

# PLANT LIST

## CARRIZO PLAINS NATIONAL MONUMENT AND CARRIZO PLAINS ECOLOGICAL RESERVES EXCEPT CHIMINEAS

### KEY

- sp = species                      ? = in question  
ssp = subspecies                # = not in CPNM, but nearby  
v = variety                        1L = single known location  
CNPS 1B or 4 = Calif. Native Plant Society designations  
FE = Federally endangered, CR = Calif. rare, CE, etc. = government listings.

COM heads the column for community. A capital letter means common, a small letter means occasional to rare.

- a = alkali sink scrub.  
d = semi-desert scrub (Upper Sonoran Sub-Shrub Scrub); includes rocks or sand.  
g = grassland; open or herbaceous areas.  
i = introduced ranch ornamental.  
j = juniper woodland.  
o = oak-juniper woodland.  
r = riparian; seeps and springs; streambeds.  
s = saltbush scrub.  
v = vernal pools.  
w = wayside, disturbed places.  
xx = many communities.

F means form, growth habit.

- a = annual                        p = perennial                      t = tree  
h = herb, annual                s = shrub, woody                 v = vine

LOC means location; the most likely place to see the plant. A capital letter means common, a small letter means occasional to rare.

- c = central plain (e.g. Elkhorn scarp to base of western foothills)  
c̄ = Chimineas or Cuyama area  
e = Elkhorn Plain  
m = Caliente Mountain. Extended area, not just the peak  
s = Soda Lake  
t = Temblor Range, the Carrizo side up to the summit  
v = Calif. Valley. North of 7-mile Rd

w = westside foothills of the Calientes  
xx = many places

FL equals flowering months.

1 = January,  
2 = February, etc.

COL refers to flower color.

b = blue	c = cream	o = orange
p = pink-purple	pi = pink	pu = purple
r = red	w = white	y = yellow

N means native -- whether or not the plant is native.

i = introduced  
n = native

REF means reference.

b = Butterworth, George  
c = Chadwick, Ann  
d = Denis Kearns, BLM  
e = Ellen Cypher  
f = Fred Hrusa, CDA curator  
g = Greg Wilvert  
h = Hoover, R. F., The Vascular Plants of San Luis Obispo County, U. C. Press, Berkeley, 1970.  
j = Johna Hurl, BLM  
j<sup>2</sup> = The Jepson Manual II, J. C. Hickman ed., UC Press, Berkeley, 2011  
k = Kakiba-Russell, K., and E. Hubert, "CPNA, a Checklist of Vascular Plants," and (with L. Spiegel) CPNA Biological Resources Inventory: Sensitive Species Accounts, Appendix 4. BLM, CEC (Calif. Energy Commission), DFG, TNC, 1991.  
k = Keil, David and/or the Cal Poly herbarium  
k<sup>3</sup> = Kathy Sharum, BLM  
l = Lewis, Russ, BLM  
m = MacLeod, Dr. M., and C. Cunningham.  
r = Rapid Veg crew (VegCAMP), 2008-11  
s = Schiffman, Paula. Specimens at CSU Northridge.  
s = Smith, Clif, A Flora of the Santa Barbara Region  
t = Twisselman, E. C., "A Flora of the Temblor Range...", The Wassmann Journal of Biology v. 14 #2, 1956.  
ti = Timbrook, Jan, Santa Barbara Museum of Natural History  
v = van de Hoek, Roy, "CPNA Floristic Checklist," 1990.  
w = Woods, Craig, "An Inventory of the Terrestrial Vertebrates, Appendix A," thesis, 1982.  
X = CPNM specimen in herbarium; x (small case) = specimen from outside CPNM  
Other reference: Munz, P. A., & D. Keck, A California Flora, UC Press, L.A., 1959.

Compiled by George Butterworth and Ann Chadwick, May, 1995. Updated 6-2006, 1-2011, 3-2012.

1. Ferns

**MARSILEACEAE.** Marsilea Family

<i>Pilularia americana.</i> (Pillwort). .....	rv		tws		n	h
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**PTERIDACEAE.** Brake Family

<i>Adiantum jordanii.</i> Calif. maiden-hair. ....		p	w		n	v
<i>Pellaea andromedifolia.</i> Coffee fern. ....		p	w		n	fx
<i>Pellaea mucronata</i> ( <i>v mucronata?</i> ) Bird's-foot fern. ....		p			n	k
<i>Pentagramma triangularis ssp triangularis.</i> Goldback fern.....	d	p	w		n	bX

2. Gymnosperms

**CUPRESSACEAE.** Cypress Family

*Cupressus.* All of ours changed to *Hesperocyparis*

<i>Hesperocyparis nevadensis</i> ( <i>H. arizonica</i> ). Piute cypress. ....	i	t	w		i	vX
<i>Hesperocyparis macrocarpa.</i> Monterey cypress. ....	i	t	w		i	d
<i>Hesperocyparis sargentii.</i> Sargent cypress. ....	i	t	w		i	fx
<i>Juniperus californica.</i> California juniper .....	JO	s	XX		n	tX

**EPHEDRACEAE.** Ephedra Family

<i>Ephedra californica.</i> Desert tea .....	DJ	s	EWT	3-4	n	tX
<i>Ephedra viridis.</i> Green ephedra. ....	DJO	s	Mwt	2-6	n	tX

**PINACEAE.** Pine Family

<i>Pinus halapensis.</i> Allepo pine. ....	i	t	w		i	d
<i>Pinus monophylla.</i> Singleleaf pinyon pine. ....	o	t	m		n	hX

3. Eudicots (Dicots)

**ADOXACEAE.** Muskroot Family. (Previously in CAPRIFOLIACEAE)

<i>Sambucus nigra ssp caerulea</i> ( <i>S. mexicana</i> ). Blue elderberry ...	jor	s	wmt	3-9	c	n	tX
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**AMARANTHACEAE.** Pigweed Family

<i>Amaranthus albus.</i> Tumbleweed. ....	gw	h	cv	6-10	i	tX
# <i>Amaranthus blitoides.</i> Procumbent pigweed.....	w	h	tv	7-11	n	tX

**ANACARDIACEAE.** Sumac or Cashew Family

<i>Schinus molle.</i> (Peruvian) pepper tree. ....	i	t	c		i	v	
<i>Toxicodendron diversilobum.</i> West. poison oak. 1L.....	j	s	w	4-6	y	n	jX

COM F LOC FL COL N REF

<b>APIACEAE (UMBELLIFERAE). Carrot Family</b>							
<i>Apiastrum angustifolium</i> . Wild celery. ....		h	wt	3-4	w	n	h
<i>Bowlesia incana</i> . Bowlesia. ....	j	h	w	3-4	?	n	kx
<i>Conium maculatum</i> . Poison hemlock .....	w	h	w	4-6	w	i	s
<i>Daucus pusillus</i> . American wild carrot. 1L .....	g	h	w	4-6	w	n	bX
<i>Eryngium aristulatum v hooveri</i> . Hoover's button celery. .... CNPS 1B. 1L	v	p	cv	5-8		n	bX
# <i>Eryngium spinosepalum</i> . Spiny-sepaled button celery. .... CNPS 1B	v	p	vs	4-7		n	h
<i>Lomatium caruifolium</i> . ....	vg	p	cs	3-5	y	n	t
<i>Lomatium macrocarpum</i> . Big-seed lomatium. ....	vg	h	m	4-6	y	n	kg
<i>Lomatium mohavense</i> . Desert parsley. ....	o	p	m	4-5	y	n	hX
<i>Lomatium utriculatum</i> . Common lomatium .....	GDJ	p	CWE	2-5	y	n	tX
<i>Perideridia pringlei</i> . Adobe yampah. CNPS 4.3.....	og	p	mw	4-6	w	n	hX
<i>Sanicula bipinnata</i> . Poison sanicle. 1L .....	g	p	w	4-5	y	n	bX
<i>Yabea microcarpa</i> . ....	j	h	wt	4-6	w	n	fx

**APOCYNACEAE. Dogbane Family**

# <i>Apocynum cannabinum</i> . Dogbane. ....	r	p	t	4-10		n	s
<i>Asclepias</i> previously in ASCLEPIADACEAE							
<i>Asclepias eriocarpa</i> . Kotolo. 1L.....	j	p	wt	5-10	w	n	tx
<i>Asclepias erosa</i> . Desert milkweed.....	g	p	w	4-10	w	n	hX
<i>Asclepias fascicularis</i> . Narrow-leaf milkweed. ....	g	p	cw	5-10	w	n	tX
<i>Nerium oleander</i> . Oleander. ....	i	s	w	6-9	pi	i	d

