 Ramirez. **3.2 S2 G5T2T3**
- Ditaxis serrata* (Torr.) A. Heller var. *serrata* {HSC 7962} YUMA SILVERBUSH  
 [Argythamnia s. (Torr.) Muell.-Arg.]
- Euphorbia abramsiana* L.C. Wheeler {SD 160834} ABRAMS'S SANDMAT  
 [Chamaesyce a. (L.C. Wheeler) Koutnik] **2B.2 S2S3 G4**
- Euphorbia albomarginata* Torr. & A. Gray WHITE-MARGIN SANDMAT  
 {SD 99515} [Chamaesyce a. (Torr. & A. Gray) Small]

- Euphorbia arizonica* Engelm. {SD 83429} ARIZONA SPURGE  
[Chamaesyce a. (Engelm.) Arthur] **2B.3 S2 G5**
- Euphorbia crenulata* Engelm. {SD 113527} CHINESE CAPS
- \*†*Euphorbia cyathophora* Murray {SD 155380} FIRE-ON-THE-MOUNTAIN
- Euphorbia eriantha* Benth. {SD 119638} BEETLE SPURGE
- \*†*Euphorbia graminea* Jacq. {SD 155382} GRASS-LEAF SPURGE
- \*†*Euphorbia hypericifolia* L. {SD 157647} GRACEFUL SANDMAT  
[Chamaesyce h. (L.) Millsp.]
- †*Euphorbia hyssopifolia* L. {SD 160833} HYSSOP-LEAF SANDMAT  
[Chamaesyce h. (L.) Small] Note: This is a new record for California.
- \**Euphorbia lathyris* L. {SD 115659} CAPER SPURGE, GOPHER PLANT
- Euphorbia lurida* Engelm. {SD 118655} WOOD SPURGE  
[E. palmeri S. Watson]
- \**Euphorbia maculata* L. {SD 53652} SPOTTED SPURGE  
[Chamaesyce m. (L.) Small]
- Euphorbia melanadenia* Torr. {SD 128787} RATTLESNAKE SPURGE  
[Chamaesyce m. (Torr.) Millsp.]
- Euphorbia micromera* Boiss. {SD 118890} SONORA SANDMAT  
[Chamaesyce m. (Boiss.) Wooton & Standl.]
- Euphorbia misera* Benth. {SD 79872} CLIFF SPURGE  
**2B.2 S1 G5**
- Euphorbia parishii* Greene {CAS 179830} PARISH'S SPURGE  
[Chamaesyce p. (Greene) Millsp.]
- Euphorbia pediculifera* Engelm. {SD 62178} LOUSE SPURGE  
[Chamaesyce p. (Engelm.) Rose & Standl.]
- \**Euphorbia peplus* L. {SD 53661} PETTY SPURGE
- Euphorbia polycarpa* Benth. {SD 14686, 19870} SMALL-SEED SANDMAT  
[Chamaesyce p. (Benth.) Millsp.]
- Euphorbia revoluta* Engelm. {UCR 31843} ROLLED-LEAF SPURGE  
[Chamaesyce r. (Engelm.) Small] **4.3 S3.3 G5**
- \**Euphorbia seguieriana* Neck. {SD 235503} SIBERIAN SPURGE
- \**Euphorbia serpens* Kunth {SD 136288} CREEPING SPURGE  
[Chamaesyce s. (Kunth) Small]
- Euphorbia serpyllifolia* Pers. subsp. *hirtula* (S. Watson) Oudejans  
{SD 115723} HAIRY THYME-LEAF SPURGE  
[Chamaesyce s. (Pers.) Small subsp. *hirtula* (S. Watson) Koutnik]
- Euphorbia serpyllifolia* Pers. subsp. *serpyllifolia* THYME-LEAF SPURGE  
{SD 124521} [Chamaesyce s. (Pers.) Small subsp. *serpyllifolia*]
- Euphorbia setiloba* Engelm. {SD 122405} YUMA SPURGE  
[Chamaesyce s. (Engelm.) Parish]
- Euphorbia spathulata* Lam. {SD 131240} RETICULATE-SEED SPURGE
- \**Euphorbia terracina* L. {SD 186378} GERALDTON CARNATION SPURGE
- \**Euphorbia virgata* Waldst. & Kit. {SD 226184} LEAFY SPURGE  
[E. esula L. missappl.]
- \**Ricinus communis* L. {SD 118604} CASTOR BEAN
- Stillingia linearifolia* S. Watson {SD 118664} LINEAR-LEAF STILLINGIA
- Stillingia spinulosa* Torr. {SD 83454} ANNUAL STILLINGIA

## FABACEAE (LEGUMINOSAE) – Legume Family

- \**Acacia baileyana* F. Muell. {SD 162650} COOTAMUNDRA WATTLE
- \*†*Acacia cultriformis* G. Don. {SD 163607} KNIFE-LEAF WATTLE
- \**Acacia cyclops* G. Don {SD 145937} WESTERN COASTAL WATTLE
- \**Acacia dealbata* Link {SD 218226} SILVER WATTLE  
[*A. decurrens* Willd. var. *dealbata* (Link) Maiden]
- \*†*Acacia decurrens* Willd. {SD 164127} GREEN WATTLE
- \**Acacia longifolia* (Andrews) Willd. {SD 154473} SYDNEY GOLDEN WATTLE
- \**Acacia mearnsii* De Wild. {SD 162653} BLACK WATTLE
- \**Acacia melanoxylon* R. Br. {SD 169796} BLACKWOOD ACACIA
- \*†*Acacia murrayana* Benth. {SD 168034} SANDPLAIN WATTLE
- \*†*Acacia pendula* G. Don {SD 183362} WEeping ACACIA
- \**Acacia pycnantha* Benth. {SD 169793} GOLDEN WATTLE
- \*†*Acacia redolens* Maslin {SD 152397} VANILLA SCENTED WATTLE
- \*†*Acacia retinodes* Schltld. {SD 163344} EVERBLOOMING ACACIA
- \**Acacia saligna* (Labill.) H.L. Wendl. {SD 212766} GOLDEN WREATH WATTLE
- Acmispon americanus* (Nutt.) Rydb. var. *americanus* {SD 85351} SPANISH-CLOVER  
[*Lotus purshianus* Clem. & E.G. Clem. var. p.]
- Acmispon argophyllus* (A. Gray) Brouillet var. *argophyllus* {SD 111895} SILVER-LEAF LOTUS  
[*Lotus a.* (A. Gray) Greene]
- Acmispon argyraeus* (Greene) Brouillet var. *argyraeus* {DS 153646} CANYON LOTUS  
[*Lotus argyraeus* Greene var. a.]
- Acmispon brachycarpus* (Benth.) D.D. Sokoloff {SD 122394} HILL LOTUS  
[*Lotus humistratus* Greene]
- Acmispon glaber* (Vogel) Brouillet var. *brevialatus* (Ottley) Brouillet {SD 83430} SHORT-WING DEERWEED  
[*Lotus scoparius* (Torr. & A. Gray) Ottley var. b. Ottley]
- Acmispon glaber* (Vogel) Brouillet var. *glaber* {SD 107544} COASTAL DEERWEED  
[*Lotus scoparius* (Torr. & A. Gray) Ottley var. s.]
- Acmispon grandiflorus* (Benth.) Brouillet var. *grandiflorus* {SD 116578} GRAND LOTUS  
[*Lotus g.* (Benth.) Greene]
- ‡*Acmispon haydonii* (Orcutt) Brouillet {SD 111533} HAYDON'S LOTUS  
[*Lotus h.* (Orcutt) Greene] **1B.3 S2 G3**
- Acmispon heermannii* (Durand & Hilg.) Brouillet var. *heermannii* {SD 137779} HEERMANN'S LOTUS  
[*Lotus h.* (Durand & Hilg.) Greene]
- Acmispon maritimus* (Nutt.) D.D. Sokoloff var. *brevivexillus* (Ottley) Brouillet {SD 113627} HUMBLE LOTUS  
[*Lotus salsuginosus* Greene var. b. Ottley]
- Acmispon maritimus* (Nutt.) D.D. Sokoloff var. *maritimus* {SD 113628} ALKALI LOTUS  
[*Lotus salsuginosus* Greene var. s.]
- Acmispon micranthus* (Torr. & A. Gray) Brouillet {SD 129667} GRAB LOTUS  
[*Lotus hamatus* Greene]
- Acmispon nevadensis* (S. Watson) Brouillet var. *davidsonii* (Greene) Brouillet {UCR 7616} DAVIDSON'S LOTUS  
[*Lotus n.* var. d. (Greene) Isely]
- Acmispon nevadensis* (S. Watson) Brouillet var. *nevadensis* {SD 22059} SIERRA NEVADA LOTUS  
[*Lotus n.* (S. Watson) Greene var. n.]
- Acmispon parviflorus* (Benth.) D.D. Sokoloff {SD 106779} MINIATURE LOTUS  
[*Lotus micranthus* Benth.]
- Acmispon prostratus* (Torr. & A. Gray) Brouillet {SD 132712} PROSTRATE/NUTTALL'S LOTUS  
[*Lotus nuttallianus* Greene] **1B.1 S1 G1**

- Acmispon rigidus* (Benth.) Brouillet {SD 86134} BROOM LOTUS  
[*Lotus rigidus* (Benth.) Greene]
- Acmispon strigosus* (Nutt.) Brouillet BISHOP'S/STRIGOSE LOTUS  
{SD 85331, 86117, 122397} [*Lotus strigosus* (Nutt.) Greene]
- Acmispon wrangelianus* (Fisch. & C.A. Mey.) D.D. Sokoloff CALF LOTUS  
{SD 15021} [*Lotus w.* Fisch. & C.A. Mey.; *Lotus subpinnatus* Lag., misappl.]
- \**Albizia lophantha* (Willd.) Benth. {SD 178196} PLUME ACACIA  
[*A. distachya* J.F. Macbr.]
- Amorpha californica* Nutt. var. *californica* {SD 227923} CALIFORNIA FALSE INDIGO  
Note: It is uncertain whether the SD specimen is of native origin or not in this area.
- Amorpha fruticosa* L. {SD 85532} FALSE INDIGO  
[*A. f.* var. *occidentalis* (Abrams) Kearney & Peebles]
- Astragalus acutirostris* S. Watson {SD 144590} KEEL-BACK LOCOWEED
- Astragalus aridus* A. Gray {RSA 611932} PARCH LOCOWEED
- Astragalus coccineus* Brandegee CRIMSON LOCOWEED, SCARLET MILKVETCH  
{SD 118907}
- Astragalus crotalariae* (Benth.) Torr. {SD 122390} SALTON MILKVETCH  
4.3 S3.3 G4G5
- Astragalus curtipes* A. Gray {UCR 14985} MORRO MILKVETCH
- §§*Astragalus deanei* (Rydb.) Barneby {SD 136578} DEANE'S LOCOWEED/MILKVETCH  
1B.1 S2.1 G2
- Astragalus didymocarpus* Hook. & Arn. var. *didymocarpus*  
{SD 114772} WHITE DWARF LOCOWEED
- Astragalus didymocarpus* Hook. & Arn. var. *dispermus* (A. Gray) Jeps.  
{SD 115040} DESERT DWARF LOCOWEED
- Astragalus didymocarpus* Hook. & Arn. var. *obispoensis* (Rydb.) Jeps.  
{SD 26755} LARGE-FLOWER DWARF LOCOWEED
- Astragalus douglasii* (Torr. & A. Gray) A. Gray var. *douglasii*  
{SD 122361} DOUGLAS'S LOCOWEED
- Astragalus douglasii* (Torr. & A. Gray) A. Gray var. *parishii* (A. Gray) M.E. Jones  
{SD 122488} PARISH'S LOCOWEED
- Astragalus douglasii* (Torr. & A. Gray) A. Gray var. *perstrictus* (Rydb.) Munz &  
McBurney {SD 115523} 1B.2 S2.2 G5T2 JACUMBA MILKVETCH
- Astragalus gambelianus* E. Sheld. {SD 114771} GAMBEL'S LOCOWEED
- Astragalus insularis* Kellogg var. *harwoodii* Munz & McBurney  
{SD 24506} 2B.2 S2 G5T3 HARWOOD'S RATTLEWEED/MILKVETCH
- Astragalus lentiginosus* Douglas var. *borreganus* M.E. Jones BORREGO MILKVETCH  
{SD 115076} 4.3 S3.3 G5T4T5
- Astragalus magdalenae* Greene var. *peirsonii* (Munz & McBurney) Barneby  
{SD 230310} 1B.2 S2 G3G4T2 CE FT PEIRSON'S MILKVETCH
- Astragalus nutans* M. E. Jones PROVIDENCE MOUNTAIN MILKVETCH  
{RSA 605949} 4.3 S3.3 G3
- Astragalus nuttallianus* DC. var. *cedrosensis* M.E. Jones SCAMMON'S MILKVETCH  
{SD 115062}
- Astragalus nuttallianus* DC. var. *imperfectus* (Rydb.) Barneby  
{SD 115588} SMALL-FLOWER MILKVETCH
- §§*Astragalus oocarpus* A. Gray {SD 156809} SAN DIEGO MILKVETCH  
1B.2 S2.2 G2

- Astragalus pachypus* Greene var. *jaegeri* Munz & McBurney  
 {UC 55962} **1B.1 S1 G4T1** JAEGER'S BUSH MILKVETCH
- Astragalus pachypus* Greene var. *pachypus* {SD 122362} THICK-POD MILKVETCH
- Astragalus palmeri* A. Gray {SD 122391} PALMER'S LOCOWEED
- Astragalus pomonensis* M.E. Jones {SD 113700} POMONA LOCOWEED
- Astragalus sabulonum* A. Gray {POM 1659} GROUND LOCOWEED  
**2B.2 S2 G5**
- Astragalus tener* A. Gray var. *titi* (Eastw.) Barneby COASTAL DUNE MILKVETCH  
 {SD 37513} **1B.1 S1 G1T1 CE FE**
- Astragalus trichopodus* (Nutt.) A. Gray var. *lonchus* (M.E. Jones) Barneby  
 {SD 132795} [A. t. subsp. *leucopsis* (Torr. & A. Gray) Thorne] OCEAN LOCOWEED
- \**Caesalpinia gilliesii* (Hook.) D. Dietr. {SD 154686} BIRD-OF-PARADISE SHRUB
- \**Caesalpinia spinosa* (Molina) Kuntze {SD 212767} SPINY HOLDBACK
- Calliandra eriophylla* Benth. {SD 13002} PINK FAIRYDUSTER  
**2B.3 S2S3 G5**
- \*†*Caragana arborescens* Lam. {SD 67093} SIBERIA PEA-SHRUB
- Cercis occidentalis* A. Gray {SD 16000, 83607} WESTERN REDBUD
- \**Coronilla varia* L. {SD 152396} PURPLE CROWNVELTCH
- \*†*Crotalaria juncea* L. {SD 225699} SUNN HEMP
- \**Cytisus scoparius* (L.) Link {SD 179414} SCOTCH BROOM
- \**Cytisus striatus* (Hill.) Rothm. {SD 138870} PORTUGUESE BROOM
- Dalea mollis* Benth. {SD 26783} HAIRY PRAIRIE CLOVER
- Dalea mollissima* (Rydb.) Munz {SD 113604} SOFT PRAIRIE CLOVER
- \*†*Dolichos lignosus* L. {SD 130887} FLOWERING-BEAN
- \*†*Erythrina caffra* Thunb. {SD 178194} AFRICAN CORAL TREE
- \**Genista linifolia* L. {SD 191482} MEDITERRANEAN BROOM  
 [Cytisus l.(L.) Lam.]
- \**Genista monosperma* (L.) Lam. {SD 99520, 99521} BRIDAL VEIL BROOM
- \**Genista monspessulana* (L.) L.A.S. Johnson {SD 142851} FRENCH BROOM  
 [Cytisus m. L.]
- \*†*Gleditsia triacanthos* L. {SD 178069} HONEYLOCUST
- Glycyrrhiza lepidota* Pursh {SD 113542} WILD-LICORICE  
 [G. l. var. *glutinosa* (Nutt.) S. Watson]
- Hoffmannseggia glauca* (Ortega) Eifert {SD 124280} PIG NUT, HOG-POTATO  
 [H. densiflora A. Gray]
- Hoffmannseggia microphylla* Torr. {SD 143315} DESERT BIRD-OF-PARADISE  
 [Caesalpinia virgata Fisher]
- Hoita macrostachya* (DC.) Rydb. {SD 71689} LEATHER ROOT  
 [Psoralea m. DC.]
- Hoita orbicularis* (Lindl.) Rydb. {SD 121080} ROUND-LEAF PSORALEA  
 [Psoralea o. Lindl.]
- Hosackia crassifolia* Benth. var. *crassifolia* {SD 122489} BUCK LOTUS  
 [Lotus crassifolius (Benth.) Greene var. c.]
- §*Hosackia crassifolia* Benth. var. *otayensis* (Isely) Brouillet OTAY MOUNTAIN LOTUS  
 {SD 118461} [Lotus crassifolius (Benth.) Greene var. o. Isely] Note: Populations  
 in San Luis Obispo Co. may represent a new taxon; needs work. **1B.1 S1.1 G5T1**
- Hosackia oblongifolia* Benth. var. *oblongifolia* {SD 111605} STREAM LOTUS  
 [Lotus oblongifolius (Benth.) Greene var. o.]
- \**Lathyrus hirsutus* L. {SD 155385} CALEY PEA

- \**Lathyrus latifolius* L. {SD 134160} PERENNIAL PEA  
 \**Lathyrus odoratus* L. {SD 135219} SWEET PEA  
*Lathyrus splendens* Kellogg {SD 108742} PRIDE-OF-CALIFORNIA, CAMPO PEA  
 4.3 S3.3 G3G4
- \**Lathyrus tingitanus* L. {SD 24997} TANGIER PEA  
*Lathyrus vestitus* Nutt. var. *alefeldii* (T.G. White) Isely SAN DIEGO SWEET PEA  
 {SD 118485} [L. laetiflorus Greene subsp. a. (T.G. White) Bradshaw]  
*Lathyrus vestitus* Nutt. var. *vestitus* {SD 162652} CANYON SWEET PEA  
 \**Lotus corniculatus* L. {SD 191144} BIRDFOOT TREFOIL  
 \**Lotus tenuis* Willd. {SD 179703} SLENDER TREFOIL  
*Lupinus albifrons* Benth. var. *albifrons* {SD 85679} SILVER BUSH LUPINE  
 [L. a. subsp. *eminens* (Greene) Thorne]  
*Lupinus andersonii* S. Watson {SD 144461} ANDERSON'S LUPINE  
*Lupinus arboreus* Sims {SD 133685} YELLOW BUSH LUPINE  
*Lupinus arizonicus* (S. Watson) S. Watson {SD 83423} ARIZONA LUPINE  
*Lupinus benthamii* A. Heller {SD 138862} SPIDER LUPINE  
*Lupinus bicolor* Lindl. {SD 11367, 15218, 70914, 85539, 119103} MINIATURE LUPINE  
 [L. b. subsp. *marginatus* D.B. Dunn, subsp. *microphyllus* (S. Watson) D.B. Dunn,  
 subsp. *pipersmithii* (Heller) D.B. Dunn, subsp. *tridentatus* (C.P. Smith) D.B. Dunn,  
 subsp. *umbellatus* (Greene) D.B. Dunn; L. *polycarpus* Greene]  
*Lupinus concinnus* J. Agardh BAJADA LUPINE  
 {SD 83385, 86024, 86028, 86125, 113414, 28604} [L. c. var. *agardhianus* (Heller)  
 Smith, var. *brevior* (Jeps.) D.B. Dunn, var. *c.*, var. *optatus* (C.P. Smith) D.B. Dunn,  
 var. *orcuttii* (S. Watson) D.B. Dunn; L. *pallidus* (Brandege) C.P. Smith]  
*Lupinus excubitus* M.E. Jones var. *austromontanus* (A. Heller) C.P. Sm.  
 {SD 85793} GRAPE SODA LUPINE  
*Lupinus excubitus* M.E. Jones var. *hallii* (Abrams) C.P. Sm. HALL'S BUSH LUPINE  
 {SD 85985}
- §*Lupinus excubitus* M.E. Jones var. *medius* (Jeps.) Munz  
 {SD 122395} 1B.3 S2 G4T2T3 MOUNTAIN SPRINGS BUSH LUPINE  
 †*Lupinus formosus* Greene var. *bridgesii* (S. Watson) Greene BRIDGES'S LUPINE  
 {SD 18138}
- Lupinus formosus* Greene var. *formosus* {SD 115530} SUMMER LUPINE  
*Lupinus formosus* Greene var. *robustus* C.P. Sm. GIANT WESTERN LUPINE  
 {SD 17055}
- Lupinus hirsutissimus* Benth. {SD 114981} STINGING LUPINE  
*Lupinus hyacinthinus* Greene {SD 27530} SAN JACINTO LUPINE  
*Lupinus latifolius* J. Agardh var. *parishii* C.P. Sm.  
 {SD 86035} PARISH'S STREAM LUPINE  
*Lupinus longifolius* (S. Watson) Abrams {SD 85734} PAUMA LUPINE  
*Lupinus microcarpus* Sims var. *densiflorus* (Benth.) Jeps. CHICK LUPINE  
 {SD 72128} [L. *densiflorus* Benth. subsp. *lacteus* (Kell.) C.P. Sm.]  
*Lupinus microcarpus* Sims var. *microcarpus* {SD 80598} RED-FLOWER LUPINE  
 [L. *densiflorus* Benth. var. *austrocollium* C.P. Sm.; L. *ruber* A. Heller]  
*Lupinus nanus* Benth. {SD 134665} VALLEY SKY LUPINE  
*Lupinus shockleyi* S. Watson {SD 25790} DESERT LUPINE  
*Lupinus sparsiflorus* Benth. {SD 85404, 85661} COULTER'S LUPINE  
 [L. s. subsp. *s.*, var. *inopinatus* C.P. Sm.]  
*Lupinus succulentus* K. Koch {SD 15041} ARROYO LUPINE

- Lupinus truncatus* Nutt. {SD 124518} COLLAR LUPINE
- Marina parryi* (Torr. & A. Gray) Barneby {SD 105414} PARRY'S DALEA
- \**Medicago arabica* (L.) Huds. {UCR 1635A} SPOTTED BURCLOVER
- \**Medicago lupulina* L. {SD 106721} BLACK MEDICK, YELLOW TREFLOIL
- \**Medicago minima* (L.) Bartal. {SD 215543} BURCLOVER
- \**Medicago polymorpha* L. {SD 119061} CALIFORNIA BURCLOVER
- \**Medicago sativa* L. {SD 16909} ALFALFA, LUCERNE
- \**Melilotus albus* Medik. {SD 80490} WHITE SWEETCLOVER
- \**Melilotus indicus* (L.) All. {SD 80499} INDIAN SWEETCLOVER
- \**Melilotus officinalis* Lam. {SD 22904} YELLOW SWEETCLOVER
- Olneya tesota* A. Gray {SD 113592} IRONWOOD
- \**Parkinsonia aculeata* L. {SD 160612} MEXICAN PALO VERDE
- Parkinsonia florida* (A. Gray) S. Watson {SD 119633} BLUE PALO VERDE  
[*Cercidium floridum* A. Gray, incl subsp. f.]
- Pediomelum californicum* (S. Watson) Rydb. {SD 208614} CALIFORNIA BREADROOT
- Pickeringia montana* Nutt. var. *montana* {SD 163339} CHAPARRAL-PEA
- Pickeringia montana* Nutt. var. *tomentosa* (Abrams) I.M. Johnst.  
{SD 118469} 4.3 S2 S4.3 G5T2T4 HAIRY CHAPARRAL-PEA
- \**Pisum sativum* L. {SD 162655} GARDEN PEA
- \*†*Prosopis glandulosa* Torr. var. *glandulosa* {SD 167383, 115706} MESQUITE
- Prosopis glandulosa* Torr. var. *torreyana* (L.D. Benson) M.C. Johnst.  
{SD 83591} HONEY MESQUITE
- Prosopis pubescens* Benth. {SD 80930} SCREW-BEAN MESQUITE
- \**Prosopis velutina* Wooton {SD 142951} VELVET MESQUITE
- Psoralea emoryi* (A. Gray) Rydb. var. *emoryi* {SD 83456} WHITE DALEA  
Note: Vars. of this species not recognized in Jepson II.
- Psoralea schottii* (Torr.) Barneby {SD 83433} INDIGO BUSH
- Psoralea spinosa* (A. Gray) Barneby {SD 128211} SMOKE TREE
- \**Robinia neomexicana* A. Gray {SD 163227} DESERT LOCUST
- \**Robinia pseudoacacia* L. {SD 162654} BLACK LOCUST
- Rupertia physodes* (Douglas) J.W. Grimes {SD 15504} CALIFORNIA TEA  
[*Psoralea* p. Dougl.]
- Rupertia rigida* (Parish) J.W. Grimes {SD 70903} PARISH'S PSORALEA  
[*Psoralea* r. Parish] 4.3 S3.3 G3
- Senegalia greggii* (A. Gray) Britton & Rose {SD 67719} CATCLAW ACACIA  
[*Acacia greggii* A. Gray; A. g. var. *arizonica* Isely]
- Senna armata* (S. Watson) H.S. Irwin & Barneby {SD 113581} SPINY SENNA
- \*†*Senna artemisioides* (DC.) Randell {SD 179436} SILVER SENNA
- Senna covesii* (A. Gray) H.S. Irwin & Barneby {SD 51802} COUES'S CASSIA  
2B.2 S2 G5?
- \**Senna didymobotrya* (Fresen.) H.S. Irwin & Barneby {SD 148361} AFRICAN SENNA
- \*†*Sesbania emerus* (Aubl.) Urb. {SD 18296} RIVERHEMP  
Note: Specimen might have been cultivated.
- \*†*Sesbania punicea* (Cav.) Benth. {SD 207419} SCARLET SESBAN
- \**Spartium junceum* L. {SD 66921} SPANISH BROOM
- §§*Thermopsis californica* S. Watson var. *semota* (Jeps.) C.J. Chen & B.L. Turner  
{SD 131843} 1B.2 S2.1 G3T2 VELVETY FALSE-LUPINE  
[*T. macrophylla* Hooker & Arn. subsp. *semota* (Jeps.) Beauch.]
- Trifolium albopurpureum* Torr. & A. Gray {SD 85371} RANCHERIA CLOVER  
[*T. a.* var. *a.*]

- Trifolium bifidum* A. Gray var. *decipiens* Greene {SD 136564} PINOLE CLOVER  
 \**Trifolium campestre* Schreb. {SD 156651} HOP CLOVER  
 [T. procumbens L.]
- Trifolium ciliolatum* Benth. {SD 106466} TREE CLOVER  
*Trifolium depauperatum* Desv. var. *amplectens* (Torr. & A. Gray) McDermott  
 {SD 10651} [T. amplectens Torr. & A. Gray] BALLOON-SACK CLOVER  
*Trifolium depauperatum* Desv. var. *truncatum* (Greene) Isely  
 {SD 106544} [T. t. Greene] DWARF-SACK CLOVER  
 \**Trifolium dubium* Sibth. {SD 194134} LITTLE HOP CLOVER  
 \**Trifolium fragiferum* L. {SD 155187} STRAWBERRY CLOVER  
*Trifolium fucatum* Lindley {UC 80505} [T. f. var. f.] BULL CLOVER  
*Trifolium gracilentum* Torr. & A. Gray {SD 85355} PIN-POINT CLOVER  
 [T. g. var. g.]
- \**Trifolium hirtum* All. {SD 120706} ROSE CLOVER  
 \**Trifolium incarnatum* L. {SD 159332} CRIMSON CLOVER  
*Trifolium microcephalum* Pursh {SD 76119} MAIDEN CLOVER  
*Trifolium obtusiflorum* Hook. {SD 32984} CREEK CLOVER  
 \**Trifolium pratense* L. {SD 113228} RED CLOVER  
 \**Trifolium repens* L. {SD 113229} WHITE CLOVER  
 \**Trifolium subterraneum* L. {SD 188576} SUBTERRANEAN CLOVER  
*Trifolium variegatum* Nutt. var. *geminiflorum* (Greene) Vincent  
 {SD 58934} WHITE-TIP CLOVER, SMALL-FLOWER VARIEGATED CLOVER  
 [T. v. phase 5 in Jepson (1993); T. v. var. pauciflorum (Nutt.) McDermott, misappl.]
- Trifolium variegatum* Nutt. var. *major* Lojac. LARGE VARIEGATED CLOVER  
 {SD 173906} [T. appendiculatum Lojac. var. a.; T. v. var. melananthum (Hook. & Arn.) Greene; T. v. phase 2 in Jepson I (1993)]
- Trifolium variegatum* Nutt. var. *variegatum* {SD 86099} VARIEGATED CLOVER  
*Trifolium willdenovii* Spreng. {SD 80582, 85806} VALLEY CLOVER  
 [T. tridentatum Lindley var. t., var. aciculare (Nutt.) McDermott]
- Trifolium wormskioldii* Lehm. {SD 70321} COW CLOVER  
 \**Ulex europaeus* L. {SD 235124} GORSE  
 \**Vachellia farnesiana* (L.) Wight & Arn. var. *farnesiana* SWEET ACACIA  
 {SD 83076} [Acacia farnesiana (L.) Willd.]
- Vachellia farnesiana* (L.) Wight & Arn. var. *minuta* (M.E. Jones) Seigler & Ebinger  
 {SD 127846} DWARF SWEET ACACIA  
 [Acacia minuta (M.E. Jones) R.M. Beauch.; A. farnesiana (L.) Willd. subsp. minuta (M.E. Jones) Ebinger et al.]
- Vicia americana* Willd. subsp. *americana* {SD 73590} AMERICAN VETCH  
 \**Vicia benghalensis* L. {SD 136838} PURPLE VETCH  
 \**Vicia faba* L. {SD 141401} BROAD BEAN, HORSE BEAN  
*Vicia hassei* S. Watson {SD 115119} SLENDER VETCH  
*Vicia ludoviciana* Torr. & A. Gray subsp. *ludoviciana* DEER PEA VETCH  
 {SD 128577} [V. l. var. l.]
- \**Vicia sativa* L. subsp. *nigra* (L.) Erhart NARROW-LEAF VETCH, COMMON VETCH  
 {SD 115650} [V. angustifolia Reichard]  
 \**Vicia sativa* L. subsp. *sativa* {SD 152394} SPRING VETCH  
 \**Vicia tetrasperma* (L.) Schreb. {SD 37863} SPARROW VETCH  
 \**Vicia villosa* Roth subsp. *varia* (Host) Corb. {SD 110415} HAIRY VETCH  
 \**Vicia villosa* Roth subsp. *villosa* {SD 17595} WINTER VETCH



## FAGACEAE – Oak Family

- Quercus xacutidens* Torr. {SD 155611} TORREY'S SCRUB OAK  
[*Q. cornelius-mulleri* x *Q. engelmannii*]
- Quercus agrifolia* Née var. *agrifolia* {SD 129864} COAST LIVE OAK, ENCINA  
*Quercus agrifolia* Née var. *oxyadenia* (Torr.) J.T. Howell {SD 12442} INTERIOR COAST LIVE OAK
- Quercus agrifolia* x *Q. wislizeni* {SD 13910}  
Note: *Q. agrifolia* var. *oxyadenia* is likely one parent.
- Quercus berberidifolia* Liebm. {SD 158128} SCRUB OAK
- Quercus berberidifolia* x *Q. engelmannii* Ewan. {SD 128239}
- Quercus cedrosensis* C.H. Mull. {SD 140563} CEDROS ISLAND OAK
- 2B.2 S1 G2?
- Quercus chrysolepis* Liebm. {SD 76052, 95055} CANYON LIVE OAK
- Quercus cornelius-mulleri* Nixon & K.P. Steele {SD 95070} DESERT SCRUB OAK
- Quercus dumosa* Nutt. {SD 113941} NUTTALL'S SCRUB OAK
- 1B.1 S2 G2
- Quercus engelmannii* Greene {SD 98740} ENGELMANN'S/MESA BLUE OAK
- 4.2 S3.2 G3
- Quercus xganderi* C. B. Wolf {SD 29885} GANDER'S OAK  
[*Q. agrifolia* x *Q. kelloggii*]
- \**Quercus ilex* L. {SD 158305} HOLLY OAK
- Quercus kelloggii* Newb. {SD 1087} CALIFORNIA BLACK OAK
- Quercus xmorehus* Kellogg {SD 34521} ORACLE OAK  
[*Q. kelloggii* x *Q. wislizeni* var. *frutescens*]
- Quercus palmeri* (Engelm.) Engelm. {SD 25825} PALMER'S OAK  
[*Q. dunnii* Kellogg, ined.]
- Quercus wislizeni* A. DC. var. *frutescens* Engelm. {SD 95077} SCRUB LIVE OAK
- Quercus wislizeni* A. DC. var. *wislizeni* {SD 223577} INTERIOR LIVE OAK

## FOUQUIERIACEAE – Ocotillo Family

- Fouquieria splendens* Engelm. subsp. *splendens* {SD 16729} OCOTILLO

## FRANKENIACEAE – Frankenia Family

- Frankenia palmeri* S. Watson {SD 39971} PALMER'S FRANKENIA
- 2B.1 S1 G3G4
- \**Frankenia pulverulenta* L. {SD 226185} EUROPEAN SEA-HEATH
- Frankenia salina* (Molina) I.M. Johnst. {SD 79881} ALKALI-HEATH

## GARRYACEAE – Silk Tassel Family

- Garrya flavescens* S. Watson {SD 15898, 70916} ASHY SILK TASSEL  
[*G. f.* subsp. *f.*, subsp. *pallida* (Eastw.) Dahling]
- Garrya fremontii* Torr. {SD 122709} BEARBRUSH/FREMONT'S SILK TASSEL
- Garrya veatchii* Kellogg {SD 119076} CANYON SILK TASSEL, O. P.

## GENTIANACEAE – Gentian Family

- \**Centaurium pulchellum* (Sw.) Hand.-Mazz. et al. {SD 225169} LESSER CENTAURY
- Eustoma exaltatum* (L.) G. Don subsp. *exaltatum* {SD 19887} ALKALI CHALICE
- Frasera parryi* Torr. {SD 115522} [Swertia parryi (Torr.) Kuntze] DEER'S EARS

- Zeltnera exaltata* (Griseb.) G. Mans. {SD 128596} CENTAURY  
 [Centaurium exaltatum (Griseb.) Piper]  
*Zeltnera venusta* (A. Gray) G. Mans. {SD 119121} CANCHALAGUA  
 [Centaurium venustum (A. Gray) Robinson]

## GERANIACEAE – Geranium Family

- California macrophylla* (Hook. & Arn.) J.J. Aldasoro et al.  
 {SD 28412} CALIFORNIA LARGE-LEAF FILAREE/STORKSBILL  
 [Erodium m. Hook. & Arn., E. m. var. m.] **1B.1 S2 G2**  
 \**Erodium botrys* (Cav.) Bertol. {SD 104393} LONG-BEAK FILAREE/STORKSBILL  
 \**Erodium brachycarpum* (Godr.) Thell. {SD 14238} SHORT-BEAK FILAREE/  
 STORKSBILL  
 \**Erodium cicutarium* (L.) Aiton {SD 122398} RED-STEM FILAREE/STORKSBILL  
 \**Erodium cygnorum* Nees {POM 47368} SWAN FILAREE/STORKSBILL  
 \**Erodium malacoides* (L.) Aiton {SD 225700} MALLOW-LEAF FILAREE/STORKSBILL  
 \**Erodium moschatum* (L.) Aiton {SD 13379} WHITE-STEM FILAREE/STORKSBILL  
*Erodium texanum* A. Gray {SD 8678} DESERT FILAREE/STORKSBILL  
 \**Geranium aequale* (Bab.) Aedo {UC 162525} AWNLESS GERANIUM  
*Geranium californicum* G.N. Jones & F.L. Jones {SD 135246} CALIFORNIA GERANIUM  
*Geranium carolinianum* L. {SD 53685} CAROLINA GERANIUM  
 \**Geranium core-core* Steud. {SD 204731} PINK-PETAL TRAILING GERANIUM  
 \**Geranium dissectum* L. {SD 160017} CUT-LEAF GERANIUM  
 \*†*Geranium incanum* Burm. f. {SD 186363} CARPET GERANIUM  
 \*†*Geranium palmatum* Cav. {SD 152393} CANARY ISLAND GERANIUM  
 [G. anemonifolium L'Hér.]  
 \**Geranium rotundifolium* L. {SD 223578} ROUND-LEAF GERANIUM  
 \**Pelargonium grossularioides* (L.) L'Hér. {SD 99531} COCONUT-SCENT GERANIUM  
 \**Pelargonium xhortorum* L. Bailey {SD 144523} ZONAL GERANIUM  
 \*†*Pelargonium peltatum* (L.) L'Hér. {SD 218225} IVY GERANIUM

## GOODENIACEAE – Goodenia Family

- \*†*Scaevola* sp. {SD 179437} FAN FLOWER

## GRATIOLACEAE – Gratiola Family

- \**Bacopa monnieri* (L.) Wettst. {SD 139865} WATER-HYSSOP

## GROSSULARIACEAE – Gooseberry Family

- Ribes amarum* McClatchie {SD 110431} BITTER GOOSEBERRY  
 \**Ribes aureum* Pursh var. *aureum* {SD 136418} GOLDEN CURRANT  
 Note: Native to California but apparently naturalized in San Diego Co.  
 \**Ribes aureum* Pursh var. *gracillimum* (Coville & Britton) Jeps.  
 {SD 235125} SLENDER GOLDEN CURRANT  
 Note: Native to California but possibly naturalized in San Diego Co.; single  
 population well-established and persisting as of 2014.  
 §§*Ribes canthariforme* Wiggins {SD 110285} MORENO CURRANT  
**1B.3 S2 G2**  
*Ribes indecorum* Eastw. {SD 131262} WHITE-FLOWER CURRANT  
*Ribes malvaceum* Sm. var. *viridifolium* Abrams {SD 135249} CHAPARRAL CURRANT  
*Ribes nevadense* Kellogg {SD 128274} MOUNTAIN PINK CURRANT

- Ribes quercetorum* Greene {SD 195171} OAK GOOSEBERRY  
*Ribes roezlii* Regel var. *roezlii* {SD 118440} SIERRA GOOSEBERRY  
*Ribes speciosum* Pursh {SD 131261} FUCHSIA-FLOWER GOOSEBERRY  
*Ribes velutinum* Greene {SD 112111} DESERT GOOSEBERRY  
 Note: Integrades with *Ribes quercetorum*; needs further study.  
*Ribes viburnifolium* A. Gray SANTA CATALINA ISLAND/EVERGREEN CURRANT  
 {SD 128778} **1B.2 S2 G2**

**HALORAGACEAE – Water-Milfoil Family**

- \**Myriophyllum aquaticum* (Vell.) Verdc. {UC 1191972} PARROT'S FEATHER  
*Myriophyllum sibiricum* Kom. {SD 12083} AMERICAN MILFOIL  
 [M. exalbescens Fern.]  
 \**Myriophyllum spicatum* L. {SD 160830} EURASIAN MILFOIL

**HYPERICACEAE – St. John's Wort Family**

- Hypericum anagalloides* Cham. & Schldt. {SD 122924} PYGMY ST. JOHN'S WORT  
 \**Hypericum canariense* L. {SD 120494} CANARY ISLAND ST. JOHN'S WORT  
*Hypericum scouleri* Hook. {SD 121085} SCOULER'S ST. JOHN'S WORT  
 [H. formosum Kunth var. *scouleri* (Hook.) J.M. Coult.]  
 \**Hypericum perforatum* L. subsp. *perforatum* {SD 21861} KLAMATH WEED

**JUGLANDACEAE – Walnut Family**

- \**Carya illinoensis* (Wangenh.) K. Koch {SD 178067} PECAN  
*Juglans californica* S. Watson var. *californica*  
 {SD 15500} **4.2 S3.2 G3** SOUTHERN CALIFORNIA BLACK WALNUT  
 \**Juglans hindsii* R.E. Sm. {SD 222663} NORTHERN CALIFORNIA BLACK WALNUT  
 \*†*Juglans nigra* L. {SD 184507} BLACK WALNUT

**KRAMERIACEAE – Rhatany Family**

- Krameria bicolor* S. Watson {SD 67657} WHITE RHATANY  
 [Krameria grayi Rose & Painter]  
*Krameria erecta* Schult. {SD 124282} PIMA RHATANY, PURPLE-HEATHER  
 [K. parvifolia Benth. var. *imparata* Macbr.]