**ASCLEPIADACEAE. See APOCYNACEAE**

**ASTERACEAE. Sunflower Family**

<i>Achillea millefolium</i> . Yarrow. ....	g	h	cet	4-9	w	n	tX
<i>Achyrochaena mollis</i> . Blow-wives .....	g	h	cet	3-6	y	n	tX
<i>Acroptilon repens (Centaurea r.)</i> Russian knapweed. .... 1L. Extirpated?	g	p	w	5-9	w	i	bX
<i>Agoseris grandiflora</i> . Giant mountain dandelion, 1L .....	g	p	c	4-7	y	n	k <sup>3</sup> X
<i>Agoseris heterophylla</i> . Mountain dandelion. ....	g	h	wcT	5-6	y	n	bX
<i>Agoseris retrorsa</i> . Spear-leaf mountain dandelion .....	go	p	cem	4-8	y	n	h
<i>Ambrosia acanthicarpa</i> . Annual bur-sage. ....	W	h	C	7-12	y	n	kX
<i>Ambrosia salsola (Hymenoclea s.)</i> Common burrobrush, .... cheesebush.	d	s	wte	2-6	w	n	tX
<i>Ancistrocarphus filagineus. (Stylocline f.)</i> Woolly fishhooks.....	jd	h	mt	3-6		n	tX
<i>Anisocoma acaulis</i> . Scale bud. ....	od	h	m	3-6	y	n	hX
<i>Anthemis cotula</i> . Mayweed .....	w	h	c	4-8	wy	i	hts

	COM	F	LOC	FL	COL	N	REF
<i>Artemisia californica</i> . Calif. sagebrush .....	DJO	s	W	8-11		n	tX
<i>Artemisia douglasiana</i> . Mugwort. ....	r	p	w	5-11		n	vX
<i>Artemisia dracunculus</i> . Tarragon.....	js	p	wc	8-10		n	bX
<i>Artemisia tridentata</i> . Sagebrush. 1L.....	d	s	<u>c</u>	9-11		n	X
<i>Baccharis glutinosa</i> ( <i>B. douglasii</i> ). Marsh baccharis. ....	r	p	w	7-10	w	n	bX
<i>Baccharis pilularis</i> . Coyote brush.....		s	wv	7-12	w	n	vX
<i>Baccharis salicifolia</i> . Mule fat. ....	r	s	ctw	all	w	n	cX
# <i>Blennosperma nanum</i> v <i>nanum</i> . Yellow carpet.....	asv	h	vc	1-5	y	n	tx
<i>Blepharizonia laxa</i> ( <i>B. plumosa</i> ssp <i>viscida</i> ). Big tarweed.....	g	h	xx	7-11	w	n	tX
<i>Brickellia nevinii</i> . Nevin's brickellbush.....	d	s	m	8-11	wp	n	hX
<i>Centaurea melitensis</i> . Tocalote. ....	XX	h	XX	4-7	y	i	tX
<i>Centaurea solstitialis</i> . Yellow star-thistle. ....	g	h	cw	5-10	y	i	tX
<i>Centromadia fitchii</i> ( <i>Hemizonia</i> f.) Spikeweed .....	wg	h	cv	5-11	y	n	hX
<i>Centromadia pungens</i> ssp <i>pungens</i> ( <i>Hemizonia</i> p.) Common spikeweed. ....	gw	h	cv	4-11	y	i	tX
<i>Chaenactis fremontii</i> . Fremont pincushion.....	d	h	cet	2-5	w	n	h
<i>Chaenactis glabriuscula</i> v <i>glabriuscula</i> . Yellow pincushion.....	gDj	h	EW	2-7	y	n	tX
# <i>Chaenactis glabriuscula</i> v <i>lanosa</i> . Sand buttons. ....	d	h	w <u>c</u>	3-7	y	n	hx
<i>Chaenactis stevioides</i> . Desert pincushion .....	DG	h	MTs	2-6	w	n	hX
<i>Chaenactis xantiana</i> . Fleshy pincushion. ....	o	h	m	3-7	w	n	hX
<i>Chamomilla</i> . See <i>Matricaria</i>							
<i>Chrysothamnus</i> . See <i>Ericameria</i>							
<i>Cirsium</i> ( <i>occidentale</i> ?) Thistle .....		h	wmt	5-7	rpu	n	tti
? <i>Cirsium occidentale</i> v <i>venustum</i> . Venus thistle.....		h	<u>c</u>	5-7	r	n	kx
<i>Cirsium vulgare</i> . Bull thistle. ....	rw	h	w	5-10	pu	i	bX
<i>Conyza</i> . See <i>Erigeron</i> or <i>Laennecia</i>							
<i>Coreopsis</i> . See <i>Leptosyne</i>							
<i>Corethrogyne filaginifolia</i> ( <i>Lessingia</i> f.) Calif. aster .....	dj	p	wt	7-11	py	n	tX
<i>Deinandra pallida</i> ( <i>Hemizonia</i> p.) Kern tarplant.....	gd	h	we	3-7	y	n	tX
<i>Deinandra pentactis</i> ( <i>Hemizonia</i> p.) Salinas River tarplant. ....	g	h	cw	4-10	y	n	hX
<i>Eastwoodia elegans</i> . Yellow mock aster.....	DJ	s	TMW	5-7	y	n	tX
<i>Encelia actoni</i> . ....	d	s	wm	2-7	y	n	kX
# <i>Ericameria cuneata</i> v <i>spathulata</i> . Wedgeleaf goldenbush. ....	d	s	tv	9-11	y	n	hx
<i>Ericameria linearifolia</i> . Interior (linear-leaf) goldenbush.....	DJO	s	XX	3-5	y	n	tX
<i>Ericameria nauseosa</i> ssp <i>hololeuca</i> ( <i>Chrysothamnus</i> n.)..... White rabbitbrush.	d	s	wt	8-11	y	n	tX
<i>Ericameria nauseosa</i> ssp <i>mohavensis</i> ( <i>Chrysothamnus</i> n.)..... Mojave rabbitbrush.	Oj	s	Mw	8-10	y	n	tX
<i>Erigeron canadensis</i> ( <i>Conyza</i> ). Horseweed. ....	w	h	cw	all		n	cX
<i>Erigeron foliosus</i> v <i>foliosus</i> . Leafy fleabane. ....	g	p	w	5-8	b	n	bX

	COM	F	LOC	FL	COL	N	REF
<i>Eriophyllum confertiflorum</i> . Golden yarrow .....	DJO	s	WMT	4-8	y	n	tX
<i>Eriophyllum multicaule</i> . Many-stem woolly sunflower. ....	j	h	wm	3-7	y	n	tX
<i>Eriophyllum pringlei</i> . Pringle's woolly sunflower. ....	dg	h	tw	2-7	y	n	hX
<i>Filago</i> . See <i>Logfia</i>							
<i>Gnaphalium</i> . See also <i>Pseudognaphalium</i>							
<i>Gnaphalium palustre</i> . Western marsh cudweed.....	v	h	w	5-10	w	n	bX
<i>Grindelia camporum</i> . Gumplant. ....	w	h	ct	5-11	y	n	bX
<i>Gutierrezia californica</i> . Calif matchweed, snakeweed .....	DJO	s	XX	7-11	y	n	tX
<i>Hazardia stenolepis</i> . Goldenbush.....	gd	s	w	9-11	y	n	hX
<i>Helianthus annuus</i> . Sunflower .....	wg	h	c	6-10	y	n	tX
<i>Hemizonia</i> . See <i>Deinandra</i> , <i>Centromadia</i>							
<i>Heterotheca sessiliflora ssp echioides</i> . Sessile-flower .....	gd	p	wt	7-10	y	n	bX
goldenaster							
<i>Holocarpha heermanii</i> . Heerman's tarplant .....	d	h	w	5-11	y	n	g
<i>Hymenoclea</i> . See <i>Ambrosia</i>							
<i>Hypochaeris glabra</i> . Smooth cat's ear. ....	w	h	w	3-6	y	i	tiX
<i>Hypochaeris radicata</i> . Rough cat's ear. ....	w	p	c	4-7	y	i	cX
<i>Isocoma acradenia v bracteosa</i> . Alkali goldenbush. ....	XX	s	XX	8-11	y	n	tX
<i>Lactuca serriola</i> . Prickly lettuce. ....	GW	h	C	5-10	y	i	tX
<i>Laennecia coulteri (Conyza c.)</i> Coulter's horseweed.....	gw	h	scw	5-11	w	n	tX
<i>Lagophylla ramosissima</i> . Hareleaf.....	GD	h	XX	4-10	y	n	tX
<i>Lasthenia debilis</i> . Greene's goldfields.....	d	h	t	3-5	y	n	h
<i>Lasthenia ferrisiae</i> . Ferris' goldfields. CNPS 4.2.....	AS	h	S	2-5	y	n	hX
<i>Lasthenia fremontii</i> . Fremont's goldfields. ....	asv	h	s	3-5	y	n	h
<i>Lasthenia glabrata ssp coulteri</i> . Coulter's goldfields. CNPS 1B.1	v	h	c	4-5	y	n	h <sub>s</sub>
<i>Lasthenia gracilis (L. calif.)</i> Common goldfields.....	XX	h	XX	2-6	y	n	hX
<i>Lasthenia microglossa</i> . Small-ray goldfields. ....	o	h	m	3-5	y	n	hX
<i>Lasthenia minor</i> . Coastal goldfields. ....	g	h	c	3-6	y	n	hX
<i>Layia glandulosa</i> . White layia. ....	o	h	m	2-7	y	n	hX
<i>Layia heterotricha</i> . Pale-yellow layia. CNPS 1B.1.....	kg	h	wtm	4-6	y	n	hX
<i>Layia munzii</i> . Munz's tidy tips. CNPS 1B.2.....	ASg	h	Sct	3-4	yw	n	tX
<i>Layia pentachaeta ssp albida</i> . White Sierra layia .....	xx	h	sct	3-5	wy	n	tx
<i>Layia pentachaeta ssp pentachaeta</i> . Sierra layia .....	do	h	tm	4-6	y	n	h
<i>Layia platyglossa</i> . Tidy tips .....	XX	h	XX	2-7	wy	n	tX
<i>Lepidospartum squamatum</i> . Scale-broom. ....	dj	s	wt	8-11	y	n	tX
<i>Leptosyne bigelovii (Coreopsis b.)</i> Tickseed.....	dg	h	mwc	2-6	y	n	tX
<i>Leptosyne calliopsidea (Coreopsis c.)</i> Tickseed. ....	gs	h	xx	2-6	y	n	tX
<i>Lessingia filaginifolia</i> . See <i>Corethrogyne</i>							
<i>Lessingia glandulifera (L. lemmonii)</i> . ....	od	h	mw	5-10	y	n	hx

	COM	F	LOC	FL	COL	N	REF
<i>Lessingia pectinata</i> v <i>tenuipes</i> ( <i>L. glandulifera</i> ). Valley lessingia	g	h	ct	5-10	y	n	hX
# <i>Lessingia tenuis</i> . Spring lessingia. CNPS 4.3.	gd	h	w	5-7	ypu	n	h
<i>Logfia filaginoides</i> ( <i>Filago californica</i> ). Calif. cottonrose.	gd	h		2-5		n	s
<i>Logfia gallica</i> ( <i>Filago g.</i> ) Daggerleaf cottonrose	g	h	c	3-7		i	eX
<i>Madia elegans</i> . Common madia.	od	h	m	4-6	y	n	hX
<i>Madia radiata</i> . Showy golden madia. CNPS1B.1	g	h	w	3-5	y	n	bx
<i>Malacothrix californica</i> . Calif. desert dandelion.	gd	h	c	3-5	y	n	tX
<i>Malacothrix coulteri</i> . Snake's-head	xx	h	xx	3-5	wy	n	tX
<i>Malacothrix floccifera</i> . Desert dandelion	d	h	w	3-11	y	n	bx
<i>Malacothrix glabrata</i> . Desert dandelion.	dg	h	we	3-6	y	n	t
# <i>Malacothrix saxatilis</i> .		p	t	4-8	w	n	tk
<i>Matricaria discoidea</i> ( <i>Chamomilla suaveolens</i> ). Pineapple weed	w	h	c	2-8	y	i	tX
<i>Matricaria occidentalis</i> ( <i>Chamomilla o.</i> ) Valley mayweed	avs	h	s	3-8	y	n	hX
<i>Micropus californicus</i> v <i>californicus</i> . Cottontop.	g	h	tw	3-6		n	fX
<i>Microseris campestris</i> . San Joaquin microseris	g	h	ec	4-6	wy	n	tX
<i>Microseris douglasii</i> . Douglas's microseris	ga	h	ce	3-6	wy	n	t
<i>Microseris elegans</i> . Elegant microseris.	g	h	ct	4-6	y	n	t
<i>Monolopia congdonii</i> . San Joaquin woolly threads. FE, CNPS 1B.2	dg	h	ce	2-5	y	n	tX
<i>Monolopia lanceolata</i> . Common hillside daisy	XX	h	XX	2-6	y	n	tX
<i>Monolopia stricta</i> . Woolly hilltop daisy.	asg	h	stw	2-5	y	n	tX
<i>Packera breweri</i> ( <i>Senecio b.</i> ) Brewer's ragwort.	g	p	wt	4-6	y	n	X
<i>Pentachaeta fragilis</i> . Fragile pentachaeta. CNPS 4.3.	o	h	m	3-6	y	n	h
<i>Pseudognaphalium beneolens</i> ( <i>Gnaphalium canesens</i> ssp <i>b.</i> ) Fragrant everlasting cudweed.	d	p	w	6-10	w	n	tiX
<i>Pseudognaphalium californicum</i> ( <i>Gnaphalium c.</i> ) Calif. everlasting.	d	h	w	4-7	w	n	bx
<i>Pseudognaphalium luteoalbum</i> ( <i>Gnaphalium l.</i> ) Weedy cudweed.	rw	h	w	4-8	w	i	kX
<i>Pseudognaphalium stramineum</i> ( <i>Gnaphalium s.</i> ) Cotton-batting cudweed.	wr	h	w	3-8	w	n	kX
<i>Psilocarphus brevissimus</i> v <i>brevissimus</i> . Dwarf woolly-heads.	sav	h	s	5-6	w	n	hX
# <i>Psilocarphus chilensis</i> ( <i>P. tenellus</i> v <i>globiferus</i> ). Round woolly marbles	v	h	c	3-7	w	n	h
# <i>Psilocarphus oregonus</i> . Oregon woolly heads	v	h	v	3-7		n	k
<i>Rafinesquia californica</i> . Calif. chicory.	xx	h	tem	4-7	w	n	bx
<i>Senecio aphanactis</i> . Chaparral ragwort. CNPS 1B.2	gd	h	e	2-5	y	n	r
<i>Senecio breweri</i> . See <i>Packera</i>							
<i>Senecio flaccidus</i> v <i>douglasii</i> . Douglas's threadleaf ragwort	d	s	w	6-10	y	n	tX

	COM	F	LOC	FL	COL	N	REF
<i>Senecio vulgaris</i> . Common groundsel.....	w	h	we	2-7	y	i	tX
<i>Solidago velutina</i> ssp <i>californica</i> ( <i>S. calif.</i> ) Calif. Goldenrod. 1L	r	p	wt	5-11	y	n	tX
<i>Sonchus asper</i> ssp <i>asper</i> . Prickly sow thistle. ....	r	h	w	any	wy	i	bX
<i>Sonchus oleraceus</i> . Common sow thistle.....	g	h	c	any	y	i	t
<i>Stebbinsoseris heterocarpa</i> . Grassland silverpuffs.....	g	h	t	4-6	wy	n	ts
<i>Stephanomeria exigua</i> ssp <i>coronaria</i> . Small wire lettuce.....	GDW	h	MET	6-11	p	n	tX
<i>Stephanomeria pauciflora</i> . Wire lettuce. ....	d	p	e	3-11	p	n	tX
<i>Stylocline gnaphaloides</i> . Everlasting nest straw. ....	g	h	tw	3-5	w	n	tX
<i>Uropappus lindleyi</i> . Silver puffs.....	XX	h	XX	3-5	w	n	hX
<i>Xanthium spinosum</i> . Spiny cocklebur. 1L.....	rw	h	tc	7-10		n	tX
<i>Xanthium strumarium</i> . Cocklebur.....	rw	h	wet	7-10		n	tX

#### BERBERIDACEAE. Barberry Family

<i>Berberis</i> sp. Oregon grape. 2003.....		s	m			n	d
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#### BORAGINACEAE. Borage Family.