**LAMIACEAE (LABIATAE) – Mint Family**

- Acanthomintha ilicifolia* (A. Gray) A. Gray {SD 99567} THORN MINT  
**1B.1 S2 G2 CE FT**  
*Clinopodium chandleri* (Brandege) P.D. Cantino & Wagstaff SAN MIGUEL SAVORY  
 {SD 99545} [Satureja chandleri (Brandege) Druce] **1B.2 S2 G2**  
*Condea emoryi* (Torr.) Harley & J.F.B. Pastore {SD 38550} DESERT-LAVENDER  
 [Hyptis emoryi Torr.]  
 \**Lamium amplexicaule* L. {SD 70722} HENBIT  
 \*†*Lavandula dentata* L. {SD 232815} FRENCH LAVENDER  
 \*†*Leonurus sibiricus* L. {SD 142769} HONEYWEED  
*Lepechinia cardiophylla* Epling {SD 99507} HEART-LEAF PITCHER SAGE  
**1B.2 S2.2 G2**  
 §*Lepechinia ganderi* Epling {SD 48164} GANDER'S PITCHER SAGE  
**1B.3 S2.2 G2**  
 \**Marrubium vulgare* L. {SD 115699} HOREHOUND

- \**Melissa officinalis* L. {SD 154692} LEMON BALM  
 \**Mentha aquatica* L. {SD 106611} WATERMINT  
*Mentha canadensis* L. {SD 71722} AMERICAN CORNMINT  
 \**Mentha pulegium* L. {RSA 409930} PENNYROYAL  
 \**Mentha Xsmithiana* R.A. Graham {SD 223579} RED-STEM MINT  
 \**Mentha spicata* L. {SD 16169} SPEARMINT  
 \**Mentha suaveolens* Ehrh. {SD 168039} PINEAPPLE MINT  
 [M. rotundifolia (L.) Huds., misappl.]
- Monardella breweri* subsp. *breweri* X subsp. *lanceolata* {SD 113343}  
*Monardella breweri* A. Gray subsp. *lanceolata* (A. Gray) A.C. Sanders & Elvin  
 {SD 118410} [M. lanceolata A. Gray] MUSTANG MINT  
*Monardella breweri* A. Gray subsp. *microcephala* (A. Gray) Elvin & A.C. Sanders  
 {SD 139235} SMALL HEAD MUSTANG MINT  
*Monardella hypoleuca* A. Gray subsp. *intermedia* A.C. Sanders & Elvin  
 {SD 43983} **1B.3 S2S3 G4T2T3** BICOLOR MONARDELLA  
 §*Monardella hypoleuca* A. Gray subsp. *lanata* (Abrams) Munz  
 {SD 118601} **1B.2 S2.2 G4T2** FELT-LEAF MONARDELLA  
*Monardella linoides* A. Gray subsp. *linoides* NARROW-LEAF MONARDELLA  
 {SD 114971}  
*Monardella macrantha* A. Gray subsp. *hallii* (Abrams) Abrams  
 {SD 115177} **1B.3 S3 G5T3** HALL'S MONARDELLA  
*Monardella macrantha* A. Gray subsp. *macrantha* SCARLET MONARDELLA  
 {SD 120537}  
 †*Monardella nana* A. Gray subsp. *arida* (H.M. Hall) Abrams DESERT MONARDELLA  
 {SD 222107}  
 †*Monardella nana* A. Gray subsp. *leptosiphon* (Torr.) Abrams  
 {SD 133605} **1B.2 S2 G4G5T2Q** SAN FELIPE MONARDELLA  
*Monardella nana* A. Gray subsp. *nana* {SD 217811} YELLOW MONARDELLA  
 Note: Subspecies nana in our region does not match all of the descriptive characters listed in Jepson II; needs further study.  
 †*Monardella nana* A. Gray subsp. *tenuiflora* (S. Watson) Abrams  
 {SD 164217} SLENDER-FLOWER MONARDELLA  
 §*Monardella stoneana* Elvin & A.C. Sanders JENNIFER'S MONARDELLA  
 {SD 157516} **1B.2 S1.2 G1**  
 §§*Monardella viminea* Greene {SD 106423} WILLOWY MONARDELLA  
 [M. linoides A. Gray subsp. v. (Greene) Abrams] **1B.1 S1 G1 CE FE**  
 §§*Pogogyne abramsii* J.T. Howell {SD 132862} SAN DIEGO MESA MINT  
**1B.1 S1 G1 CE FE**  
 §*Pogogyne nudiuscula* A. Gray {SD 121044} OTAY MESA MINT  
**1B.1 S1 G1 CE FE** Note: Also cited in Baja California.
- Prunella vulgaris* L. var. *lanceolata* (W.P.C. Barton) Fernald SELF-HEAL  
 {SD 22153} [P. v. subsp. l. (W.P.C. Barton) Hultén]  
*Pycnanthemum californicum* Durand {SD 71652} MOUNTAIN MINT  
*Salvia apiana* Jeps. {SD 14535, 85937} WHITE SAGE  
 [S. a. var. a.; S. a. var. compacta Munz]  
 †*Salvia apiana* X *S. mellifera* {SD 27157}  
 †*Salvia apiana* X *S. munzii* {SD 159322}  
*Salvia carduacea* Benth. {SD 133699} THISTLE SAGE  
*Salvia clevelandii* (A. Gray) Greene {SD 133606} FRAGRANT SAGE

- Salvia columbariae* Benth. {SD 118135} CHIA  
[S. c. var. zieglerei Munz]
- Salvia eremostachya* Jeps. {SD 99565} DESERT/SUNNY SAGE  
4.3 S3.3 G4G5
- Salvia leucophylla* Greene {SD 135259} SAN LUIS PURPLE SAGE
- Salvia mellifera* Greene {SD 80618} BLACK SAGE
- Salvia munzii* Epling {SD 128388} MUNZ'S SAGE  
2B.2 S2.2 G3
- Salvia pachyphylla* Munz subsp. *pachyphylla* {SD 4296} ROSE SAGE  
Note: Subsp. not in Jepson II, but are recognized by Taylor and Ayers 2006.
- †*Salvia xpalmeri* (A. Gray) Greene {SD 123449} PALMER'S SAGE  
[S. apiana x S. clevelandii]
- Salvia sonomensis* Greene {SD 73583} CREEPING SAGE
- Salvia spathacea* Greene {SD 134657} HUMMINGBIRD SAGE
- Salvia vaseyi* (Porter) Parish {SD 21709} WAND SAGE
- \*†*Satureja thymbra* L. {SD 215722} THYME-LEAF SAVORY
- Scutellaria bolanderi* A. Gray subsp. *austromontana* Epling {SD 128610} SOUTHERN SKULLCAP  
1B.2 S2 G4T2
- Scutellaria mexicana* (Torr.) A.J. Paton {SD 216768} BLADDER-SAGE  
[Salazaria m. Torr.]
- Scutellaria siphocampyloides* Vatke {UC 25789} AUSTIN'S SKULLCAP  
[S. angustifolia var. canescens A. Gray; S. austiniiae Eastw.; S. linearifolia Eastw.]
- Scutellaria tuberosa* Benth. {SD 130548} DANNY'S SKULLCAP  
[S. t. subsp. australis Epling]
- Stachys ajugoides* Benth. {SD 178070} AJUGA HEDGE-NETTLE  
[S. a. Benth. var. a.]
- Stachys bullata* Benth. {SD 134157} CALIFORNIA HEDGE-NETTLE
- Stachys rigida* Benth. var. *quercetorum* (A. Heller) G.A. Mulligan & D.B. Munro {SD 154556} OAK HEDGE-NETTLE
- Stachys rigida* Benth. var. *rigida* {SD 223580} RIGID HEDGE-NETTLE  
[S. ajugoides Benth. var. rigida (Benth.) Jeps. & Hoover]
- Stachys stebbinsii* G.A. Mulligan & D.B. Munro {SD 215723} STEBBINS'S HEDGE-NETTLE  
Note: Previously lumped into S. ajugoides Benth. var. rigida (Benth.) Jeps. & Hoover.
- Trichostema austromontanum* H. Lewis subsp. *austromontanum* {SD 128615} SAN JACINTO BLUECURLS
- Trichostema lanatum* Benth. {SD 110421} WOOLLY BLUECURLS
- Trichostema lanceolatum* Benth. {SD 38758} VINEGAR WEED
- Trichostema parishii* Vasey {SD 130531} MOUNTAIN BLUECURLS

## LIMNANTHACEAE – Meadowfoam Family

- §*Limnanthes alba* Benth. subsp. *parishii* (Jeps.) Morin {SD 114962} PARISH'S MEADOWFOAM  
[Limnanthes gracilis Howell subsp. parishii (Jeps.) Beach.]  
1B.2 S2.2 G3T2T3 CE

## LINACEAE – Flax Family

- Hesperolinon micranthum* (A. Gray) Small {SD 84659} THREAD-STEM DWARF-FLAX
- \**Linum grandiflorum* Desf. {SD 161667} SCARLET FLAX
- Linum lewisii* Pursh {SD 122490} WILD FLAX

## LINDERNIACEAE – Lindernia Family

- Lindernia dubia* (L.) Pennell. {SD 158286} YELLOW-SEED FALSE PIMPERNEL  
[L. d. var. *anagallidea* (Michx.) Cooperr.]

## LOASACEAE – Loasa Family

- Euclide rupestris* (Baill.) H.J. Thoms. & W.R. Ernst {SD 115685} ROCK-NETTLE  
2B.2 S1 G3
- Mentzelia affinis* Greene {SD 7604} HYDRA STICK-LEAF  
*Mentzelia albicaulis* (Hook.) Torr. & A. Gray {SD 10549} WHITE-STEM BLAZING STAR  
*Mentzelia congesta* Torr. & A. Gray {SD 38192} VENTANA STICK-LEAF  
*Mentzelia desertorum* (Davidson) H.J. Thoms. & J.E. Roberts DESERT STICK-LEAF  
{SD 16668}
- Mentzelia dispersa* S. Watson {SD 85925, 76121} NADA STICK-LEAF  
[M. *pinetorum* Heller]
- Mentzelia hirsutissima* S. Watson {SD 133328} HAIRY STICK-LEAF  
[M. h. var. *stenophylla* (Urb. & Gilg) I.M. Johnst.] 2B.3 S2S3 G3?
- Mentzelia involucrata* S. Watson {SD 119064} SAND BLAZING STAR  
*Mentzelia jonesii* (Urb. & Gilg) H.J. Thoms. & J.E. Roberts JONES' BLAZING STAR  
{SD 164912}
- \**Mentzelia lindleyi* Torr. & A. Gray {SD 38191} LINDLEY'S BLAZING STAR  
Note: Native to California but not to San Diego Co.
- Mentzelia micrantha* (Hook. & Arn.) Torr. & A. Gray SMALL-FLOWER STICK-LEAF  
{SD 38200}
- Mentzelia montana* (Davidson) Davidson {SD 70753} MONTANE MENTZELIA  
[M. m. subsp. m.]
- Mentzelia obscura* H.J. Thoms. & J.E. Roberts {SD 24526} OBSCURE BLAZING STAR  
*Mentzelia pectinata* Kellogg {RSA 747787} SAN JOAQUIN BLAZING STAR  
*Mentzelia ravenii* H.J. Thoms. & J.E. Roberts {SD 216226} RAVEN'S BLAZING STAR  
[M. *gracilentia* Torr. & A. Gray, misappl.]
- Mentzelia veatchiana* Kellogg {SD 63328} VEATCH'S STICK-LEAF  
*Petalonyx linearis* Greene {SD 115689} SANDPAPER PLANT  
*Petalonyx thurberi* A. Gray subsp. *thurberi* THURBER'S SANDPAPER PLANT  
{SD 132710}

## LYTHRACEAE – Loosestrife Family

- Ammannia coccinea* Rottb. {SD 106933} VALLEY RED-STEM  
*Ammannia robusta* Heer & Regel {SD 12082} GRAND RED-STEM  
*Lythrum californicum* Torr. & A. Gray {SD 111554} CALIFORNIA LOOSESTRIFE  
\**Lythrum hyssopifolia* L. {SD 53678} GRASS POLY  
\**Lythrum salicaria* L. {CDA 19954} PURPLE LOOSESTRIFE

## MALVACEAE – Mallow Family [incl. Sterculiaceae]

- Abutilon palmeri* A. Gray {SD 28703} INDIAN MALLOW  
\**Abutilon theophrasti* Medik. {SD 212761} VELVET-LEAF  
\**Alcea rosea* L. {SD 79407} HOLLYHOCK  
*Ayenia compacta* Rose {SD 105413} CALIFORNIA AYENIA  
2B.3 S3? G4
- Eremalche exilis* (A. Gray) Greene {SD 20891} TRAILING MALLOW  
*Eremalche rotundifolia* (A. Gray) Greene {SD 119042} DESERT FIVE-SPOT

- Fremontodendron californicum* (Torr.) Coville subsp. *californicum*  
{SD 127439} CALIFORNIA FLANNELBUSH
- Fremontodendron mexicanum* Davidson {SD 104533} MEXICAN FLANNELBUSH
- 1B.1 S1 G1 CR FE
- \*†*Gossypium hirsutum* L. {SD 178072} UPLAND COTTON
- Herissantia crispa* (L.) Brizicky {SD 120062} CURLY ABUTILON
- 2B.3 S2 G5
- Hibiscus denudatus* Benth. {SD 119581} ROCK HIBISCUS, PALE FACE
- Horsfordia alata* (S. Watson) A. Gray {SD 167382} PINK VELVETMALLOW
- 4.3 S3.3 G4
- Horsfordia newberryi* (S. Watson) A. Gray {SD 115688} YELLOW FELTPLANT
- 4.3 S3.3 G4
- \**Lagunaria patersonia* (Andrews) G. Don. {SD 179434} COW ITCH TREE
- Malacothamnus aboriginum* (B.L. Rob.) Greene INDIAN VALLEY BUSHMALLOW
- {SD 114897} 1B.2 S2 G2
- Malacothamnus densiflorus* (S. Watson) Greene MANY-FLOWER BUSHMALLOW
- {SD 118472} [M. d. var. d., var. viscidus (Abrams) Kearney]
- Malacothamnus fasciculatus* (Torr. & A. Gray) Greene var. *fasciculatus*  
{SD 138113} CHAPARRAL BUSHMALLOW
- [M. f. subsp. f., subsp. laxiflorus (A. Gray) Thorne] Note: Jepson II treatment  
comments that "Varieties may be untenable, needs study."
- \**Malva arborea* (L.) Webb & Berthel. {SD 120322} TREE MALLOW
- [*Lavatera* a. L.; M. dendromorpha M.F. Ray, nom. superfl.]
- \**Malva assurgentiflora* (Kellogg) M.F. Ray {SD 117493} ISLAND MALLOW
- [*Lavatera* a. Kellogg; L. a. subsp. glabra Philbrick] Note: Native to California but  
not to San Diego Co. 1B.1 S2.1 G2T2
- \**Malva neglecta* Wallr. {SD 141472} COMMON MALLOW
- \**Malva nicaeensis* All. {SD 113772} BULL MALLOW
- \**Malva parviflora* L. {SD 119069} CHEESEWEED
- \**Malva pseudolavatera* Webb. & Berthel. {SD 163341} MALVA ROSA
- [*Lavatera cretica* L.]
- \**Malva sylvestris* L. {UCR 73647} HIGH MALLOW
- Malvella leprosa* (Ortega) Krapov. {SD 71715} ALKALI MALLOW
- Sidalcea neomexicana* A. Gray {RSA 271179} SALT SPRING CHECKER-BLOOM
- 2B.2 S2S3 G4?
- Sidalcea sparsifolia* (C.L. Hitchc.) S.R. Hill {SD 131230} CHECKER-BLOOM
- [S. malviflora (DC.) A. Gray subsp. sparsifolia C.L. Hitchc.]
- Sphaeralcea ambigua* A. Gray var. *ambigua* APRICOT MALLOW
- {SD 83448} [S. a. subsp. a.]
- Sphaeralcea ambigua* A. Gray var. *roseacea* (Munz & I.M. Johnst.) Kearney
- {SD 11192} [S. a. subsp. r. (Munz & I.M. Johnst.) Kearney] PARISH MALLOW
- Sphaeralcea ambigua* A. Gray var. *rugosa* (Kearney) Kearney
- {SD 11396} [S. a. subsp. r. Kearney] ROUGHLEAF DESERT MALLOW
- Sphaeralcea angustifolia* (Cav.) G. Don NARROW-LEAF GLOBEMALLOW
- {SD 115727} [S. a. subsp. cuspidata (A. Gray) Kearney]
- Sphaeralcea emoryi* A. Gray var. *emoryi* {SD 203709} EMORY'S GLOBEMALLOW
- Sphaeralcea orcuttii* Rose {RSA 304023} ORCUTT'S GLOBEMALLOW/CARRIZO MALLOW

**MARTYNIACEAE – Unicorn Plant Family**

*Proboscidea althaeifolia* (Benth.) Decne. {SD 120629} DESERT UNICORN PLANT  
4.3 S3.3 G5

\**Proboscidea louisianica* (Mill.) Thell. subsp. *louisianica*  
{SD 183574} COMMON UNICORN PLANT

\*†*Proboscidea parviflora* (Wooton) Wooton & Standl. subsp. *parviflora*  
{SD 122720} DEVIL'S CLAW

Note: "Apparently naturalized from a load of hay from AZ approx. 25 yrs. ago at the Banner Queen Ranch"

**MELIACEAE – Mahogany Family**

\**Melia azedarach* L. {SD 133905} CHINA BERRY, PERSIAN-LILAC

**MOLLUGINACEAE – Carpetweed Family**

\**Glinus lotoides* L. {SD 101100} LOTUS SWEETJUICE

\*†*Glinus radiatus* (Ruiz & Pav.) Rohrb. {SD 132853} SPREADING SWEETJUICE

\**Mollugo cerviana* (L.) Ser. {SD 124276} THREAD-STEM CARPETWEED

\**Mollugo verticillata* L. {SD 24138} INDIAN CARPETWEED

**MONTIACEAE – Montia Family**

*Calandrinia breweri* S. Watson {SD 79403} BREWER'S CALANDRINIA  
4.2 S3.2? G4

*Calandrinia menziesii* (Hook.) Torr. & A. Gray {SD 85407} RED MAIDS  
[*C. ciliata* (Ruiz & Pav.) DC., misappl.; *C. c.* var. *menziesii* (Hook.) Macbr.] Note:  
Recently segregated from *C. ciliata*; see Hershkovitz 2006.

\*†*Calyptridium arizonicum* (J.T. Howell) M. G. Simpson, M. Silveira, & Williams  
{SD 186004} 2B.1 S1 G2G3 ARIZONA PUSSYPAWS  
[*Cistanthe parryi* (A. Gray) Hershk, var. a. (J.T. Howell) Kartesz & Gandhi,  
*Calyptridium p.* A. Gray var. a. J.T. Howell] Note: See Simpson et al. 2010.

*Calyptridium monandrum* Nutt. {SD 128570} COMMON CALYPTRIDIMUM  
[*Cistanthe m.* (Nutt.) Hershk.]

*Cistanthe ambigua* (S. Watson) Hershk. {SD 122383} DESERT POT HERB  
[*Calandrinia a.* (S. Watson) Howell]

*Cistanthe maritima* (Nutt.) Hershk. SEA KISSES, SEASIDE CALANDRINIA  
{SD 117872} [*Calandrinia maritima* Nutt.] 4.2 S3.2 G3G4

*Claytonia exigua* Torr. & A. Gray subsp. *exigua* SERPENTINE MONTIA  
{SD 121065} [*C. spathulata* (Hook.) var. *exigua* (Torr. & A. Gray) Piper, var.  
*tenuifolia* (Torr. & A. Gray) A. Gray]

*Claytonia parviflora* Hook. subsp. *parviflora* NARROW-LEAF MINER'S-LETTUCE  
{SD 70751} [*C. perfoliata* Willd. var. *parviflora* (Hook.) Torr.]

*Claytonia parviflora* Hook. subsp. *utahensis* (Rydb.) John M. Mill. & K.L.  
Chambers {SD 211472} UTAH MINER'S-LETTUCE

*Claytonia parviflora* Hook. subsp. *viridis* (Davidson) John M. Mill. & K.L.  
Chambers {SD 86150} GREEN MINER'S-LETTUCE  
[*C. perfoliata* Willd. subsp. v. (Davidson) Fellows]

*Claytonia perfoliata* Willd. subsp. *mexicana* (Rydb.) John M. Mill. & K.L.  
Chambers {SD 70752} MEXICAN MINER'S-LETTUCE

*Claytonia perfoliata* Willd. subsp. *perfoliata* MINER'S-LETTUCE  
{SD 83832} [*C. p.* var. *p.*]



- Claytonia rubra* (Howell) Tidestrom subsp. *depressa* (A. Gray) John M. Mill. & K.L. Chambers {SD 168033} CUSHION MINER'S-LETTUCE
- Claytonia rubra* (Howell) Tidestrom subsp. *rubra* {SD 153129} RED-STEM SPRINGBEAUTY
- Lewisia brachycalyx* A. Gray {SD 115621} 2B.2 S2 G4G5 SOUTHWESTERN BITTER-ROOT
- Lewisia nevadensis* (A. Gray) B.L. Rob. {SD 115433} NEVADA BITTER-ROOT
- Montia chamissoi* (Spreng.) Greene {SD 121569} TOAD-LILY  
[*Crunocallis chamissoi* (Spreng.) Cockerell]
- Montia fontana* L. {SD 106732} WINTER MONTIA, WATER-CHICKWEED  
[M. f. subsp. *amportitana* Sennen]
- Montia linearis* (Hook.) Greene {SD 128515} LINEAR-LEAF MONTIA  
[*Montiastrum lineare* (Hook.) Rydb.]

## MORACEAE – Mulberry Family

- \**Ficus carica* L. {SD 136541} EDIBLE FIG
- \**Maclura pomifera* (Raf.) C.K. Schneid. {SD 204439} OSAGE-ORANGE
- \**Morus alba* L. {SD 184505} WHITE MULBERRY

## MYRSINACEAE – Myrsine Family [=Primulaceae s.l., sensu APG III]

- \**Anagallis arvensis* L. {SD 118577} [A. a. var. a., var. *caerulea* (Schreb.) Ledeb.] SCARLET PIMPERNEL, POOR MAN'S WEATHERGLASS
- Anagallis minima* (L.) E.H.L. Krause {SD 106616} COMMON CHAFFWEED  
[*Centunculus minimus* L.]

## MYRTACEAE – Myrtle Family

- \*†*Chamelaucium uncinatum* Schauer {SD 157648} GERALDTON WAXFLOWER
- \**Eucalyptus camaldulensis* Dehnh. {SD 152390} RIVER RED GUM
- \**Eucalyptus citriodora* Hook. {SD 212770} LEMON-SCENT GUM
- \**Eucalyptus cladocalyx* F. Muell. {SD 166801} SUGAR GUM
- \**Eucalyptus conferruminata* D.J. Carr & S.G.M. Carr {SD 163346} BALD ISLAND MARLOCK
- \*†*Eucalyptus cypellocarpa* L.A.S. Johnson {SD 182750} MOUNTAIN GRAY GUM
- \**Eucalyptus globulus* Labill. {SD 181096} BLUE GUM
- \**Eucalyptus polyanthemus* Schauer {SD 159319} SILVER DOLLAR GUM, RED BOX
- \*†*Eucalyptus rudis* Endl. {SD 178276} AUSTRALIAN FLOODED GUM
- \**Eucalyptus sideroxylon* Woolls {SD 178273} RED IRON BARK
- \**Eucalyptus tereticornis* Sm. {SD 202670} FOREST RED GUM
- \**Leptospermum laevigatum* (Gaertn.) F. Muell. {SD 158298} AUSTRALIAN TEA TREE
- \**Melaleuca citrina* (Curtis) Dum. Cours. {SD 178275} LEMON BOTTLEBRUSH
- \*†*Melaleuca nesophila* F. Muell. {SD 215724} SHOWY HONEY-MYRTLE, PINK MELALEUCA
- \*†*Melaleuca quinquenervia* (Cav.) Blake {SD 197823} PAPERBARK TREE
- \**Melaleuca viminalis* (Gaertn.) Byrnes {SD 155777} WEeping BOTTLEBRUSH  
[*Callistemon v.* (Gaertn.) G. Don]
- \**Myrtus communis* L. {SD 153077} TRUE MYRTLE
- \*†*Psidium guajava* L. {SD 178226} GUAVA
- \*†*Syzygium paniculatum* Gaertn. {SD 156810} SCRUB CHERRY

## NELUMBONACEAE – Lotus Family

\*†*Nelumbo lutea* Willd. {SD 106742}

AMERICAN WATER-LILY

## NYCTAGINACEAE – Four O'clock Family

*Abronia maritima* S. Watson {SD 79409}

RED SAND-VERBENA

4.2 S3? G4?

*Abronia umbellata* Lam. var. *umbellata* {SD 104477}

BEACH SAND-VERBENA

[A. u. subsp. u.]

*Abronia villosa* S. Watson var. *aurita* (Abrams) Jeps.

CHAPARRAL SAND-VERBENA

{SD 113881} **1B.1 S2 G5T3T4***Abronia villosa* S. Watson var. *villosa* {SD 104478}

DESERT SAND-VERBENA

*Allionia incarnata* L. var. *incarnata* {SD 174227}

TYPICAL TRAILING WINDMILLS

*Allionia incarnata* L. var. *villosa* (Standl.) Munz

HAIRY TRAILING WINDMILLS

{SD 120665}

*Boerhavia coccinea* Mill. {SD 120050}

SCARLET SPIDERLING

*Boerhavia coulteri* (Hook. f.) S. Watson var. *palmeri* (S. Watson) Spellenb.

{SD 124273}

PALMER'S SPIDERLING

*Boerhavia triquetra* S. Watson var. *intermedia* (M.E. Jones) Spellenb.

{SD 124274} [B. i. M.E. Jones]

FIVE-WING SPIDERLING

*Boerhavia wrightii* A. Gray {SD 115535}

WRIGHT'S SPIDERLING

\**Mirabilis jalapa* L. var. *jalapa* {SD 155775}

FOUR O'CLOCK

*Mirabilis laevis* (Benth.) Curran var. *crassifolia* (Choisy) Spellenb.

{SD 79864} [M. californica A. Gray; M. c. var. c.]

COASTAL WISHBONE PLANT

*Mirabilis laevis* (Benth.) Curran var. *retrorsa* (A. Heller) Jeps.

{SD 120913}

DESERT WISHBONE PLANT

[M. bigelovii A. Gray var. *retrorsa* (A. Heller) Munz]*Mirabilis laevis* (Benth.) Curran var. *villosa* (Kellogg) Spellenb.

{SD 120912}

HAIRY WISHBONE PLANT

[M. bigelovii A. Gray var. b.; M. b. var. *aspera* (Greene) Munz]*Mirabilis multiflora* (Torr.) A. Gray var. *pubescens* S. Watson

{SD 126669}

FROEBELL'S FOUR O'CLOCK

*Mirabilis tenuiloba* S. Watson {SD 14511}

LONG-LOBE FOUR O'CLOCK

4.3 S3.3 G4

## OLEACEAE – Olive Family

*Fraxinus* cf. *dipetala* Hook. & Arn. {SD 192618}

CALIFORNIA ASH

[F. jonesii Lingel.]

*Fraxinus* aff. *latifolia* Benth. {SD 177708}

OREGON ASH

*Fraxinus parryi* Moran {SD 43977, 134598}

CHAPARRAL ASH

[F. trifoliolata (Torr.) H. Lewis & Epling, illeg.] **2B.2 S1 G3?**\*†*Fraxinus uhdei* (Wenz.) Lingel. {SD 156808}

SHAMEL ASH

*Fraxinus velutina* Torr. {SD 28250}

VELVET ASH

[F. v. var. *coriacea* (S. Watson) Rehder]\**Ligustrum lucidum* W.T. Aiton {SD 233220}

CHINESE PRIVET

\**Ligustrum ovalifolium* Hassk. {SD 152389}

OVAL-LEAF PRIVET

*Menodora scabra* A. Gray var. *glabrescens* A. Gray {SD 63305}

ROUGH MENODORA

\**Olea europaea* L. {SD 138847}

OLIVE

## ONAGRACEAE – Evening-Primrose Family

- Camissonia campestris* (Greene) Raven subsp. *campestris* MOJAVE SUN CUP  
{RSA 652377}
- Camissonia strigulosa* (Fisch. & C.A. Mey.) P.H. Raven SANDY SOIL SUN CUP  
{SD 85373}
- Camissoniopsis bistorta* (Torr. & A. Gray) W.L. Wagner & Hoch  
{SD 66987} [*Camissonia* b. (Torr. & A. Gray) P.H. Raven] CALIFORNIA SUN CUP
- Camissoniopsis bistorta* × *C. cheiranthifolia* subsp. *suffruticosa*  
{SD 169241}
- Camissoniopsis cheiranthifolia* (Spreng.) W.L. Wagner & Hoch subsp. *suffruticosa*  
(S. Watson) W.L. Wagner & Hoch BEACH SUN CUP  
{SD 128382} [*Camissonia* c. (Spreng.) Raim subsp. s. (S. Watson) P.H. Raven]
- Camissoniopsis confusa* (P.H. Raven) W.L. Wagner & Hoch  
{SD 67040} [*Camissonia* c. P.H. Raven] SAN BERNARDINO SUN CUP
- Camissoniopsis hirtella* (Greene) W.L. Wagner & Hoch FIELD SUN CUP  
{SD 69416} [*Camissonia* h. (Greene) P.H. Raven]
- Camissoniopsis ignota* (Jeps.) W.L. Wagner & Hoch JURUPA HILLS SUN CUP  
{SD 20982} [*Camissonia* i. (Jeps.) P.H. Raven]
- Camissoniopsis intermedia* (P.H. Raven) W.L. Wagner & Hoch INTERMEDIATE SUN CUP  
{SD 69415} [*Camissonia* i. P.H. Raven]
- Camissoniopsis lewisii* (P.H. Raven) W.L. Wagner & Hoch {SD 10968}  
[*Camissonia* l. P.H. Raven] **3 S1S3 G2G3** LEWIS'S EVENING-PRIMROSE
- Camissoniopsis micrantha* (Spreng.) W.L. Wagner & Hoch MINIATURE SUN CUP  
{SD 133761} [*Camissonia* m. (Spreng.) P.H. Raven]
- Camissoniopsis pallida* (Abrams) W.L. Wagner & Hoch subsp. *pallida*  
{SD 118142} PALE YELLOW SUN CUP  
[*Camissonia* p. (Abrams) P.H. Raven subsp. p.]
- Camissoniopsis robusta* (P.H. Raven) W.L. Wagner & Hoch ROBUST SUN CUP  
{SD 166211} [*Camissonia* r. P.H. Raven]
- Chamerion angustifolium* (L.) Holub subsp. *circumvagum* (Mosquin) Hoch  
{SD 144519} [*Epilobium* a. L. subsp. c. Mosquin] FIREWEED
- Chylismia brevipes* (A. Gray) Small {OBI 78321} YELLOW CUPS  
[*Camissonia* b. (A. Gray) P.H. Raven] Note: Subspecies not indicated for vouchers.
- Chylismia cardiophylla* (Torr.) Small subsp. *cardiophylla* {SD 141825}  
[*Camissonia* c. (Torr.) P.H. Raven subsp. c.] HEART-LEAF EVENING-PRIMROSE
- Chylismia claviformis* (Torr. & Frém.) A. Heller subsp. *aurantiaca* (Munz) W.L.  
Wagner & Hoch {SD 97421} PINNATE-LEAF EVENING-PRIMROSE  
[*Camissonia* c. (Torr. & Frém.) P.H. Raven subsp. a. (S. Watson) P.H. Raven]
- Chylismia claviformis* (Torr. & Frém.) A. Heller subsp. *peirsonii* (Munz) W.L.  
Wagner & Hoch {SD 119640} PEIRSON'S EVENING-PRIMROSE  
[*Camissonia* c. (Torr. & Frém.) P.H. Raven subsp. p. (Munz) P.H. Raven]
- Clarkia bottae* (Spach) H. Lewis & M. Lewis {SD 134429} PUNCHBOWL GODETIA
- §*Clarkia delicata* (Abrams) A. Nelson & J.F. Macbr. DELICATE CLARKIA  
{SD 130551} **1B.2 S2.2 G2**
- Clarkia epilobioides* (Torr. & A. Gray) A. Nelson & J.F. Macbr. WHITE CLARKIA  
{SD 130550}
- Clarkia purpurea* (Curtis) A. Nelson & J.F. Macbr. subsp. *quadrivulnera* (Lindl.) H.  
Lewis & M. Lewis {SD 115649} FOUR-SPOT CLARKIA

- Clarkia purpurea* (Curtis) A. Nelson & J.F. Macbr. subsp. ***viminea*** (Hook.) H. Lewis  
& M. Lewis {SD 154070} LARGE CLARKIA
- Clarkia rhomboidea* Douglas {SD 122491} DIAMOND CLARKIA
- Clarkia similis* H. Lewis & W.R. Ernst {SD 115114} CANYON CLARKIA
- Clarkia unguiculata* Lindley {SD 39445} ELEGANT CLARKIA
- Epilobium brachycarpum* C. Presl {SD 71658} SUMMER COTTON WEED  
[*E. paniculatum* Torr. & A. Gray]
- Epilobium campestre* (Jeps.) Hoch & W.L. Wagner SMOOTH BOISDUVALIA  
{SD 105669} [*Boisduvalia glabella* (Nutt.) Walp., *E. pygmaeum* (Spegazzini)  
Hoch & P.H. Raven]
- Epilobium canum* (Greene) P.H. Raven subsp. ***canum*** CALIFORNIA FUCHSIA  
{SD 129886, SD 164200} [*Zauschneria cana* Greene; *Zauschneria californica* C.  
Presl subsp. *californica*]
- Epilobium canum* (Greene) P.H. Raven aff. subsp. ***garrettii*** (A. Nelson) P.H. Raven  
{SD 20133} GARRETT'S CALIFORNIA FUCHSIA  
[*Zauschneria latifolia* (Hook.) Greene var. *garrettii* (A. Nelson) Hilend]
- Epilobium canum* (Greene) P.H. Raven subsp. ***latifolium*** (Hook.) P.H. Raven  
{SD 126683} BROAD-LEAF CALIFORNIA FUCHSIA  
[*Zauschneria californica* C. Presl subsp. *latifolia* (Hook.) D.D. Keck]
- Epilobium ciliatum* Raf. subsp. ***ciliatum*** {SD 11615, 85959} WILLOW HERB  
[*E. adenocaulon* Hausskn. var. *a.*, var. *holosericeum* (Trel.) Munz]
- Epilobium densiflorum* (Lindl.) Hoch & P.H. Raven DENSE-FLOWER BOISDUVALIA  
{SD 85720} [*Boisduvalia d.* (Lindl.) Wats.]
- Epilobium hallianum* Hausskn. {SD 27329} GLANDULAR WILLOW HERB  
[*Epilobium halleanum* Hausskn., orth. var.]
- Epilobium minutum* Lindl. {SD 123444} SMALL-FLOWER WILLOW HERB
- Eremothera boothii* (Douglas) W.L. Wagner & Hoch subsp. ***condensata*** (Munz)  
W.L. Wagner & Hoch {SD 122413} DESERT LANTERN  
[*Camissonia b.* (Douglas) P.H. Raven subsp. *c.* (Munz) P.H. Raven]
- Eremothera chamaenerioides* (A. Gray) W.L. Wagner & Hoch {SD 118119}  
[*Camissonia c.* (A. Gray) P.H. Raven] WILLOW-HERB EVENING-PRIMROSE
- Eremothera refracta* (S. Watson) W.L. Wagner & Hoch NARROW-LEAF PRIMROSE  
{SD 97008} [*Camissonia r.* (S. Watson) P.H. Raven]
- Eulobus californicus* Torr. & A. Gray {SD 119632} FALSE-MUSTARD  
[*Camissonia californica* (Torr. & A. Gray) P.H. Raven]
- Gayophytum diffusum* Torr. & A. Gray subsp. ***parviflorum*** H. Lewis &  
Szweyk. {SD 18351} HAIRY-LEAF GAYOPHYTUM
- Gayophytum heterozygum* H. Lewis & Szweyk. {UC 66550} ZIGZAG GAYOPHYTUM
- Gayophytum humile* A. Juss. {SD 128593} DWARF GROUNDSMOKE
- Gayophytum oligospermum* H. Lewis & Szweyk. FEW-SEED GAYOPHYTUM  
{SD 52560}
- \**Ludwigia grandiflora* (Michx.) Greuter & Burdet  
{SD 119592} LARGE-FLOWER PRIMROSE-WILLOW  
[*Jussiaea uruguayensis* Cambess., in part]
- \**Ludwigia hexapetala* (Hook. & Arn.) Zardini et al.  
{SD 190519} URUGUAYAN PRIMROSE-WILLOW/MARSH-PURSLANE  
[*Jussiaea uruguayensis* Cambess., in part; *L. u.* (Cambess.) H. Hara]
- Ludwigia palustris* (L.) Elliott {UC 140537} PACIFIC MARSH-PURSLANE  
[*L. palustris* var. *pacifica* Fern. & Griscom]

- Ludwigia peploides* (Kunth) P.H. Raven subsp. *peploides* WATER-PRIMROSE  
{SD 12057}
- Ludwigia repens* J.R. Forst. {SD 114094} CREEPING PRIMROSE-WILLOW  
[*L. natans* Elliot var. *stipitata* Fern. & Griscom]
- Oenothera californica* (S. Watson) S. Watson subsp. *avita* W.M. Klein  
{SD 133607} PINNATE CALIFORNIA EVENING-PRIMROSE
- Oenothera californica* (S. Watson) S. Watson subsp. *californica*  
{SD 120499} CALIFORNIA EVENING-PRIMROSE
- Oenothera deltoides* Torr. & Frém. subsp. *deltoides* DUNE EVENING-PRIMROSE  
{SD 118107}
- Oenothera elata* Kunth subsp. *hirsutissima* (S. Watson) W. Dietr.  
{SD 120531} HAIRY EVENING-PRIMROSE
- Oenothera elata* Kunth subsp. *hookeri* (Torr. & A. Gray) W. Dietr. & W.L. Wagner  
{SD 3323} HOOKER'S EVENING-PRIMROSE
- \**Oenothera laciniata* Hill {SD 161061} CUT-LEAF EVENING-PRIMROSE
- \*†*Oenothera* aff. *lindheimeri* (Engelm. & A. Gray) W.L. Wagner & Hoch  
{SD 161989} [*Gaura* l. Engelm. & A. Gray] PINK GAURA
- \**Oenothera sinuosa* W.L. Wagner & Hoch WAVY-LEAF GAURA  
{SD 114075} [*Gaura sinuata* Ser.]
- \**Oenothera speciosa* Nutt. {SD 24933} BEAUTIFUL EVENING-PRIMROSE
- \**Oenothera suffrutescens* (Ser.) W.L. Wagner & Hoch SCARLET BEEBLOSSOM  
{SD 115423} [*Gaura coccinea* Pursh] Note: Native to Mohave Desert in California, not native to San Diego Co.
- \**Oenothera xenogaura* W.L. Wagner & Hoch DRUMMOND'S GAURA  
{SD 128495} [*Gaura drummondii* (Spach) P.H. Raven & D.P. Gregory]
- Tetrapteron graciliflorum* (Hook. & Arn.) W.L. Wagner & Hoch HILL SUN CUP  
{RSA 560854} [*Camissonia* g. (Hook. & Arn.) P.H. Raven]
- Tetrapteron palmeri* (S. Watson) W.L. Wagner & Hoch PALMER'S SUN CUP  
{CAS 46043} [*Camissonia palmeri* S. Watson] Note: This species is known from only one historic (1920) specimen in our county.