(*Emmenanthe*, *Eucrypta*, *Nama*, *Nemophila*, *Phacelia*, and *Pholistoma* formerly in HYDROPHYLLACEAE)

? <i>Amsinckia douglasiana</i> . Douglas's fiddleneck. CNPS 4.2. ....	gdj	h	tws	3-6	yo	n	ts
<i>Amsinckia furcata</i> ( <i>A. vernicosa</i> v <i>f.</i> ) Forked fiddleneck. ....	d	h	e	3-5	o	n	hX
CNPS 4.2							
<i>Amsinckia intermedia</i> ( <i>A. menziesii</i> v <i>i.</i> ) Common fiddleneck..	XX	h	XX	3-6	yo	n	tx
<i>Amsinckia lycopsoides</i> . Bugloss-flowered fiddleneck.....	gw	h	wc	3-6	y	n	hrx
<i>Amsinckia menziesii</i> . Small-flowered fiddleneck.....	g	h	ctw	5-7	y	n	tX
<i>Amsinckia tessellata</i> v <i>gloriosa</i> . Carrizo fiddleneck.....	gw	h	wc	3-6	yo	n	ks
<i>Amsinckia tessellata</i> v <i>tessellata</i> . Desert fiddleneck.....	Dgw	h	TE	2-6	yo	n	tX
<i>Amsinckia vernicosa</i> . Waxy fiddleneck..	gd	h	met	3-5	yo	n	bX
<i>Cryptantha barbiger</i> . ....	d	h	tem	2-6	w	n	hX
<i>Cryptantha circumscissa</i> . ....	d	h	ewm	3-8	w	n	hX
<i>Cryptantha clokeyi</i> . Clokey's cryptantha. CNPS 1B.1.....	d	h	em	4-5	w	n	r
? <i>Cryptantha clokeyi/nevadensis</i> .....	d	h	t	3-7	w	n	cX
<i>Cryptantha decipiens</i> . Gravel cryptantha. 1L.....	d	h	wc	3-5	w	n	hX
<i>Cryptantha flaccida</i> . Weak-stemmed cryptantha.....	d	h	wt	4-7	w	n	hX
<i>Cryptantha intermedia</i> .....	GD	h	XX	5-7	w	n	tX
<i>Cryptantha muricata</i> . Pointed cryptantha.....	dg	h	mc	3-7	w	n	hX
<i>Cryptantha nemaclada</i> . Colusa cryptantha.....	OD	h	Mt	4-6	w	n	hX
<i>Cryptantha nevadensis</i> . Nevada cryptantha.....	do	h	tm	3-7	w	n	kX
<i>Cryptantha oxygona</i> . Sharp-nut cryptantha.....	d	h	twm	3-7	w	n	hX
<i>Cryptantha pterocarya</i> . Wing-nut cryptantha.....	d	h	tm	3-7	w	n	hks
<i>Emmenanthe penduliflora</i> . Whispering bells. ....	dw	h	wt	4-7	c	n	tX



	COM	F	LOC	FL	COL	N	REF
<i>Eucrypta chrysanthemifolia</i> v <i>chrysanthemifolia</i> .....	o	h	w	3-6	w	n	bx
Common eucrypta							
<i>Heliotropium curassavicum</i> v <i>oculatum</i> . Alkali heliotrope .....	xx	p	xx	2-10	w	n	tX
<i>Nama californicum</i> . California nama .....	od	h	mt	4-6	wp	n	hX
<i>Nemophila menziesii</i> . Baby blue-eyes. ....	XX	h	XX	2-7	b	n	tX
<i>Pectocarya heterocarpa</i> . Mixed-nut pectocarya.....	d	h	t	2-5	w	n	hk
<i>Pectocarya penicillata</i> . Northern pectocarya.....	XX	h	XX	2-5	w	n	tX
<i>Pectocarya setosa</i> . Round-nut pectocarya.....	dj	h	mt	3-6	w	n	tX
<i>Phacelia affinis</i> . Purple-bell phacelia. ....	o	h	m	3-6	wp	n	h
? <i>Phacelia cicutaria</i> v <i>hispida</i> . Caterpillar phacelia. ....	wd	h	mt	2-6	p	n	s
<i>Phacelia ciliata</i> . Valley phacelia .....	G	h	XX	2-6	pu	n	tX
<i>Phacelia cryptantha</i> . Hidden-flower phacelia. ....	d	h	et	3-5	wp	n	h
<i>Phacelia distans</i> . Distant phacelia .....	d	h	xx	3-5	bw	n	tX
<i>Phacelia douglasii</i> . Douglas phacelia .....	dg	h	mt	3-5	pbw	n	tX
<i>Phacelia egena</i> . Kaweah River phacelia.....	d	p	w	4-7	w	n	t
<i>Phacelia fremontii</i> . Fremont's phacelia .....	gdj	h	met	3-6	bpy	n	tX
<i>Phacelia imbricata</i> ssp <i>imbricata</i> . Rock phacelia .....	d	p	w	4-7	w	n	bX
<i>Phacelia ramosissima</i> . Branching phacelia .....	d	p	w	4-10	pw	n	bX
<i>Phacelia tanacetifolia</i> . Tansy-leaf phacelia.....	GDj	h	MWT	3-5	b	n	tX
<i>Phacelia vallis-mortae</i> . Death Valley phacelia.....	d	h	te	5-6	pw	n	tX
<i>Pholistoma membranaceum</i> . White fiesta flower .....	DJ	h	XX	2-5	w	n	hX
<i>Plagiobothrys acanthocarpus</i> . Adobe popcorn flower .....	vg	h	c	3-5	w	n	tX
<i>Plagiobothrys arizonicus</i> . Arizona popcorn flower.....	dsg	h	wet	2-5	w	n	tx
<i>Plagiobothrys canescens</i> . Valley popcorn flower. ....	G	h	XX	3-6	w	n	tX
<i>Plagiobothrys infectivus</i> . Dye popcorn flower.....	g	h	w	3-5	w	n	r
<i>Plagiobothrys leptocladus</i> . Alkali plagiobothrys .....	vsa	h	s	3-7	w	n	hX
<i>Plagiobothrys tenellus</i> . Pacific popcorn flower.....	d	h	w	3-6	w	n	bX

**BRASSICACEAE.** Mustard Family

<i>Arabis</i> . See <i>Boechera</i>							
<i>Athysanus pusillus</i> . Dwarf athysanus.....	d	h	wt	2-6	w	n	tX
<i>Athysanus unilateralis</i> ( <i>Heterodraba u.</i> ) One-sided athysanus .sg	h	st	2-5	w	n	tX	
<i>Boechera pulchra</i> ( <i>Arabis p.</i> ) Beautiful rock cress .....	d	p	m	3-6	p	n	hX
<i>Capsella bursa-pastoris</i> . Shepherd's purse.....	sg	h	xx	1-10	w	i	tx
<i>Cardaria</i> . See <i>Lepidium</i>							
<i>Caulanthus anceps</i> ( <i>Guillenia lemmonii</i> ) Lemmon's mustard ...	gs	h	cst	3-5	p	n	hX
<i>Caulanthus californicus</i> . Calif. jewelflower. FE, CE, CNPS 1B.1 .gd	h	w	2-4	pw	n	t	
<i>Caulanthus coulterii</i> . Coulter's jewelflower.....	dg	h	t	3-7	pw	n	h
<i>Caulanthus inflatus</i> . Desert candle. ....	gd	h	cmt	3-5	rpu	n	tX
<i>Caulanthus lasiophyllus</i> ( <i>Guillenia l.</i> ) Calif. mustard.....	xx	h	xx	3-6	w	n	tX

	COM	F	LOC	FL	COL	N	REF
<i>Caulanthus lemmonii</i> ( <i>C. coulteri</i> v l.) ..... j Lemmon's jewelflower 1B.2		h	wm	3-5	puw	n	hX
<i>Descurainia pinnata</i> . Tansy mustard. .... gws		h	cs	2-7	y	n	tX
<i>Descurainia sophia</i> . Flixweed tansy mustard..... wg		h	ec	5-8	y	i	tx
<i>Draba verna</i> . Spring whitlow grass. 1L, ..... w		h	c	2-5	w	n	bX
<i>Erysimum capitatum</i> . Western wallflower. .... go		p	cm	3-9	y	n	cX
<i>Guillenia</i> . See <i>Caulanthus</i>							
<i>Heterodraba</i> . See <i>Athysanus</i>							
<i>Hirschfeldia incana</i> . Perennial mustard..... GW		p	CWt	4-10	y	i	tX
<i>Hornungia procumbens</i> ( <i>Hutchinsia p.</i> ) . .... asd		h	s	2-7	w	n	tX
<i>Lepidium acutidens</i> ( <i>Lepidium dictyotum</i> v a.) ..... AGs Sharp-toothed peppergrass		h	St	2-4	w	n	t
<i>Lepidium dictyotum</i> . Alkali peppergrass..... AGs		h	Sct	3-6	w	n	teX
? <i>Lepidium draba</i> ( <i>Cardaria d.</i> ) Heart-podded hoary cress..... g 1L Extirpation proceeding '04		p	w	4-8	w	i	bX
<i>Lepidium jaredii</i> . Jared's peppergrass. CNPS 1B.2. .... as		h	s	3-4	y	n	tX
<i>Lepidium lasiocarpum</i> ssp <i>lasiocarpum</i> . .... xx Hairy-fruit peppergrass		h	sc	3-6	w	n	h
<i>Lepidium nitidum</i> . Shining peppergrass..... XX		h	XX	2-3	w	n	tX
<i>Nasturtium officinale</i> ( <i>Rorippa nasturtium-aquaticum</i> ). .... r Water cress. 1L		p	w	3-11	w	n	bX
<i>Rorippa</i> . See <i>Nasturtium</i>							
<i>Sinapis arvensis</i> . Charlock. .... gw		h	cw	3-10	y	i	tX
<i>Sisymbrium altissimum</i> . Tumble mustard. .... gw		h	c	5-7	y	i	hX
<i>Sisymbrium irio</i> . London rocket. .... gw		h	c	1-4	y	i	tX
<i>Sisymbrium orientale</i> . Oriental mustard. .... gw		h	cv	5-6	y	i	kX
<i>Stanleya pinnata</i> v <i>pinnata</i> . Prince's plume. .... d		p	xx	4-9	y	n	tX
<i>Thysanocarpus curvipes</i> . Fringe-pod, lacepod ..... od		h	wm	2-6	w	n	hX
<i>Thysanocarpus laciniatus</i> . Fringe-pod. .... gd		h	wt	3-5	wp	n	t
<i>Tropidocarpum gracile</i> . Slender tropidocarpum..... XX		h	XX	3-5	y	n	tX

#### CACTACEAE. Cactus Family

<i>Cylindropuntia californica</i> v <i>parkeri</i> ( <i>Opuntia parryi</i> ). .... g Cane cholla. 1L		s	w	4-7	y	n	bX
<i>Opuntia</i> sp. Prickly pear. .... i		s	w			i	d

#### CAMPANULACEAE. Bellflower Family

<i>Nemacladus californicus</i> ( <i>Parishella c.</i> ) Calif. parishella ..... dg		h	m	4-5	w	n	hX
<i>Nemacladus twisselmanii</i> . Twisselman's nemacladus. .... j CNPS 1B.2. 1L		h	m	spr	w	n	b

**CAPPARACEAE.** See CLEOMACEAE**CAPRIFOLIACEAE.** Honeysuckle Family

<i>Lonicera subspicata</i> v <i>denudata</i> . Southern honeysuckle .....	jod	v	mw	6-7	y	n	hX
<i>Sambucus</i> . See ADOXACEAE							

**CARYOPHYLLACEAE.** Pink Family

<i>Herniaria hirsuta</i> v <i>cineria</i> . Rupturewort.....	gd	h	c	4-9	w	i	cX
<i>Loeflingia squarrosa</i> . Spreading pygmy-leaf.....	d	h	e	4-6		n	s
<i>Minuartia douglasii</i> . Douglas' stitchwort. ....	d	h	w	3-6		n	kx
<i>Spergula arvensis</i> . Stickwort.....	as	h	s	3-6	w	i	c
<i>Spergularia atrosperma</i> . Black-seed sand spurrey. ....	ag	h	sw	6-8	w	n	hX
<i>Spergularia marina</i> . Saltmarsh sand spurrey. ....	as	h	sc	3-9	w	n	tX
<i>Spergularia rubra</i> . Red sand spurrey. 1L.....	w	h	c	4-9	pi	i	bX
<i>Stellaria media</i> . Common chickweed. 1L.....	r	h	w	2-9	w	i	X
<i>Stellaria nitens</i> . Shining chickweed.....	gd	h	ce	3-5		n	tX

**CHENOPODIACEAE.** Goosefoot Family

<i>Allenrolfea occidentalis</i> . Iodine bush. ....	A	s	S	6-8		n	tX
<i>Atriplex argentea</i> (v <i>expansa</i> ?) Silverscale, fogweed.....	ASG	h	SC	7-11		n	kX
<i>Atriplex canescens</i> ssp <i>canescens</i> . 4-wing saltbush .....	sd	s	ce	6-8		n	hX
<i>Atriplex confertifolia</i> . Shadscale. ....	d	s	mw	4-7		n	jX
? <i>Atriplex cordulata</i> . Heartscale. 1B.2.....	a	h	s			n	r
<i>Atriplex coronata</i> v <i>coronata</i> . Crownscale. CNPS 4.2.....	as	h	sc	3-10		n	bX
<i>Atriplex coronata</i> v <i>vallicola</i> (A. v.) Lost Hills crownscale.....	as	h	s	4-9		n	tX
CNPS 1B.2.							
<i>Atriplex covillei</i> (A. <i>phyllostegia</i> ). Coville's orach .....	sad	h	cw	4-8		n	kgX
<i>Atriplex fruticulosa</i> . Ballscale.. .....	asg	p	cew	4-11		n	tX
<i>Atriplex lentiformis</i> . Big saltbush, (quailbush). ....	d	s	wm	7-10		n	hX
<i>Atriplex polycarpa</i> . Allscale, saltbush. ....	SD	s	XX	7-10		n	tX
<i>Atriplex rosea</i> . Tumbling orach. ....	was	h	s	7-10		i	tX
<i>Atriplex serenana</i> . Bractscale. ....	gv	h	tw	4-10		n	tg
<i>Atriplex spinifera</i> . Spiny saltbush. ....	SAd	s	SCe	4-6		n	tX
<i>Atriplex suberecta</i> . Sprawling saltbush.....	sw	h	s	3-6		i	bX
<i>Bassia hyssopifolia</i> . 5-hooked bassia. Eradicated? .....	ws	h	t	5-10		i	bX
<i>Chenopodium album</i> . Lamb's quarters.....	wg	h	xx	6-10		i	t
<i>Chenopodium californicum</i> . Calif. goosefoot. ....	gd	p	tw	3-9		n	tX
<i>Grayia spinosa</i> . Hop-sage. ....	dj	s	wt	3-6		n	hX
<i>Krascheninnikovia lanata</i> . Winterfat .....	DJ	s	ETW	5-7	w	n	hX

	COM	F	LOC	FL	COL	N	REF
<i>Monolepis nuttalliana</i> . Nuttall's poverty weed .....	sa	h	s	4-9		n	hX
<i>Salsola tragus</i> . Tumbleweed, Russian thistle.....	GW	h	XX	7-10		i	tX
<i>Suaeda nigra</i> ( <i>S. moquini</i> ). Bush seepweed. ....	as	s	s	5-9		n	tX

#### CLEOMACEAE (CAPPARACEAE)

<i>Peritoma arborea</i> ( <i>Isomeris a.</i> ) Bladderpod .....	dg	s	wt	any	y	n	tX
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#### CONVOLVULACEAE. Morning-glory Family

<i>Convolvulus arvensis</i> . Orchard morning glory, bindweed .....	wg	p	c	3-10	w	i	tx
<i>Cressa truxillensis</i> . Alkali weed. ....	as	p	s	5-10	w	n	tX
<i>Cuscuta californica</i> . Chaparral dodder. parasite.....	d	v	w			n	tX

#### CRASSULACEAE. Stonecrop Family

<i>Crassula aquatica</i> . Water pygmy weed .....	v	h	vs	3-6		n	<u>k</u>
<i>Crassula connata</i> . Pygmy weed. ....	dvg	h	ew	2-5		n	cX
# <i>Crassula tillaea</i> . Moss pygmyweed. ....	d	h	v	2-5		i	<u>k</u>
<i>Dudleya lanceolata</i> . Lance-leaved dudleya .....	d	p	w	4-7	yr	n	bX

#### CUCURBITACEAE. Gourd Family

<i>Cucurbita foetidissima</i> . Buffalo gourd .....	sdg	v	c	6-8	y	n	hX
<i>Cucurbita palmata</i> . Coyote melon. ....	gdj	v	wct	4-9	y	n	hX
<i>Marah fabacea</i> . Calif. man-root.....	djo	v	wme	2-4	w	n	hX

#### CUSCUTACEAE. See CONVOLVULACEAE

#### ERICACEAE. Heath Family

<i>Arctostaphylos glauca</i> . Bigberry manzanita. ....	jo	s	wm	12-3	w	n	tX
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#### EUPHORBIACEAE. Spurge Family

<i>Chamaesyce ocellata ssp ocellata</i> Prostrate spurge .....	gd	h	xx	5-9		n	tX
<i>Croton setigerus</i> ( <i>Eremocarpus s.</i> ) Turkey mullein, doveweed..	WG	h	XX	5-10		n	tX
<i>Euphorbia spathulata</i> . Spoon-leaf spurge .....	gwd	h	w	3-6		n	g