### OROBANCHACEAE – Broom-Rape Family

- Castilleja affinis* Hook. & Arn. subsp. *affinis* {SD 86088} COAST PAINTBRUSH
- Castilleja applegatei* Fernald subsp. *martinii* (Abrams) T.I. Chuang & Heckard  
{SD 118476} [*C. martinii* Abrams] DESERT INDIAN PAINTBRUSH
- †*Castilleja applegatei* Fernald subsp. *martinii* × *C. foliolosa* {SD 137617}
- Castilleja applegatei* Fernald subsp. *pinetorum* (Fernald) T.I. Chuang & Heckard  
{SD 71584} PINE PAINTBRUSH
- Castilleja attenuata* (A. Gray) T.I. Chuang & Heckard VALLEY TASSELS  
{SD 103761} [*Orthocarpus* a. A. Gray]
- Castilleja densiflora* (Benth.) T.I. Chuang & Heckard subsp. *gracilis* (Benth.)  
T.I. Chuang & Heckard {SD 117880} PARISH'S OWL'S-CLOVER  
[*Orthocarpus* d. Benth. var. *gracilis* (Benth.) Keck]
- Castilleja exserta* (A. Heller) T.I. Chuang & Heckard subsp. *exserta*  
{SD 67536} PURPLE OWL'S-CLOVER  
[*Orthocarpus purpurascens* Benth. var. *pallidus* Keck, var. *purpurascens*]
- Castilleja foliolosa* Hook. & Arn. {SD 119125} WOOLLY INDIAN PAINTBRUSH
- Castilleja miniata* Hook. subsp. *miniata* {SD 128541} GIANT RED PAINTBRUSH

- Castilleja minor* (A. Gray) A. Gray subsp. *spiralis* (Jeps.) T.I. Chuang & Heckard  
{SD 79428} [C. stenantha A. Gray] CALIFORNIA THREAD-TORCH
- Castilleja subincluda* Greene subsp. *subincluda* LONG-LEAF INDIAN PAINTBRUSH  
{SD 131912} [C. jepsonii Bacig. & Heckard]
- Castilleja tenuis* (A. Heller) T.I. Chuang & Heckard HAIRY OWL'S CLOVER  
{SD 26285} [Orthocarpus hispidus Benth.]
- Chloropyron maritimum* (Benth.) A. Heller subsp. *maritimum*  
{SD 21774} SALT MARSH BIRD'S BEAK  
[Cordylanthus maritimus Benth. subsp. maritimus] **1B.2 S1 G4?T2 CE FE**
- Cordylanthus nevinii* A. Gray {SD 51629} NEVIN'S BIRD'S BEAK
- Cordylanthus rigidus* (Benth.) Jeps. subsp. *brevibracteatus* (A. Gray) Munz  
{SD 137612} STIFF-BRANCH BIRD'S BEAK
- Cordylanthus rigidus* (Benth.) Jeps. subsp. *setigerus* T.I. Chuang & Heckard  
{SD 70379} [C. filifolius Benth.] DARK-TIP BIRD'S BEAK
- Dicranostegia orcuttiana* (A. Gray) Pennell ORCUTT'S BIRD'S BEAK  
{SD 114043} [Cordylanthus orcuttianus A. Gray] **2B.1 S1 G2?**
- Kopsiopsis strobilacea* (A. Gray) Beck {SD 148675} CALIFORNIA GROUND CONE  
[Boschniakia strobilacea A. Gray]
- Orobanche bulbosa* Beck {SD 119113} CHAPARRAL BROOM-RAPE
- Orobanche californica* Cham. & Schldl. subsp. *feudgei* (Munz) Heckard  
{SD 119056} SAGEBRUSH BROOM-RAPE
- Orobanche cooperi* (A. Gray) A. Heller {SD 119045} PINE BROOM-RAPE
- Orobanche fasciculata* Nutt. {SD 118454} CLUSTERED BROOM-RAPE
- Orobanche parishii* (Jeps.) Heckard subsp. *brachyloba* Heckard  
{SD 114764} **4.2 S3.2 G4?T3** BEACH/SHORT-LOBE BROOM-RAPE
- Orobanche parishii* (Jeps.) Heckard subsp. *parishii* PARISH'S BROOM-RAPE  
{SD 103329}
- Orobanche uniflora* L. {SD 232122} NAKED BROOM-RAPE
- Pedicularis densiflora* Hook. {SD 123452} INDIAN WARRIOR
- Pedicularis semibarbata* A. Gray {SD 16230} DWARF LOUSEWORT
- Triphysaria eriantha* (Benth.) T.I. Chuang & Heckard JOHNNY-TUCK  
{SD 4759} [Orthocarpus erianthus Benth. subsp. e.] Note: Subspecies  
undetermined because flower color unknown.

**OXALIDACEAE – Oxalis Family**

- Oxalis californica* (Abrams) R. Knuth {SD 83567} CALIFORNIA WOOD-SORREL  
[O. albicans Kunth subsp. californica (Abrams) Eiten]
- \**Oxalis corniculata* L. {SD 118362} CREEPING WOOD-SORREL
- \**Oxalis micrantha* Colla {SD 195979} DWARF WOOD-SORREL  
[O. laxa Hook. & Arn., misappl.]
- \**Oxalis pes-caprae* L. {SD 118351} BERMUDA-BUTTERCUP  
[O. cernua Thunb.]
- Oxalis pilosa* Nutt. {SD 173514} HAIRY WOOD-SORREL  
[O. albicans Kunth subsp. p. (Nutt.) Eiten; O. corniculata L. subsp. p. (Nutt.)  
Lourteig]
- \**Oxalis purpurea* L. {SD 233221} PURPLE WOOD-SORREL

**PAEONIACEAE – Peony Family**

- Paeonia californica* Nutt. {SD 138150} CALIFORNIA PEONY

## PAPAVERACEAE – Poppy Family [incl. Fumariaceae]

- Argemone munita* Durand & Hilg. {SD 128210} CHICALOTE, PRICKLY POPPY  
[A. m. subsp. *argentea* Ownbey]
- Dendromecon rigida* Benth. {SD 118437} BUSH POPPY  
[D. r. subsp. r.]
- Ehrendorferia chrysantha* (Hook. & Arn.) Rylander GOLDEN EAR-DROPS  
{SD 86014} [Dicentra c. (Hook. & Arn.) Walp.]
- Eschscholzia caespitosa* Benth. {SD 173824} TUFTED GOLD-POPPY
- Eschscholzia californica* Cham. {SD 104479} CALIFORNIA POPPY
- Eschscholzia minutiflora* S. Watson {SD 115505} PYGMY GOLD-POPPY
- Eschscholzia parishii* Greene {SD 141529} PARISH'S GOLD-POPPY
- \**Fumaria officinalis* L. {SD 102053} FUMITORY
- \**Fumaria parviflora* Lam. {SD 113851} FINE-LEAF FUMITORY
- Meconella californica* Torr. & Frém. {SD 13490} CALIFORNIA FAIRY POPPY
- Meconella denticulata* Greene {SD 113850} SMALL-FLOWER MECONELLA
- Papaver californicum* A. Gray {SD 79400} FIRE POPPY
- Papaver heterophyllum* (Benth.) Greene {SD 28445} WIND POPPY  
[Stylomecon heterophylla (Benth.) G. Taylor]
- \**Papaver rhoeas* L. {SD 158092} CORN POPPY
- Platystemon californicus* Benth. {SD 119080} CREAM CUPS  
[P. californicus var. *californicus*, var. *crinitus* Greene, var. *nutans* Brandegee]
- Romneya coulteri* Harv. {SD 135276} COULTER'S MATILIJIA POPPY  
[R. c. var. c.] 4.2 S3.2 G3
- Romneya trichocalyx* Eastw. {SD 85994} HAIRY MATILIJIA POPPY  
[R. coulteri Harvey var. t. (Eastw.) Jeps.]

## PHRYMACEAE – Lopseed Family

- Diplacus aridus* Abrams {SD 122435} JACUMBA MONKEY FLOWER  
[*Mimulus aridus* (Abrams) A.L. Grant; *M. aurantiacus* (Curtis) Jeps. var. *aridus* (Abrams) D.M. Thoms.] 4.3 S3.3 G5T3T4
- †*Diplacus xaustralis* (Munz) Tulig {SD 126694} SAN DIEGO MONKEY FLOWER  
[*Mimulus a.* subsp. *australis* Munz, a named hybrid between *M. a.* var. *pubescens* and var. *puniceus*] Note: This hybrid and intermediates are common in the foothills of San Diego County; see Barker et al. 2012.
- Diplacus bigelovii* (A. Gray) G.L. Nesom var. *bigelovii* BIGELOW'S MONKEY FLOWER  
{SD 118666} [*Mimulus b.* (A. Gray) A. Gray]
- Diplacus brevipes* (Benth.) G.L. Nesom SLOPE SEMIPHORE  
{SD 122501} [*Mimulus b.* Benth.]
- Diplacus clevelandii* (Brandegee) Greene CLEVELAND'S BUSH MONKEY FLOWER  
{SD 118463} [*Mimulus c.* Brandegee] 4.2 S3.2 G3G4
- Diplacus congdonii* (B.L. Rob.) G.L. Nesom CONGDON'S MONKEY FLOWER  
{SD 132105} [*Mimulus c.* B.L. Rob.]
- Diplacus fremontii* (Benth.) G.L. Nesom FREMONT'S MONKEY FLOWER  
{SD 130526} [*Mimulus f.* (Benth.) A. Gray var. f.]
- Diplacus longiflorus* Nutt. {SD 22157} BUSH MONKEY FLOWER  
[*Mimulus longiflorus* (Nutt.) A.L. Grant, *M. l.* var. *rutilus* A.L. Grant; *D. l.* var. *rutilus* (A.L. Grant) McMinn; *M. aurantiacus* Curtis var. *pubescens* (Torr.) D.M. Thompson, *D. glutinosus* (J.C. Wendl.) Nutt. var. *pubescens* Torr.]

- Diplacus puniceus* Nutt. COAST MONKEY FLOWER  
 {SD 118482} [Mimulus puniceus (Nutt.) Steudel; M. aurantiacus (Curtis) Jeps.  
 var. puniceus (Nutt.) D.M. Thomps.]
- Erythranthe androsacea* (Greene) N.S. Fraga ROCK-JASMINE MONKEY FLOWER  
 {SD 121172} [Mimulus a. Greene]
- Erythranthe breweri* (Greene) G.L. Nesom & N.S. Fraga BREWER'S MONKEY FLOWER  
 {SD 141507} [Mimulus b. (Greene) Coville]
- Erythranthe cardinalis* (Benth.) Spach {SD 114939} SCARLET MONKEY FLOWER  
 [Mimulus c. Benth.]
- Erythranthe diffusa* (A.L. Grant) N.S. Fraga {SD 119068} PALOMAR MONKEY FLOWER  
 [Mimulus diffusus A.L. Grant; Mimulus palmeri A. Gray, misappl.] **4.3 S3.3 G4Q**
- Erythranthe floribunda* (Lindl.) G.L. Nesom SHOWY MONKEY FLOWER  
 {SD 156214} [Mimulus f. Lindl.]
- Erythranthe guttata* (DC.) G.L. Nesom SEEP MONKEY FLOWER  
 {SD 51800, 70896} [Mimulus g. DC.]
- Erythranthe latidens* (A. Gray) G.L. Nesom BROAD-TOOTH MONKEY FLOWER  
 {SD 105664} [Mimulus l. (A. Gray) Greene]
- Erythranthe moschata* (Lindl.) G.L. Nesom MUSK MONKEY FLOWER  
 {SD 141476} [Mimulus m. Lindl.]
- Erythranthe parishii* (Greene) G.L. Nesom & N.S. Fraga PARISH'S MONKEY FLOWER  
 {SD 103327} [Mimulus p. Greene]
- Erythranthe rubella* (A. Gray) N.S. Fraga FRINGE-TOOTH MONKEY FLOWER  
 {RSA 726838} [Mimulus r. A. Gray]
- Mimetanthe pilosa* (Benth.) Greene {SD 126695} DOWNY MONKEY FLOWER  
 [Mimulus p. (Benth.) S. Watson]

### PHYLLANTHACEAE – Phyllanthus Family

- \*†*Phyllanthus caroliniensis* Walt. subsp. *caroliniensis* CAROLINA LEAF-FLOWER  
 {SD 159018}

### PHYTOLACCACEAE – Pokeweed Family

- \**Phytolacca americana* L. var. *americana* {SD 136413} POKEWEEED, POKEBERRY  
 \*†*Phytolacca icosandra* L. {SD 143652} TROPICAL POKEWEEED

### PICRODENDRACEAE – Picrodendron Family

- §*Tetracoccus dioicus* Parry {SD 122180, SD 122181} PARRY'S TETRACOCCLUS  
 1B.2 S2.2 G3

### PITTIOSPORACEAE – Pittosporum Family

- \**Pittosporum tobira* (Thunb.) W.T. Aiton {SD 184965} JAPANESE PITTIOSPORUM  
 \**Pittosporum undulatum* Vent. {SD 143651} VICTORIA-BOX

### PLANTAGINACEAE – Plantain Family

- Antirrhinum coulterianum* A. DC. {SD 118453} COULTER'S SNAPDRAGON  
 [Sairocarpus coulterianus (A. DC.) D.A. Sutton]
- Antirrhinum filipes* A. Gray {SD 133315} DESERT SNAPDRAGON  
 [Neogaerrhinum filipes (A. Gray) Rothm.]
- Antirrhinum kelloggii* Greene {SD 51774} CLIMBING SNAPDRAGON  
 [Neogaerrhinum kelloggii (Greene) Thieret]



- Antirrhinum nuttallianum* A. DC. subsp. *nuttallianum* NUTTALL'S SNAPDRAGON  
{SD 80825} [Sairocarpus nuttallianus (A. DC.) D.A. Sutton]
- Antirrhinum nuttallianum* A. DC. subsp. *subsessile* (A. Gray) D.M. Thomps.  
{SD 135319} BIG-GLAND NUTTALL'S SNAPDRAGON  
[Sairocarpus nuttallianus (A. DC.) D.A. Sutton]
- Callitriche heterophylla* Pursh var. *bolanderi* (Hegelm.) Fassett  
{SD 143536} BOLANDER'S WATER-STARWORT  
[C. h. subsp. b. (Hegelm.) Calder & Taylor]
- Callitriche longipedunculata* Morong {SD 225146} LONG-STALK WATER-STARWORT
- Callitriche marginata* Torr. {SD 106740} WINGED WATER-STARWORT
- Callitriche palustris* L. {SD 86046} VERNAL WATER-STARWORT  
[C. verna L.]
- Collinsia childii* A. Gray {SD 118439} CHILD'S BLUE-EYED MARY
- Collinsia concolor* Greene {SD 70885} SOUTHERN CHINESE HOUSES
- Collinsia heterophylla* Graham var. *austromontana* (Newsom) Munz  
{SD 18181} DOWNY CHINESE HOUSES
- Collinsia heterophylla* Graham var. *heterophylla* {SD 106708} CHINESE HOUSES
- Collinsia parryi* A. Gray {RSA 561772} PARRY'S BLUE-EYED MARY
- Collinsia parviflora* Lindl. {SD 85638} BLUE-EYED MARY
- \**Digitalis purpurea* L. {SD 163342} FOXGLOVE
- Keckiella antirrhinoides* (Benth.) Straw var. *antirrhinoides*  
{SD 118387} [K. a. subsp. a.] YELLOW BUSH PENSTEMON
- Keckiella antirrhinoides* (Benth.) Straw var. *microphylla* (A. Gray) N.H. Holmgren  
{SD 115512} [K. a. subsp. m. (A. Gray) Straw] DESERT BUSH PENSTEMON
- Keckiella cordifolia* (Benth.) Straw {SD 160483} CLIMBING BUSH PENSTEMON
- Keckiella ternata* (A. Gray) Straw var. *ternata*  
{SD 119371} [K. t.] SUMMER BUSH PENSTEMON
- \**Kickxia elatine* (L.) Dumort. {SD 129807} FLUELLIN
- \**Linaria bipartita* Willd. {SD 17069} CLOVENLIP TOADFLAX
- \**Linaria dalmatica* (L.) Mill. {SD 17441} DALMATIAN TOADFLAX  
[L. genistifolia (L.) Mill. subsp. d. (L.) Maire & Petitm.]
- \**Linaria maroccana* Hook. f. {SD 131204} MOROCCAN TOADFLAX
- Mohavea confertiflora* (A. DC.) A. Heller {SD 121039} GHOST FLOWER
- Nuttallanthus texanus* (Scheele) D.A. Sutton {SD 130547} LARGE BLUE TOADFLAX  
[Linaria canadensis (L.) Chaz., in part, misappl.]
- Penstemon centranthifolius* Benth. {SD 126696} SCARLET BUGLER
- Penstemon clevelandii* A. Gray var. *clevelandii* CLEVELAND'S BEARDTONGUE  
{SD 139164} [P. c. subsp. c.]
- Penstemon clevelandii* A. Gray var. *connatus* Munz & I.M. Johnst.  
{SD 118141} SAN JACINTO BEARDTONGUE  
[P. clevelandii subsp. connatus (Munz & I.M. Johnst.) Keck] **4.3 S3.3 G5T4**
- Penstemon heterophyllus* Lindl. var. *australis* Munz & I.M. Johnst.  
{SD 120539} CHAPARRAL PENSTEMON
- Penstemon heterophyllus* Lindl. var. *heterophyllus* FOOTHILL PENSTEMON  
{SD 106637}
- Penstemon incertus* Brandegees {SD 168035} WESTERN DESERT PENSTEMON
- Penstemon labrosus* (A. Gray) Hook. f. {SD 126697} SAN GABRIEL PENSTEMON
- Penstemon xparishii* A. Gray {SD 116579} PARISH'S BEARDTONGUE  
[P. centranthifolius x P. spectabilis]

- Penstemon rostriflorus* Kellogg {SD 71768} BRIDGES'S PENSTEMON  
 [P. bridgesii A. Gray]
- Penstemon spectabilis* A. Gray var. *spectabilis* {SD 129893} SHOWY PENSTEMON  
*Penstemon spectabilis* A. Gray var. *subviscosus* (D.D. Keck) McMinn  
 {SD 76075} GLANDULAR SHOWY PENSTEMON
- Penstemon thurberi* Torr. {SD 113671} THURBER'S PENSTEMON  
 [P. t. subsp. t.] 4.2 S3.2? G5
- \*†*Plantago arenaria* Waldst. & Kit. {SD 184504} SAND PLANTAIN  
 [P. indica L. nom superfl.]
- \**Plantago coronopus* L. {SD 115540} CUT-LEAF PLANTAIN
- Plantago elongata* Pursh {SD 132847} PRAIRIE PLANTAIN  
 [P. bigelovii A. Gray subsp. b., subsp. californica (Greene) Bassett]
- Plantago erecta* E. Morris {SD 39911, 132844} DOT-SEED PLANTAIN  
 [P. e. subsp. e., subsp. rigidior Pilger]
- \**Plantago lanceolata* L. {SD 128544} ENGLISH PLANTAIN, RIB-GRASS
- \**Plantago major* L. {SD 71690} COMMON PLANTAIN
- Plantago ovata* Forssk. var. *fastigiata* (Morris) S.C. Meyers & A. Liston  
 {SD 118600} WOOLLY PLANTAIN
- Plantago ovata* Forssk. var. *insularis* (Eastw.) S.C. Meyers & A. Liston  
 {SD 113739} COAST WOOLLY PLANTAIN
- Plantago patagonica* Jacq. {SD 106512} DESERT PLANTAIN  
 [P. purshii Roem. & Schult. var. oblonga (Morris) Shinnery]
- \**Plantago pusilla* Nutt. {SD 115092} SLENDER PLANTAIN
- Plantago rhodosperma* Decne. {SD 171373} RED-SEED PLANTAIN
- \**Plantago virginica* L. {SD 17732} DWARF PLANTAIN
- Stemodia durantifolia* (L.) Sw. var. *durantifolia*  
 {SD 106136} 2B.1 S2.1? G5 BLUE STREAMWORT
- \**Veronica anagallis-aquatica* L. {SD 124498} WATER SPEEDWELL
- \**Veronica arvensis* L. {SD 53660} CORN SPEEDWELL
- \**Veronica catenata* Pennell {SD 46367} BROAD-FRUIT/CHAIN SPEEDWELL
- Veronica peregrina* L. subsp. *xalapensis* (Kunth) Pennell  
 {SD 70984} MEXICAN/PURSLANE SPEEDWELL
- \**Veronica persica* Poir. {SD 122747} PERSIAN SPEEDWELL
- \*†*Veronica serpyllifolia* L. subsp. *serpyllifolia*  
 {SD 53624} THYME-LEAF SPEEDWELL

### PLATANACEAE – Plane Tree or Sycamore Family

- \**Platanus xhispanica* Münchh. {SD 183095} LONDON PLANE TREE  
 [P. occidentalis x P. orientalis; *Platanus xacerifolia* (Aiton) Willd.]
- Platanus racemosa* Nutt. {SD 139208} WESTERN SYCAMORE

### PLUMBAGINACEAE – Leadwort Family

- \**Limonium brassicifolium* (Webb & Berthel.) Kuntze {SD 188141} TREE LIMONIUM  
 [Limonium arborescens Kuntze, illeg. possibly misappl.]
- Limonium californicum* (Boiss.) A. Heller {SD 79883} WESTERN MARSH-ROSEMARY  
 [L. c. var. c., var. mexicanum (Blake) Munz]
- \**Limonium duriusculum* (Girard) Fourr. {SD 190688} HARDY MARSH-ROSEMARY
- \**Limonium otolepis* (Schrenk) Kuntze {SD 220076} SALT-MARSH SEA-LAVENDER
- \**Limonium perezii* (Stapf) F.T. Hubb. {SD 131219} PEREZ'S MARSH-ROSEMARY

- \**Limonium sinuatum* (L.) Mill. {SD 80980} NOTCH-LEAF MARSH-ROSEMARY  
 \**Limonium ramosissimum* (Poir.) Maire {SD 154695} ALGERIAN SEA-LAVENDER  
 \**Plumbago auriculata* Lam. {SD 152387} CAPE LEADWORT

## POLEMONIACEAE – Phlox Family

- Aliciella latifolia* (S. Watson) J.M. Porter subsp. *latifolia* BROAD-LEAF GILIA  
 {SD 119635} [*Gilia latifolia* S. Watson]  
*Allophyllum gilioides* (Benth.) A.D. Grant & V.E. Grant subsp. *gilioides*  
 {SD 85672} STRAGGLING FALSE-GILIA  
*Allophyllum gilioides* (Benth.) A.D. Grant & V.E. Grant subsp. *violaceum* (A.  
 Heller) A.G. Day {SD 85867} VIOLET FALSE-GILIA  
 [A. violaceum (A. Heller) A.D. Grant & V.E. Grant]  
*Allophyllum glutinosum* (Benth.) A.D. Grant & V.E. Grant BLUE FALSE-GILIA  
 {SD 85698}  
*Collomia grandiflora* Lindl. {SD 120530} GRAND COLLOMIA  
*Eriastrum densifolium* (Benth.) H. Mason subsp. *austromontanum* (T.T. Craig)  
 H. Mason {SD 120533} MONTANE WOOLLY-STAR  
*Eriastrum densifolium* (Benth.) H. Mason subsp. *elongatum* (Benth.) H. Mason  
 {SD 128330} CHAPARRAL WOOLLY-STAR  
*Eriastrum diffusum* (A. Gray) H. Mason {SD 119119} MINIATURE WOOLLY-STAR  
*Eriastrum eremicum* (Jeps.) H. Mason subsp. *eremicum* DESERT WOOLLY-STAR  
 {SD 115508}  
*Eriastrum filifolium* (Nutt.) Wooton & Standl. THREAD-LEAF WOOLLY-STAR  
 {SD 133608}  
*Eriastrum harwoodii* (T.T. Craig) D. Gowen HARWOOD'S WOOLLY-STAR  
 {SD 24534} **1B.2 S3 G3**  
*Eriastrum sapphirinum* (Eastw.) H. Mason subsp. *dasyanthum* (Brand) H. Mason  
 {SD 113888} MANY-FLOWER WOOLLY-STAR  
*Eriastrum sapphirinum* (Eastw.) H. Mason subsp. *sapphirinum*  
 {SD 70734} SAPPHIRE WOOLLY-STAR  
 [*Eriastrum sapphirinum* subsp. *ambiguum* (M.E. Jones) H. Mason]  
*Eriastrum sparsiflorum* (Eastw.) H. Mason GREAT BASIN WOOLLY-STAR  
 {UTC 00213751} **4.3 S3? G3G4**  
*Gilia achilleifolia* Benth. subsp. *abrotanifolia* (Greene) Brand BALL GILIA  
 {SD 127810} [*G. capitata* Sims subsp. a. (Greene) V.E. Grant]  
*Gilia angelensis* V.E. Grant {SD 85813} GRASSLAND GILIA  
*Gilia brecciarum* M.E. Jones subsp. *neglecta* A.D. Grant & V.E. Grant  
 {SD 167381} NEVADA GILIA  
*Gilia clivorum* (Jeps.) V.E. Grant {SD 85900} PURPLE-SPOT GILIA  
*Gilia clokeyi* H. Mason {SD 222103} CLOKEY'S GILIA  
*Gilia diegensis* (Munz) A.D. Grant & V.E. Grant {SD 106677} SAN DIEGO GILIA  
 †*Gilia mexicana* A.D. Grant & V.E. Grant {SD 205058} EL PASO GILIA  
**2B.3 S1 G4**  
*Gilia modocensis* Eastw. {SD 204530} MODOC GILIA  
*Gilia ochroleuca* M.E. Jones subsp. *exilis* (A. Gray) A.D. Grant & V.E. Grant  
 {SD 106673} [*G. exilis* (A. Gray) Abrams] VOLCANIC GILIA  
*Gilia ophthalmoides* Brand {SD 164911} EYED GILIA  
*Gilia scopulorum* M.E. Jones {SD 155435} ROCK GILIA  
*Gilia sinuata* Benth. {RSA 469642} ROSY GILIA

- Gilia stellata* A. Heller {SD 97411} STAR GILIA
- Gilia transmontana* (H. Mason & A.D. Grant) A.D. Grant & V.E. Grant  
{SD 118380} TRANSMONTANE GILIA
- \**Gilia tricolor* Benth. {SDSU 12150} BIRD'S EYES
- Note: Native to California but not to San Diego Co.; possible waif.
- Ipomopsis tenuifolia* (A. Gray) V.E. Grant SCARLET GILIA, SLENDER-LEAF IPOMOPSIS  
{SD 48162} **2B.3 S2 G3G4**
- Langloisia setosissima* (Torr. & A. Gray) Greene subsp. *setosissima*  
{SD 118394} BRISTLY LANGLOISIA
- Leptosiphon aureus* (Nutt.) E. Vilm. subsp. *aureus* {SD 133320} DESERT GOLD  
[*Linanthus aureus* (Nutt.) Greene subsp. *aureus*, L. a. var. a.]
- Leptosiphon aureus* (Nutt.) E. Vilm. subsp. *decorus* (A. Gray) J.M. Porter & L.A.  
Johnson {SD 115605} WHITE DESERT GOLD  
[*Linanthus aureus* (Nutt.) Greene subsp. *decorus* (A. Gray) H. Mason, L. a. var. d.  
(A. Gray) Jeps.]
- Leptosiphon ciliatus* (Benth.) Jeps. {SD 85649} WHISKER BRUSH  
[*Linanthus ciliatus* (Benth.) Greene]
- Leptosiphon floribundus* (A. Gray) J.M. Porter & L.A. Johnson subsp. *floribundus*  
{SD 127500} MANY-FLOWER LINANTHUS  
[*Linanthus* f. (A. Gray) Milliken subsp. f.]
- Leptosiphon floribundus* (A. Gray) J.M. Porter & L.A. Johnson subsp. *glaber*  
(R. Patt.) J.M. Porter & L.A. Johnson {SD 73581} SUMMER SNOW  
[*Linanthus* f. (A. Gray) Milliken subsp. *glaber* R. Patt., subsp. *glabrus*]
- Leptosiphon floribundus* (A. Gray) J.M. Porter & L.A. Johnson subsp. *hallii* (Jeps.)  
J.M. Porter & L.A. Johnson {SD 14491} SANTA ROSA MOUNTAINS LEPTOSIPHON  
**1B.3 S1 G4T1** [*Linanthus* f. (A. Gray) Milliken subsp. *hallii* (Jeps.) H. Mason]
- \**Leptosiphon grandiflorus* Benth. LARGE-FLOWER LEPTOSIPHON  
{SD 210503} [*Linanthus* g. (Benth.) Greene]
- Leptosiphon lemmonii* (A. Gray) J.M. Porter & L.A. Johnson LEMMON'S LINANTHUS  
{SD 118473} [*Linanthus lemmonii* (A. Gray) Greene]
- Leptosiphon liniflorus* (Benth.) J.M. Porter & L.A. Johnson GREAT BASIN LINANTHUS  
{SD 123447} [*Linanthus liniflorus* (Benth.) Greene, L. l. subsp. *pharnaceoides*  
(Benth.) H. Mason]
- Leptosiphon parviflorus* Benth. {SD 106762, 128537} COAST BABY-STAR  
[*Linanthus parviflorus* (Benth.) Greene, L. androsaceus subsp. *luteolus* (Greene) H.  
Mason, L. a. subsp. *micranthus* (Steud.) Mason]
- Leptosiphon pygmaeus* (Brand) J.M. Porter & L.A. Johnson subsp. *continentalis*  
(P.H. Raven) J.M. Porter & L.A. Johnson {SD 124289} PYGMY LINANTHUS  
[*Linanthus pygmaeus* (Brand) J. Howell subsp. *continentalis* P.H. Raven]
- Linanthus bellus* (A. Gray) Greene {SD 11282} DESERT BEAUTY  
**2B.3 S2.3? G2G3**
- Linanthus bigelovii* (A. Gray) Greene {SD 58398} BIGELOW'S LINANTHUS
- Linanthus californicus* (Hook. & Arn.) J.M. Porter & L.A. Johnson PRICKLY-PHLOX  
{SD 26859} [*Leptodactylon californicum* Hook. & Arn., L. c. subsp. *glandulosum*  
(East.) Mason]
- Linanthus dianthiflorus* (Benth.) Greene FARINOSE GROUND PINK  
{SD 24896, 85323} [L. d. subsp. d., subsp. *farinosus* (Brand) Mason]
- Linanthus dichotomus* Benth. subsp. *dichotomus* EVENING SNOW  
{SD 121054} [L. d. Benth.]

- Linanthus filiformis* (A. Gray) J.M. Porter & L.A. Johnson THIN GILIA  
{SD 115591} [Gilia filiformis A. Gray]
- Linanthus jonesii* (A. Gray) Greene {SD 118116} JONES'S LINANTHUS
- Linanthus maculatus* (Parish) Milliken {RSA}  
**1B.2 S2 G2** LITTLE SAN BERNARDINO MOUNTAINS LINANTHUS  
Note: San Diego and Imperial Co. populations may represent a new infrataxon.
- Linanthus orcuttii* (Parry & A. Gray) Jeps. LAGUNA/ORCUTT'S LINANTHUS  
{SD 118679} **1B.3 S2 G4**
- Linanthus pungens* (Torr.) J.M. Porter & L.A. Johnson HALL'S PRICKLY-PHLOX  
{SD 115585} [Leptodactylon pungens (Torr.) Rydb., L. p. subsp. hallii (Parish)  
Mason]
- Loeseliastrum matthewsii* (A. Gray) Timbrook {SD 52420} DESERT CALICO  
[Langloisia m. (A. Gray) Greene]
- Loeseliastrum schottii* (Torr.) Timbrook {SD 85419} SCHOTT'S CALICO  
[Langloisia s. (Torr.) Greene]
- Microsteris gracilis* (Hook.) Greene {SD 114737, 85984} SLENDER PHLOX  
[M. g. var. humilior (Hook.) Cronquist; M. g. subsp. humilis (Greene) V.E. Grant;  
Phlox g. Greene]
- Navarretia atractyloides* (Benth.) Hook. & Arn. HOLLY-LEAF SKUNKWEED  
{SD 133609} [N. hamata Greene subsp. foliacea (Greene) H. Mason]
- Navarretia capillaris* (Kellogg) Kuntze {SD 87587} MINIATURE GILIA  
[Gilia c. Kellogg]
- Navarretia fossalis* Moran {SD 105646} SPREADING NAVARRETIA  
**1B.1 S1 G1**
- Navarretia hamata* Greene subsp. *hamata* {SD 133610} HOOKED SKUNKWEED
- Navarretia hamata* Greene subsp. *leptantha* (Greene) H. Mason  
{SD 115661} HOOKED PINCUSHION PLANT
- Navarretia intertexta* (Benth.) Hook. {SD 214494} NEEDLE-LEAF NAVARRETIA  
[Navarretia i. subsp. i., in part]
- Navarretia peninsularis* Greene {SD 122744} PENINSULAR NAVARRETIA  
**1B.2 S2 G3?**
- Navarretia propinqua* Suksd. {SD 106921} GREAT BASIN NAVARRETIA  
[Navarretia intertexta (Benth.) Hook. subsp. p. (Suksd.) A.G. Day]
- Navarretia prostrata* (A. Gray) Greene {SD 122677} FLAT NAVARRETIA  
**1B.1 S2 G2**
- Navarretia tagetina* Greene {SD 122621} MARIGOLD NAVARRETIA
- Phlox austromontana* Coville {SD 85321} DESERT-MOUNTAIN PHLOX  
[P. a. subsp. a.]
- Saltugilia australis* (H. Mason & A.D. Grant) L.A. Johnson SOUTHERN GILIA  
{SD 86113} [Gilia australis (H. Mason & A.D. Grant) V.E. Grant & A.D. Grant]
- Saltugilia caruifolia* (Abrams) L.A. Johnson CARAWAY-LEAF GILIA  
{SD 130510} [Gilia caruifolia Abrams] **4.3 S3.3 G4?**

## POLYGALACEAE – Milkwort Family

- Rhinotropis acanthoclada* (A. Gray) J.R. Abbott THORNY MILKWORT  
{HSC 92366} [Polygala a. A. Gray] **2B.3 S1 G4**
- Rhinotropis cornuta* (Kellogg) J.R. Abbott var. *fishiae* (Parry) J.R. Abbott FISH'S MILKWORT  
{SD 131245} [Polygala cornuta Kellogg var. fishiae (Parry) Jeps.] **4.3 S3.3 G5T4**

## POLYGONACEAE – Buckwheat Family

- Centrostegia thurberi* A. Gray THURBER'S SPINEFLOWER  
{SD 119081} [Chorizantho t. (A. Gray) S. Watson]
- Chorizantho brevicornu* Torr. var. *brevicornu* BRITTLE SPINEFLOWER  
{SD 119643} [C. b. subsp. b.]
- Chorizantho corrugata* (Torr.) Torr. & A. Gray CORRUGATE SPINEFLOWER  
{SD 115606}
- Chorizantho fimbriata* Nutt. var. *fimbriata* {SD 118602} FRINGED SPINEFLOWER
- Chorizantho fimbriata* Nutt. var. *laciniata* (Torr.) Jeps. LACINIATE SPINEFLOWER  
{SD 130421}
- Chorizantho leptotheca* Goodman {SD 106489} RAMONA SPINEFLOWER  
4.2 S3.2 G4
- §§*Chorizantho orcuttiana* Parry {SD 77926} ORCUTT'S SPINEFLOWER  
1B.1 S1 G1 CE FE
- Chorizantho polygonoides* Torr. & A. Gray var. *longispina* (Goodman) Munz  
{SD 104394} KNOTWEED SPINEFLOWER  
[C. p. subsp. l. (Goodman) Munz] 1B.2 S3 G5T3
- Chorizantho procumbens* Nutt. PROSTRATE SPINEFLOWER  
{SD 121063, 123437} [C. p. var. albiflora Goodman]
- Chorizantho rigida* (Torr.) Torr. & A. Gray {SD 16786} RIGID SPINEFLOWER
- Chorizantho staticoides* Benth. TURKISH RUGGING  
{SD 17647} [C. s. subsp. s.]
- Chorizantho watsonii* Torr. & A. Gray {SD 161062} WATSON'S SPINEFLOWER
- Chorizantho xanti* S. Watson var. *leucotheca* Goodman WHITE-BRACT SPINEFLOWER  
{SD 162004} 1B.2 S2 G4T2
- Chorizantho xanti* S. Watson var. *xanti* {SD 22048} PINYON SPINEFLOWER
- \**Emex spinosa* (L.) Campd. {SD 115355} DEVIL'S THORN, SPINY EMEX
- Eriogonum angulosum* Benth. {SD 22405} ANGLE-STEM BUCKWHEAT
- Eriogonum apiculatum* S. Watson {SD 48826} SAN JACINTO BUCKWHEAT
- Eriogonum clavatum* Small {SD 63333} HOOVER'S DESERT TRUMPET
- Eriogonum* aff. *contiguum* (Reveal) Reveal {SD 22540} ANNUAL DESERT TRUMPET
- Eriogonum davidsonii* Greene {SD 115115} DAVIDSON'S BUCKWHEAT
- Eriogonum deflexum* Torr. var. *deflexum* DESERT SKELETON WEED  
{SD 118590, 119075} [E. d. subsp. d., E. d. var. rectum Reveal, E. insigne  
S. Watson]
- Eriogonum deserticola* S. Watson {SD 130570} IMPERIAL BUCKWHEAT
- Eriogonum elongatum* Benth. var. *elongatum* {SD 132128} TALL BUCKWHEAT
- Eriogonum evanidum* Reveal {SD 22661} VANISHING WILD BUCKWHEAT  
[E. foliosum S. Watson, misappl.] 1B.1 S1 G1
- Eriogonum fasciculatum* Benth. var. *fasciculatum* COAST CALIFORNIA BUCKWHEAT  
{SD 127794} [E. f. subsp. f.]
- Eriogonum fasciculatum* Benth. var. *foliolosum* (Nutt.) Abrams INLAND CALIFORNIA BUCKWHEAT  
{SD 48694}  
[E. fasciculatum subsp. foliolosum (Nutt.) S. Stokes]
- Eriogonum fasciculatum* Benth. var. *polifolium* (Benth.) Torr. & A. Gray MOUNTAIN CALIFORNIA BUCKWHEAT  
{SD 115029}  
[E. f. subsp. p. (Benth.) S. Stokes]

- \**Eriogonum giganteum* S. Watson var. *formosum* K. Brandegee  
 {SD 174001} SAN CLEMENTE ISLAND BUCKWHEAT  
 Note: Native to California but not to San Diego Co.
- \**Eriogonum giganteum* S. Watson var. *giganteum*  
 {SD 132793} [E. g. subsp. g.] SANTA CATALINA ISLAND BUCKWHEAT  
 Note: Native to California but not to San Diego Co.
- Eriogonum gracile* Benth. var. *gracile* {SD 128251} SLENDER BUCKWHEAT  
 [E. g.]
- Eriogonum gracile* Benth. var. *incultum* Reveal SMOOTH SLENDER BUCKWHEAT  
 {SD 137665}
- Eriogonum gracillimum* S. Watson {RSA 393209} ROSE-AND-WHITE BUCKWHEAT
- Eriogonum inflatum* Torr. & Frém. {SD 85781, 51100} DESERT TRUMPET  
 [E. i. var. i., E. i. var. deflatum I.M. Johnston]
- Eriogonum maculatum* A. Heller {SD 119628} SPOTTED BUCKWHEAT
- Eriogonum molestum* S. Watson {SD 22093} PINELAND BUCKWHEAT
- Eriogonum nudum* Benth. var. *pauciflorum* S. Watson PINE BUCKWHEAT  
 {SD 133912} [E. n. subsp. p. (S. Watson) Munz]
- Eriogonum ordii* S. Watson {SD 115575} FORT MOJAVE BUCKWHEAT
- Eriogonum parishii* S. Watson {SD 135296} PARISH'S BUCKWHEAT
- Eriogonum parvifolium* Sm. {SD 80463} BLUFF BUCKWHEAT
- Eriogonum plumatella* Durand & Hilg. {SD 119580} YUCCA BUCKWHEAT
- Eriogonum pusillum* Torr. & A. Gray {SD 225147} YELLOW TURBANS
- Eriogonum reniforme* Torr. & Frém. {SD 58965} KIDNEY-LEAF BUCKWHEAT
- Eriogonum roseum* Durand & Hilg. {SD 20093} VIRGATE BUCKWHEAT
- Eriogonum saxatile* S. Watson {SD 119053} ROCK BUCKWHEAT
- Eriogonum thomasi* Torr. {SD 122376} THOMAS'S BUCKWHEAT
- Eriogonum thurberi* Torr. {SD 130422} THURBER'S BUCKWHEAT
- Eriogonum trichopes* Torr. {SD 189852} LITTLE TRUMPET  
 [E. t. var. t.]
- Eriogonum umbellatum* Torr. var. *munzii* Reveal MUNZ'S BUCKWHEAT  
 {SD 135297}
- Eriogonum wrightii* Benth. var. *membranaceum* Jeps. FOOTHILL BUCKWHEAT  
 {SD 72855} [E. w. subsp. m. S. Stokes]
- Eriogonum wrightii* Benth. var. *nodosum* (Small) Reveal KNOTTY BUCKWHEAT  
 {SD 75752} [E. w. subsp. n. (Small) Munz]
- \**Fallopia convolvulus* (L.) A. Löve {SD 19763} BLACK BINDWEED  
 [Polygonum c. L.]
- Lastarriaea coriacea* (Goodman) Hoover {SD 83822} LASTARRIAEA  
 [Chorizanthe c. Goodm.]
- Mucronea californica* Benth. {SD 132785} CALIFORNIA SPINEFLOWER  
 [Chorizanthe c. (Benth.) A. Gray] 4.2 S3 G3
- Nemacaulis denudata* Nutt. var. *denudata* {SD 132784} COAST WOOLLY-HEADS  
 1B.2 S2.2 G3G4T3?
- Nemacaulis denudata* Nutt. var. *gracilis* Goodman & L.D. Benson SLENDER WOOLLY-HEADS  
 {SD 1210} 2B.2 S2 G3G4T3?
- Persicaria amphibia* (L.) Gray {SD 106689} KELP SMARTWEED  
 [Polygonum a. L.; P. a. var. emersum Michx.; P. a. var. stipulaceum N. Coleman]
- \**Persicaria capitata* (D. Don) H. Gross {SD 164909} PINKHEAD SMARTWEED  
 [Polygonum c. D. Don]

- Persicaria hydropiperoides* (Michx.) Small {SD 197887} WATERPEPPER  
[*Polygonum* h. Michx.]
- Persicaria lapathifolia* (L.) Gray WILLOW SMARTWEED, WILLOW WEED  
{SD 48696} [*Polygonum* l. L.]
- \**Persicaria maculosa* Gray {SD 169196} LADY'S THUMB  
[*Polygonum persicaria* L.]
- Persicaria punctata* (Elliott) Small {SD 48847} PERENNIAL SMARTWEED  
[*Polygonum* p. Elliott]
- \**Polygonum argyrocoleon* Kunze {SD 138822} PERSIAN WIREWEED
- \**Polygonum aviculare* L. subsp. *depressum* (Meisn.) Arcang.  
{SD 23115, 135384} [*P. arenastrum* Boreau] COMMON KNOTWEED, DOORWEED
- \*†*Polygonum aviculare* L. subsp. *neglectum* (Besser) Arcang.  
{SD 209759} [*P. aviculare* subsp. *rectum* Chrték] PROSTRATE KNOTWEED
- Polygonum douglasii* Greene {SD 128566} DOUGLAS'S KNOTWEED  
[*P. d.* var. *d.*]
- Polygonum parryi* Greene {SD 123439} PARRY'S KNOTWEED
- \**Polygonum ramosissimum* Michx. subsp. *ramosissimum* BUSHY KNOTWEED  
{SD 20484}
- Polygonum sawatchense* Small subsp. *sawatchense* SAWATCH KNOTWEED  
{SD 48796} [*P. douglasii* Greene subsp. *johnstonii* (Munz) J.C. Hickman; *P. triandrum* Coolidge]
- Pterostegia drymarioides* Fisch. & C.A. Mey. GRANNY'S HAIRNET, G. C. P.  
{SD 128567}
- \**Rumex acetosella* L. {SD 27335} SHEEP-SORREL
- Rumex californicus* Rech. f. {SD 79430} TOOTHED WILLOW DOCK  
[*Rumex salicifolius* Weinm. var. *denticulatus* Torr.]
- \**Rumex conglomeratus* Murray {SD 106629} WHORLED DOCK
- \**Rumex crispus* L. {SD 53607} CURLY DOCK
- \**Rumex dentatus* L. {SD 154693} TOOTHED DOCK
- Rumex fueginus* Phil. {SD 114146} GOLDEN DOCK  
[*R. maritimus* L.; *R. m.* var. *fueginus* (Phil.) Dusén]
- Rumex hymenosepalus* Torr. {SD 20689} DESERT RHUBARB
- \**Rumex obtusifolius* L. {SD 167062} BITTER DOCK
- Rumex persicarioides* L. {SD 165470} YELLOW DOCK
- \**Rumex pulcher* L. {SD 133679} FIDDLE DOCK
- Rumex salicifolius* Weinm. {SD 48799} WILLOW DOCK
- \**Rumex stenophyllus* Ledeb. {SD 171276} NARROW-LEAF DOCK
- Rumex violascens* Rech. f. {SD 179438} MEXICAN DOCK
- Sidothea trilobata* (A. Gray) Reveal THREE-LOBE STARRY PUNCTUREBRACT  
{SD 128565} [*Oxytheca trilobata* A. Gray]

## PORTULACACEAE – Purslane Family

- Portulaca halimoides* L. {UC 452682} 4.2 S3 G5 DESERT PORTULACA
- \**Portulaca oleracea* L. {SD 124277} COMMON PURSLANE

## PRIMULACEAE – Primrose Family

- Androsace elongata* L. subsp. *acuta* (Greene) G.T. Robbins  
{SD 14454} 4.2 S3.2? G5?T3T4 ROCK-JASMINE, FAIRY-CANDELABRA



***Primula clevelandii*** (Greene) Mast & Reveal subsp. ***clevelandii***

{SD 85460} [Dodecatheon c. Greene subsp. c.]

PADRE'S SHOOTING STAR

**PROTEACEAE – Protea Family****\**Grevillea robusta*** R. Br. {SD 168623}

SILK-OAK

**RANUNCULACEAE – Buttercup Family*****Anemone tuberosa*** Rydb. {SD 115562}

DESERT ANEMONE

***Aquilegia formosa*** DC. {SD 119590}

CALIFORNIA COLUMBINE

[A. f. var. f., var. truncata (Fisch. &amp; C.A. Mey.) Baker] Note: FNA vol. 3 recognizes vars. and this is A. f. var. hypolasia (Greene) Munz.

***Clematis lasiantha*** Nutt. {SD 85515}

PIPESTEM VIRGIN'S BOWER

***Clematis lasiantha* x *C. pauciflora*** {SD 85977}***Clematis ligusticifolia*** Nutt. {SD 106607}

YERBA DE CHIVA

***Clematis pauciflora*** Nutt. {SD 48655}

ROPEVINE CLEMATIS

**\**Consolida ajacis*** (L.) Schur {SD 228013}

ROCKET DELPHINIUM

[C. ambigua (L.) P.W. Ball &amp; Heywood, misappl.]

***Delphinium cardinale*** Hook. {SD 106726}

CARDINAL/SCARLET LARKSPUR

**§*Delphinium hesperium*** A. Gray subsp. ***cuyamaca*** (Abrams) H. Lewis & Epling{SD 155565} **1B.2 S2.1 G4T2 CR**

CUYAMACA LARKSPUR

***Delphinium parishii*** A. Gray subsp. ***parishii***

PARISH'S/MOHAVE LARKSPUR

{SD 135306}

***Delphinium parishii*** A. Gray subsp. ***subglobosum*** (Wiggins) H. Lewis & Epling{SD 48575} **4.3 S3.2 G4T3**

OCEANBLUE LARKSPUR

***Delphinium parryi*** A. Gray subsp. ***maritimum*** (Davidson) M.J. Warnock

{SD 7968} [D. p. var. m.]

MARITIME LARKSPUR

***Delphinium parryi*** A. Gray subsp. ***parryi*** {SD 86023}

PARRY'S LARKSPUR

[D. p. var. p.]

***Delphinium patens*** Benth. subsp. ***hepaticoideum*** Ewan

{SD 106552}

LIVER-LEAF/SPREADING LARKSPUR

***Delphinium patens*** Benth. subsp. ***montanum*** (Munz) Ewan

ZIGZAG LARKSPUR

{SD 163340}

***Delphinium xinflexum*** Davidson {SD 162910}

[D. cardinale Hook. x D. parryi A. Gray]

***Myosurus minimus*** L. {SD 113796, 114743}

LITTLE MOUSETAIL

[M. m. subsp. apus (Greene) G.R. Campbell; CNPS Inventory listing for this subsp.:

**3.1 S2.2 G5T2Q]*****Ranunculus aquatilis*** L. var. ***aquatilis***

FLOATING WATER BUTTERCUP

{SD 106669} [R. a. var. hispidulus E. Drew]

***Ranunculus aquatilis*** L. var. ***diffusus*** With.

HAIR-LEAF WATER BUTTERCUP

{SD 86082} [R. a. var. capillaceus (Thuill.) DC.; R. a. var. subrigidus (W.B. Drew)

Breitung]

***Ranunculus californicus*** Benth. var. ***californicus***

CALIFORNIA BUTTERCUP

{SD 10404, 119097} [R. c. var. austromontanus L.D. Benson]

***Ranunculus canus*** Benth. var. ***ludovicianus*** (Greene) L.D. Benson

{POM 88464}

SACRAMENTO VALLEY BUTTERCUP

***Ranunculus cymbalaria*** Pursh var. ***saximontanus*** Fern.

DESERT BUTTERCUP

{SD 126672} [R. c. subsp. s. (Fernald) Thorne]

***Ranunculus hebecarpus*** Hook. & Arn. {SD 20616}

HAIRY-FRUIT BUTTERCUP

- Ranunculus sceleratus* L. {SD 160837} CURSED BUTTERCUP  
 \**Ranunculus testiculatus* Crantz {SD 161991} BUR BUTTERCUP  
*Thalictrum fendleri* A. Gray var. *fendleri* {SD 70935} FENDLER'S MEADOW-RUE  
 [T. f.]  
*Thalictrum fendleri* A. Gray var. *polycarpum* Torr. SMOOTH-LEAF MEADOW-RUE  
 {SD 48648} [T. p. (Torr.) S. Watson]

## RESEDACEAE – Mignonette Family

- Oligomeris linifolia* (Hornem.) J.F. Macbr. {SD 119624} NARROW-LEAF OLIGOMERIS  
 \**Reseda alba* L. {SD 11302} WHITE MIGNONETTE  
 \**Reseda lutea* L. {UCR 121073} YELLOW MIGNONETTE  
 \**Reseda luteola* L. {SD 15849} DYER'S ROCKET  
 \**Reseda odorata* L. {SD 20383} GARDEN/SWEET MIGNONETTE

## RHAMNACEAE – Buckthorn Family

- Adolphia californica* S. Watson {SD 85358, 118113} SPINESHRUB  
 2B.1 S2 G3G4  
 §§†*Ceanothus austro-montanus* Abrams {SD 143456} WAVY-LEAF-LILAC  
 Note: Specimens previously cited as *C. foliosus* Parry var. f. misapplied.  
*Ceanothus crassifolius* Torr. var. *crassifolius* {SD 85494} THICK-LEAF-LILAC  
 †*Ceanothus crassifolius* × *C. perplexans* {SD 137651}  
*Ceanothus cuneatus* Nutt. var. *cuneatus* {SD 143454} BUCK BRUSH  
 §*Ceanothus cyaneus* Eastw. {SD 15098} LAKESIDE-LILAC  
 1B.2 S2.2 G2  
*Ceanothus leucodermis* Greene {SD 118470} CHAPARRAL WHITETHORN  
*Ceanothus megacarpus* Nutt. var. *megacarpus* {SD 168036} BIG-POD CEANOTHUS  
*Ceanothus oliganthus* Nutt. var. *orcuttii* (Parry) Jeps. ORCUTT'S HAIRY CEANOTHUS  
 {SD 90794} [*C. oliganthus* var. *oliganthus*, misappl.]  
*Ceanothus oliganthus* Nutt. aff. var. *sorediatus* (Hook. & Arn.) Hoover  
 {SD 231717} [*C. s. Hook & Arn.*] JIM BRUSH  
 §*Ceanothus otayensis* McMinn {SD 79443} OTAY-LILAC  
 Note: One population occurs in n. Baja California, Mexico. 1B.2 S1 G1  
*Ceanothus palmeri* Trel. {SD 76086} PALMER'S-LILAC  
*Ceanothus pauciflorus* DC. {SD 118367} MOHAVE CEANOTHUS  
 [*C. vestitus* Greene, *C. greggii* A. Gray var. v. (Greene) McMinn] Note: See Burge  
 & Zhukovsky 2013 for recent taxonomic changes in this complex  
*Ceanothus perplexans* Trel. {SD 83545} CUP-LEAF-LILAC  
 [*C. greggii* A. Gray var. p. (Trel.) Jeps.]  
*Ceanothus spinosus* Nutt. {SD 128309} GREEN-BARK-LILAC  
*Ceanothus thyrsoiflorus* Eschsch. {SD 142759} BLUE BLOSSOM  
*Ceanothus tomentosus* Parry {SD 73354} RAMONA-LILAC  
 [*C. t.* subsp. *olivaceus* (Jeps.) Munz]  
*Ceanothus verrucosus* Nutt. {SD 60282} WART-STEM-LILAC  
 2B.2 S2.2 G3  
*Frangula californica* (Eschsch.) A. Gray subsp. *californica*  
 {SD 114269} CALIFORNIA COFFEEBERRY  
 [*Rhamnus c.* Eschsch. subsp. *c.*]

- Frangula californica* (Eschsch.) A. Gray subsp. *tomentella* (Benth.) Kartesz & Gandhi {SD 70924} CHAPARRAL COFFEEBERRY  
[*Rhamnus* c. Eschsch. subsp. t. (Benth.) C.B. Wolf; R. t. Benth. subsp. t.]
- Rhamnus crocea* Nutt. {SD 80538} SPINY REDBERRY
- Rhamnus ilicifolia* Kellogg {SD 106765} HOLLY-LEAF REDBERRY
- \*†*Rhamnus* aff. *insula* Kellogg {SD 14758} BAJA CALIFORNIA REDBERRY
- §*Rhamnus pilosa* (Curran) Abrams {SD 111500} HAIRY-LEAF REDBERRY
- Ziziphus parryi* Torr. var. *parryi* {SD 115225, 119057} LOTE BUSH

## ROSACEAE – Rose Family

- Adenostoma fasciculatum* Hook. & Arn. var. *fasciculatum* CHAMISE  
{SD 211221}
- Adenostoma fasciculatum* Hook. & Arn. var. *obtusifolium* S. Watson SAN DIEGO CHAMISE  
{SD 225148}
- Adenostoma sparsifolium* Torr. {SD 120071} RED SHANK
- Agrimonia gryposepala* Wallr. {SD 115721} COMMON AGRIMONY
- Amelanchier utahensis* Koehne {SD 120503} UTAH SERVICE-BERRY
- Aphanes occidentalis* (Nutt.) Rydb. {SD 14624} WESTERN LADY'S MANTLE  
[*Alchemilla* o. Nutt.]
- Cercocarpus betuloides* Nutt. var. *betuloides* BIRCH-LEAF MOUNTAIN-MAHOGANY  
{SD 21630} [C. b. subsp. b.]
- Cercocarpus minutiflorus* Abrams {SD 85340} SAN DIEGO MOUNTAIN-MAHOGANY
- Chamaebatia australis* (Brandege) Abrams SOUTHERN MOUNTAIN MISERY  
{SD 128277} 4.2 S3.2 G4 BLACKBUSH
- Coleogyne ramosissima* Torr. {SD 83411} BLACKBUSH
- \**Cotoneaster* cf. *franchetii* Bois {SD 160854} ORANGE COTONEASTER
- \*†*Cotoneaster integrifolius* (Roxb.) G. Klotz ENTIRE-LEAF COTONEASTER  
{SD 208299} [C. microphyllus Lindl., misappl.]
- \*†*Cotoneaster lacteus* W.W. Sm. {SD 154860} MILK-FLOWER COTONEASTER
- \**Cotoneaster pannosa* Franch. {SD 143649} SILVER-LEAF COTONEASTER
- Drymocallis glandulosa* (Lindl.) Rydb. var. *glandulosa* STICKY CINQUEFOIL  
{SD 85282} [*Potentilla* g. Lindl. subsp. g.]
- Drymocallis glandulosa* (Lindl.) Rydb. var. *reflexa* (Greene) Erterter {SD 70764}  
[*Potentilla* g. Lindl. subsp. r. (Greene) D.D. Keck] GREENE'S CINQUEFOIL
- Drymocallis glandulosa* (Lindl.) Rydb. var. *wrangelliana* (Fisch. & Avé-Lall.) Erterter WRANGEL CINQUEFOIL  
{SD 225149}
- Fragaria vesca* L. {SD 85574} CALIFORNIA/WOOD STRAWBERRY  
[*F. californica* Cham. & Schlecht]
- Heteromeles arbutifolia* (Lindl.) M. Roem. TOYON, CHRISTMAS BERRY  
{SD 127798} [H. a. var. a.] Note: *Forma cerina* Jeps. listed in Beauchamp 1986,  
but not cited in Jepson II.
- Holodiscus discolor* (Pursh) Maxim. var. *discolor* SMALL LEAF OCEANSPRAY  
{SD 217369}
- Holodiscus discolor* (Pursh) Maxim. var. *microphyllus* (Rydb.) Jeps. OCEANSPRAY  
{SD 121487}
- Horkelia clevelandii* (Greene) Rydb. var. *clevelandii* CLEVELAND'S HORKELIA  
{SD 138813} [H. bolanderi A. Gray subsp. c. (Greene) D.D. Keck]
- Horkelia cuneata* Lindl. subsp. *cuneata* {SD 134385} COAST HORKELIA

- Horkelia cuneata* Lindl. subsp. *puberula* (Rydb.) Ertter & Reveal MESA HORKELIA  
{SD 26628} **1B.1 S2.1 G4T2**
- §*Horkelia truncata* Rydb. {SD 136146} RAMONA HORKELIA  
**1B.3 S2.3 G3**
- Ivesia saxosa* (Greene) Ertter {SD 21447} ROCK CINQUEFOIL  
[*Potentilla* s. Greene]
- \**Malus pumila* Mill. {SD 161993} APPLE  
[*M. sylvestris* Mill., misappl.]
- \*†*Potentilla anglica* Laichard. {SD 138812} ENGLISH CINQUEFOIL
- Potentilla anserina* L. subsp. *pacifica* (Howell) Rousi PACIFIC SILVERWEED  
{SD 155387} [*P. egedei* Wormsk. var. *grandis* (Torr. & A. Gray) J.T. Howell]
- Potentilla biennis* Greene {SD 2228} BIENNIAL CINQUEFOIL
- Potentilla gracilis* Hook. var. *fastigiata* (Nutt.) S. Watson NUTTALL'S CINQUEFOIL  
{SD 115138} [*P. g.* subsp. *nuttallii* (Lehm.) Keck]
- \**Potentilla norvegica* L. {SD 114338} ROUGH CINQUEFOIL  
[*P. n.* subsp. *monspeliensis* (L.) Asch. & Graebn.]
- Poteridium annuum* (Nutt.) Spach {SD 99528} WESTERN BURNET  
[*Sanguisorba occidentalis* Torr. & A. Gray, inval.]
- \**Poterium sanguisorba* L. {SD 66920} GARDEN BURNET  
[*Sanguisorba minor* Scop. subsp. *muricata* (Bonnier & Layens) Briq.]
- Prunus emarginata* (Douglas) Eaton {SD 141381} BITTER CHERRY
- Prunus fasciculata* (Torr.) A. Gray var. *fasciculata* DESERT ALMOND  
{SD 62730}
- Prunus fremontii* S. Watson {SD 120920} DESERT APRICOT
- Prunus ilicifolia* (Hook. & Arn.) D. Dietr. subsp. *ilicifolia* ISLAY, HOLLY-LEAF CHERRY  
{SD 129871}
- \**Prunus ilicifolia* (Hook. & Arn.) D. Dietr. subsp. *lyonii* (Eastw.) P.H. Raven CATALINA ISLAND CHERRY  
{SD 152386} [*P. l.* (Eastw.) Sargent] Note: Native to California but not to San Diego Co.
- \*†*Prunus munsoniana* W. Wight & Hedrick {SD 154861} WILDGOOSE PLUM
- \*†*Prunus persica* (L.) Batsch {SD 153126} PEACH
- Prunus virginiana* L. var. *demissa* (Nutt.) Torr. WESTERN CHOKE CHERRY  
{SD 118456}
- Purshia tridentata* (Pursh) DC. var. *glandulosa* (Curran) M.E. Jones MOJAVE ANTELOPE BUSH  
{SD 118912} [*P. g.* Curran]
- Purshia tridentata* (Pursh) DC. var. *tridentata* {SD 129792} ANTELOPE BITTERBRUSH
- \**Pyracantha koidzumii* (Hayata) Rehder {SD 225150} TAIWAN FIRETHORN
- \*†*Pyrus communis* L. {SD 161990} PEAR
- \*†*Rhaphiolepis indica* (L.) Lindl. {SD 232343} INDIAN-HAWTHORN
- Rosa californica* Cham. & Schltdl. {SD 106521} CALIFORNIA ROSE
- Rosa gymnocarpa* Nutt. {SD 115426} BALDHIP/WOOD ROSE
- Rosa minutifolia* Engelm. {SD 119873} DESERT/SMALL-LEAF ROSE  
**2B.1 SXC G3 CE**
- \*†*Rosa obtusifolia* Desv. {SD 207435} ROUND-LEAF DOG ROSE
- Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jeps. INTERIOR ROSE  
{SD 167492}
- \**Rubus armeniacus* Focke {SD 141379} HIMALAYAN BLACKBERRY  
[*R. discolor* Weihe & Ness, misappl.]

- Rubus glaucifolius* Kellogg {SD 119568} CUYAMACA/GANDER'S RASPBERRY  
 [Rubus glaucifolius var. ganderi (L.H. Bailey) Munz; this variety, not accepted in  
 Jepson II, is CNPS listed **3.1 S1 G5T1Q**]
- \**Rubus laciniatus* Willd. {SD 22167} CUT-LEAF/EVERGREEN BLACKBERRY
- Rubus leucodermis* Torr. & A. Gray BLACKCAP/SAN BERNARDINO RASPBERRY  
 {SD 22100} [R. I. subsp. bernardinus (Greene) Thorne]
- Rubus parviflorus* Nutt. {SD 120491} THIMBLEBERRY
- \**Rubus pensilvanicus* Poir. {SD 183091} PENNSYLVANIA BLACKBERRY
- Rubus ursinus* Cham. & Schltld. {SD 120529} CALIFORNIA BLACKBERRY

## RUBIACEAE – Madder or Coffee Family

- Galium andrewsii* A. Gray subsp. *andrewsii* MOSS/PHLOX-LEAF BEDSTRAW  
 {SD 122502}
- Galium angustifolium* A. Gray subsp. *angustifolium* NARROW-LEAF BEDSTRAW  
 {SD 86045}
- §§*Galium angustifolium* A. Gray subsp. *borregoense* Dempster & Stebbins  
 {SD 148626} **1B.3 S2.3 G5T2 CR** BORREGO BEDSTRAW
- Galium angustifolium* A. Gray subsp. *gracillimum* Dempster & Stebbins  
 {SD 232341, 232342} **4.2 S3.2 G5T3** SLENDER BEDSTRAW
- Galium angustifolium* A. Gray subsp. *jacinticum* Dempster & Stebbins  
 {SD 143321, 160230} **1B.3 S2S3 G5T2T3** SAN JACINTO BEDSTRAW
- Galium angustifolium* A. Gray subsp. *nudicaule* Dempster & Stebbins  
 {SD 153131} NAKED-STEM BEDSTRAW
- Galium aparine* L. {SD 86097} COMMON BEDSTRAW, GOOSE GRASS
- Galium californicum* Hook. & Arn. subsp. *flaccidum* (Greene) Dempster & Stebbins  
 {SD 143322} CALIFORNIA BEDSTRAW
- Galium johnstonii* Dempster & Stebbins JOHNSTON'S BEDSTRAW  
 {DS 212297} **4.3 S3.3 G3**
- \**Galium murale* (L.) All. {SD 153133} TINY BEDSTRAW
- Galium nuttallii* A. Gray subsp. *nuttallii* {SD 83543} SAN DIEGO BEDSTRAW
- Galium parishii* Hilend & J.T. Howell {SD 144517} PARISH'S BEDSTRAW
- \**Galium parisiense* L. {SD 136757} WALL BEDSTRAW
- Galium porrigens* Dempster var. *porrigens* CLIMBING/OVAL-LEAF BEDSTRAW  
 {SD 85807}
- Galium proliferum* A. Gray {SD 141506} LIMESTONE BEDSTRAW  
**2.2 S2 G5**
- Galium stellatum* Kellogg var. *eremicum* Hilend & J. Howell DESERT BEDSTRAW  
 {SD 83410} [G. s. subsp. e. (Hilend & J. T. Howell) Ehrend.]
- \**Galium tricornutum* Dandy {SD 4922} ROUGH CORN BEDSTRAW
- Note: Known from a single 1930 specimen; native to California but likely non-native to San Diego County.
- Kelloggia galioides* Torr. {SD 22179} KELLOGGIA
- \**Sherardia arvensis* L. {SD 53683} FIELD MADDER

## RUTACEAE – Rue or Citrus Family

- Cneoridium dumosum* (Torr. & A. Gray) Baill. COAST SPICE BUSH, BUSH-RUE  
 {SD 85339}
- Thamnosma montana* Torr. & Frém. {SD 118375} TURPENTINE-BROOM

## SALICACEAE – Willow Family

- Populus fremontii* S. Watson subsp. *fremontii* WESTERN COTTONWOOD  
 {SD 64081} [P. f. subsp. pubescens Sarg.]
- \**Populus nigra* L. {SD 171308} BLACK POPLAR
- Populus trichocarpa* Hook. {SD 15524} BLACK COTTONWOOD  
 [P. balsamifera L. subsp. t. (Hook.) Brayshaw]
- Salix exigua* Nutt. var. *exigua* {SD 73427} NARROW-LEAF WILLOW
- Salix exigua* Nutt. var. *hindsiana* (Benth.) Dorn {SD 124464} HINDS'S WILLOW  
 [S. hindsiana Benth. var. h., var.. leucodendroides (Rowlee) C.R. Ball, var. parishiana (Rowlee) C.R. Ball]
- Salix gooddingii* C.R. Ball {SD 14169, 121559} GOODDING'S BLACK WILLOW  
 [S. g. var. variabilis C. Ball]
- Salix laevigata* Bebb {SD 11291, 15201} RED WILLOW  
 [S. l. var. araquipa (Jeps.) Ball, var. l.]
- Salix lasiandra* Benth. var. *lasiandra* {SD 14095, 114294} SHINING WILLOW  
 [S. lucida Muhl. subsp. lasiandra (Benth.) E. Murray]
- Salix lasiolepis* Benth. {SD 875, 14102} ARROYO WILLOW  
 [S. l. var. bracelinae Ball, var. l.]