#### FABACEAE. Legume Family (Pea Family)

<i>Acmispon brachycarpus</i> ( <i>Lotus humistratus</i> ). Hill lotus .....	dg	h	wt	3-6	y	n	tX
<i>Acmispon glaber</i> ( <i>Lotus scoparius</i> ). Deerweed. ....	d	s	wt	3-8	y	n	tX
<i>Acmispon maritimus</i> ( <i>Lotus salsuginosus</i> ). Coastal lotus.....	d	h	tw	3-6	y	n	hX
<i>Acmispon strigosus</i> ( <i>Lotus s.</i> ) Bishop's lotus .....	d	h	ew	3-6	y	n	hX
<i>Acmispon wrangelianus</i> ( <i>Lotus w.</i> ) Calf lotus .....	XX	h	XX	3-6	y	n	tX
<i>Astragalus asymmetricus</i> . San Joaquin milkvetch.....	wgd	p	t	4-7	c	n	t

	COM	F	LOC	FL	COL	N	REF
<i>Astragalus didymocarpus</i> . Two-seeded milkvetch.....	gd	h	wet	2-5	pw	n	hX
# <i>Astragalus didymocarpus v dispermus</i> . Two-seeded milkvetch	d	h	v	2-5	pw	n	h
<i>Astragalus douglasii v douglasii</i> . Douglas milkvetch .....	gd	p	cwt	4-7	c	n	tX
? <i>Astragalus lentiginosus v idriensis</i> . Idria milkvetch.....	g	p	t	4-6	p	n	h
<i>Astragalus lentiginosus v nigricalycis</i> . Freckled or black- haired milkvetch.	gdj	p	xx	2-5	c	n	tX
<i>Astragalus macrodon</i> . Salinas milkvetch. CNPS 4.3 .....	d	p	tMw	4-6	c	n	h
<i>Astragalus oxyphysus</i> . Stanislaus milkvetch. ....	SDG	p	CEW	3-6	c	n	tX
<i>Glycyrrhiza lepidota</i> . Wild licorice. ....	rw	p	w	5-7	y	n	d
<i>Lotus</i> . See <i>Acmispon</i>							
<i>Lupinus albifrons</i> . Bush lupine. ....	djg	s	wt	3-6	p	n	tX
<i>Lupinus bicolor</i> . Miniature lupine. ....	Gd	h	Cet	3-6	b	n	tX
# <i>Lupinus concinnus</i> . Bajada lupine. ....	w	h	v <sub>c</sub>	3-5	pub	n	hx
<i>Lupinus microcarpus v horizontalis</i> . Chick lupine .....	GD	h	TE	4-5	p	n	hX
<i>Lupinus microcarpus v microcarpus</i> . Chick lupine .....	G	h	XX	3-6	ppi	n	tX
<i>Lupinus nanus</i> . Sky lupine. ....	gw	h	etc	3-6	b	n	tX
<i>Lupinus succulentus</i> . Arroyo lupine.....	g	h	w	2-5	bp	n	mX
<i>Medicago polymorpha</i> . Calif. burclover .....	gw	h	w	3-7	y	i	tx
<i>Mellilotus indicus</i> . Sourclover. ....	w	h	c	4-10	y	i	X
<i>Prosopis glandulosa v torreyana</i> . Honey mesquite .....		s	e	4-8		n	l
<i>Robinia pseudoacacia</i> . Black locust. ....	i	t	cw	5-6	w	i	b
<i>Trifolium albopurpureum</i> . Rancheria clover .....	G	h	CWt	3-6	p	n	tX
<i>Trifolium depauperatum</i> . Cowbag clover .....	g	h	c	3-6	p	n	bX
<i>Trifolium depauperatum v depauperatum</i> . Dwarf sack clover	gs	h	sv	3-5	pw	n	tX
<i>Trifolium depauperatum v truncatum</i> . Truncate sack clover .....	gvw	h	c	4-6	p	n	bX
<i>Trifolium dichotomum</i> . ....	g	h	w	4-6	pw	n	hX
<i>Trifolium fragiferum</i> . Strawberry clover. 1L.....	gr	p	w	5-8	p	i	bX
<i>Trifolium gracilentum</i> . Pinpoint clover .....	XX	h	XX	3-6	pu	n	tX
<i>Trifolium olivaceum (T. albopurpureum v o.)</i> Olive clover.....	g	h	c	4-5	p	n	sX
<i>Trifolium willdenovii</i> . Tomcat clover. ....	g	h	wt	3-6	p	n	tX
<i>Vicia benghalensis</i> . Purple vetch. ....	wg	h	c	3-6	p	i	sX
<i>Vicia hassei</i> . Slender vetch. ....		h		3-5	pw	n	d

#### FAGACEAE. Oak Family

<i>Quercus x alvordiana</i> . ....	o	ts	w	1-3		n	kX
<i>Quercus douglasii</i> . Blue oak. ....	odj	t	mwt	4-5		n	tX
<i>Quercus john-tuckeri</i> . Tucker's oak .....	O	s	Mt	2-4		n	tX

#### FRANKENIACEAE. Frankenia Family

COM F LOC FL COL N REF

<i>Frankenia salina</i> . Alkali heath .....	AS	s	S	4-9	p	n	tX
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**GARRYACEAE.** Silk Tassel Family

<i>Garrya flavescens</i> . Ashy silk tassel .....	o	s	m	2-4		n	hX
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**GENTIANACEAE.** Gentian Family

<i>Zeltnera exaltata</i> ( <i>Centaurium e.</i> ) Tall centaury.....	r	h	w	5-8	p	n	jX
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**GERANIACEAE.** Geranium Family

<i>California macrophylla</i> ( <i>Erodium m.</i> ) Round-leaf filaree..... CNPS 1B.1	gj	h	cmt	3-7	w	n	tX
<i>Erodium botrys</i> . Long-beak filaree.....	g	h	c	3-7	p	i	c
<i>Erodium brachycarpum</i> . Short-fruit filaree.....	g	h	c	3-7	p	i	bX
<i>Erodium macrophylla</i> . See <i>California m.</i>							
<i>Erodium cicutarium</i> . Red-stem filaree .....	XX	h	XX	2-9	p	i	tX
<i>Erodium moschatum</i> . Greenstem filaree. ....	v	h	w	2-9	p	i	sg

**GROSSULARIACEAE.** Gooseberry Family

<i>Ribes quercetorum</i> . Oakwoods gooseberry.....	d	s	w	2-4	y	n	hX
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**HYDROPHYLLACEAE.** See BORAGINACEAE

**LAMIACEAE.** Mint Family

<i>Acanthomintha obovata</i> ssp <i>cordata</i> . Heart-leaved thornmint	h	mc		4-7	w	n	bX
<i>Marrubium vulgare</i> . Horehound.....	WXX	p	XX	3-11	w	i	tX
<i>Mentha arvensis</i> . Field mint.....	r	h		7-10	wp	n	c
<i>Monardella breweri</i> . Brewer's monardella.....	jo	h	wm	5-8	p	n	hX
<i>Salvia carduacea</i> . Thistle sage. ....	Dgj	h	WET	3-5	p	n	tX
<i>Salvia columbariae</i> . Chia.....	d	h	wt	3-6	bpu	n	tX
<i>Salvia leucophylla</i> . Purple sage. ....	DJ	s	WM	4-6	p	n	hX
<i>Salvia mellifera</i> . Black sage. ....	dj	s	tw	3-6	w	n	hX
<i>Stachys albens</i> . White hedge nettle. ....	r	p	w	5-10	w	n	mX
<i>Trichostema lanceolatum</i> . Vinegar weed .....	GW	h	XX	6-11	b	n	tX
<i>Trichostema ovatum</i> . San Joaquin bluecurls. CNPS 4.2.....	g	h	c	7-10	b	n	hX

**LOASACEAE.** Loasa Family

<i>Mentzelia affinis</i> . Yellow blazing star. ....	XX	h	XX	4-5	y	n	tX
<i>Mentzelia albicaulis</i> . White-stem blazing star .....	do	h	m	3-7	w	n	hX
<i>Mentzelia dispersa</i> . Scattered blazing star. ....	dgw	h	ct	5-8	y	n	t
<i>Mentzelia gracilentia</i> . Slender blazing star. ....	do	h	m	4-5	y	n	h

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<i>Mentzelia laevicaulis</i> . Smooth-stem or giant blazing star. 1L.....	d	p	w	5-10	y	n	bX
<i>Mentzelia pectinata</i> . San Joaquin blazing star.....	DG	h	TMe	3-5	o	n	tX

**MALVACEAE.** Mallow Family

<i>Eremalche exilis</i> . White mallow.....	d	h	t	3-5	w	n	h
<i>Eremalche parryi</i> . Parry's mallow.....	DXX	h	XX	3-5	p	n	tX
<i>Eremalche parryi</i> ssp <i>kernensis</i> . Kern mallow. CNPS 1B.1. ....	s	h		3-5	pw	n	h
<i>Malva parviflora</i> . Cheeseweed.....	gw	h	c	3-5	w	i	h
<i>Malvella leprosa</i> . Alkali-mallow. ....	gav	h	ws	4-11	w	n	cX