## SAPINDACEAE – Soapberry Family [incl. Aceraceae]

- Acer macrophyllum* Pursh {SD 120545} BIG-LEAF MAPLE
- Acer negundo* L. var. *californicum* (Torr. & A. Gray) Sarg. CALIFORNIA BOX-ELDER  
 {SD 126576}
- \*†*Acer saccharum* Marshall {SD 209950} SUGAR MAPLE
- \*†*Cupaniopsis anacardioides* (A. Rich) Radlk. {SD 153079} CARROTWOOD
- \*†*Dodonaea viscosa* Jacq. {SD 138810} HOP BUSH
- \*†*Koelreuteria bipinnata* Franchet {SD 152385} CHINESE FLAME TREE
- \*†*Koelreuteria elegans* (Seem.) A.C. Sm. {SD 156573} FLAMEGOLD TREE

## SAXIFRAGACEAE – Saxifrage Family

- Boykinia rotundifolia* A. Gray {SD 103334} ROUND-LEAF BOYKINIA
- §§*Heuchera brevistaminea* Wiggins {SD 99563} MOUNT LAGUNA ALUMROOT  
 1B.3 S2.3 G2
- Heuchera rubescens* Torr. {SD 119572} SAN DIEGO ALUMROOT  
 [H. r. var. versicolor (Greene) M.G. Stewart; CNPS Inventory listing of this var.:  
 3.3 S2 G5T4]
- Jepsonia parryi* (Torr.) Small {SD 70322, 111490} COAST JEPSONIA
- Lithophragma affine* A. Gray {SD 63310} WOODLAND STAR  
 [L. a. subsp. mixtum R.L. Taylor]
- Lithophragma bolanderi* A. Gray {SD 137621} BOLANDER'S WOODLAND STAR
- Lithophragma glabrum* Nutt. {SD 130886} BULBOUS WOODLAND STAR
- Lithophragma heterophyllum* (Hook. & Arn.) Torr. & A. Gray HILL STAR  
 {SD 160862}
- Lithophragma parviflorum* (Hook.) Torr. & A. Gray var. *parviflorum*  
 {SD 21688} PRAIRIE STAR
- Micranthes californica* (Greene) Small {SD 121077} CALIFORNIA SAXIFRAGE  
 [Saxifraga c. Greene]

## SCROPHULARIACEAE – Figwort Family [incl. Myoporaceae]

- Limosella acaulis* Sessé & Mociño {SD 106904} SOUTHERN MUDWORT  
 \*†*Myoporum acuminatum* R. Br. {SD 181305} MANGROVE MYOPORUM  
 \**Myoporum laetum* G. Forst. {SD 127820} NGAIO, MOUSEHOLE TREE  
 \*†*Myoporum montanum* R. Br. {SD 213227} WATERBUSH, BOOBIALLA  
 \*†*Myoporum parvifolium* R. Br. {SD 181306} SLENDER MYOPORUM  
 \*†*Myoporum sandwicense* A. Gray {SD 205967} NAIIO, HAWAII MYOPORUM  
*Scrophularia californica* Cham. & Schtdl. CALIFORNIA BEE PLANT/FIGWORT  
 {SD 130529} [S. c. subsp. floribunda (Greene) R.J. Shaw] Note: Specimens in  
 our region correspond to subsp. floribunda (Greene) R.J. Shaw, but not currently  
 recognized.  
 \**Verbascum blattaria* L. {SD 176965} MOTH MULLEIN  
 \**Verbascum thapsus* L. {SD 106601} COMMON MULLEIN  
 \**Verbascum virgatum* Stokes {SD 111585} WAND MULLEIN

## SIMAROUACEAE – Quassia or Simarouba Family

- \**Ailanthus altissima* (Mill.) Swingle {SD 141478} TREE-OF-HEAVEN

## SIMMONDSIACEAE – Jojoba Family

- Simmondsia chinensis* (Link) C.K. Schneid. {SD 83428, 86167} JOJOBA, GOATNUT

## SOLANACEAE – Nightshade Family

- \**Cestrum nocturnum* L. {UCR 73288} NIGHT JESSAMINE  
*Datura discolor* Bernh. {SD 26122} DESERT THORNAPPLE  
 \**Datura ferox* L. {SD 225152} FIERCE THORNAPPLE  
 \**Datura stramonium* L. {SD 228998} COMMON JIMSON WEED  
*Datura wrightii* Regel {SD 119595} WESTERN JIMSON WEED  
*Lycium andersonii* A. Gray {SD 128499} ANDERSON'S DESERT THORN  
 \**Lycium barbarum* L. {SD 21777} MATRIMONY VINE  
*Lycium brevipes* Benth. var. *brevipes* {SD 83449} COMMON DESERT THORN  
*Lycium brevipes* Benth. var. *hassei* (Greene) C.L. Hitchc.  
 {CAS 1170754} **1B.1 S1.1 G1Q** SANTA CATALINA ISLAND DESERT THORN  
*Lycium californicum* Nutt. {SD 85403} CALIFORNIA DESERT THORN  
**4.2 S3.2 G4**  
*Lycium cooperi* A. Gray {SD 37356} PEACH DESERT THORN  
*Lycium fremontii* A. Gray {SD 120057} FREMONT'S DESERT THORN  
*Lycium parishii* A. Gray {SD 122434} PARISH'S DESERT THORN  
**2B.3 S2S3 G3?**  
*Lycium torreyi* A. Gray {UCR 136961} TORREY'S DESERT THORN  
 \**Nicotiana acuminata* (Graham) Hook. var. *multiflora* (Phil.) Reiche  
 {SD 154862} MANY-FLOWER TOBACCO  
*Nicotiana attenuata* S. Watson {SD 114926} COYOTE TOBACCO  
*Nicotiana clevelandii* A. Gray {SD 115542} CLEVELAND'S TOBACCO  
 \**Nicotiana glauca* Graham {SD 129891} TREE TOBACCO  
*Nicotiana obtusifolia* M. Martens & Galeotti {SD 118893} DESERT TOBACCO  
 [N. trigonophylla Dunal]  
*Nicotiana quadrivalvis* Pursh {SD 126691} INDIAN TOBACCO  
 [N. bigelovii (Torr.) S. Watson var. wallacei A. Gray]  
 \*†*Petunia axillaris* (Lam.) Britton et al. {SD 155391} LARGE WHITE PETUNIA

- Petunia parviflora* Juss. {SD 132829} WILD PETUNIA  
[Calibrachoa parviflora (Juss.) D'Arcy]
- Physalis acutifolia* (Miers) Sandwith {SD 114444} WRIGHT'S GROUND-CHERRY
- Physalis crassifolia* Benth. {SD 119032} GREENE'S GROUND-CHERRY  
[P. c. var. c.; P. greenei Vasey & Rose]
- Physalis hederifolia* A. Gray var. *fendleri* (A. Gray) Cronquist  
{SD 198030} FENDLER'S GROUND-CHERRY  
[P. h. var. cordifolia (A. Gray) Waterf.]
- Physalis hederifolia* A. Gray var. *palmeri* (A. Gray) C.L. Hitchc.  
{SD 6931} PALMER'S GROUND-CHERRY
- \**Physalis philadelphica* Lam. {SD 114442} TOMATILLO
- \**Physalis pubescens* L. var. *grisea* Waterf. STRAWBERRY-TOMATO GROUND-CHERRY  
{SD 37012} [P. grisea (Waterf.) M. Martínez]
- \**Physalis pubescens* L. var. *integrifolia* (Dunal) Waterf. HAIRY GROUND-CHERRY  
{SD 114441}
- \**Salpichroa organifolia* (Lam.) Baill. {SD 4455} LILY-OF-THE-VALLEY VINE
- Solanum americanum* Miller {SD 53637} WHITE NIGHTSHADE
- \**Solanum aviculare* G. Forst. {SD 173579} NEW ZEALAND NIGHTSHADE
- \**Solanum carolinense* L. {SD 136125} CAROLINA HORSENETTLE
- Solanum douglasii* Dunal {SD 85384} DOUGLAS'S NIGHTSHADE
- \**Solanum elaeagnifolium* Cav. {SD 115725} WHITE/SILVER-LEAF HORSENETTLE
- \**Solanum furcatum* Dunal {SD 195505} FORKED NIGHTSHADE
- \**Solanum lanceolatum* Cav. {SD 158283} LANCE-LEAF NIGHTSHADE
- \**Solanum lycopersicum* L. {SD 155752} GARDEN TOMATO  
[Lycopersicon esculentum Mill.]
- \**Solanum marginatum* L. f. {SD 53590} WHITE-MARGIN NIGHTSHADE
- \**Solanum nigrum* L. {SD 26958} BLACK NIGHTSHADE
- Solanum parishii* A. Heller {SD 110300} PARISH'S NIGHTSHADE
- \**Solanum peruvianum* L. {SD 104758} PERUVIAN TOMATO  
[Lycopersicon peruvianum (L.) Mill.]
- \**Solanum physalifolium* Rusby var. *nitidibaccatum* (Bitter) Edmonds  
{SD 114437} [S. sarrachoides Sendtner, misappl.] HAIRY NIGHTSHADE
- \**Solanum rostratum* Dunal {SD 140538} BUFFALO BUR
- Solanum umbelliferum* Eschsch. {SD 122500} BLUE WITCH
- Solanum xanti* A. Gray {SD 73375, 15306} CHAPARRAL NIGHTSHADE  
[S. tenuilobatum Parish; S. x. var. hoffmannii Munz, var. intermedium Parish, var. montanum Munz]

## STYRACACEAE – Storax Family

- Styrax redivivus* (Torr.) L.C. Wheeler {SD 128385} SNOWDROP BUSH  
[S. officinalis L. subsp. fulvescens (Eastw.) Thorne; S. o. var. r. (Torr.) R.A. Howard]

## TAMARICACEAE – Tamarisk Family

- \**Tamarix aphylla* (L.) H. Karst. {SD 138797} ATHEL
- \**Tamarix chinensis* Lour. {SD 85769} FIVESTAMEN TAMARISK
- \**Tamarix gallica* L. {SD 24475} FRENCH TAMARISK
- \**Tamarix parviflora* DC. {SD 99517} SMALLFLOWER TAMARISK
- \**Tamarix ramosissima* Ledeb. {SD 106685} SALT CEDAR



**THEOPHRASTACEAE** – Theophrasta Family [=Primulaceae s.l., APG III]  
*Samolus parviflorus* Raf. {SD 122936} WATER-PIMPERNEL, SEASIDE BROOKWEED

**TROPAEOLACEAE** – Nasturtium Family  
*\*Tropaeolum majus* L. {SD 133923} GARDEN NASTURTIUM

**ULMACEAE** – Elm Family  
*\*Ulmus americana* L. {SD 173583} AMERICAN ELM  
*\*Ulmus parvifolia* Jacq. {SD 143647} CHINESE ELM  
*\*Ulmus pumila* L. {SD 173584} SIBERIAN ELM

**URTICACEAE** – Stinging Nettle Family  
*Hesperocnide tenella* Torr. {SD 73362} WESTERN NETTLE  
*Parietaria hespera* Hinton var. *californica* Hinton {SD 168156} CALIFORNIA PELLITORY  
*Parietaria hespera* Hinton var. *hespera* {SD 14530} WESTERN PELLITORY  
*\*Parietaria judaica* L. {SD 225701} SPREADING PELLITORY  
*Parietaria pensylvanica* Willd. {SD 154228} PENNSYLVANIA PELLITORY  
*\*Soleirolia soleirolii* (Req.) Dandy {SD 176729} BABY'S TEARS  
*Urtica dioica* L. subsp. *holosericea* (Nutt.) Thorne {SD 71653} HOARY NETTLE  
*\*Urtica urens* L. {SD 115105} DWARF NETTLE

**VALERIANACEAE** – Valerian Family  
*\*Centranthus ruber* (L.) DC. {SD 174002} RED VALERIAN  
*Plectritis ciliosa* (Greene) Jeps. {SD 131199} LONG-SPUR PLECTRITIS  
 [Plectritis ciliosa subsp. insignis (Suksd.) Morey]  
*Plectritis congesta* (Lindl.) DC. subsp. *brachystemon* (Fisch. & C.A. Mey.) Morey {SD 128623} SHORT-SPUR PLECTRITIS  
 [P. brachystemon Fisch. & C.A. Mey.]

**VERBENACEAE** – Vervain Family  
*\*Lantana camara* L. {SD 144524} LANTANA  
*\*Lantana montevidensis* (Spreng.) Briq. {SD 143646} TRAILING LANTANA  
*Phyla lanceolata* (Michx.) Greene {SD 114498} LANCE-LEAF FROG FRUIT  
 [Lippia l. Michx.]  
*Phyla nodiflora* (L.) Greene {SD 92966, 114560} GARDEN LIPPIA  
 [P. n. var. incisa (Small) Moldenke] Note: Taxon in San Diego Co. possibly non-native.  
*Verbena bracteata* Lag. & Rodr. {SD 114497} BRACT VERVAIN  
*Verbena lasiostachys* Link var. *lasiostachys* {SD 106624} WESTERN VERVAIN  
*Verbena lasiostachys* Link var. *scabrida* Moldenke {SD 12197} ROBUST VERVAIN  
 [V. robusta Greene]  
*\*Verbena litoralis* Kunth {SD 211473} SEASHORE VERVAIN  
*Verbena menthifolia* Benth. {SD 71707} MINT-LEAF VERVAIN  
*\*Verbena pulchella* Sweet {SD 95155} SOUTH AMERICAN MOCK VERVAIN  
 [V. tenuisecta Briq.]  
*Verbena scabra* Vahl {SD 135332} SANDPAPER VERVAIN

## VIOLACEAE – Violet Family

- Viola adunca* Sm. subsp. *adunca* {SD 27301} WESTERN DOG VIOLET  
*Viola douglasii* Steud. {SD 121086} DOUGLAS'S VIOLET  
*Viola lobata* Benth. subsp. *integrifolia* (S. Watson) R.J. Little PINE VIOLET  
 {SD 85957}  
*Viola lobata* Benth. subsp. *lobata* {SD 85962} MOOSE-HORN VIOLET  
*Viola nephrophylla* Greene {SD 16428} KIDNEY-LEAF BLUE VIOLET  
 [V. sororia subsp. affinis (Leconte) R.J. Little]  
*Viola pedunculata* Torr. & A. Gray {SD 129799} JOHNNY JUMP-UP  
 [V. p. subsp. p.]  
*Viola pinetorum* Greene subsp. *pinetorum* GRAY-LEAF YELLOW VIOLET  
 {SD 44730} [V. purpurea subsp. xerophyta M.S. Baker & J.C. Clausen]  
*Viola purpurea* Kellogg subsp. *mohavensis* (M.S. Baker & J.C. Clausen)  
 J.C. Clausen {SD 208302} MOHAVE GOOSEFOOT VIOLET  
*Viola purpurea* Kellogg subsp. *purpurea* {SD 136119} MOUNTAIN VIOLET  
*Viola purpurea* Kellogg subsp. *quercetorum* (M.S. Baker & J.C. Clausen) R.J. Little  
 {SD 86151} [V. q. M.S. Baker & J.C. Clausen] OAK YELLOW VIOLET

## VISCACEAE – Mistletoe Family [=Santalaceae s.l., sensu APG III]

- Arceuthobium campylopodum* Engelm. WESTERN DWARF MISTLETOE  
 {SD 40465, 136404} [A. californicum Hawks. & Wiens]  
*Phoradendron bolleanum* (Seem.) Eichler DENSE MISTLETOE  
 {SD 122371, 136403} [P. densum Trel.; P. b. subsp. densum (Torr.) Wiens;  
 P. pauciflorum Torr.; P. b. subsp. pauciflorum (Torr.) Wiens]  
*Phoradendron californicum* Nutt. {SD 122372} DESERT MISTLETOE  
*Phoradendron juniperinum* A. Gray {SD 136402} INCENSE-CEDAR MISTLETOE  
 [P. juniperinum subsp. libocedri (Engelm.) Wiens; P. l. (Engelm.) Howell]  
*Phoradendron leucarpum* (Raf.) Reveal & M.C. Johnst. subsp. *macrophyllum*  
 (Engelm.) J.R. Abbott & R.L. Thomps. {SD 20059} BIG-LEAF MISTLETOE  
 [P. macrophyllum (Engelm.) Cockerell; P. serotinum (Raf.) M.C. Johnst. subsp. m.  
 (Engelm.) Kuijt; P. tomentosum (DC.) A. Gray subsp. m. (Engelm.) Wiens]  
*Phoradendron leucarpum* (Raf.) Reveal & M.C. Johnst. subsp. *tomentosum* (DC.)  
 J.R. Abbott & R.L. Thomps. {SD 128241} OAK MISTLETOE  
 [P. serotinum (Raf.) M.C. Johnst. subsp. t. (DC.) Kuijt; P. villosum (Nutt.) Engelm.]

## VITACEAE – Grape Family

- Parthenocissus vitacea* (Kner) Hitchc. {SD 122707} WOODBINE  
*Vitis girdiana* Munson {SD 79421} SOUTHERN CALIFORNIA WILD GRAPE  
 \**Vitis vinifera* L. {SD 161898} CULTIVATED GRAPE, WINE GRAPE

## ZYGOPHYLLACEAE – Caltrop Family

- Fagonia laevis* Standl. {SD 52538} CALIFORNIA FAGONIA  
*Fagonia pachyacantha* Rydb. {SD 121081} STICKY FAGONIA  
*Kallstroemia californica* (S. Watson) Vail {SD 120063} CALIFORNIA CALTROP  
*Kallstroemia parviflora* Norton {SD 16447} WARTY CALTROP  
*Larrea tridentata* (DC.) Coville {SD 118443} CREOSOTE BUSH  
 [L. divaricata Cav. subsp. t. (DC.) Felger & Lowe]  
 \**Tribulus terrestris* L. {SD 115724} PUNCTURE VINE

## ANGIOSPERMS: MONOCOTS

## AGAVACEAE – Agave Family

- \*†*Agave americana* L. {SD 225168} AMERICAN AGAVE  
*Agave deserti* Engelm. var. *deserti* {SD 140503} DESERT AGAVE  
 [A. d. subsp. d.] Note: Subspecies recognized by Gentry 1978.  
*Agave shawii* Engelm. var. *shawii* {SD 79406} SHAW'S AGAVE  
 [A. s. subsp. s.] Note: Subspecies recognized by Gentry 1978. **2B.1 S1.2 G2G3**  
*Chlorogalum parviflorum* S. Watson SMALL-FLOWER SOAP-PLANT/AMOLE  
 {SD 139376}  
*Chlorogalum pomeridianum* (DC.) Kunth var. *pomeridianum*  
 {SD 86077} WAVY-LEAF SOAP-PLANT/AMOLE  
*Hesperocallis undulata* A. Gray {SD 118110} DESERT LILY  
*Hesperoyucca whipplei* (Torr.) Trel. {SD 111488} CHAPARRAL CANDLE  
 [Yucca whipplei Torr.]  
 \*†*Yucca gloriosa* L. {SD 173303} SPANISH DAGGER  
*Yucca schidigera* Ortgies {SD 131292} MOHAVE YUCCA

## ALISMATACEAE – Water-Plantain Family

- Alisma triviale* Pursh {SD 152407} WATER-PLANTAIN  
 [Alisma plantago-aquatica L., misappl.]  
*Echinodorus berteroi* (Spreng.) Fassett {SD 141451} BURHEAD  
 \*†*Sagittaria lancifolia* L. subsp. *media* (M. Micheli) Bogin  
 {SD 18323} BULLTONGUE ARROWHEAD  
*Sagittaria montevidensis* Cham. & Schtdl. subsp. *calycina* (Engelm.) Bogin  
 {SD 140602} HOODED ARROWHEAD

## ALLIACEAE – Onion Family

- Allium amplexans* Torr. {SD 122737} PAPER ONION  
*Allium campanulatum* S. Watson {SD 85956} SIERRA ONION  
*Allium fimbriatum* S. Watson var. *fimbriatum* {SD 122366} DESERT ONION  
*Allium haematochiton* S. Watson {SD 120678} RED-SKIN ONION  
*Allium lacunosum* S. Watson var. *davisiae* (M.E. Jones) McNeal & Ownbey  
 {SD 131289} JONES'S ONION  
*Allium marvinii* Davidson {SD 129859} **1B.1 S1 G1** YUCAIPA ONION  
 [previously included in *A. haematochiton*]  
*Allium parryi* S. Watson {SD 128559} PARRY'S ONION  
 [A. fimbriatum S. Watson var. p. (S. Watson) F. Ownby & Aase]  
*Allium peninsulare* Greene var. *peninsulare* {SD 99529} RED-FLOWER ONION  
*Allium praecox* Brandegee {SD 85423} EARLY ONION  
 \**Nothoscordum gracile* (Aiton) Stearn {SD 45366} YELLOW FALSE-GARLIC  
 [N. inodorum (Aiton) Nicholson; see Stearn 1986.]

## AMARYLLIDACEAE – Amaryllis Family

- \**Amaryllis belladonna* L. {SD 143685} BELLADONNA-LILY  
 \**Leucojum aestivum* L. {SD 185999} SUMMER SNOWFLAKE  
 \**Narcissus pseudonarcissus* L. {SD 154131} NARCISSUS  
 \**Narcissus tazetta* L. {SD 159321} CREAM NARCISSUS

APONOGETONACEAE – Cape-Pondweed Family

- \**Aponogeton distachyos* L. f. {SD 120702} CAPE-PONDWEED  
 [A. distachyon, spelling variant]

ARACEAE – Arum/Duckweed Family [incl. Lemnaceae]

- Lemna gibba* L. {SD 114846} SWOLLEN DUCKWEED  
*Lemna minor* L. {SD 114840} COMMON DUCKWEED  
*Lemna minuta* Kunth {SD 130876} LEAST DUCKWEED  
 [L. minuscula Herter]  
*Lemna turionifera* Landolt {SD 117597} TURION DUCKWEED  
*Lemna valdiviana* Phil. {SD 115787} VALDIVIA DUCKWEED  
*Spirodela punctata* (G. Meyer) C. Thompson {SD 114817} DUCKMEAT  
*Wolffia arrhiza* (L.) Wimm. {SD 129773} COMMON WATER-MEAL  
*Wolffia borealis* (Hegelm.) Landolt & Wildi {SD 105410} NORTHERN WATER-MEAL  
*Wolffia columbiana* H. Karst. {SD 117146} COLUMBIAN WATER-MEAL  
*Wolffia globosa* (Roxb.) Hartog & Plas {SD 129774} ASIAN WATER-MEAL  
 \**Zantedeschia aethiopica* (L.) Spreng. {SD 122674} CALLA-LILY

ARECACEAE (PALMAE) – Palm Family

- \**Phoenix canariensis* Chabaud {SD 144520} CANARY ISLAND DATE PALM  
 \**Phoenix dactylifera* L. {SD 227921} EDIBLE DATE PALM  
 \**Syagrus romanzoffiana* (Cham.) Glassman {SD 152408} QUEEN PALM  
*Washingtonia filifera* (André) de Bary {SD 16442} CALIFORNIA FAN PALM  
 \**Washingtonia robusta* H. Wendl. {SD 144521} MEXICAN FAN PALM

ASPARAGACEAE – Asparagus Family

- \**Asparagus asparagoides* (L.) Druce {SD 115696} FLORIST'S-SMILAX  
 \*†*Asparagus densiflorus* (Kunth) Jessop {SD 153064} SPRENGER'S ASPARAGUS-FERN  
 \**Asparagus officinalis* L. subsp. *officinalis* {SD 16029} GARDEN ASPARAGUS  
 \**Asparagus setaceus* (Kunth) Jessop {SD 118576} ASPARAGUS-FERN

ASPHODELACEAE – Asphodel Family

- \**Aloe maculata* All. {SD 210496} SOAP ALOE  
 [A. saponaria (Aiton) Haw.]  
 \**Aloe Xschoenlandii* Baker {SD 136448} ALOE  
 \**Asphodelus fistulosus* L. {SD 130579} HOLLOW-STEM ASPHODEL

COMMELINACEAE – Spiderwort Family

- \**Commelina benghalensis* L. {SD 143686} DAYFLOWER

CYPERACEAE – Sedge Family

- Bolboschoenus glaucus* (Lam.) S.G. Sm. {SD 230309} TUBEROUS BULRUSH  
 [Scirpus tuberosus Desf., misappl., Schoenoplectus glaucus (Lam.) Kartesz]  
*Bolboschoenus maritimus* (L.) Palla subsp. *paludosus* (A. Nelson) T. Koyama  
 {SD 83641} PRAIRIE BULRUSH  
 [Scirpus maritimus L.] Note: All San Diego Co. specimens were previously  
 incorrectly identified as S. robustus Pursh (J. Gibson, personal communication).  
*Carex abrupta* Mack. {RSA 364720} ABRUPT-BEAK SEDGE  
*Carex alma* L.H. Bailey {SD 112255} STURDY SEDGE

- Carex athrostachya* Olney {SD 136991} SLENDER-LEAF SEDGE  
*Carex barbarae* Dewey {SD 17396} SANTA BARBARA SEDGE  
*Carex densa* L.H. Bailey {SD 227142} DENSE SEDGE  
*Carex feta* L.H. Bailey {SD 22182} GREEN-SHEATH SEDGE  
*Carex fracta* Mack. {SD 27610} FRAGILE-SHEATH SEDGE  
*Carex globosa* Boott {SD 106774} ROUND-FRUIT SEDGE  
*Carex hassei* L.H. Bailey {RSA 88741} HASSE'S SEDGE  
*\*Carex inversa* R. Br. {RSA 560487} KANGAROO/KNOB SEDGE  
*Carex multicaulis* L.H. Bailey {SD 122472} MANY-STEM SEDGE  
*Carex multicostata* Mack. {SD 137371} MANY-RIB SEDGE  
*Carex obispoensis* Stacey {SD 154685} SAN LUIS OBISPO SEDGE  
**1B.2 S2.2 G2**  
*Carex praegracilis* W. Boott {SD 114721} CLUSTER FIELD SEDGE  
*Carex sartwelliana* Olney {SD 134358} YOSEMITE SEDGE  
 [C. yosemitana L.H. Bailey]  
*Carex schottii* Dewey {SD 26868} SCHOTT'S SEDGE  
*Carex senta* Boott {SD 70726} ROUGH SEDGE  
*Carex spissa* L.H. Bailey {SD 115131} SAN DIEGO SEDGE  
*Carex subfusca* W. Boott {SD 79868, 79870} RUSTY SEDGE  
 [C. teneriformis Mack., C. teneraeformis, spelling variant]  
*Carex triquetra* Boott {SD 31316} TRIANGULAR-FRUIT SEDGE  
*\*Cyperus difformis* L. {SD 25984} RICE FLATSEDGE  
*Cyperus eragrostis* Lam. {SD 124456} TALL FLATSEDGE  
*Cyperus erythrorhizos* Muhl. {SD 6217} RED-ROOT FLATSEDGE  
*Cyperus esculentus* L. var. *heermannii* (Buckley) Britton  
 {SD 12145} HEERMANN'S YELLOW NUTSEGE  
*Cyperus esculentus* L. var. *leptostachyus* Boeck. YELLOW NUTSEGE  
 {SD 155879}  
*Cyperus esculentus* L. var. *macrostachyus* Boeck. LARGE SPIKE NUTSEGE  
 {US 31874} Note: Cited for San Diego Co. in Schippers et al. 1995.  
*\*Cyperus involucratus* Rottb. {SD 118350} AFRICAN UMBRELLA PLANT  
 [C. alternifolius L.]  
*Cyperus laevigatus* L. {SD 20130} SMOOTH FLATSEDGE  
*Cyperus niger* Ruiz & Pav. {SD 28211} BROWN UMBRELLA-SEGE  
 [C. n. var. capitatus (Britton) O'Neill]  
*Cyperus odoratus* L. {SD 58963} FRAGRANT FLATSEDGE  
*\*†Cyperus owanii* Boeckl. {SD 21879} OWAN'S RUSH  
*Cyperus parishii* Britton {SD 112156} PARISH'S FLATSEDGE  
*\*Cyperus rotundus* L. {SD 53642} PURPLE NUTSEGE  
*Cyperus squarrosus* L. {SD 106635} BEARD FLATSEDGE  
*Cyperus strigosus* L. {SD 16309} FALSE NUTSEGE  
*Eleocharis acicularis* (L.) Roem. & Schult. var. *acicularis*  
 {SD 106903} NEEDLE SPIKE-RUSH  
*Eleocharis acicularis* (L.) Roem. & Schult. var. *occidentalis* Svenson  
 {SD 14439} WESTERN NEEDLE SPIKE-RUSH  
*Eleocharis bella* (Piper) Svenson {SD 106565} DELICATE SPIKE-RUSH  
 [E. acicularis var. bella Piper]  
*Eleocharis coloradoensis* (Britton) Gilly {SD 160828} DWARF SPIKE-RUSH

- †*Eleocharis erythropoda* Steud. {SD 86055} BALD SPIKE-RUSH  
 Note: Annotated as such, but “toward *E. macrostachya*,” by S. Galen Smith, 2005.
- Eleocharis geniculata* (L.) Roem. & Schult. {SD 20145} CAPITATE SPIKE-RUSH
- Eleocharis macrostachya* Britton {SD 80535} PALE SPIKE-RUSH
- Eleocharis montevidensis* Kunth {SD 79431} SAND SPIKE-RUSH
- Eleocharis palustris* (L.) Roem. & Schult. {SD 71709} COMMON SPIKE-RUSH  
 Note: This species was split from *E. macrostachya* in Jepson II.
- Eleocharis parishii* Britton {SD 106631} PARISH’S SPIKE-RUSH  
 [*E. montevidensis* Kunth var. *parishii* (Britton) V.E. Grant]
- Eleocharis quinqueflora* (Hartmann) O. Schwarz FEW-FLOWER SPIKE-RUSH  
 {SD 44068} [*E. pauciflora* (Lightfoot) Link]
- Eleocharis radicans* (Poir.) Kunth {SD 156811} CREEPING SPIKE-RUSH
- Eleocharis rostellata* (Torr.) Torr. {SD 11206} BEAK SPIKE-RUSH
- Isolepis cernua* (Vahl) Roem. & Schult. {SD 112247} CALIFORNIA CLUB-RUSH  
 [*Scirpus cernuus* Vahl subsp. *californicus* (Torr.) Thorne]
- \**Kyllinga brevifolia* Rottb. {SD 53632} SHORT-LEAF FLATSEDGE
- \**Lipocarpa micrantha* (Vahl) G.C. Tucker {SD 21906} COMMON HEMICARPHA  
 [*Hemicarpha m.* (Vahl) Britt. var. *minor* (Schrad.) Friedl.] Note: Native to California but not to San Diego Co.
- Lipocarpa occidentalis* (A. Gray) G.C. Tucker WESTERN HALF-CHAFF SEDGE  
 {SD 161999}
- Schoenoplectus acutus* (Bigelow) Á. Löve & D. Löve var. *occidentalis* (S. Watson) S.G. Sm. {SD 17949} VISCID BULRUSH  
 [*Scirpus a.* Bigelow var. *o.* (S. Watson) Beetle]
- Schoenoplectus americanus* (Pers.) Schinz & R. Keller OLNEY’S BULRUSH  
 {SD 85303} [*Scirpus a.* Pers.]
- Schoenoplectus californicus* (C.A. Mey.) Soják CALIFORNIA BULRUSH  
 {SD 23616} [*Scirpus c.* (C.A. Meyer) Steudel]
- Schoenoplectus pungens* (Vahl) Palla var. *longispicatus* (Britton) S.G. Sm. COMMON THREESQUARE  
 {SD 112241} [*Scirpus p.* Vahl]
- Scirpus microcarpus* J. Presl & C. Presl {SD 60450} SMALL-FRUIT BULRUSH

## HYDROCHARITACEAE – Waterweed Family

- \**Hydrilla verticillata* (L. f.) Royle {SD 103753} HYDRILLA
- Najas guadalupensis* (Spreng.) Magnus subsp. *guadalupensis* {SD 160831} COMMON WATER-NYPH
- Najas marina* L. {SD 117841} HOLLY-LEAF WATER-NYPH

## IRIDACEAE – Iris Family

- \**Chasmanthe floribunda* (Salisb.) N.E. Br. {SD 120684} AFRICAN CORNFLAG
- \*†*Diets bicolor* (Steud.) Klatt {SD 178270} AFRICAN IRIS  
 [*Moraea bicolor* Steud.]
- \*†*Iris germanica* L. {UCR 136347} GERMAN IRIS
- Iris missouriensis* Nutt. {SD 112093} WESTERN BLUE FLAG
- \*†*Iris pallida* Lam. {SD 225137} SWEET IRIS
- \**Iris pseudacorus* L. {SD 119872} PALE YELLOW IRIS
- \**Romulea rosea* (L.) Eckl. var. *australis* (Ewart) M.P. de Vos ROSY SAND-CROCUS  
 {SD 158272}
- Sisyrinchium bellum* S. Watson {SD 131290} BLUE-EYED-GRASS

## JUNCACEAE – Rush Family

- Juncus acutus* L. subsp. *leopoldii* (Parl.) Snogerup SOUTHWESTERN SPINY RUSH  
{SD 85314} 4.2 S3.2 G5T5
- Juncus ambiguus* Guss. {SD 15085} FASCICULATE TOAD RUSH  
[*J. bufonius* L. var. *halophilus* Buchenau & Fern.]
- Juncus balticus* Willd. subsp. *ater* (Rydb.) Snogerup {SD 112236} WIRE RUSH  
[*Juncus arcticus* Willd. var. *balticus* (Willd.) Trautv.]
- Juncus breweri* Engelm. {RSA 368248} BREWER'S RUSH  
Note: FNA vol. 22 lists *J. breweri* as a synonym of *J. articus* Willd. var. *balticus* (Willd.) Trautvetter; recognized as a separate taxon in Jepson II.
- Juncus bryoides* F.J. Herm. {SD 121511} ONE-FLOWER DWARF RUSH
- Juncus bufonius* L. var. *bufonius* {SD 132946} TOAD RUSH  
Note: FNA vol. 22 does not recognize varieties of this species.
- \**Juncus bufonius* L. var. *congestus* Wahlb. {SD 86066} CLUSTERED TOAD RUSH  
Note: FNA vol. 22 does not recognize varieties of this species.
- Juncus bufonius* L. var. *occidentalis* F.J. Herm. {SD 209529} WESTERN TOAD RUSH  
Note: FNA vol. 22 does not recognize varieties of this species; often misidentified as *J. sphaerocarpus* Nees.
- Juncus cooperi* Engelm. {SD 155379} 4.3 S3.3 G4 COOPER'S RUSH
- Juncus dubius* Engelm. {SD 132944} MARIPOSA RUSH
- †*Juncus effusus* L. subsp. *austrocalifornicus* Zika {SD 124504} PACIFIC RUSH
- Juncus kelloggii* Engelm. {SD 206379} KELLOGG'S DWARF RUSH
- Juncus longistylis* Torr. {RSA 264608} LONG-STYLE RUSH
- Juncus luciensis* Ertter {SD 121497} 1B.2 S2S3 G2G3 SANTA LUCIA RUSH
- Juncus macrandrus* Coville {SD 206360} LONG-ANTHER RUSH
- Juncus macrophyllus* Coville {SD 124459} LONG-LEAF RUSH
- Juncus mexicanus* Willd.  
{SD 106571} [*Juncus arcticus* Willd. var. *mexicanus* (Willd.) Balslev] MEXICAN RUSH
- Juncus occidentalis* (Coville) Wiegand {SD 22143} WESTERN RUSH  
[*J. tenuis* Willd. var. *o.* Coville, var. *congestus* Engelm.]
- Juncus oxymyris* Engelm. {SD 106863} POINTED RUSH
- Juncus patens* E. Mey. {SD 136980} SPREADING RUSH
- Juncus phaeocephalus* Engelm. var. *paniculatus* Engelm. BROWN-HEAD RUSH  
{SD 17904}
- Juncus rugulosus* Engelm. {SD 52510} WRINKLED RUSH
- Juncus textilis* Buchenau {SD 94490} BASKET RUSH
- Juncus tiehmii* Ertter {SD 121502} NEVADA RUSH/TIEHM'S RUSH
- Juncus torreyi* Coville {SD 16195} TORREY'S RUSH
- Juncus triformis* Engelm. {SD 121517} YOSEMITE DWARF RUSH
- Juncus uncialis* Greene {SD 30896} INCH-HIGH DWARF RUSH
- Juncus xiphioides* E. Mey. {SD 124461} IRIS-LEAF RUSH
- Luzula comosa* E. Mey. var. *laxa* Buchenau {SD 140600} COMMON WOOD-RUSH  
[*L. c.* var. *congesta* S. Watson] Note: Needs further study.

## JUNCAGINACEAE – Arrow-Grass Family

- Triglochin concinna* Burt Davy var. *concinna* {SD 85529} SEASIDE ARROW-GRASS  
Note: Synonymous with *T. maritima* in some treatments.
- Triglochin scilloides* (Poir.) Mering & Kadereit FLOWERING QUILL WORT  
{SD 80571} [*Lilaea scilloides* (Poir.) Hauman]

## LILIACEAE – Lily Family

- Calochortus albus* (Benth.) Benth. {SD 70320} WHITE GLOBE LILY, FAIRY LANTERN  
*Calochortus concolor* (Baker) Purdy {SD 86548} GOLDEN-BOWL MARIPOSA LILY  
 §§*Calochortus dunnii* Purdy {SD 136445} DUNN'S MARIPOSA LILY  
 1B.2 S2.1 G2 CR  
*Calochortus invenustus* Greene {SD 111548} SHY MARIPOSA LILY  
*Calochortus palmeri* S. Watson var. *munzii* Ownbey SAN JACINTO MARIPOSA LILY  
 {SD 111514} 1B.2 S1 G2T1  
*Calochortus splendens* Benth. {SD 130577} SPLENDID MARIPOSA LILY  
*Calochortus superbus* J.T. Howell {SD 115167} SUPERB MARIPOSA LILY  
 †*Calochortus weedii* Alph. Wood var. *peninsularis* Ownbey  
 {SD 166983} BAJA CALIFORNA MARIPOSA LILY  
*Calochortus weedii* Alph. Wood var. *weedii* {SD 106458} WEED'S MARIPOSA LILY  
*Fritillaria biflora* Lindl. var. *biflora* {SD 85430} CHOCOLATE LILY  
*Lilium humboldtii* Duch. subsp. *ocellatum* (Kellogg) Thorne OCELLATED LILY  
 {SD 115226} [L. h. var. *bloomerianum* (Kellogg) Jeps., var. *ocellatum* (Kellogg)  
 Elwes.] 4.2 S3.2 G4T3  
*Lilium pardalinum* Kellogg subsp. *pardalinum* {SD 114752} LEOPARD LILY  
*Lilium parryi* S. Watson {SD 115034} LEMON LILY  
 1B.2 S2 G3

## MELANTHIACEAE – Bunch Flower or Camas Family

- Toxicoscordion fremontii* (Torr.) Rydb. {SD 85367, 118114} FREMONT'S CAMAS  
 [Zigadenus f. (Torr.) S. Watson]  
*Toxicoscordion venenosum* (S. Watson) Rydb. var. *venenosum* DEATH CAMAS  
 {SD 85729} [Zigadenus venenosus S. Watson var. v.]  
*Veratrum californicum* Durand var. *californicum* CALIFORNIA CORN LILY  
 {SD 22155}

## ORCHIDACEAE – Orchid Family

- Cephalanthera austiniiae* (A. Gray) A. Heller {SD 133868} PHANTOM ORCHID  
*Corallorhiza maculata* (Raf.) Raf. var. *maculata* {SD 119588} SPOTTED CORALROOT  
*Corallorhiza striata* Lindl. {SD 7902} STRIPED CORALROOT  
*Epipactis gigantea* Hook. {SD 127832} STREAM ORCHID  
*Piperia cooperi* (S. Watson) Rydb. {SD 130879} COOPER'S REIN ORCHID  
 4.2 S3.2 G4  
*Piperia elongata* Rydb. {SD 18172} DENSE-FLOWER REIN ORCHID  
*Piperia leptopetala* Rydb. {SD 120465} NARROW-PETAL REIN ORCHID  
 4.3 S3.3 G3  
*Piperia transversa* Suksd. {SD 121026} ROYAL REIN ORCHID  
*Piperia unalascensis* (Spreng.) Rydb. {SD 16259} SLENDERSPIRE PIPERIA  
 [Habenaria u. (Spreng.) S. Watson]  
*Platanthera dilatata* (Pursh) L.C. Beck var. *leucostachys* (Lindl.) Luer  
 {SD 112765} WHITE-FLOWER BOG-ORCHID  
 [Habenaria l. (Lindl.) S. Watson; P. leucostachys Lindl.]  
*Spiranthes porrifolia* Lindl. {SD 106725} LADIES' TRESSES  
 [S. romanzoffiana Cham. var. p. (Lindl.) Ames & Correll]



## POACEAE (GRAMINEAE) – Grass Family

- \**Aegilops cylindrica* Host {SD 225163} JOINTED GOAT GRASS  
 \**Aegilops triuncialis* L. {SD 225138} BARBED GOAT GRASS  
 \**Agropyron cristatum* (L.) Gaertn. subsp. *pectinatum* (M. Bieb.) Tzvelev  
 {SD 161063} DESERT CRESTED WHEAT GRASS  
 [A. c. subsp. desertorum (Link) Á. Löve; A. desertorum (Link) Schult.]  
 \**Agrostis avenacea* J.F. Gmel. {SD 121606} PACIFIC BENT GRASS  
*Agrostis exarata* Trin. {SD 120516} SPIKE REDTOP  
 [A. e. var. minor Hook.]  
*Agrostis microphylla* Steud. {SD 121173} SMALL-LEAF BENT  
*Agrostis pallens* Trin. {SD 121596} SEASHORE BENT GRASS  
 [A. diegoensis Vasey]  
*Agrostis scabra* Willd. {SD 22084} ROUGH BENT GRASS  
 \**Agrostis stolonifera* L. {SD 121599} CREEPING BENT  
 [A. s. L. var. palustris (Hudson) Farwell]  
 \**Aira caryophyllea* L. {SD 136707} SILVER EUROPEAN HAIR GRASS  
*Alopecurus aequalis* Sobol. var. *aequalis* {SD 121609} SHORT-AWN FOXTAIL  
*Alopecurus carolinianus* Walter {SD 21689} CAROLINA FOXTAIL  
 \**Alopecurus pratensis* L. {SD 161066} MEADOW FOXTAIL  
*Alopecurus saccatus* Vasey {SD 112202} HOWELL'S FOXTAIL  
 [A. howellii Vasey]  
*Andropogon glomeratus* (Walter) Britton var. *scabriglumis* C.S. Campb.  
 {SD 138952} SOUTHWESTERN BUSHY BLUESTEM  
*Aristida adscensionis* L. {SD 91951} SIX-WEEKS THREE-AWN  
*Aristida californica* Thurb. var. *californica* CALIFORNIA THREE-AWN  
 {SD 167970}  
*Aristida divaricata* Willd. POVERTY THREE-AWN  
 {GH 341044} Note: Known in San Diego Co. from only two historical collections.  
*Aristida purpurea* Nutt. var. *fendleriana* (Steud.) Vasey FENDLER'S THREE-AWN  
 {SD 140498}  
*Aristida purpurea* Nutt. var. *longiseta* (Steud.) Vasey RED THREE-AWN  
 {SD 119698} [A. p. var. robusta (Merr.) A. & N. Holmgren]  
*Aristida purpurea* Nutt. var. *nealleyi* (Vasey) Allred NEALLEY'S THREE-AWN  
 {SD 21757} [A. p. var. glauca (Nees) A. & N. Holmgren]  
*Aristida purpurea* Nutt. var. *parishii* (Hitchc.) Allred PARISH'S THREE-AWN  
 {SD 121005} [A. parishii Hitchc.]  
*Aristida purpurea* Nutt. var. *purpurea* {SD 15766} PURPLE THREE-AWN  
*Aristida purpurea* Nutt. var. *wrightii* (Nash) Allred WRIGHT THREE-AWN  
 {SD 233429}  
*Aristida ternipes* Cav. var. *gentilis* (Henrard) Allred HOOK THREE-AWN  
 {SD 134557} [A. hamulosa Henrard; A. t. var. h. (Henrard) J.S. Trent]  
 \**Arundo donax* L. {SD 16451} GIANT REED  
 \**Avena barbata* Link {SD 121600} SLENDER WILD OAT  
 \**Avena fatua* L. {SD 83665} WILD OAT  
 \*†*Avena occidentalis* Durieu {SD 210497} WESTERN OAT  
 \**Avena sativa* L. {SD 119690} CULTIVATED OAT  
 \**Avena sterilis* L. {SD 161659} ANIMATED OAT  
*Bothriochloa barbinodis* (Lag.) Herter {SD 127989} CANE BLUESTEM

- \**Bothriochloa laguroides* (DC.) Herter subsp. *torreyana* (Steud.) Allred & Gould  
{SD 225694} SILVER BLUESTEM
- Bouteloua aristidoides* (Kunth) Griseb. var. *aristidoides*  
{SD 124263} NEEDLE GRAMA
- Bouteloua barbata* Lag. var. *barbata* {SD 121167} SIX-WEEKS GRAMA
- Bouteloua curtipendula* (Michx.) Torr. {SD 121008} SIDE-OATS GRAMA  
[B. c. var. *caespitosa* Gould & Kapadia]
- \**Brachypodium distachyon* (L.) P. Beauv. {SD 109455} PURPLE FALSE BROME
- \**Briza maxima* L. {SD 154691} BIG QUAKING GRASS
- \**Briza minor* L. {SD 131286} QUAKING GRASS
- \**Bromidium tandilense* (Kuntze) Rúgolo {SD 171712} KENNEDY'S BENT GRASS  
[*Agrostis kennedyana* Beetle; *A. tandilensis* (Kuntze) Parodi]
- \**Bromus arenarius* Labill. {SD 21148} AUSTRALIAN CHESS
- Bromus arizonicus* (Shear) Stebb. {SD 16930} ARIZONA CHESS
- \**Bromus berteroi* Colla {SD 91980} CHILEAN CHESS  
[B. *tririi* Desv. var. *tririi*]
- Bromus carinatus* Hook. & Arn. var. *carinatus* CALIFORNIA BROME  
{SD 89, 120557} [B. *breviaristatus* Buckley; B. *marginatus* Steudel]
- \**Bromus catharticus* Vahl var. *catharticus* {SD 98684} RESCUE GRASS  
[B. *unioloides* Kunth; B. *willdenovii* Kunth]
- \**Bromus diandrus* Roth {SD 90789} RIPGUT GRASS
- Bromus grandis* (Shear) Hitchc. {SD 120564} TALL BROME
- \**Bromus hordeaceus* L. {SD 63314} SOFT CHESS  
[B. *mollis* L.]
- \**Bromus inermis* Leysser {UCR 9532} SMOOTH BROME
- \**Bromus japonicus* Thunb. {SD 121584} JAPANESE BROME  
[B. *commutatus* Schrad.]
- Bromus laevipes* Shear {CDA 12286} CHINOOK BROME
- \**Bromus madritensis* L. {SD 154683} COMPACT BROME  
[B. *madritensis* L. subsp. *m.*]
- Bromus orcuttianus* Vasey {SD 121271} ORCUTT'S BROME
- †*Bromus pseudolaevipes* Wagon {SD 195541} COAST RANGE BROME
- \**Bromus rubens* L. {SD 106562} FOXTAIL CHES, RED BROME  
[B. *madritensis* L. subsp. *rubens* (L.) Husn.]
- \*†*Bromus sitchensis* Trin. {SD 233218} ALASKA BROME
- \**Bromus sterilis* L. {SD 193193} POVERTY BROME
- \**Bromus tectorum* L. {SD 91971} CHEAT GRASS, DOWNY BROME
- Calamagrostis koelerioides* Vasey {SD 103723} SAN DIEGO REED GRASS  
[C. *densa* Vasey]
- \**Cenchrus clandestinus* (Chiov.) Morrone {SD 95149} KIKUYU GRASS  
[*Pennisetum c.* Chiov.]
- \**Cenchrus echinatus* L. {SD 122682} SOUTHERN SANDBUR
- \**Cenchrus longisetus* M.C. Johnst. {SD 138947} AFRICAN FEATHERTOP  
[*Pennisetum villosum* Fresen.]
- \**Cenchrus longispinus* (Hack.) Fernald {SD 217178} MAT SANDBUR
- \**Cenchrus setaceus* (Forssk.) Morrone {SD 118384} AFRICAN FOUNTAIN GRASS  
[*Pennisetum s.* (Forssk.) Chiov.]
- \**Cenchrus spinifex* Cav. {SD 138950} COAST SANDBUR  
[C. *incertus* M. Curtis]

- \**Chloris gayana* Kunth {SD 20230} RHODES GRASS  
 \**Chloris virgata* Sw. {SD 141455} SHOWY CHLORIS  
 \**Cortaderia jubata* (Lemoine) Stapf {SD 183365} PURPLE PAMPAS GRASS  
 \**Cortaderia selloana* (Schult. & Schult. f.) Asch. & Graebn.  
 {SD 122778} [C. dioica (Spreng.) Speg.] SELLOA PAMPAS GRASS  
 \**Crypsis schoenoides* (L.) Lam. {SD 120700} PRICKLE GRASS  
 \**Crypsis vaginiflora* (Forssk.) Opiz {SD 45905} SWAMP GRASS  
 \**Cynodon dactylon* (L.) Pers. {SD 121612} BERMUDA GRASS  
 \**Cynosurus echinatus* L. {SD 141492} HEDGEHOG DOGTAIL  
 \**Dactylis glomerata* L. {SD 91982} ORCHARD GRASS  
 \**Dactyloctenium aegyptium* (L.) Willd. {SD 99530} CROWFOOT GRASS  
*Danthonia californica* Bol. {SD 121589} CALIFORNIA OAT GRASS  
 [D. c. Bolander var. americana (Scribner) A. Hitchc.]  
*Danthonia unispicata* (Thurb.) Vasey {SD 122683} ONE-SPIKE OAT GRASS  
*Dasyochloa pulchella* (Kunth) Rydb. {SD 119625} FLUFF GRASS  
 [Erioneuron p. (Kunth) Tateoka]  
*Deschampsia danthonioides* (Trin.) Munro ANNUAL HAIR GRASS  
 {SD 120563, 132927} [D. d. var. d., var. gracilis (Vasey) Munz]  
*Deschampsia elongata* (Hook.) Munro {SD 120556} SLENDER HAIR GRASS  
 †*Digitaria californica* (Benth.) Henrard var. *californica* CALIFORNIA COTTONTOP  
 {SD 154139} **2B.3 S1.3 G5**  
 \**Digitaria ciliaris* (Retz.) Koeler var. *ciliaris* {SD 121009} SOUTHERN CRAB GRASS  
 [D.c.]  
 \**Digitaria sanguinalis* (L.) Scop. {SD 53614} LARGE CRAB GRASS  
*Diplachne fusca* (L.) Roem. & Schult. var. *fascicularis* (Lam.) P.M. Peterson &  
 N. Snow {SD 112852} [Leptochloa fusca (L.) Kunth subsp. fascicularis (Lam.)  
 N. Snow] BEARDED SPRANGLETOP  
*Diplachne fusca* (L.) Roem. & Schult. var. *uninervia* (J. Presl) P.M. Peterson &  
 N. Snow {SD 53613} MEXICAN SPRANGLETOP  
 [Leptochloa fusca (L.) Kunth subsp. uninervia (J. Presl) N. Snow]  
*Distichlis littoralis* (Engelm.) H.L. Bell & Columbus SHORE GRASS  
 {SD 83505} [Monanthochloe l. Engelm.]  
*Distichlis spicata* (L.) Greene SALT GRASS  
 {SD 91974, 91979} [D. s. subsp. s., subsp. stricta (Torr.) Thorne]  
 \**Echinochloa colona* (L.) Link {SD 53647} JUNGLE-RICE  
 [E. colonum, spelling variant]  
 \**Echinochloa crus-galli* (L.) P. Beauv. {SD 106928} COMMON BARNYARD GRASS  
 \**Echinochloa crus-pavonis* (Kunth) Schult. var. *crus-pavonis*  
 {SD 154121} MEXICAN BARNYARD GRASS  
 \**Echinochloa muricata* (P. Beauv.) Fernald var. *microstachya* Wiegand  
 {SD 176968} ROUGH BARNYARD GRASS  
 \**Ehrharta calycina* Sm. {SD 98706} PERENNIAL VELDT GRASS  
 \**Ehrharta erecta* Lam. {SD 136276} PANIC VELDT GRASS  
 \**Ehrharta longiflora* Sm. {SD 136271} LONG-FLOWER VELDT GRASS  
 \**Eleusine indica* (L.) Gaertn. {SD 96112} GOOSE GRASS  
 \*†*XElyhordeum macounii* (Vasey) Barkworth & D.R. Dewey MACOUN'S BARLEY  
 {SD 123424} [Elymus trachycaulus X Hordeum jubatum]  
 \**Elymus caput-medusae* L. {SD 154694} MEDUSAHEAD  
 [Taeniatherum caput-medusae (L.) Nevski]

- Elymus condensatus* J. Presl {SD 18251} GIANT WILD-RYE  
[Leymus c. (J. Presl) Á. Löve]
- Elymus elymoides* (Raf.) Swezey var. *brevifolius* (J.G. Sm.) Dorn SQUIRRELTAIL  
{SD 160827} [E. longifolius (J.G. Sm.) Gould, Sitanion hystrix (Nutt.) J.G. Sm.]
- Elymus elymoides* (Raf.) Swezey var. *californicus* (J.G. Sm.) J.P. Sm.  
{SD 228997} CALIFORNIA SQUIRRELTAIL  
[Elymus elymoides subsp. californicus (J.G. Sm.) Barkworth; Sitanion hystrix  
(Nutt.) J.G. Sm. var. californicum (J.G. Sm.) F.D. Wilson]
- Elymus glaucus* Buckley subsp. *glaucus* {SD 114872, 120559} BLUE WILD-RYE  
[E. glaucus subsp. jepsonii (Burt Davy) Gould]
- Elymus glaucus* Buckley subsp. *virescens* (Piper) Gould GREENISH-BLUE WILD-RYE  
{SD 121594}
- Elymus xgouldii* J.P. Sm. & Columbus {SD 133874} MANY-FLOWER WILD-RYE  
[Leymus xmultiflorus (Gould) Barkworth & R.J. Atkins] Note: Hybrid between L.  
condensatus and L. triticoides.
- Elymus xhansenii* Scribn. {SD 155721} HANSEN'S WILD-RYE  
[E. elymoides x E. glaucus; xElysitanion hansenii]
- Elymus multisetus* (J.G. Sm.) Burt Davy {SD 121590} BIG SQUIRRELTAIL
- Elymus stebbinsii* Gould {SD 18195} CALIFORNIA WHEAT GRASS
- Elymus trachycaulus* (Link) Shinnars subsp. *trachycaulus* SLENDER WHEAT GRASS  
{SD 121574, 121608} [Elymus trachycaulus subsp. subsecundus (Link) Á. Löve  
& D. Löve]
- Elymus triticoides* Buckley {SD 121607} BEARDLESS WILD-RYE  
[Leymus t. (Buckley) Pilg.]
- \**Eragrostis barrelieri* Daveau {SD 95154} MEDITERRANEAN LOVE GRASS
- \**Eragrostis cilianensis* (All.) Janch. {SD 37013} STINK GRASS  
[possibly synonymous with E. minor, in need of more work, J. Reeder, U. Arizona]
- \**Eragrostis curvula* (Schrad.) Nees {SD 91950, 121585} WEEPING LOVE GRASS  
[E. c. var. conferta Nees, var. curvula]
- \**Eragrostis lehmanniana* Ness {SD 188655} LEHMANN'S LOVE GRASS
- Eragrostis mexicana* (Hornem.) Link subsp. *mexicana* MEXICAN LOVE GRASS  
{SD 20049}
- Eragrostis mexicana* (Hornem.) Link subsp. *virescens* (J. Presl) S.D. Koch &  
Sánchez Vega {SD 143301} CHILEAN LOVE GRASS
- \**Eragrostis minor* Host {SD 122684} LITTLE LOVE GRASS
- Eragrostis pectinacea* (Michx.) Nees var. *miserrima* (E. Fourn.) Reeder  
{SD 18924} DESERT LOVE GRASS
- Eragrostis pectinacea* (Michx.) Nees var. *pectinacea* SPREADING LOVE GRASS  
{SD 112849} [E. diffusa Buckl.]
- \**Eragrostis pilosa* (L.) P. Beauv. var. *pilosa* {SD 134552} INDIA LOVE GRASS
- \*†*Eustachys distichophylla* (Lag.) Nees {SD 20228} FINGER GRASS  
[Chloris d. Lag.]
- \**Festuca arundinacea* Schreb. {SD 112859} TALL FESCUE
- \**Festuca bromoides* L. {SD 121577} BROME FESCUE  
[Vulpia b. (L.) Gray]
- Festuca californica* Vasey {RSA 583562} CALIFORNIA FESCUE  
[F. c. subsp. parishii (Piper) Darbysh.]

- Festuca microstachys* Nutt. GRAY'S FESCUE  
 {SD 121581, 27580, 159320, 120558} [Vulpia m. (Nutt.) Munro var. ciliata (Beal)  
 Lonard & Gould; Vulpia m. var. confusa (Piper) Lonard & Gould; Vulpia m. var. m.,  
 Vulpia m. var. pauciflora (Beal) Lonard & Gould]
- \**Festuca myuros* L. RAT-TAIL FESCUE  
 {SD 124455, 91953} [Vulpia m. (L.) C.C. Gmel. var. hirsuta Hack.; Vulpia m. f.  
 m.; Vulpia m. var. m.]
- Festuca occidentalis* Hook. {SD 120547} WESTERN FESCUE
- Festuca octoflora* Walter {SD 28516, 28440} TUFTED FESCUE  
 [Vulpia o. (Walter) Rydb.; Vulpia o. var. hirtella (Piper) Henrard]
- \**Festuca perennis* (L.) Columbus & J.P. Sm. PERENNIAL RYE GRASS  
 {SD 120555, 91949} [Lolium multiflorum Lam.; Lolium perenne L.; Lolium p.  
 var. multiflorum (Lam.) Parnell]
- \**Festuca pratensis* Huds. {SD 53668} MEADOW FESCUE
- \**Festuca rubra* L. {SD 76135, 115838} RED FESCUE
- \**Festuca temulenta* (L.) Columbus & J.P. Sm. POISON RYE GRASS, DARNEL  
 {SD 17675} [Lolium temulentum L.]
- \**Gastridium phleoides* (Nees & Meyen) C.E. Hubb. {SD 136442} NIT GRASS  
 [G. ventricosum (Gouan) Schinz & Thell., misappl.]
- Glyceria elata* (Rydb.) M.E. Jones {UC 120647} FOWL MANNA GRASS
- \**Hainardia cylindrica* (Willd.) Greuter {SD 105415} BARB GRASS  
 [Monerma c. (Willd.) Cosson & Durand]
- Heteropogon contortus* (L.) Roem. & Schult. {SD 20531} COMMON TANGLEHEAD
- Hilaria rigida* (Thurb.) Scribn. {SD 83450} BIG GALLETA  
 [Pleuraphis r. Thurb.]
- \**Holcus lanatus* L. {SD 382} COMMON VELVET GRASS
- Hordeum brachyantherum* Nevski subsp. *brachyantherum* NORTHERN BARLEY  
 {SD 91976}
- Hordeum brachyantherum* Nevski subsp. *californicum* (Covas & Stebbins) V.  
 Bothmer, N. Jacobsen, & O. Seberg {SD 177422} CALIFORNIA BARLEY  
 [H. c. Covas & Stebbins]
- Hordeum depressum* (Scribn. & J.G. Sm.) Rydb. {SD 159631} LOW BARLEY
- Hordeum intercedens* Nevski {SD 15263} VERNAL BARLEY  
 3.2 S3S4 G3G4
- Hordeum jubatum* L. subsp. *jubatum* {SD 121586} FOXTAIL BARLEY
- \**Hordeum marinum* Huds. subsp. *gussoneanum* (Parl.) Thell.  
 {SD 21728} [H. geniculatum Allioni] MEDITERRANEAN BARLEY
- \**Hordeum murinum* L. subsp. *glaucum* (Steud.) Tzvelev GLAUCOUS BARLEY  
 {SD 121579}
- \**Hordeum murinum* L. subsp. *leporinum* (Link) Arcang. HARE BARLEY  
 {SD 121580}
- \*†*Hordeum vulgare* L. var. *trifurcatum* (Schlecht.) Alefeld CULTIVATED BARLEY  
 {SD 136957}
- \**Hyparrhenia hirta* (L.) Stapf {SD 154118} TAMBOOKIE GRASS
- \**Koeleria gerardii* (Vill.) Shinnars {SD 144515} BRISTLY KOELER'S GRASS  
 [K. phleoides (Vill.) Pers., illeg.; Lophochloa cristata (L.) Hyl.; Rostraria cristata  
 (L.) Tzvelev]
- Koeleria macrantha* (Ledeb.) Schult. {SD 121013} JUNEGRASS  
 [K. pyramidata (Lam.) Beauv.]

- \**Lamarckia aurea* (L.) Moench {SD 120683} GOLDEN-TOP  
*Melica californica* Scribn. {UCR 128605} CALIFORNIA MELIC  
*Melica frutescens* Scribn. {SD 91985} TALL MELIC  
†*Melica frutescens* × *M. imperfecta* {SD 166558} HYBRID MELIC  
*Melica imperfecta* Trin. {SD 49364} COAST RANGE MELIC  
\**Melinis repens* (Willd.) Zizka subsp. *repens* {SD 91968} NATAL GRASS  
[Rhynchelytrum repens (Willd.) C.E. Hubb.; R. roseum (Nees) Stapf & Hubb.]  
*Muhlenbergia appressa* C.O. Goodd. {SD 183364} DEVIL'S CANYON MUHLY  
2B.2 S3 G4  
*Muhlenbergia asperifolia* (Trin.) Parodi {SD 70989} COMMON SCRATCH GRASS  
*Muhlenbergia filiformis* (S. Watson) Rydb. {SD 161997} PULL-UP MUHLY  
*Muhlenbergia microsperma* (DC.) Kunth {SD 85487} LITTLE-SEED MUHLY  
*Muhlenbergia porteri* Beal {SD 80935} BUSH MUHLY  
*Muhlenbergia richardsonis* (Trin.) Rydb. {SD 133878} MAT MUHLY  
*Muhlenbergia rigens* (Benth.) Hitchc. {SD 71682} DEERGRASS  
*Orcuttia californica* Vasey {SD 134550} CALIFORNIA ORCUTT'S GRASS  
1B.1 S1 G1 CE FE  
*Panicum acuminatum* Sw. var. *fasciculatum* (Torr.) Lelong  
{SD 17841} WESTERN PANIC GRASS  
[Dichantherium lanuginosum (Elliott) Gould var. fasciculatum (Torr.) Spellenb.]  
*Panicum capillare* L. {SD 18332} WITCHGRASS  
[P. c. var. occidentale Rydb.]  
\**Panicum dichotomiflorum* Michx. subsp. *dichotomiflorum* {SD 153134} FALL PANIC GRASS  
\**Panicum hillmanii* Chase {SD 214035} HILLMAN'S PANIC GRASS  
\**Panicum miliaceum* L. subsp. *miliaceum* {SD 154851} BROOMCORN MILLET  
\**Parapholis incurva* (L.) C.E. Hubb. {SD 104483} SICKLEGRASS  
\**Paspalum dilatatum* Poir. {SD 76134} DALLIS GRASS  
*Paspalum distichum* L. {SD 106614} COMMON KNOTGRASS  
[P. paspalodes (Michx.) Scribn.]  
\**Paspalum urvillei* Steud. {SD 163347} VASEY'S GRASS  
\**Paspalum vaginatum* Sw. {SD 212760} SEASHORE PASPALUM  
\*†*Pentameris airoides* Nees subsp. *airoides* {SD 234203} FALSE HAIR GRASS  
[Pentaschistis a. (Nees) Stapf subsp. a.] Note: See Linder et al. 2010.  
*Phalaris angusta* Trin. {SD 90784} TIMOTHY CANARY GRASS  
\**Phalaris aquatica* L. {SD 121592} HARDING GRASS  
*Phalaris arundinacea* L. {SD 137006} REED CANARY GRASS  
\**Phalaris canariensis* L. {SD 53655} CANARY GRASS  
\**Phalaris caroliniana* Walter {SD 132919} CAROLINA CANARY GRASS  
*Phalaris lemmonii* Vasey {SD 132920} LEMMON'S CANARY GRASS  
\**Phalaris minor* Retz. {SD 91963} LITTLE-SEED CANARY GRASS  
\**Phalaris paradoxa* L. {SD 132915} PARADOX CANARY GRASS  
[P. p. var. praemorsa (Lam.) Coss. & Dur.]  
\**Phleum pratense* L. {SD 71726} CULTIVATED TIMOTHY  
*Phragmites australis* (Cav.) Steud. {SD 118356} COMMON REED  
\**Poa annua* L. {SD 91966} ANNUAL BLUE GRASS  
*Poa atropurpurea* Scribn. {SD 98685} SAN BERNARDINO BLUE GRASS  
1B.2 S2 G2  
*Poa bigelovii* Vasey & Scribn. {SD 26758} BIGELOW'S BLUE GRASS

- \**Poa bulbosa* L. subsp. *bulbosa* {SD 121578} BULBOUS BLUE GRASS  
 \**Poa compressa* L. {SD 181611} CANADIAN BLUE GRASS  
*Poa howellii* Vasey & Scribn. {SD 121595} HOWELL'S BLUE GRASS  
 [P. bolanderi Vasey subsp. h. (Vasey & Scribn.) Keck]  
 \**Poa infirma* Kunth {SD 183363} WEAK BLUE GRASS  
 \**Poa palustris* L. {SD 98692} FOWL BLUE GRASS  
 \**Poa pratensis* L. subsp. *pratensis* {SD 104489} KENTUCKY BLUE GRASS  
*Poa secunda* J. Presl subsp. *juncifolia* (Scribn.) Soreng {RSA 254053} RUSH LEAF BLUE GRASS  
*Poa secunda* J. Presl subsp. *secunda* {SD 121572} ONE-SIDED BLUE GRASS  
 \**Polypogon interruptus* Kunth {SD 91970} DITCH BEARD GRASS  
 \**Polypogon maritimus* Willd. {SD 139860} MEDITERRANEAN BEARD GRASS  
 \**Polypogon monspeliensis* (L.) Desf. {SD 52513} ANNUAL BEARD GRASS  
 \**Polypogon viridis* (Gouan) Breistr. {SD 53627} WATER BEARDGRASS  
 [Agrostis semiverticillata (Forssk.) C. Chr.; A. viridis Gouan] Note: See FNA vol. 24  
 \*†*†Tyridosperma caespitosum* (Gaudich.) Conner & Edgar {SD 163606} WALLABY GRASS  
 \**Schismus arabicus* Nees {SD 154115} ARABIAN SCHISMUS  
 \**Schismus barbatus* (L.) Thell. {SD 91960} MEDITERRANEAN SCHISMUS  
*Scribneria bolanderi* (Thurb.) Hack. {SD 121618} SCRIBNER'S GRASS  
 \**Secale cereale* L. {SD 119691} COMMON RYE  
 \**Setaria adhaerens* (Forssk.) Chiov. {SD 109466} BUR BRISTLE GRASS  
*Setaria parviflora* (Poir.) Kerguelen {SD 72406} KNOTROOT BRISTLE GRASS  
 [S. geniculata (Lam.) Beauv.; S. gracilis Kunth.]  
 \**Setaria pumila* (Poir.) Roem. & Schult. subsp. *pumila* {SD 98693} [S. lutescens (Weigel) Hubb.] YELLOW FOXTAIL  
 \*†*Setaria verticilliformis* Dumort. {SD 88524} BARBED BRISTLE GRASS  
 Note: Not recognized as naturalized in Jepson II.  
 \**Setaria viridis* (L.) P. Beauv. {SD 29101} GREEN BRISTLE GRASS  
 \**Sorghum bicolor* (L.) Moench {SD 155383} SORGHUM, MILO, SUDAN GRASS  
 \**Sorghum halepense* (L.) Pers. {SD 128512} JOHNSON GRASS  
*Spartina foliosa* Trin. {SD 83471} CALIFORNIA CORD GRASS  
*Sphenopholis obtusata* (Michx.) Scribn. {UC 120918} PRAIRIE WEDGEGRASS  
**2B.2 S2.2 G5**  
*Sporobolus airoides* (Torr.) Torr. {SD 52613} ALKALI SACATON  
 [S. a. var. wrightii (Scribn.) Gould]  
*Sporobolus cryptandrus* (Torr.) A. Gray {SD 121019} SAND DROPSEED  
*Sporobolus flexuosus* (Vasey) Rydb. {AHUC 23471} MESA DROPSEED  
 \**Sporobolus indicus* (L.) R. Br. {SD 76133} SMUTGRASS  
 [S. poiretii (Roem. & Schult.) Hitchc.]  
 \**Stenotaphrum secundatum* (Walter) Kuntze {SD 155337} SAINT AUGUSTINE GRASS  
*Stipa xbloomeri* Bol. {SD 141463} BLOOMER'S RICEGRASS  
 [Achnatherum xbloomeri (Bol.) Barkworth; xStiporyzopsis bloomeri (Bol.) B.L. Johnson] Note: Intraspecific hybrid of *Stipa hymenoides* and *S. occidentale* subsp. o.  
*Stipa cernua* Stebbins & Love {SD 98689} NODDING NEEDLE GRASS  
 [Nassella c. (Stebbins & Love) Barkworth]  
*Stipa coronata* Thurb. {SD 83658} GIANT STIPA  
 [Achnatherum coronatum (Thurb.) Barkworth]

- Stipa diegoensis* Swallen {SD 129779} SAN DIEGO NEEDLE GRASS  
[Achnatherum diegoense (Swallen) Barkworth] 4.2 S3.2 G3
- Stipa divaricata* Columbus & J.P. Sm. {SD 194637} SMALL-FLOWER RICEGRASS  
[Oryzopsis micrantha (Trin. & Rupr.) Thurb.; Piptatherum micranthum (Trin. & Rupr.) Barkworth]
- Stipa hymenoides* Roem. & Schult. {SD 141452} INDIAN RICEGRASS  
[Achnatherum h. (Roem. & Schult.) Barkworth; Oryzopsis h. (Roem. & Schult.) Ricker]
- Stipa lemmonii* (Vasey) Scribn. var. *lemmonii* {SD 121020} LEMMON'S STIPA  
[Achnatherum l. (Vasey) Barkworth subsp. l.]
- Stipa lepida* Hitchc. {SD 115216} FOOTHILL NEEDLE GRASS  
[Nassella l. (Hitchc.) Barkworth]
- \**Stipa miliacea* (L.) Hoover var. *miliacea* {SD 131285} SMILG GRASS  
[Oloptum miliaceum (L.) Röser & Hamasha; Oryzopsis miliacea (L.) Ascher & Schweinf.; Piptatherum miliaceum (L.) Coss. subsp. miliaceum]
- Stipa occidentalis* S. Watson var. *californica* (Merr. & Burt Davy) C.L. Hitchc. {SD 121582} CALIFORNIA NEEDLE GRASS  
[Achnatherum occidentale (S. Watson) Barkworth subsp. californicum (Merr. & Burt Davy) Barkworth]
- Stipa occidentalis* S. Watson var. *pubescens* (Vasey) J.R. Maze et al. {SD 133880} COMMON WESTERN NEEDLE GRASS  
[Achnatherum occidentale (S. Watson) Barkworth subsp. p. (Vasey) Barkworth]
- Stipa parishii* Vasey var. *parishii* {SD 15340} PARISH'S STIPA  
[Achnatherum p. (Vasey) Barkworth var. p.; Achnatherum p. subsp. p.]
- Stipa pulchra* Hitchc. {SD 121583} PURPLE NEEDLE GRASS  
[Nassella p. (Hitchc.) Barkworth]
- Stipa speciosa* Trin. & Rupr. {SD 128560} DESERT NEEDLE GRASS  
[Achnatherum speciosum (Trin. & Rupr.) Barkworth; Jarava speciosa (Trin. & Rupr.) Peñailillo; Pappostipa speciosa (Trin. & Rupr.) Romaschenko]
- \*†*Stipa tenuissima* Trin. {SD 234211} MEXICAN FEATHER GRASS  
[Nassella t. (Trin.) Barkworth]
- \**Thinopyrum intermedium* (Host) Barkworth & D.R. Dewey {SD 85851, 86698} INTERMEDIATE WHEAT GRASS  
[Agropyron intermedium (Host) Beauv.; Elymus hispidus (Opiz) Melderis; Elytrigia intermedia (Host) Nevski subsp. intermedia; Elytrigia intermedia var. intermedia]
- \* *Thinopyrum ponticum* (Podp.) Barkworth & D.R. Dewey TALL WHEAT GRASS  
{SD 154687} [Elymus ponticus (Podp.) N. Snow; Elytrigia elongata (Host) Nevski; Elytrigia pontica (Podp.) Holub subsp. p.]
- \*†*Triticum aestivum* L. {SD 30459, 121605} CEREAL WHEAT

## PONTEDERIACEAE – Pickerel Weed Family

- \**Eichhornia crassipes* (Mart.) Solms {SDSU 12326} WATER HYACINTH

## POTAMOGETONACEAE – Pondweed Family

- Potamogeton berchtoldii* Fieber {SD 161992} NARROW-LEAF PONDWEED  
[P. pusillus L. var. tenuissimus Mert. & W.D.J. Koch; P. pusillus subsp. tenuissimus (Mert. & W.D.J. Koch) R.R. Haynes & Hellq.]
- \**Potamogeton crispus* L. {SD 156812} CRISPATE-LEAF PONDWEED



- Potamogeton foliosus* Raf. subsp. **foliosus** {SD 112173} LEAFY PONDWEED  
 [P. f. var. f.]  
*Potamogeton illinoensis* Morong {SD 112174} SHINING PONDWEED  
*Potamogeton nodosus* Poir. {SD 106477} LONG-LEAF PONDWEED  
*Potamogeton pusillus* L. {SD 106906} SMALL PONDWEED  
 [P. p. var. p.]  
*Stuckenia pectinata* (L.) Börner {SD 110294} FENNEL-LEAF PONDWEED  
 [Potamogeton pectinatus L.]

**RUPPIACEAE – Ditch-Grass Family**

- Ruppia maritima* L. {SD 120696} BEADFRUIT SEA-TASSEL

**RUSCACEAE – Butcher's Broom Family**

- [incl. Convallariaceae, Nolinaceae; =Asparagaceae s.l., sensu APG III]  
*Maianthemum stellatum* (L.) Link {SD 85677} FALSE SOLOMON'S SEAL  
 [Smilacina stellata (L.) Desf.]  
*Nolina bigelovii* (Torr.) S. Watson {SD 112121} BIGELOW'S BEAR-GRASS  
*Nolina cismontana* Dice {SD 117589} **1B.2 S2 G2** CHAPARRAL BEAR-GRASS  
 §*Nolina interrata* Gentry {SD 79876} **1B.1 S2 G2 CE** DEHESA NOLINA  
*Nolina parryi* S. Watson {SD 104765} PARRY'S BEAR-GRASS  
 [N. p. subsp. wolfii Munz; N. wolfii (Munz) Munz]

**THEMIDACEAE – Brodiaea Family**

- §*Bloomeria clevelandii* S. Watson {SD 120522} SAN DIEGO GOLDENSTAR  
 [Muilla c. (S. Watson) Hoover] **1B.1 S2 G2**  
*Bloomeria crocea* (Torr.) Coville var. **crocea** {SD 70316} COMMON GOLDENSTAR  
 [B. c. subsp. c.]  
*Brodiaea elegans* Hoover subsp. **elegans** {SD 141360} HARVEST BRODIAEA  
*Brodiaea filifolia* S. Watson {SD 99535} THREAD-LEAF BRODIAEA  
**1B.1 S1 G1 CE FT**  
 §*Brodiaea orcuttii* (Greene) Baker {SD 132934} ORCUTT'S BRODIAEA  
**1B.1 S1 G1**  
*Brodiaea santarosae* T.J. Chester et al. SANTA ROSA BASALT BRODIAEA  
 {SD 153004} **1B.2 S2 G2**  
*Brodiaea terrestris* Kellogg subsp. **kernensis** (Hoover) T. Niehaus  
 {SD 112437} DWARF BRODIAEA  
 Note: All San Diego County specimens previously identified as *B. jolonensis* Eastw.  
 appear to be this taxon; personal communication T. Chester and W. Armstrong.  
 §*Dichelostemma capitatum* (Benth.) Alph. subsp. **capitatum** {SD 80633}  
 [D. pulchellum (Salisb.) A. Heller, in part] BLUE DICKS, SCHOOL BELLS  
 §*Dichelostemma capitatum* (Benth.) Alph. subsp. **pauciflorum** (Torr.) Keator  
 {SD 145480} [D. pulchellum (Salisb.) A. Heller, in part] FEW-FLOWER BLUE DICKS  
*Muilla maritima* (Torr.) S. Watson {SD 122367} COMMON MUILLA

**TYPHACEAE – Cattail Family [incl. Sparganiaceae]**

- Sparganium eurycarpum* A. Gray var. **eurycarpum** BROAD-FRUIT BUR-WEED  
 {SD 165328}  
*Sparganium eurycarpum* A. Gray var. **greenei** (Morong) Graebn.  
 {SD 134174} GREENE'S BROAD-FRUIT BUR-WEED

*Typha angustifolia* L. {UCR 43748}

NARROW-LEAF CATTAIL

*Typha domingensis* Pers. {SD 118575}

SOUTHERN CATTAIL

*Typha latifolia* L. {SD 122815}

BROAD-LEAF CATTAIL

**ZANNICHELLIACEAE – Horned-Pondweed Family**

[=Potamogetonaceae s.l., sensu APG III]

*Zannichellia palustris* L. {SD 106643}

HORNED-PONDWEED

**ZOSTERACEAE – Eel-Grass Family***Phyllospadix scouleri* Hook. {SD 30009}

SCOULER'S SURF-GRASS

*Phyllospadix torreyi* S. Watson {SD 112179}

TORREY'S SURF-GRASS

*Zostera marina* L. {SD 117840}

COMMON EEL-GRASS

*Zostera pacifica* S. Watson {POM 184727}

PACIFIC EEL-GRASS

Note: Possibly indistinct from *Z. marina* morphologically but may represent a cryptic species based on molecular data (Coyer et al. 2008).