**MELIACEAE.** Mahogany Family

<i>Melia azedarach</i> . China berry. ....	i	t	c			i	bX
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**MONTIACEAE** (Previously in PORTULACACEAE)

<i>Calandrinia ciliata</i> . Red maids.....	gdj	h	xx	2-5	r	n	tx
<i>Calyptidium monandrum</i> . Sand pussy paws.....	g	h	w	1-7	wp	n	x
<i>Claytonia exigua</i> . Pale claytonia.....	j	h	w	4-7	wpi	n	hf
<i>Claytonia exigua</i> ssp <i>exigua</i> . Pale claytonia.....	o	h	w	4-7	wpi	n	<u>k</u>
<i>Claytonia palustris</i> . Marsh claytonia. CNPS 4.3.....	d	h	t	5-8	w	n	r
<i>Claytonia parviflora</i> ssp <i>parviflora</i> . Small-flowered claytonia....	j	h	w	3-6		n	f
<i>Claytonia parviflora</i> ssp <i>viridis</i> . Green small-flowered claytonia	jd	h	wt	4-6		n	bX
<i>Claytonia perfoliata</i> . Miner's lettuce.....	DJO	h	XX	1-5	w	n	t

**MORACEAE.** Mulberry Family

<i>Maclura pomifera</i> . Osage orange. ....	i	t	c	4-6		i	v
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**MYRTACEAE.** Myrtle Family

<i>Eucalyptus polyanthemos</i> . Silver dollar gum. ....	i	t		12-2		i	v
<i>Eucalyptus tereticornis</i> . Forest red gum. ....	i	t		5-8		i	v

**NYCTAGINACEAE.** Four o'Clock Family

<i>Abronia pogonantha</i> . Mojave sand verbena.....	d	h	etm	4-7	p	n	hx
<i>Mirabilis greenei</i> . Greene's four o'clock.....	d	p	w	5-6	p	n	r
<i>Mirabilis laevis</i> v <i>crassifolia</i> ( <i>M. calif.</i> ) Wishbone bush.....	d	s	tw	12-6	p	n	hX
<i>Mirabilis multiflora</i> v <i>pubescens</i> . Four o'clock.....	d	p	t	4-8	p	n	h

**OLEACEAE.** Olive Family

<i>Forestiera pubescens</i> . Desert olive.....	r	s	wm	3-4		n	<u>s</u>
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**ONAGRACEAE.** Evening Primrose Family

<i>Camissonia</i> . See also <i>Camissoniopsis</i> , <i>Eremothera</i> , <i>Eulobus</i> , <i>Tetrapteron</i>							
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	COM	F	LOC	FL	COL	N	REF
<i>Camissonia campestris</i> ssp <i>campestris</i> . Mojave sun cup.....	GD	h	XX	3-5	y	n	hX
<i>Camissonia contorta</i> . Contorted sun cup. ....	xx	h	wet	5-6	y	n	tX
<i>Camissoniopsis hirtella</i> ( <i>Camissonia h.</i> ) .....	d	h	t	3-8	y	n	bX
<i>Camissoniopsis intermedia</i> ( <i>Camissonia i.</i> ) .....	dj	h	w	3-5	y	n	bX
<i>Camissoniopsis micrantha</i> ( <i>Camissonia m.</i> ) 1L & plant, .....	d	h	t	3-5	y	n	bX
<i>Clarkia cylindrica</i> ssp <i>cylindrica</i> . Farewell to spring .....	GDJ	h	XX	4-6	p	n	tX
<i>Clarkia modesta</i> . Modest clarkia. ....	j	h	w	4-5	p	n	k <sup>3</sup> X
<i>Clarkia purpurea</i> ssp <i>quadrivulnera</i> . Four-spot. ....	gd	h	wmt	4-8	p	n	tX
<i>Clarkia tembloriensis</i> . Temblor Range clarkia.....	gdj	h	t	4-5	p	n	vsX
<i>Clarkia unguiculata</i> . Elegant clarkia.....	dj	h	w	4-9	pi	n	tkX
<i>Clarkia xantiana</i> ssp <i>parviflora</i> . Kern Cyn clarkia. CNPS 4.2 .....	d	h	t	5-6	prw	n	r
<i>Epilobium campestre</i> ( <i>E. pygmaeum</i> , <i>Boisduvalia</i> ) .....	v	h	c	5-9	p	n	h
<i>Epilobium canum</i> ssp <i>canum</i> . Calif fuschia. ....	dj	s	wt	6-12	r	n	tX
<i>Epilobium ciliatum</i> ssp <i>ciliatum</i> . Fringed willow herb.....	r	p	w	6-10	wp	n	k <sup>3</sup>
<i>Eremothera boothii</i> ssp <i>decorticans</i> ( <i>Camissonia b.</i> ) .....	GD	h	MT	3-6	w	n	tX
Shredding evening primrose.							
<i>Eulobus californicus</i> ( <i>Camissonia c.</i> ).....	d	h	w	4-6	y	n	bX
<i>Oenothera deltoides</i> . Devil's lantern. ....	s	h	c	3-5	w	n	<u>k</u>
<i>Tetrapteron gracilliflorum</i> ( <i>Camissonia g.</i> ) Hill sun cup.....	g	h	ct	3-4	y	n	fX
<i>Tetrapteron palmeri</i> ( <i>Camissonia p.</i> ) Palmer's sun cup.....	d	h	tew	4-5	y	n	hX

#### OROBANCHACEAE. Broom-rape Family

(*Castilleja* and *Cordylanthus* previously in SCROPHULARIACEAE)

<i>Castilleja attenuata</i> . Valley tassels. ....	gd	h	tc	3-5	w	n	h
<i>Castilleja brevistyla</i> . Short-style owl's clover.....	g	h	cw	3-6	pi	n	hX
<i>Castilleja densiflora</i> ssp <i>densiflora</i> . Dense-flower owl's clover ..	g	h	c	3-5	pu	n	hX
<i>Castilleja exserta</i> ssp <i>exserta</i> . Purple owl's clover .....	GXX	h	XX	3-5	p	n	tX
<i>Castilleja foliolosa</i> . Woolly paintbrush. ....	d	p	w	3-6	r	n	fx
<i>Castilleja plagiotoma</i> . Mojave paintbrush. CNPS 4.3.....	dj	p	wmt	4-6	c	n	hX
<i>Castilleja subinclusa</i> ssp <i>subinclusa</i> . Longleaf paintbrush.....	D	p	WM	4-7	ry	n	hX
<i>Cordylanthus rigidus</i> ssp <i>rigidus</i> . Rigid bird's beak. ....	do	h	twm	6-9	y	n	tX
<i>Orobanche</i> sp. Broom-rape. ....	d	?	w	5	wy	n	sb

#### PAPAVERACEAE. Poppy Family

<i>Dendromecon rigida</i> . Bush poppy. ....		s	m	4-6	y	n	<u>s</u>
? <i>Eschscholzia caespitosa</i> . Tufted poppy .....	gd	h		3-6	y	n	tk
<i>Eschscholzia californica</i> . Calif. poppy. ....	g	h	xx	2-9	yo	n	tX
? <i>Eschscholzia hypocoides</i> . San Benito poppy .....	gd	h	t	3-6	y	n	h
<i>Eschscholzia lemmonii</i> ssp <i>lemmonii</i> . Lemmon's poppy .....	gd	h	we	3-5	yo	n	tX
# <i>Eschscholzia rhombipetala</i> . Diamond-petaled Calif. poppy g		h	cv	3-4	y	n	<u>k</u>



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CNPS 1B.1.							
<i>Papaver heterophyllum</i> ( <i>Stylomecon h.</i> ) Wind poppy.....	dj	h	wem	4-5	o	n	tX
<i>Platystemon californicus</i> . Cream cups .....	gdj	h	xx	3-5	c	n	tX
<i>Stylomecon</i> . See <i>Papaver</i>							

**PHYRMACEAE.** Lopseed Family. (Previously in SCROPHULARIACEAE)

# <i>Mimulus aurantiacus</i> . Sticky monkey flower.....	d	s	wc	3-6	yo	n	h
<i>Mimulus guttatus</i> . Seep-spring monkey flower. ....	r	h	wt	3-8	y	n	tX

**PLANTAGINACEAE.** Plantain Family.

(*Antirrhinum*, *Collinsia*, *Keckiella*, *Penstemon*, and *Veronica* formerly in SCROPHULARIACEAE)