**APPENDIX 1**  
**TAXA REPORTED FOR SAN DIEGO COUNTY**  
**BUT EXCLUDED**

(? = probable misidentification)

**LEPTOSPORANGIATE FERNS**

**THELYPTERIDACEAE – Thelypteris Family**

\*†? *Thelypteris acuminata* (Houtt.) Morton ACUMINATE WOOD FERN

**PTERIDACEAE – Brake Family**

*Pellaea breweri* D. Eaton BREWER'S CLIFF-BRAKE

**ANGIOSPERMS: EUDICOTS**

**AIZOACEAE – Fig-Marigold Family**

\*† *Drosanthemum hispidum* (L.) Schwantes HAIRY DEWFLOWER

**AMARANTHACEAE – Amaranth Family [incl. Chenopodiaceae]**

\* *Alternanthera caracasana* Kunth MEXICAN ALTERNANTHERA

\* *Amaranthus tuberculatus* (Moq.) J.D. Sauer var. *rudis* (J.D. Sauer) Costea & Tar-  
 dif [A. *rudis* J.D. Sauer] WESTERN WATER-HEMP

**APIACEAE (UMBELLIFERAE) – Carrot Family**

? *Ammoselinum giganteum* J.M. Coult. & Rose BISNAGA, DESERT SAND-PARSLEY  
 2B.3 SH G2G3

**APOCYNACEAE – Dogbane Family [incl. Asclepiadaceae]**

\*† *Vinca minor* L. COMMON PERIWINKLE

**ASTERACEAE (COMPOSITAE) – Sunflower Family**

\*† *Achillea filipendulina* Lam. CORONATION GOLD

\* *Arctotis venusta* Norl. BLUE-EYED AFRICAN DAISY

[A. *stoechadifolia* P.J. Bergius, misappl.; A. s. var. *grandis* (Thunb.) Less.]

*Artemisia tridentata* Nutt. subsp. *parishii* (A. Gray) H.M. Hall & Clem.  
 PARISH'S SAGEBRUSH

*Artemisia tridentata* Nutt. subsp. *vaseyana* (Rydb.) Beetle MOUNTAIN SAGEBRUSH

\* *Carthamus creticus* L. SMOOTH DISTAFF-THISTLE

[*Carthamus baeticus* (Boiss. & Reut.) Nyman]

\* *Centaurea cyanus* L. BACHELOR'S BUTTON, CORNFLOWER

\*† *Centaurea nigrescens* Willd. TYROL KNAPEWEED

? *Cirsium brevistylum* Cronq. INDIAN THISTLE

? *Eriophyllum ambiguum* (A. Gray) A. Gray var. *ambiguum*  
 ANNUAL WOOLLY SUNFLOWER

\*† *Lactuca sativa* L. WILD LETTUCE

*Malacothrix incana* (Nutt.) Torr. & A. Gray DUNEDELION, DUNE MALACOTHRIX  
 4.3 S3.3 G3

*Microseris douglasii* (DC.) Schultz-Bip. subsp. *douglasii* DOUGLAS'S MICROSERIS

**?*Stylocline citroleum*** Morefield

OIL NESTSTRAW

Note: Paratype from San Diego County cited in Morefield 1992, but this apparently misidentified.

**BASELLACEAE – Basella Family****\**Anredera cordifolia*** (Ten.) Steenis {SD 115441}

MIGNONETTE VINE

[*Boussingaultia gracilis* Miers var. *pseudo-baselloides* L.H. Bailey]

Note: Specimens cited appear to be from cultivation; none naturalized have been documented.

**BIGNONIACEAE – Bignonia Family****\**Catalpa bignonioides*** Walt.

SOUTHERN CATALPA

**BORAGINACEAE – Borage Family****?*Cryptantha muricata*** (Hook. & Arn.) A. Nelson & J.F. Macbr. var. *muricata*

{SD 129725} Note: Single collection likely a large-flowered *C. m.* var. *jonesii* (A. Gray) I.M. Johnst.; specimen fungus-infected, aberrant. PRICKLY CRYPTANTHA

***Cynoglossum grande*** Lehm. {SD 4165}

PACIFIC HOUND'S TONGUE

Note: Known from only 1 specimen at Mountain Springs Grade, out of range and typical habitat. Specimen locality suspect.

***Greeneocharis similis*** (K. Mathew & P.H. Raven) Hasenstab & M.G. Simpson

{UC 507854} [*Cryptantha similis* K. Mathew & P.H. Raven]

Note: Known from 1 specimen at Mountain Springs Grade and out of range. Specimen locality suspect.

CUSHION GREENEOCHARIS

***Nemophila rotata*** Eastw.

EASTWOOD'S BABY BLUE EYES

Note: Possible synonym of *N. menziesii* Hook. & Arn. var. *integrifolia* Parish.

***Phacelia ixodes*** Kellogg

COSTA BAJA PHACELIA

Note: Occurs only in Baja California, Mexico, not in California.

***Plagiobothrys leptocladus*** (Greene) I.M. Johnst.

ALKALI PLAGIOBOTHRYSS

***Plagiobothrys scriptus*** (Greene) I.M. Johnst. {SD 188578}

SCRIBE POPCORNFLOWER

Note: What has been identified as *P. scriptus* in our County appears to be a new, unnamed species (R.B. Kelley, personal communication).

**\*†?*Wigandia caracasana*** Kunth

WIGANDIA

[*W. c.* var. *macrophylla* Brand., *W. urens* (Ruiz & Pav.) Kunth var. *c.* (Kunth) D.

Gibson]

**BRASSICACEAE (CRUCIFERAE) – Mustard Family*****Athysanus unilateralis*** (M.E. Jones) Jeps.

LADIES' TONGUE MUSTARD

[*Heterodra* *unilateralis* (M.E. Jones) Greene]

***Descurainia longipedicellata*** (E. Fourn.) O.E. Schulz

TANSY-MUSTARD

{UTC 00087128} [*Descurainia incisa* (Engelm.) Britton subsp. *filipes* (A. Gray)

Rollins] Note: Probably mis-identified; quite out of range.

***Erysimum insulare*** Greene subsp. *suffrutescens* (Abrams) R.A. Price

[*E. suffrutescens* (Abrams) Rossbach] **1B.3 S2.3 G3** SUFFRUTESCENT WALLFLOWER

**†*Rorippa intermedia*** (Kuntze) Stuckey

TALL YELLOW-CRESS

**?*Rorippa sinuata*** (Torr. & A. Gray) A. Hitchc.

SPREADING YELLOW-CRESS

### CACTACEAE – Cactus Family

*Cylindropuntia acanthocarpa* (Engelm. & J.M. Bigelow) F.M. Knuth var. *coloradensis* (L.D. Benson) Pinkava {SD 16904} BUCKHORN CHOLLA

[*Opuntia* a. Engelm. & J.M. Bigelow var. *coloradensis* L.D. Benson] Note: An historic specimen resembling this species is now determined as *C. ganderi*.

*Echinocereus mojavensis* (Engelm. & J.M. Bigelow) Rümpler MOUND/CLARET-CUP CACTUS

[*Echinocereus triglochidiatus* Engelm., E. t. var. *mojavensis* (Engelm. & J.M. Bigelow) L.D. Benson]

†*Opuntia demissa* Griffiths

Note: This taxon of putative hybrid origin involving *O. oricola*.

### CARYOPHYLLACEAE – Pink Family

\*?*Spergularia platensis* (Cambess.) Fenzl var. *platensis* LA PLATA SAND-SPURREY

### CHENOPODIACEAE – Goosefoot Family

*Atriplex serenana* Nelson var.  *davidsonii* (Standl.) Munz DAVIDSON'S SALTBUCH  
1B.2 S1 G5T1

### CONVOLVULACEAE – Morning-Glory Family [incl. Cuscutaceae]

*Cuscuta occidentalis* Millsp. SHORT-FLOWER CHAPARRAL DODDER  
[*C. californica* Hook. & Arn. var. *breviflora* Engelm.]

*Cuscuta veatchii* Brandegee VEATCH'S DODDER

Note: Reported in Jepson II as extirpated in San Diego County.

### ERICACEAE – Heath Family

*Sarcodes sanguinea* Torr. SNOW PLANT

### EUPHORBIACEAE – Spurge Family

\*?*Euphorbia helioscopia* L. WARTWEED

\*†*Euphorbia heterophylla* L. SUMMER POINSETTIA

\**Euphorbia myrsinites* L. GOPHER SPURGE

Note: Listed as a waif in the Jepson eFlora.

### FABACEAE (LEGUMINOSAE) – Legume Family

\**Acacia paradoxa* DC. KANGAROO THORN

[*A. armata* R. Br.] Note: Listed as a waif in Jepson eFlora; cited but not thought naturalized in San Diego Co.

\**Acacia verticillata* (L'Her) Willd. STAR ACACIA, PRICKLY MOSES

Note: Listed as a waif in Jepson eFlora; cited but not thought naturalized in San Diego Co.

*Acmispon heermannii* (Durand & Hilg.) Brouillet var. *orbicularis* (A. Gray) Brouillet WOOLLY LOTUS

[*Lotus* h. (Durand & Hilg.) Greene var. o. (A. Gray) Isely]

*Lupinus adsurgens* Drew DREW'S SILKY LUPINE

*Sesbania herbacea* (Mill.) McVaugh COFFEE WEED, COLORADO RIVER HEMP

[*S. exaltata* (Raf.) Cory]

?*Trifolium macraei* Hook. & Arn. CHILE CLOVER

## FAGACEAE – Oak Family

- †*Quercus* ~~*xgrandidentata*~~ Ewan LARGE-LEAF OAK  
 [Q. durata var. gabrielensis x Q. engelmannii] Note: This named hybrid was previously misapplied to Q. dumosa x Q. engelmannii; see Roberts 1995.

## GERANIACEAE – Geranium Family

- \**Geranium molle* L. DOVE-FOOT GERANIUM  
 \*†*Geranium retrorsum* DC. TRAVELING GERANIUM  
 \**Pelargonium zonale* (L.) L'Hér. ZONAL GERANIUM

## GROSSULARIACEAE – Gooseberry Family

- ?*Ribes cereum* Douglas var. *cereum* WAX CURRANT

## LAMIACEAE (LABIATAE) – Mint Family

- \*†*Lavandula stoechas* L. SPANISH LAVENDER  
 \*†*Leonotis leonurus* (L.) R. Br. LION'S EAR  
 ?*Monardella hypoleuca* A. Gray subsp. *hypoleuca* WHITE-LEAF MONARDELLA  
 Note: Not in our County; specimens identified as this subspecies recently described as subsp. *intermedia* by M. Elvin and A. Sanders.  
 †*Salvia xbernardina* Greene SAN BERNARDINO SAGE  
 [S. columbariae x S. mellifera]  
*Salvia dorrii* (Kellogg) Abrams var. *pilosa* (A. Gray) Strachan & Reveal  
 {UC 507848} HAIRY SAGE  
 Note: Known from only 1 specimen at Mountain Springs Grade, out of range and typical habitat. Specimen locality suspect.  
*Stachys albens* A. Gray WHITE HEDGE-NETTLE  
*Trichostema micranthum* A. Gray SMALL-FLOWER BLUECURLS

## LOASACEAE – Loasa Family

- Mentzelia laevicaulis* (Hook.) Torr. & A. Gray SMOOTH-STEM BLAZING STAR  
 {UC 507835} Note: Known from only 1 specimen at Mountain Springs Grade, out of range. Specimen locality suspect.  
*Mentzelia longiloba* J. Darl. YERBA AMARILLA  
 [M. multiflora (Nutt.) A. Gary subsp. *longiloba* (J. Darl.) Felger]  
*Mentzelia nitens* Greene VENUS BLAZING STAR

## LYTHRACEAE – Loosestrife Family

- Rotala ramosior* (L.) Koehne LOWLAND ROTALA  
 Note: S.C. McMillan, personal communication; no specimen cited.

## MALVACEAE – Mallow Family

- \**Modiola caroliniana* (L.) G. Don WHEEL MALLOW

## ONAGRACEAE – Evening-Primrose Family

- Camissonia pusilla* P.H. Raven LITTLE WIRY SUN CUP  
*Camissoniopsis pallida* (Abrams) W.L. Wagner & Hoch subsp. *hallii* (Davidson)  
 W.L. Wagner & Hoch HALL'S SUN CUP  
 [Camissonia p. (Abrams) P.H. Raven subsp. h. (Davidson) P.H. Raven]

- Chylismia claviformis* (Torr. & Frém.) A. Heller subsp. *yumae* (P.H. Raven) W.L. Wagner & Hoch YUMA EVENING-PRIMROSE  
 [Camiissonia c. (Torr. & Frém.) P.H. Raven subsp. y. (P.H. Raven) P.H. Raven]  
*Eremothera boothii* (Douglas) W.L. Wagner & Hoch subsp. *desertorum* (Munz) W.L. Wagner & Hoch {RSA 465996} DESERT SUN CUP  
 [Camiissonia b. (Douglas) Raven subsp. d. (Munz) Raven] Note: Previously cited San Diego Co. specimen without fruits, not identifiable to subspecies.  
*Gayophytum racemosum* Torr. & A. Gray GROUNDSMOKE  
*Oenothera caespitosa* Nutt. subsp. *marginata* (Hook. & Arn.) Munz FRAGRANT EVENING-PRIMROSE  
 [O. c. var. m. (Hook. & Arn.) Munz]

### OROBANCHACEAE – Broom-Rape Family

- Castilleja lasiorhyncha* (A. Gray) T.I. Chuang & Heckard **1B.2 S2.2 G2**  
 [Orthocarpus l. A. Gray] SAN BERNARDINO MOUNTAIN OWL'S-CLOVER  
 ?*Chloropyron maritimum* (Benth.) A. Heller subsp. *canescens* (A. Gray) Tank & J.M. Egger ALKALI BIRD'S BEAK  
 [Cordylanthus m. Benth. subsp. c. (A. Gray) T.I. Chuang & Heckard]  
 \**Parentucellia viscosa* (L.) Caruel YELLOW GLAND WEED

### PHRYMACEAE – Hopseed Family

- Diplacus johnstonii* (A.L. Grant) G.L. Nesom JOHNSTON'S MONKEY FLOWER  
 [Mimulus j. A.L. Grant] **4.3 S3.3 G3**

### PLANTAGINACEAE – Plantain Family

- \**Linaria vulgaris* Mill. BUTTER-AND-EGGS  
*Plantago subnuda* Pilg. TALL COASTAL PLANTAIN  
 [P. hirtella Kunth var. galeottiana (Decne.) Thorne]

### POLEMONIACEAE – Phlox Family

- Aliciella micromeria* (A. Gray) J.M. Porter DAINY GILIA  
 [Gilia micromeria A. Gray]  
*Leptosiphon floribundus* (A. Gray) J.M. Porter & L.A. Johnson subsp. *hallii* (Jeps.) J.M. Porter & L.A. Johnson SANTA ROSA MOUNTAIN LINANTHUS  
 [Linanthus f. (A. Gray) Milliken subsp. hallii (Jeps.) H. Mason] **1B.3 S1 G4T1**

### POLYGONACEAE – Buckwheat Family

- ?*Chorizanthe parryi* S. Watson var. *fernandina* (S. Watson) Jeps. SAN FERNANDO SPINEFLOWER  
 ?*Eriogonum wrightii* Benth. var. *trachyonum* (Benth.) Jeps. WRIGHT'S BUCKWHEAT  
 [E. w. subsp. t. (Benth.) S. Stokes]  
 \*?*Persicaria pensylvanica* (L.) M. Gómez PINKWEED  
 [Polygonum pensylvanicum L.]

### RHAMNACEAE – Buckthorn Family

- Ceanothus integerrimus* Hook. & Arn. DEER BRUSH  
 Note: Vouchers cited are presumed mis-identified.

## ROSACEAE – Rose Family

*Horkelia rydbergii* Elmer

RYDBERG'S HORKELIA

*Potentilla rivalis* Nutt.

DIFFUSE CINQUEFOIL

[P. r. var. millegrana (Lehm.) S. Watson]

## RUTACEAE – Rue Family

\**Ruta chalepensis* L.

FRINGE RUE

## SALICACEAE – Willow Family

†*Populus xparryi* Sarg.

PARRY'S COTTONWOOD

[P. fremontii x P. trichocarpa]

## SAXIFRAGACEAE – Saxifrage Family

?*Heuchera abramsii* Rydb.

ABRAMS'S ALUMROOT

Note: Vouchers cited are presumed mis-identified.

?*Lithophragma cymbalaria* Torr. & A. Gray

MISSION STAR

Note: Vouchers cited are presumed mis-identified.

?*Lithophragma tenellum* Nutt.

SLENDER WOODLAND STAR

Note: Vouchers cited are presumed mis-identified.

## SOLANACEAE – Nightshade Family

\**Physalis lancifolia* Nees

NARROW-LEAF TOMATILLO

[P. angulata L. var. lancifolia (Nees) Waterf.]

## VERBENACEAE – Vervain Family

*Verbena gooddingii* Briq.

SOUTHWESTERN MOCK VERVAIN

[Glandularia g. (Briq.) Solbrig.]

## VIOLACEAE – Violet Family

*Viola pupurea* Kellogg subsp. *aurea* (Kellogg) J.C. Clausen

[V. aurea Kellogg] 2.2 S2S3 G5T2T3

MOJAVE GOLDEN VIOLET

## ALLIACEAE – Onion Family

*Allium lacunosum* S. Watson var. *lacunosum*

PITTED ONION

\*†*Nothoscordum bivalve* (L.) Britton

FALSE GARLIC

## AMARYLLIDACEAE – Amaryllis Family

\*†*Narcissus papyraceus* Ker-Gawl. subsp. *papyraceus*

PAPERWHITE NARCISSUS

## COMMELINACEAE – Spiderwort Family

\**Tradescantia fluminensis* Vell.

SMALL-LEAF SPIDERWORT

## CYPERACEAE – Sedge Family

?*Carex douglasii* Boott

DOUGLAS'S SEDGE

*Carex pellita* Willd.

WOOLLY SEDGE

[*Carex lanuginosa* Michx., misappl.]*Carex nebrascensis* Dewey

NEBRASKA SEDGE

\*†*Cyperus papyrus* L.

EGYPTIAN PAPYRUS

\*?*Fimbristylis vahlii* (Lambert) Link

VAHL'S FIMBRISTYLIS



## JUNCACEAE – Rush Family

- Juncus exiguus* (Fernald & Wiegand) Snogerup & Zika LAMP RUSH  
 [Juncus effusus L. var. exiguus Fernald & Wiegand; plants in our county previously recognized as this taxon now recognized as J. effusus var. austrocalifornicus.]
- Juncus tenuis* Willd. POVERTY/PATH RUSH

## LILIACEAE – Lily Family

- Calochortus amabilis* Purdy DIOGENES'S LANTERN
- Calochortus catalinae* S. Watson CATALINA MARIPOSA LILY  
 4.2 S3.2 G3

## ORCHIDACEAE – Orchid Family

- ?*Piperia elegans* (Lindl.) Rydb. ELEGANT HABENARIA  
 [Habenaria e. (Lindl.) Bol.] Note: All SD specimens annotated as P. transversa.
- Platanthera sparsiflora* (S. Watson) Schltr. SPARSE-FLOWER BOG-ORCHID  
 [Habenaria s. S. Watson var. s.]

## POACEAE (GRAMINEAE) – Grass Family

- \**Ammophila arenaria* (L.) Link EUROPEAN BEACH GRASS
- Aristida divaricata* Willd. POVERTY THREE-AWN
- \**Aristida oligantha* Michx. OLDFIELD THREE-AWN
- †*Aristida schiedeana* Trin. & Rupr. ORCUTT'S THREE-AWN  
 [Aristida orcuttiana Vasey, A. schiedeana var. orcuttiana (Vasey) Allred & Valdés-Reyna] Note: Reported from San Diego in Jepson II under A. divaricata description and believed to be extirpated.
- Bromus ciliatus* L. FRINGED BROME
- \**Digitaria ischaemum* (Schreb.) Muhl. SMOOTH CRAB GRASS
- Poa wheeleri* Vasey WHEELER'S BLUE GRASS  
 [P. nervosa (Hook.) Vasey var. w.]
- \**Puccinellia distans* (Jacq.) Parl. EUROPEAN ALKALI GRASS
- \**Schizachyrium cirratum* (Hack) Woot. & Standl. TEXAS BLUESTEM
- \**Setaria verticillata* (L.) P. Beauv. HOOKED BRISTLE GRASS  
 [S. carnei A. Hitchc., misappl.]
- \*†*Zea mays* L. CORN

## THEMIDACEAE – Brodiaea Family

- ?*Brodiaea coronaria* (Salisbury) Engler CROWN BRODIAEA  
 Note: Cited specimens appear to be mis-identified.
- ?*Brodiaea jolonensis* Eastw. MESA BRODIAEA  
 Note: All San Diego County specimens previously identified as B. jolonensis appear to be B. terrestris spp. kernensis; pers. comm. T. Chester and W. Armstrong.
- Calochortus venustus* Benth. {UC 507783} SQUARE MARIPOSA LILY  
 Note: Known from only 1 specimen at Mountain Springs Grade, out of range and typical habitat. Specimen locality suspect.
- Dichelostemma multiflorum* (Benth.) A. Heller WILD HYACINTH



**APPENDIX 2**  
**TAXA ENDEMIC TO SAN DIEGO COUNTY**  
**Strict Endemics (§§) and Near-Endemics (§)**

**LEPTOSPORANGIATE FERNS**

**PTERIDACEAE**

- §†*Pentagramma triangularis* (Kaulf.) Yatsk. et al. subsp. *rebmanii* Winner & M.G.  
 Simpson REBMAN'S SILVERBACK FERN

**CONIFERS**

**CUPRESSACEAE**

- §§*Hesperocyparis stephensonii* (C.B. Wolf) Bartel CUYAMACA CYPRESS  
 1B.1S1 G1

**PINACEAE**

- §§*Pinus torreyana* Carrière subsp. *torreyana* TORREY PINE  
 1B.2S1 G1T1

**ANGIOSPERMS: EUDICOTS**

**APIACEAE**

- §§*Eryngium pendletonense* K.L. Marsden & M.G. Simpson PENDLETON BUTTON-CELERY  
 1B.1S1 G1  
 §§*Spermolepis infernensis* G.L. Nesom SAN DIEGO SCALESEED

**ASTERACEAE**

- §§*Baccharis vanessae* R.M. Beauch. ENCINITAS BACCHARIS  
 1B.1S1 G1 CE FT  
 §§†*Corethrogyne filaginifolia* (Hook. & Arn.) Nutt. var. *incana* (Lindl.) M.L.  
 Canby 1B.1S1 G4T1 SAN DIEGO SAND-ASTER  
 §§†*Corethrogyne filaginifolia* (Hook. & Arn.) Nutt. var. *linifolia* M.L. Hall  
 1B.1S1 G4T1 DEL MAR MESA SAND-ASTER  
 §§*Dieteria asteroides* Torr. var. *lagunensis* (D.D. Keck) D.R. Morgan & R.L. Hartm.  
 2B.1S1 G5T2T3Q CR LAGUNA MOUNTAIN ASTER  
 §§*Ericameria cuneata* (A. Gray) McClatchie var. *macrocephala* Urbatsch  
 1B.3S2.3 G5T2 LAGUNA MOUNTAIN GOLDENBUSH  
 §§†*Eriophyllum wallacei* (A. Gray) A. Gray var. *rubellum* (A. Gray) A. Gray  
 WALLACE'S WHITE WOOLLY DAISY  
 §§*Grindelia hallii* Steyerem. SAN DIEGO GUMPLANT  
 1B.2S2.2 G2  
 §§*Hulsea californica* Torr. & A. Gray SAN DIEGO HULSEA  
 1B.3S2.1 G2  
 §§*Lessingia glandulifera* A. Gray var. *tomentosa* (Greene) Ferris  
 1B.3S2.3 G4?T2 RANCHITA LESSINGIA  
 §§*Packeria ganderi* (T.M. Barkley & R.M. Beauch.) W.A. Weber & Á. Löve  
 1B.2S2.2 G2 CR GANDER'S/SAN DIEGO BUTTERWEED

**BORAGINACEAE**

- §*Phacelia umbrosa* Greene COLORADO DESERT PHACELIA

## BRASSICACEAE

- §*Sibaropsis hammittii* S. Boyd & T.S. Ross HAMMITT'S CLAYCRESS  
1B.2S2.2 G2

## CACTACEAE

- §§*Cylindropuntia fosbergii* (C.B. Wolf) Rebman et al. PINK TEDDY-BEAR CHOLLA  
1B.3S2 G2

## CAMPANULACEAE

- §§*Downingia concolor* Greene var. *brevior* McVaugh CUYAMACA LAKE DOWNINGIA  
1B.1 S1 G4T1 CE  
§*Githopsis diffusa* A. Gray subsp. *filicaulis* (Ewan) Morin MISSION CANYON BLUECUP  
3.1S1 G5T2T3

## CRASSULACEAE

- §§*Dudleya brevifolia* (Moran) Moran SHORT-LEAF DUDLEYA  
1B.1S1.1 G2T1 CE  
§*Dudleya variegata* (S. Watson) Moran VARIEGATED DUDLEYA  
1B.2 S2.2 G2

## ERICACEAE

- §*Arctostaphylos glandulosa* Eastw. subsp. *crassifolia* (Jeps.) P.V. Wells DEL MAR MANZANITA  
1B.1S2 G5T2 FE  
§*Arctostaphylos otayensis* Wiesel. & B. Schreib. OTAY MANZANITA  
1B.2S2.1 G2  
§*Comarostaphylis diversifolia* (Parry) Greene subsp. *diversifolia* SUMMER-HOLLY  
1B.2S2 G3T2

## EUPHORBIACEAE

- §*Tetracoccus dioicus* Parry PARRY'S TETRACOCCLUS  
1B.2 S2.2 G3

## FABACEAE

- §*Acmispon haydonii* (Orcutt) Brouillet HAYDON'S LOTUS  
1B.3S2 G3  
§§*Astragalus deanei* (Rydb.) Barneby DEANE'S LOCOWEED/MILKVETCH  
1B.1S2.1 G2  
§§*Astragalus oocarpus* A. Gray SAN DIEGO MILKVETCH  
1B.2 S2.2 G2  
§*Hosackia crassifolia* Benth. var. *otayensis* (Isely) Brouillet OTAY MOUNTAIN LOTUS  
1B.1 S1.1 G5T1  
§*Lupinus excubitus* M.E. Jones var. *medius* (Jeps.) Munz MOUNTAIN SPRINGS BUSH LUPINE  
1B.3S2 G4T2T3  
§§*Thermopsis californica* S. Watson var. *semota* (Jeps.) C.J. Chen & B.L. Turner VELVETY FALSE-LUPINE  
1B.2S2.1 G3T2

## GROSSULARIACEAE

- §§*Ribes canthariforme* Wiggins MORENO CURRANT  
1B.3S2 G2

## LAMIACEAE

- §*Lepechinia ganderi* Epling GANDER'S PITCHER SAGE  
1B.3S2.2 G2  
§*Monardella hypoleuca* A. Gray subsp. *lanata* (Abrams) Munz FELT-LEAF MONARDELLA  
1B.2S2.2 G4T2  
§*Monardella stoneana* Elvin & A.C. Sanders JENNIFER'S MONARDELLA  
1B.2S1.2 G1

- §§*Monardella viminea* Greene WILLOWY MONARDELLA  
1B.1S1 G1 CE FE
- §§*Pogogyne abramsii* J.T. Howell SAN DIEGO MESA MINT  
1B.1S1 G1 CE FE
- §*Pogogyne nudiuscula* A. Gray OTAY MESA MINT  
1B.1S1 G1 CE FE

**LIMNANTHACEAE**

- §*Limnanthes alba* Benth. subsp. *parishii* (Jeps.) Morin PARISH'S MEADOWFOAM  
1B.2S2.2 G3T2T3 CE

**ONAGRACEAE**

- §*Clarkia delicata* (Abrams) A. Nelson & J.F. Macbr. DELICATE/CAMPO CLARKIA  
1B.2S2.2 G2

**POLYGONACEAE**

- §§*Chorizanthe orcuttiana* Parry ORCUTT'S SPINEFLOWER  
1B.1S1 G1 CE FE

**RANUNCULACEAE**

- §*Delphinium hesperium* A. Gray subsp. *cuyamacae* (Abrams) H. Lewis & Epling CUYAMACA LARKSPUR  
1B.2S2.1 G4T2 CR

**RHAMNACEAE**

- §§*Ceanothus austro-montanus* Abrams WAVY-LEAF-LILAC
- §*Ceanothus cyaneus* Eastw. LAKESIDE-LILAC  
1B.2S2.2 G2
- §*Ceanothus otayensis* McMinn OTAY-LILAC  
1B.2S1 G1
- §*Rhamnus pilosa* (Curran) Abrams HAIRY-LEAF REDBERRY

**ROSACEAE**

- §*Horkelia truncata* Rydb. RAMONA HORKELIA  
1B.3S2.3 G3

**RUBIACEAE**

- §§*Galium angustifolium* A. Gray subsp. *borregoense* Dempster & Stebbins BORREGO BEDSTRAW  
1B.3S2.3 G5T2 CR

**SAXIFRAGACEAE**

- §§*Heuchera brevistaminea* Wiggins MOUNT LAGUNA ALUMROOT  
1B.3S2.3 G2

**ANGIOSPERMS: MONOCOTS**

**LILIACEAE**

- §§*Calochortus dunnii* Purdy DUNN'S MARIPOSA LILY  
1B.2S2.1 G2 CR

**RUSCACEAE**

- §*Nolina interrata* Gentry DEHESA NOLINA  
1B.1S2 G2 CE

**THEMIDACEAE**

- §*Bloomeria clevelandii* S. Watson SAN DIEGO GOLDENSTAR  
1B.1S2 G2
- §*Brodiaea orcuttii* (Greene) Baker ORCUTT'S BRODIAEA  
1B.1S1 G1



## APPENDIX 3

### HYBRID TAXA IN SAN DIEGO COUNTY

#### LEPTOSPORANGIATE FERNS

##### PTERIDACEAE

*Myriopteris xparishii* Davenp.

PARISH'S LIP FERN

#### EQUISETOPHYTES

##### EQUISETACEAE

*Equisetum xferrissii* Clute

FERRIS'S SCOURING-RUSH

#### EUDICOTS

##### ANACARDIACEAE

*Rhus integrifolia* x *R. ovata*

HYBRID SUGARBERRY

##### ASTERACEAE

†*Baccharis pilularis* x *B. sarothroides*

†*Encelia californica* x *E. farinosa*

##### BORAGINACEAE

*Phacelia minor* x *P. parryi*

##### CACTACEAE

*Opuntia xoccidentalis* Engelm. & J.M. Bigelow

*Opuntia xvaseyi* (J.M. Coult.) Britton & Rose

WESTERN PRICKLY-PEAR

MESA PRICKLY-PEAR

##### FAGACEAE

*Quercus xacutidens* Torr.

TORREY'S SCRUB OAK

*Quercus agrifolia* x *Q. wislizenii*

*Quercus berberidifolia* x *Q. engelmannii*

*Quercus xganderi* C.B. Wolf

GANDER'S OAK

*Quercus xmorehus* Kellogg

ORACLE OAK

##### GERANIACEAE

\**Pelargonium xhortorum* L.H. Bailey

ZONAL GERANIUM

##### LAMIACEAE

\**Mentha xsmithiana* R.A. Graham

RED-STEM MINT

*Monardella breweri* subsp. *breweri* x subsp. *lanceolata*

†*Salvia apiana* x *S. mellifera*

†*Salvia apiana* x *S. munzii*

†*Salvia xpalmeri* (A. Gray) Greene

PALMER'S SAGE

##### ONAGRACEAE

*Camissoniopsis bistorta* x *C. cheiranthifolia* subsp. *suffruticosa*

##### OROBANCHACEAE

†*Castilleja applegatei* Fernald subsp. *martinii* x *C. foliolosa*

**PHRYMACEAE**

†*Diplacus xaustralis* (Munz) Tulig

SAN DIEGO MONKEY FLOWER

**PLANTAGINACEAE**

*Penstemon xparishii* A. Gray

PARISH'S BEARDTONGUE

**PLATANACEAE**

\**Platanus xhispanica* Münchh.

LONDON PLANE TREE

**RANUNCULACEAE**

*Clematis lasiantha* × *C. pauciflora*

*Delphinium xinflexum* Davidson

**RHAMNACEAE**

†*Ceanothus crassifolius* × *C. perplexans*

**MONOCOTS**

**ASPHODELACEAE**

\**Aloe xschoenlandii* Baker

ALOE

**POACEAE**

*Elymus xgouldii* J.P. Sm. & Columbus

*Elymus xhansenii* Scribn.

†*Melica frutescens* × *M. imperfecta*

*Stipa xbloomeri* Bol.

MANY-FLOWER WILD-RYE

HANSEN'S WILD-RYE

HYBRID MELIC

BLOOMER'S RICEGRASS



**APPENDIX 4**  
**HISTORICAL COLLECTIONS NOT DOCUMENTED**  
**IN LAST 50 YEARS**

Name followed by {specimen documentation} + last year of collection + (number of vouchers collected in County). Taxa in chronological order by last collection year.

<i>Sphenopholis obtusata</i> {UC 120918} 1875 (1)	Poaceae
<i>Corallorhiza striata</i> {SD 7902} 1875 (1)	Orchidaceae
* <i>Peritoma serrulata</i> {UC 85558} 1883 (1)	Cleomaceae
<i>Ludwigia palustris</i> (L.) Elliott {UC 140537} 1884 (1)	Onagraceae
<i>Cyperus esculentus</i> var. <i>macrostachyus</i> {US 31874} 1885 (1)	Cyperaceae
<i>Juncus longistylis</i> {RSA 264608} 1889 (1)	Juncaceae
<i>Portulaca halimoides</i> {UC 452682} 1891 (1)	Portulacaceae
<i>Scutellaria siphocampyloides</i> {UC 25789} 1891 (2)	Lamiaceae
* <i>Coriandrum sativum</i> {SD 36335} 1894 (1)	Apiaceae
<i>Arnica cordifolia</i> {UC 91044} 1898 (1)	Asteraceae
<i>Glyceria elata</i> {UC 120647} 1898 (1)	Poaceae
<i>Meconella californica</i> {SD 13490} 1898 (1)	Papaveraceae
<i>Astragalus sabulonum</i> {POM 1659} 1902 (6)	Fabaceae
<i>Cryptantha oxygona</i> {UC 56847} 1902 (1)	Boraginaceae
<i>Leptosyne bigelovii</i> {UC 486380} 1902 (1)	Asteraceae
<i>Aristida divaricata</i> {GH 341044} 1903 (2)	Poaceae
<i>Eriogonum</i> aff. <i>contiguum</i> {SD 22540} 1903 (1)	Polygonaceae
<i>Gayophytum heterozygum</i> {UC 66550} 1904 (1)	Onagraceae
<i>Trifolium fucatum</i> {UC 80505} 1905 (1)	Fabaceae
<i>Phacelia ivesiana</i> {UC 131510} 1906 (2)	Boraginaceae
<i>Perideridia gairdneri</i> subsp. <i>gairdneri</i> {UC 173175} 1910 (1)	Apiaceae
* <i>Geranium aequale</i> {UC 162525} 1911 (1)	Geraniaceae
* <i>Erodium cygnorum</i> {POM 47368} 1917 (1)	Geraniaceae
<i>Descurainia incana</i> {JEPS 53426} 1920 (1)	Brassicaceae
<i>Tetrapteron palmeri</i> {CAS 46043} 1920 (1)	Onagraceae
* <i>Vaccaria hispanica</i> {SD 1611} 1920 (5)	Caryophyllaceae
<i>Carex hassei</i> {RSA 88741} 1924 (2)	Cyperaceae
<i>Sagina saginoides</i> (L.) Karsten {POM 48993} 1924 (1)	Caryophyllaceae
<i>Triphysaria eriantha</i> {SD 4759} 1924 (2)	Orobanchaceae
<i>Viola nephrophylla</i> {SD 16428} 1925 (6)	Violaceae
<i>Potentilla biennis</i> {SD 2228} 1926 (1)	Rosaceae
<i>Salvia pachyphylla</i> subsp. <i>pachyphylla</i> {SD 4296} 1926 (5)	Lamiaceae
<i>Euphorbia parishii</i> Greene {CAS 179830} 1928 (1)	Euphorbiaceae
<i>Wislizenia refracta</i> subsp. <i>palmeri</i> {POM 153427} 1928 (1)	Cleomaceae
<i>Astragalus pachypus</i> var. <i>jaegeri</i> {UC 55962} 1929 (2)	Fabaceae
<i>Gilia sinuata</i> {RSA 469642} 1929 (3)	Polemoniaceae
<i>Erigeron philadelphicus</i> var. <i>philadelphicus</i> {SD 5439} 1929 (1)	Asteraceae
† <i>Sesuvium portulacastrum</i> {SD 5675} 1929 (2)	Aizoaceae
* <i>Galium tricornutum</i> {SD 4922} 1930 (1)	Rubiaceae
<i>Eriogonum angulosum</i> {SD 22405} 1931 (3)	Polygonaceae
* <i>Mentha pulegium</i> L. {RSA 409930} 1931 (4)	Lamiaceae
<i>Pseudognaphalium thermale</i> {UC 650468} 1931 (4)	Asteraceae
<i>Stephanomeria virgata</i> subsp. <i>virgata</i> {UC 676951} 1932 (3)	Asteraceae

<i>Galium johnstonii</i> {DS 212297} 1932 (3)	Rubiaceae
<i>Lepidium dictyotum</i> {UC 494507} 1932 (7)	Brassicaceae
<i>Plagiobothrys stipitatus</i> var. <i>micranthus</i> {SD 39255} 1932 (2)	Boraginaceae
<i>Carex abrupta</i> {RSA 364720} 1932 (1)	Cyperaceae
<i>Juncus breweri</i> {RSA 368248} 1932 (1)	Juncaceae
<i>Xylorhiza tortifolia</i> (Torr. & A. Gray) Greene var. <i>tortifolia</i> {UC 486382} 1932 (2)	Asteraceae
<i>Zostera pacifica</i> {POM 184727} 1932 (1)	Zosteraceae
<i>Amsinckia douglasiana</i> {RSA 499904} 1933 (11)	Boraginaceae
<i>Astragalus aridus</i> {RSA 611932} 1933 (10)	Fabaceae
<i>Acemison argyraeus</i> var. <i>argyraeus</i> {DS 153646} 1934 (3)	Fabaceae
* <i>Mentzelia lindleyi</i> {SD 38191} 1934 (2)	Loasaceae
<i>Lycium torreyi</i> {UCR 136961} 1937 (4)	Solanaceae
<i>Nemacaulis denudata</i> var. <i>gracilis</i> {SD 1210} 1937 (16)	Polygonaceae
<i>Ranunculus canus</i> var. <i>ludovicianus</i> {POM 88464} 1940 (2)	Ranunculaceae
<i>Astragalus nutans</i> {RSA 605949} 1941 (1)	Fabaceae
<i>Polystichum munitum</i> {DES 00001099} 1944 (1)	Dryopteridaceae
* <i>Myriophyllum aquaticum</i> {UC 1191972} 1948 (1)	Haloragaceae
<i>Cucurbita digitata</i> {RSA 97166} 1955 (1; duplicate at UC)	Cucurbitaceae
<i>Leptosiphon floribundus</i> subsp. <i>hallii</i> {SD 14491} 1955 (3)	Polemoniaceae
<i>Leptosyne douglasii</i> DC. {UCR 23835} 1955 (7)	Asteraceae
<i>Cornus sericea</i> subsp. <i>sericea</i> {SD 12443} 1957 (9)	Cornaceae
<i>Nasturtium gambelii</i> {RSA 668214} 1957 (1)	Brassicaceae
<i>Sporobolus flexuosus</i> {AHUC 23471} 1957 (2)	Poaceae
<i>Elatine rubella</i> {RSA 134217} 1958 (2)	Elatinaceae
* <i>Medicago arabica</i> {UCR 1635A} 1962 (1)	Fabaceae
<i>Eriogonum gracillimum</i> {RSA 393209} 1963 (1)	Polygonaceae

## APPENDIX 5

### RECENT COLLECTIONS LACKING SD or SDSU

#### VOUCHERS

Name followed by {specimen documentation} + last year of collection + (number of vouchers collected in County). Taxa in alphabetical order.

<i>Acmispon nevadensis</i> var. <i> davidsonii</i> {UCR 7616} 1964 (9)	Fabaceae
* <i>Amaranthus arenicola</i> {RSA 200028} 1968 (1)	Amaranthaceae
<i>Ambrosia ambrosioides</i> {UCR 115331} 2000 (9)	Asteraceae
<i>Astragalus curtipes</i> {UCR 14985} 1976 (1)	Fabaceae
<i>Baccharis glutinosa</i> {UC 1539730} 1995 (2)	Asteraceae
<i>Brandegea bigelovii</i> {HSC 38818} 1976 (1)	Cucurbitaceae
* <i>Bromus inermis</i> {UCR 9532} 1970 (1)	Poaceae
<i>Bromus laevipes</i> {CDA 12286} 1993 (1)	Poaceae
<i>Comissonia campestris</i> subsp. <i> campestris</i> {RSA 652377} 1973 (2)	Onagraceae
* <i>Carex inversa</i> {RSA 560487} 1992 (4)	Cyperaceae
* <i>Cestrum nocturnum</i> {UCR 73288} 1996 (2)	Solanaceae
<i>Chaenactis xantiana</i> {SJSU 14643} 1991 (3)	Asteraceae
<i>Chylismia brevipes</i> {OBI 78321} 2003 (3)	Onagraceae
<i>Collinsia parryi</i> {RSA 561772} 1992 (1)	Plantaginaceae
<i>Ditaxis serrata</i> var. <i> serrata</i> {HSC 7962} 1966 (1)	Euphorbiaceae
<i>Ephedra trifurca</i> {UC 1005090} 1966 (7)	Ephedraceae
<i>Eriastrum sparsiflorum</i> {UTC 00213751} 1973 (2)	Polemoniaceae
<i>Erythranthe rubella</i> {RSA 726838} 2004 (3)	Phrymaceae
<i>Euphorbia revoluta</i> {UCR 31843} 1982 (1)	Euphorbiaceae
<i>Festuca californica</i> {RSA 583562} 1995 (4)	Poaceae
* <i>Gamochaeta calviceps</i> {UCR 155111} 2005 (2)	Asteraceae
<i>Githopsis specularioides</i> {RSA 587902} 1995 (3)	Campanulaceae
*† <i>Iris germanica</i> {UCR 136347} 2004 (1)	Iridaceae
* <i>Lepidium pinnatifidum</i> {CDA 3821} 1966 (1)	Brassicaceae
<i>Linanthus maculatus</i> {RSA} (1)	Polemoniaceae
<i>Lycium brevipes</i> var. <i> hassei</i> {CAS 1170754} 2010 (7)	Solanaceae
* <i>Lythrum salicaria</i> {CDA 19954} 2002 (1)	Lythraceae
* <i>Malva sylvestris</i> {UCR 73647} 1991 (2)	Malvaceae
<i>Melica californica</i> {UCR 128605} 2003 (1)	Poaceae
<i>Mentzelia pectinata</i> {RSA 747787} 2005 (1)	Loasaceae
<i>Poa secunda</i> subsp. <i> juncifolia</i> {RSA 254053} 1973 (2)	Poaceae
* <i>Reseda lutea</i> {UCR 121073} 2010 (2)	Resedaceae
<i>Rhinotropis acanthoclada</i> {HSC 92366} 1993 (1)	Polygalaceae
<i>Sidalcea neomexicana</i> {RSA 271179} 1977 (5)	Malvaceae
<i>Sphaeralcea orcuttii</i> {RSA 304023} 1970 (8)	Malvaceae
<i>Syntrichopappus fremontii</i> {UCR 201588} 2005 (2)	Asteraceae
<i>Tetrapteron graciliflorum</i> {RSA 560854} 1992 (1)	Onagraceae
<i>Typha angustifolia</i> {UCR 43748} 1986 (2)	Typhaceae



## APPENDIX 6

### TAXA WITH CNPS INVENTORY LISTINGS

Environmental listing information is based on *California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants of California* (CNPS 2013), referred to here as the *CNPS Inventory*. The *CNPS Inventory* lists California Rare Plant Ranks (CRPR), as well as those from the California Natural Diversity Database (CNDDDB) and State and Federal Listings. See the inside back cover for a definition of ranks listed in the *CNPS Inventory*.

<i>Abronia maritima</i>	4.2 S3? G4?	Nyctaginaceae
<i>Abronia villosa</i> var. <i>aurita</i>	1B.1 S2 G5T3T4	Nyctaginaceae
<i>Acanthomintha ilicifolia</i>	1B.1 S2 G2 CE FT	Lamiaceae
§ <i>Acmispon haydonii</i>	1B.3 S2 G3	Fabaceae
<i>Acmispon prostratus</i>	1B.1 S1 G1	Fabaceae
<i>Adolphia californica</i>	2B.1 S2 G3G4	Rhamnaceae
<i>Agave shawii</i> var. <i>shawii</i>	2B.1 S1.2 G2G3	Agavaceae
<i>Allium marvinii</i>	1B.1 S1 G1	Alliaceae
<i>Ambrosia chenopodiifolia</i>	2B.1 S2.1 G3?	Asteraceae
<i>Ambrosia monogyra</i>	2B.2 S2.2 G5	Asteraceae
<i>Ambrosia pumila</i>	1B.1 S1 G1 FE	Asteraceae
<i>Androsace elongata</i> subsp. <i>acuta</i>	4.2 S3.2? G5?T3T4	Primulaceae
<i>Aphanisma blitoides</i>	1B.2 S3 G3G4	Chenopodiaceae
§ <i>Arctostaphylos glandulosa</i> subsp. <i>crassifolia</i>	1B.1 S2 G5T2 FE	Ericaceae
§ <i>Arctostaphylos otayensis</i>	1B.2 S2.1 G2	Ericaceae
† <i>Arctostaphylos rainbowensis</i>	1B.1 S2.1 G2	Ericaceae
<i>Artemisia palmeri</i>	4.2 S3.2 G3	Asteraceae
<i>Asplenium vespertinum</i>	4.2 S3.2 G3?	Aspleniaceae
<i>Astragalus crotalariae</i>	4.3 S3.3 G4G5	Fabaceae
§§ <i>Astragalus deanei</i>	1B.1 S2.1 G2	Fabaceae
<i>Astragalus douglasii</i> var. <i>perstrictus</i>	1B.2 S2.2 G5T2	Fabaceae
<i>Astragalus insularis</i> var. <i>harwoodii</i>	2B.2 S2 G5T3	Fabaceae
<i>Astragalus lentiginosus</i> var. <i>borreganus</i>	4.3 S3.3 G5T4T5	Fabaceae
<i>Astragalus magdalenae</i> var. <i>peirsonii</i>	1B.2 S2 G3G4T2 CE FT	Fabaceae
<i>Astragalus nutans</i>	4.3 S3.3 G3	Fabaceae
§§ <i>Astragalus oocarpus</i>	1B.2 S2.2 G2	Fabaceae
<i>Astragalus pachypus</i> var. <i>jaegeri</i>	1B.1 S1 G4T1	Fabaceae
<i>Astragalus sabulonum</i>	2B.2 S2 G5	Fabaceae
<i>Astragalus tener</i> var. <i>titi</i>	1B.1 S1 G1T1 CE FE	Fabaceae
<i>Atriplex coulteri</i>	1B.2 S2 G2	Chenopodiaceae
<i>Atriplex pacifica</i>	1B.2 S2 G3G4	Chenopodiaceae
<i>Atriplex parishii</i>	1B.1 S1 G1G2	Chenopodiaceae
<i>Ayenia compacta</i>	2B.3 S3? G4	Malvaceae
§§ <i>Baccharis vanessae</i>	1B.1 S1 G1 CE FT	Asteraceae
<i>Bahiopsis laciniata</i>	4.2 S3.2 G4	Asteraceae
<i>Berberis nevini</i>	1B.1 S1 G1 CE FE	Berberidaceae
<i>Berberocactus emoryi</i>	2B.2 S2.1 G2G3	Cactaceae
§ <i>Bloomeria clevelandii</i>	1B.1 S2 G2	Themidaceae
<i>Boechera johnstonii</i>	1B.2 S1 G1	Brassicaceae
<i>Brodiaea filifolia</i>	1B.1 S1 G1 CE FT	Themidaceae
§ <i>Brodiaea orcuttii</i>	1B.1 S1 G1	Themidaceae
<i>Brodiaea santarosae</i>	1B.2 S2 G2	Themidaceae

<i>Bursera microphylla</i>	2.3 S2 G4	Burseraceae
<i>Calandrinia breweri</i>	4.2 S3.2? G4	Montiaceae
<i>California macrophylla</i>	1B.1 S2 G2	Geraniaceae
<i>Calliandra eriophylla</i>	2B.3 S2S3 G5	Fabaceae
§§ <i>Calochortus dunnii</i>	1B.2 S2.1 G2 CR	Liliaceae
<i>Calochortus palmeri</i> var. <i>munzii</i>	1B.2 S1 G2T1	Liliaceae
*† <i>Calyptridium arizonicum</i>	2B.1 S1 G2G3	Montiaceae
<i>Camissoniopsis lewisii</i>	3 S1S3 G2G3	Onagraceae
<i>Carex obispoensis</i>	1B.2 S2.2 G2	Cyperaceae
<i>Carlowrightia arizonica</i>	2B.2 S2 G4G5	Acanthaceae
<i>Caulanthus simulans</i>	4.2 S3.2 G3	Brassicaceae
§ <i>Ceanothus cyaneus</i>	1B.2 S2.2 G2	Rhamnaceae
§ <i>Ceanothus otayensis</i>	1B.2 S1 G1	Rhamnaceae
<i>Ceanothus verrucosus</i>	2B.2 S2.2 G3	Rhamnaceae
<i>Centromadia parryi</i> subsp. <i>australis</i>	1B.1 S2 G4T2	Asteraceae
<i>Centromadia pungens</i> subsp. <i>laevis</i>	1B.1 S2 G3G4T2	Asteraceae
<i>Chaenactis carphoclinia</i> var. <i>peirsonii</i>	1B.3 S2 G5T1	Asteraceae
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i>	1B.1 S1 G5T1	Asteraceae
<i>Chaenactis parishii</i>	1B.3 S2.3 G3	Asteraceae
<i>Chamaebatia australis</i>	4.2 S3.2 G4	Rosaceae
<i>Chloropyron maritimum</i> subsp. <i>maritimum</i>	1B.2 S1 G4?T2 CE FE	Orobanchaceae
<i>Chorizanthe leptotheca</i>	4.2 S3.2 G4	Polygonaceae
§§ <i>Chorizanthe orcuttiana</i>	1B.1 S1 G1 CE FE	Polygonaceae
<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	1B.2 S3 G5T3	Polygonaceae
<i>Chorizanthe xanti</i> var. <i>leucotheca</i>	1B.2 S2 G4T2	Polygonaceae
<i>Cistanthe maritima</i>	4.2 S3.2 G3G4	Montiaceae
§ <i>Clarkia delicata</i>	1B.2 S2.2 G2	Onagraceae
<i>Clinopodium chandleri</i>	1B.2 S2 G2	Lamiaceae
§ <i>Comarostaphylis diversifolia</i> subsp. <i>diversifolia</i>	1B.2 S2 G3T2	Ericaceae
<i>Convolvulus simulans</i>	4.2 S3.2 G3	Convolvulaceae
§§† <i>Corethrogyne filaginifolia</i> var. <i>incana</i>	1B.1 S1 G4T1	Asteraceae
§§† <i>Corethrogyne filaginifolia</i> var. <i>linifolia</i>	1B.1 S1 G4T1	Asteraceae
<i>Cryptantha ganderi</i>	1B.1 S1 G1G2	Boraginaceae
† <i>Cryptantha wigginsii</i>	1B.2 S1S2 G2	Boraginaceae
<i>Cylindropuntia californica</i> var. <i>californica</i>	1B.1 S1 G3T2	Cactaceae
§§ <i>Cylindropuntia fosbergii</i>	1B.3 S2 G2	Cactaceae
<i>Cylindropuntia wolfii</i>	4.3 S3.3 G4?	Cactaceae
<i>Deinandra conjugens</i>	1B.1 S1.1 G1 CE FT	Asteraceae
<i>Deinandra floribunda</i>	1B.2 S2.2 G3	Asteraceae
<i>Deinandra mohavensis</i>	1B.3 S2S3 G2G3 CE	Asteraceae
<i>Deinandra paniculata</i>	4.2 S3.2 G3G4	Asteraceae
§ <i>Delphinium hesperium</i> subsp. <i>cuyamaca</i>	1B.2 S2.1 G4T2 CR	Ranunculaceae
<i>Delphinium parishii</i> subsp. <i>subglobosum</i>	4.3 S3.2 G4T3	Ranunculaceae
<i>Dichondra occidentalis</i>	4.2 S3.2 G4?	Convolvulaceae
<i>Dicranostegia orcuttiana</i>	2B.1 S1 G2?	Orobanchaceae
§ <i>Dieteria asteroides</i> var. <i>lagunensis</i>	2B.1 S1 G5T2T3Q CR	Asteraceae
† <i>Digitaria californica</i> var. <i>californica</i>	2B.3 S1.3 G5	Poaceae

<i>Diplacus aridus</i>	4.3 S3.3 G5T3T4	Phrymaceae
<i>Diplacus clevelandii</i>	4.2 S3.2 G3G4	Phrymaceae
<i>Ditaxis serrata</i> var. <i>californica</i>	3.2 S2 G5T2T3	Euphorbiaceae
§§ <i>Downingia concolor</i> var. <i>brevior</i>	1B.1 S1 G4T1 CE	Campanulaceae
<i>Dudleya attenuata</i> subsp. <i>attenuata</i>	2B.2 S1 G4T2	Crassulaceae
<i>Dudleya blochmaniae</i> subsp. <i>blochmaniae</i>	1B.1 S2.1 G2T2	Crassulaceae
§§ <i>Dudleya brevifolia</i>	1B.1 S1.1 G2T1 CE	Crassulaceae
<i>Dudleya multicaulis</i>	1B.2 S2 G2	Crassulaceae
§ <i>Dudleya variegata</i>	1B.2 S2.2 G2	Crassulaceae
<i>Dudleya viscida</i>	1B.2 S2.2 G2	Crassulaceae
<i>Eriastrum harwoodii</i>	1B.2 S3 G3	Polemoniaceae
<i>Eriastrum sparsiflorum</i>	4.3 S3? G3G4	Polemoniaceae
§§ <i>Ericameria cuneata</i> var. <i>macrocephala</i>	1B.3 S2.3 G5T2	Asteraceae
<i>Ericameria palmeri</i> var. <i>palmeri</i>	1B.1 S1 G4T2T3	Asteraceae
<i>Eriogonum evanidum</i>	1B.1 S1 G1	Polygonaceae
<i>Eryngium aristulatum</i> var. <i>parishii</i>	1B.1 S1 G5T1 CE FE	Apiaceae
§§ <i>Eryngium pendletonense</i>	1B.1 S1 G1	Apiaceae
<i>Erysimum ammophilum</i>	1B.2 S2.2 G2	Brassicaceae
<i>Erythranthe diffusa</i>	4.3 S3.3 G4Q	Phrymaceae
<i>Eucnide rupestris</i>	2B.2 S1 G3	Loasaceae
<i>Euphorbia abramsiana</i>	2B.2 S2S3 G4	Euphorbiaceae
<i>Euphorbia arizonica</i>	2B.3 S2 G5	Euphorbiaceae
<i>Euphorbia misera</i>	2B.2 S1 G5	Euphorbiaceae
<i>Euphorbia revoluta</i>	4.3 S3.3 G5	Euphorbiaceae
<i>Ferocactus viridescens</i> var. <i>viridescens</i>	2B.1 S2 G4	Cactaceae
<i>Frankenia palmeri</i>	2B.1 S1 G3G4	Frankeniaceae
<i>Fraxinus parryi</i>	2B.2 S1 G3?	Oleaceae
<i>Fremontodendron mexicanum</i>	1B.1 S1 G1 CR FE	Malvaceae
<i>Funastrum utahense</i>	4.2 S3.2 G4	Apocynaceae
§§ <i>Galium angustifolium</i> subsp. <i>borregoense</i>	1B.3 S2.3 G5T2 CR	Rubiaceae
<i>Galium angustifolium</i> subsp. <i>gracillimum</i>	4.2 S3.2 G5T3	Rubiaceae
<i>Galium angustifolium</i> subsp. <i>jacinticum</i>	1B.3 S2S3 G5T2T3	Rubiaceae
<i>Galium johnstonii</i>	4.3 S3.3 G3	Rubiaceae
<i>Galium proliferum</i>	2.2 S2 G5	Rubiaceae
<i>Geraea viscida</i>	2B.3 S2.3? G3	Asteraceae
† <i>Gilia mexicana</i>	2B.3 S1 G4	Polemoniaceae
§ <i>Githopsis diffusa</i> subsp. <i>filicaulis</i>	3.1 S1 G5T2T3	Campanulaceae
§§ <i>Grindelia hallii</i>	1B.2 S2.2 G2	Asteraceae
<i>Harpagonella palmeri</i>	4.2 S3.2 G4	Boraginaceae
<i>Hazardia gcuttii</i>	1B.1 S1 G1 CT FC	Asteraceae
<i>Helianthus niveus</i> subsp. <i>tephrodes</i>	1B.2 S2 G4T2 CE	Asteraceae
<i>Herissantia crispa</i>	2B.3 S2 G5	Malvaceae
* <i>Hesperevax caulescens</i>	4.2 S3.2 G3	Asteraceae
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§§ <i>Hesperocyparis stephensonii</i>	1B.1 S1 G1	Cupressaceae
<i>Heterotheca sessiliflora</i> subsp. <i>sessiliflora</i>	1B.1 S2.1? G4T2T3	Asteraceae
§§ <i>Heuchera brevistaminea</i>	1B.3 S2.3 G2	Saxifragaceae
<i>Holocarpha virgata</i> subsp. <i>elongata</i>	4.2 S3.2 G5T3	Asteraceae
<i>Hordeum intercedens</i>	3.2 S3S4 G3G4	Poaceae

<i>Horkelia cuneata</i> subsp. <i>puberula</i>	1B.1 S2.1 G4T2	Rosaceae
§ <i>Horkelia truncata</i>	1B.3 S2.3 G3	Rosaceae
<i>Horsfordia alata</i>	4.3 S3.3 G4	Malvaceae
<i>Horsfordia newberryi</i>	4.3 S3.3 G4	Malvaceae
§ <i>Husackia crassifolia</i> var. <i>otayensis</i>	1B.1 S1.1 G5T1	Fabaceae
§§ <i>Hulsea californica</i>	1B.3 S2.1 G2	Asteraceae
<i>Hulsea mexicana</i>	2B.3 S1 G3G4	Asteraceae
<i>Hulsea vestita</i> subsp. <i>callicarpa</i>	4.2 S3.2 G5T3	Asteraceae
<i>Hymenothrix wrightii</i>	4.3 S3.3 G5	Asteraceae
<i>Ipomopsis tenuifolia</i>	2B.3 S2 G3G4	Polemoniaceae
<i>Isocoma menziesii</i> var. <i>decumbens</i>	1B.2 S2.2 G3G5T2T3	Asteraceae
<i>Iva hayesiana</i>	2B.2 S2.2? G3?	Asteraceae
<i>Johnstonella costata</i>	4.3 S3.3 G4G5	Boraginaceae
<i>Johnstonella holoptera</i>	4.3 S3? G3G4	Boraginaceae
<i>Juglans californica</i> var. <i>californica</i>	4.2 S3.2 G3	Juglandaceae
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<i>Juncus cooperi</i>	4.3 S3.3 G4	Juncaceae
<i>Juncus luciensis</i>	1B.2 S2S3 G2G3	Juncaceae
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<i>Lepechinia cardiophylla</i>	1B.2 S2.2 G2	Lamiaceae
§ <i>Lepechinia ganderi</i>	1B.3 S2.2 G2	Lamiaceae
† <i>Lepidium virginicum</i> var. <i>robinsonii</i>	4.3 S3 G5T3	Brassicaceae
<i>Leptosiphon floribundus</i> subsp. <i>hallii</i>	1B.3 S1 G4T1	Polemoniaceae
<i>Leptosyne maritima</i>	2B.2 S2.2 G3	Asteraceae
§§ <i>Lessingia glandulifera</i> var. <i>tomentosa</i>	1B.3 S2.3 G4?T2	Asteraceae
<i>Lewisia brachycalyx</i>	2B.2 S2 G4G5	Montiaceae
<i>Lilium humboldtii</i> subsp. <i>ocellatum</i>	4.2 S3.2 G4T3	Liliaceae
<i>Lilium parryi</i>	1B.2 S2 G3	Liliaceae
§ <i>Limnanthes alba</i> subsp. <i>parishii</i>	1B.2 S2.2 G3T2T3 CE	Limnanthaceae
<i>Linanthus bellus</i>	2B.3 S2.3? G2G3	Polemoniaceae
<i>Linanthus maculatus</i>	1B.2 S2 G2	Polemoniaceae
<i>Linanthus orcuttii</i>	1B.3 S2 G4	Polemoniaceae
§ <i>Lupinus excubitus</i> var. <i>medius</i>	1B.3 S2 G4T2T3	Fabaceae
<i>Lycium brevipes</i> var. <i>hassei</i>	1B.1 S1 G1Q	Solanaceae
<i>Lycium californicum</i>	4.2 S3.2 G4	Solanaceae
<i>Lycium parishii</i>	2B.3 S2S3 G3?	Solanaceae
<i>Lyrocarpa coulteri</i>	4.3 S3.3 G4	Brassicaceae
<i>Malacothamnus aboriginum</i>	1B.2 S2 G2	Malvaceae
<i>Malperia tenuis</i>	2B.3 S2 G4?	Asteraceae
* <i>Malva assurgentiflora</i>	1B.1 S2.1 G2T2	Malvaceae
<i>Matelea parvifolia</i>	2B.3 S2.2 G5?	Apocynaceae
<i>Mentzelia hirsutissima</i>	2B.3 S2S3 G3?	Loasaceae
<i>Microseris douglasii</i> subsp. <i>platycarpa</i>	4.2 S3.2 G4T3	Asteraceae
<i>Mirabilis tenuiloba</i>	4.3 S3.3 G4	Nyctaginaceae
<i>Monardella hypoleuca</i> subsp. <i>intermedia</i>	1B.3 S2S3 G4T2T3	Lamiaceae
§ <i>Monardella hypoleuca</i> subsp. <i>lanata</i>	1B.2 S2.2 G4T2	Lamiaceae
<i>Monardella macrantha</i> subsp. <i>hallii</i>	1B.3 S3 G5T3	Lamiaceae
† <i>Monardella nana</i> subsp. <i>leptosiphon</i>	1B.2 S2 G4G5T2Q	Lamiaceae



§ <i>Monardella stoneana</i>	1B.2 S1.2 G1	Lamiaceae
§§ <i>Monardella viminea</i>	1B.1 S1 G1 CE FE	Lamiaceae
<i>Mucronea californica</i>	4.2 S3 G3	Polygonaceae
<i>Muhlenbergia appressa</i>	2B.2 S3 G4	Poaceae
<i>Nama stenocarpum</i>	2B.2 S1S2 G4G5	Boraginaceae
<i>Nasturtium gambelii</i>	1B.1 S1 G1	Brassicaceae
<i>Navarretia fossalis</i>	1B.1 S1 G1	Polemoniaceae
<i>Navarretia peninsularis</i>	1B.2 S2 G3?	Polemoniaceae
<i>Navarretia prostrata</i>	1B.1 S2 G2	Polemoniaceae
<i>Nemacaulis denudata</i> var. <i>denudata</i>	1B.2 S2.2 G3G4T3?	Polygonaceae
<i>Nemacaulis denudata</i> var. <i>gracilis</i>	2B.2 S2 G3G4T3?	Polygonaceae
<i>Nemacladus twisselmannii</i>	1B.2 S1 G1 CR	Campanulaceae
<i>Nolina cismontana</i>	1B.2 S2 G2	Ruscaceae
§ <i>Nolina interrata</i>	1B.1 S2 G2 CE	Ruscaceae
<i>Ophioglossum californicum</i>	4.2 S3.2 G4	Ophioglossaceae
<i>Orcuttia californica</i>	1B.1 S1 G1 CE FE	Poaceae
<i>Ornithostaphylos oppositifolia</i>	2B.1 S1 G4 CE	Ericaceae
<i>Orobanche parishii</i> subsp. <i>brachyloba</i>	4.2 S3.2 G4?T3	Orobanchaceae
§ <i>Packera ganderi</i>	1B.2 S2.2 G2 CR	Asteraceae
<i>Penstemon clevelandii</i> var. <i>connatus</i>	4.3 S3.3 G5T4	Plantaginaceae
<i>Penstemon thurberi</i>	4.2 S3.2? G5	Plantaginaceae
<i>Pentachaeta aurea</i> subsp. <i>aurea</i>	4.2 S3 G4T3	Asteraceae
<i>Perideridia gairdneri</i> subsp. <i>gairdneri</i>	4.2 S3.2 G5T3	Apiaceae
<i>Phacelia keckii</i>	1B.3 S2 G2	Boraginaceae
<i>Phacelia nashiana</i>	1B.2 S3 G3	Boraginaceae
† <i>Phacelia ramosissima</i> var. <i>austrolitoralis</i>	3.2 S3.2 G5?T3	Boraginaceae
<i>Phacelia stellaris</i>	1B.1 S1 G2?	Boraginaceae
<i>Pholistoma auritum</i> var. <i>arizonicum</i>	2B.3 S2 G5T2T3	Boraginaceae
<i>Pickeringia montana</i> var. <i>tomentosa</i>	4.3 S2S4.3 G5T2T4	Fabaceae
<i>Pilostyles thurberi</i>	4.3 S3.3 G5	Apodanthaceae
§§ <i>Pinus torreyana</i> subsp. <i>torreyana</i>	1B.2 S1 G1T1	Pinaceae
<i>Piperia cooperi</i>	4.2 S3.2 G4	Orchidaceae
<i>Piperia leptopetala</i>	4.3 S3.3 G3	Orchidaceae
<i>Poa atropurpurea</i>	1B.2 S2 G2	Poaceae
§§ <i>Pogogyne abramsii</i>	1B.1 S1 G1 CE FE	Lamiaceae
§ <i>Pogogyne nudiuscula</i>	1B.1 S1 G1 CE FE	Lamiaceae
<i>Portulaca halimoides</i>	4.2 S3 G5	Portulacaceae
<i>Proboscidea althaeifolia</i>	4.3 S3.3 G5	Martyniaceae
<i>Pseudognaphalium leucocephalum</i>	2B.2 S2S3.2 G4	Asteraceae
<i>Quercus cedrosensis</i>	2B.2 S1 G2?	Fagaceae
<i>Quercus dumosa</i>	1B.1 S2 G2	Fagaceae
<i>Quercus engelmannii</i>	4.2 S3.2 G3	Fagaceae
<i>Rhinotropis acanthoclada</i>	2B.3 S1 G4	Polygalaceae
<i>Rhinotropis cornuta</i> var. <i>fishiae</i>	4.3 S3.3 G5T4	Polygalaceae
† <i>Rhus aromatica</i> var. <i>simplicifolia</i>	2B.3 S2 G5T3T5	Anacardiaceae
§ <i>Ribes canthariforme</i>	1B.3 S2 G2	Grossulariaceae
<i>Ribes viburnifolium</i>	1B.2 S2 G2	Grossulariaceae
<i>Romneya coulteri</i>	4.2 S3.2 G3	Papaveraceae
<i>Rosa minutifolia</i>	2B.1 SXC G3 CE	Rosaceae

<i>Rupertia rigida</i>	4.3 S3.3 G3	Fabaceae
<i>Saltugilia caruifolia</i>	4.3 S3.3 G4?	Polemoniaceae
<i>Salvia eremostachya</i>	4.3 S3.3 G4G5	Lamiaceae
<i>Salvia munzii</i>	2B.2 S2.2 G3	Lamiaceae
<i>Scutellaria bolanderi</i> subsp. <i>austromontana</i>	1B.2 S2 G4T2	Lamiaceae
<i>Selaginella asprella</i>	4.3 S3.3 G4G5	Selaginellaceae
<i>Selaginella cinerascens</i>	4.1 S3S4 G3G4	Selaginellaceae
<i>Selaginella eremophila</i>	2B.2 S2S3 G4	Selaginellaceae
<i>Senecio aphanactis</i>	2B.2 S2 G3?	Asteraceae
<i>Senecio astephanus</i>	4.3 S3 G3	Asteraceae
<i>Senna covesii</i>	2B.2 S2 G5?	Fabaceae
§ <i>Sibaropsis hammittii</i>	1B.2 S2.2 G2	Brassicaceae
<i>Sidalcea neomexicana</i>	2B.2 S2S3 G4?	Malvaceae
§§ <i>Spermolepis infernensis</i>	2B.3 S1 G5	Apiaceae
<i>Spermolepis lateriflora</i>	2B.3 S1 G5	Apiaceae
<i>Sphenopholis obtusata</i>	2B.2 S2.2 G5	Poaceae
<i>Stemodia durantifolia</i> var. <i>durantifolia</i>	2B.1 S2.1? G5	Plantaginaceae
<i>Stipa diegoensis</i>	4.2 S3.2 G3	Poaceae
<i>Streptanthus bernardinus</i>	4.3 S3 G3	Brassicaceae
<i>Streptanthus campestris</i>	1B.3 S2.3 G2	Brassicaceae
<i>Suaeda esteroa</i>	1B.2 S2 G3	Chenopodiaceae
<i>Suaeda taxifolia</i>	4.2 S2S3 G3?	Chenopodiaceae
<i>Symphotrichum defoliatum</i>	1B.2 S2 G2	Asteraceae
§ <i>Tetracoccus dioicus</i>	1B.2 S2.2 G3	Picrodendraceae
§§ <i>Thermopsis californica</i> var. <i>semota</i>	1B.2 S2.1 G3T2	Fabaceae
<i>Thysanocarpus rigidus</i>	1B.2 S1S2 G1G2	Brassicaceae
<i>Viguiera purisimae</i>	2B.3 S1 G4?	Asteraceae
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<i>Xanthisma junceum</i>	4.3 S3.3 G5	Asteraceae
<i>Xylorhiza orcuttii</i>	1B.2 S2 G2G3	Asteraceae

ADDITIONAL TAXA FOR WHICH CNPS INVENTORY LISTING PENDING  
OR FOR INFRATAXA NOT RECOGNIZED IN JEPSON II:

<i>Berberis higginsiae</i>	Berberidaceae
[ <i>Mahonia higginsiae</i> (Munz) Ahrendt] Note: CNPS Inventory listing pending.	
<i>Heuchera rubescens</i>	Saxifragaceae
[ <i>H. r.</i> var. <i>versicolor</i> (Greene) M.G. Stewart; CNPS Inventory listing of this var.: <b>3.3 S2 G5T4</b> ]	
<i>Lepidium flavum</i>	Brassicaceae
[ <i>L. f.</i> var. <i>felipense</i> C.L. Hitchc.; CNPS Inventory listing of var.: <b>1B.2 S1 G5T1</b> ]	
<i>Myosurus minimus</i>	Ranunculaceae
[ <i>M. m.</i> subsp. <i>apus</i> (Greene) G.R. Campbell; CNPS Inventory listing for this subsp.: <b>3.1 S2.2 G5T2Q</b> ]	
<i>Rubus glaucifolius</i>	Rosaceae
[ <i>Rubus glaucifolius</i> var. <i>ganderi</i> (L.H. Bailey) Munz; this variety, not accepted in Jepson II, is CNPS listed <b>3.1 S1 G5T1Q</b> ]	

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Notes:

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# Environmental Listings:

Example:

§§*Pogogyne abramsii* J. Howell {SD 132862}

SAN DIEGO MESA MINT

1B.1 S1 G1 CE FE

## Codes cited from the *CNPS Inventory (2014)*

### California Rare Plant Rank (CRPR)

- 1A** Plants presumed extirpated in California and either rare or extinct elsewhere
- 1B** Plants rare, threatened, or endangered in California and elsewhere
- 2A** Plants presumed extirpated in California, but more common elsewhere
- 2B** Plants rare, threatened, or endangered in California, but more common elsewhere
- 3** Plants about which more information is needed - a review list
- 4** Plants of limited distribution - a watch list

### Threat Rank

- .1** Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
- .2** Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)
- .3** Not very threatened in California (<20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

### CNDDDB (California Natural Diversity Database) State Ranking

- S1** **Critically Imperiled.** Critically imperiled in the state because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province.
- S2** **Imperiled.** Imperiled in the state because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.
- S3** **Vulnerable.** Vulnerable in the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.
- S4** **Apparently Secure.** Uncommon but not rare; some cause for long-term concern due to declines or other factors
- S5** **Secure.** Common, widespread, and abundant in the state
- SXC** Extinct in the wild; exists in cultivation

### CNDDDB (California Natural Diversity Database) Global Ranking

- G1** **Critically Imperiled.** At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors
- G2** **Imperiled.** At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors
- G3** **Vulnerable.** At moderate risk of extinction due to a restricted range, relatively few populations (~ 80 or fewer), recent, widespread declines, or other factors
- G4** **Apparently Secure.** Uncommon but not rare; some cause for long-term concern due to declines or other factors
- G5** **Demonstrably Secure.** Common; widespread and abundant
- T** Subspecies receive a T-rank attached to the G-rank, the G reflecting the species as a whole, the "T" applying only to the subspecies.

### State Listing Status

- CE** California state-listed, Endangered
- CT** California state-listed, Threatened
- CR** California state-listed, Rare

### Federal Listing Status

- FE** Federally-listed, Endangered
- FT** Federally-listed, Threatened
- FC** Federal Candidate for listing as Threatened or Endangered