<i>Antirrhinum ovatum</i> . Oval-leaved snapdragon. CNPS 4.2 .....	jd	h	m	5-7	p	n	hX
<i>Callitriche marginata</i> . Water starwort. ....	v	h	c	3-6		n	h
<i>Collinsia bartsiiifolia</i> v <i>davidsonii</i> . White blue-eyed Mary. ....	dg	h	et	4-6	p	n	hX
<i>Collinsia heterophylla</i> . Chinese houses. ....		h	m	3-6	wpu	n	sx
<i>Collinsia sparsiflora</i> v <i>collina</i> . Few-flowered collinsia.....	d	h	w	3-4	p	n	bX
<i>Keckiella breviflora</i> v <i>breviflora</i> . Gaping keckiella .....	dj	s	w	5-7	w	n	g
<i>Penstemon centranthifolius</i> . Scarlet bugler .....	jdo	h	wmt	4-7	r	n	tX
<i>Plantago elongata</i> . Linear-leaf plantain.....	vs	h	s	4-6		n	hX
<i>Plantago erecta</i> . Erect plantain. ....	gd	h	xx	3-5		n	tX
<i>Plantago ovata</i> . Ovate plantain. ....	d	h	e	1-4		?	tX
# <i>Veronica peregrina</i> ssp <i>xalapensis</i> . Purslane speedwell .....	vg	h	c	4-8	w	n	k

**PLATANACEAE.** Sycamore Family

<i>Platanus racemosa</i> . Western sycamore. ....	i	t	w	2-4		i	b
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**POLEMONIACEAE.** Phlox Family

<i>Allophyllum gilliioides</i> ssp <i>violaceum</i> . Violet false gilia .....	d	h	w	5-7	pu	n	bX
<i>Eriastrum densifolium</i> ssp <i>austromontanum</i> . .... Southern mountain eriastrum	d	p	m	6-8	b	n	h
<i>Eriastrum densifolium</i> ssp <i>elongatum</i> . Elongate eriastrum .....	d	p	tm	6-9	bpu	n	hX
<i>Eriastrum diffusum</i> . Diffuse eriastrum .....	d	h	m	3-6	b	n	h
<i>Eriastrum eremicum</i> ssp <i>eremicum</i> . Desert eriastrum.....	dg	h	c	4-6	b	n	h
<i>Eriastrum hooveri</i> . Hoover's eriastrum. CNPS 4.2.....	d	h	ew	3-7	w	n	hx
<i>Eriastrum pluriflorum</i> ssp <i>pluriflorum</i> . Many-flowered eriastrum. DXX		h	MWT	5-7	bpu	n	tX
# <i>Eriastrum wilcoxii</i> . Wilcox's eriastrum. ....	dj	h	v	6-8	by	n	h
<i>Gilia austro-occidentalis</i> . Southwestern gilia.....	gd	h	cm	3-5	p	n	hX
<i>Gilia capitata</i> ssp <i>abrotanifolia</i> . Globe gilia. ....	d	h	w	3-7	pb	n	bX
<i>Gilia clivorum</i> . Purplespot gilia .....	d	h	tmw	2-6	p	n	tX
<i>Gilia jacens</i> ( <i>G. brecciarum</i> ssp <i>j.</i> ) .....	gd	h	et	4-6	p	n	hX

	COM	F	LOC	FL	COL	N	REF
<i>Gilia latiflora</i> . Broad-flowered gilia. ....	od	h	mwt	3-5	wp	n	htX
<i>Gilia latiflora ssp cuyamensis</i> . Cuyama gilia. CNPS 4.3.....	od	h	mw	3-5	wp	n	sfr
<i>Gilia malior</i> . Scrub gilia. ....	DJ	h	Wmt	3-6	pu	n	hX
<i>Gilia minor</i> . Little gilia. ....	d	h	te	3-4	p	n	tX
<i>Gilia tenuiflora ssp tenuiflora</i> . Slender-flowered gilia. ....	d	h	w	3-6	p	n	bX
<i>Gilia tricolor ssp diffusa</i> . Bird's eye gilia. ....	dgj	h	tew	3-7	wp	n	h
<i>Leptosiphon bicolor (Linanthus b.)</i> True baby stars .....	g	h	t	3-6	wyr	n	t
<i>Leptosiphon liniflorus (Linanthus l.)</i> Flax-flowered leptosiphon .XX	h	XX		4-6	wpu	n	tX
<i>Leptosiphon parviflorus</i> . Small-flowered leptosiphon. ....	dg	h	wmt	3-6	yw	n	tX
<i>Leptosiphon pygmaeus ssp pygmaeus</i> . Pygmy leptosiphon ..... CNPS 1B.2.	d	h	e	4	b	n	r
<i>Linanthus</i> . See also <i>Leptosiphon</i>							
<i>Linanthus bigelovii</i> . Bigelow's linanthus. ....	dg	h	xx	3-5	w	n	hsX
<i>Linanthus dichotomus ssp dichotomus</i> . Evening snow. ....	gdj	h	xx	4-6	w	n	tX
# <i>Linanthus parryae</i> . Parry's linanthus.....	d	h	w	3-5	w	n	h
<i>Loeseliastrum schottii</i> . Schott's calico.....	d	h	wet	3-6	wp	n	hX
<i>Microsteris gracilis (Phlox g.)</i> Slender phlox .....	XX	h	XX	3-8	p	n	tX
# <i>Navarretia atractyloides</i> . Holly-leaved navarretia. ....	d	h	wc	5-7	p	n	hx
<i>Navarretia mitracarpa (N. jaredii)</i> . Mitre-fruit navarretia ..... CNPS 4.3.	gd	h	wm	5-7	b	n	sX
? <i>Saltugilia australis (Gilia a.)</i> .....	d	h	w	3-6	pw	n	s

#### POLYGONACEAE. Buckwheat Family

# <i>Aristocapsa insignis</i> . Indian Valley spineflower. CNPS 1B.2....	dj	h	wv	5-6	wp	n	h
<i>Centrostegia thurberi</i> . Red triangles. ....	d	h	m	3-7	wp	n	hX
<i>Chorizanthe angustifolia</i> . Narrow-leaf spineflower.....	d	h		4-7	wpi	n	s
# <i>Chorizanthe biloba</i> . Two-lobe spineflower.....	dj	h	v	5-8	rpu	n	hk
<i>Chorizanthe douglasii</i> . Douglas's spineflower. CNPS 4.3.....	d	h	w	4-7	wpi	n	hx
<i>Chorizanthe membranacea</i> . Pink spineflower. ....	d	h	w	4-7	pi	n	tX
<i>Chorizanthe polygonoides v longispina</i> . CNPS 1B.2..... Long-spined spineflower.	d	h	e	4-6	pi	n	s
<i>Chorizanthe polygonoides v polygonoides</i> ..... Knotweed spineflower	d	h	w	4-6	wpi	n	r
<i>Chorizanthe spinosa</i> . Mojave spineflower .....	d	h	w	4-7	w	n	g
<i>Chorizanthe uniaristata</i> . One-awn spineflower.....	dg	h	tcw	4-7	w	n	tX
<i>Chorizanthe watsonii</i> . Watson's spineflower .....	d	h	tv	4-8	y	n	h
<i>Chorizanthe xanti v xanti</i> . Pinyon spineflower .....	XX	h	XX	4-7	pir	n	hX
<i>Eriogonum angulosum</i> . Angle-stem wild buckwheat .....	XX	h	XX	5-9	piw	n	tX
<i>Eriogonum bailey v baileyii</i> . Bailey's wild buckwheat. ....	dg	h	mwt	5-10	w	n	kX
<i>Eriogonum cithariforme</i> . Cithara wild buckwheat. ....	o	h	m	5-10	wpi	n	h
<i>Eriogonum clavatum (E. trichopes v hooveri)</i> .....	xx	h	xx	5-12	y	n	hX

	COM	F	LOC	FL	COL	N	REF
Hoover's desert trumpet.							
<i>Eriogonum covilleanum</i> . Coville's wild buckwheat. ....	d	h	xx	4-8	piw	n	hX
<i>Eriogonum elongatum</i> v <i>elongatum</i> . Long-stem wild buckwheat	DJO	p	MWT	7-11	pi	n	tX
<i>Eriogonum fasciculatum</i> v <i>polifolium</i> . Mojave desert buckwheat	DJOS	s	XX	3-10	piw	n	tX
<i>Eriogonum gossypinum</i> . Cottony buckwheat. CNPS 4.2 .....	d	h	wet	4-9	wpi	n	hX
<i>Eriogonum gracillimum</i> . Rose and white wild buckwheat .....	gdjo	h	xx	6-10	piw	n	hX
<i>Eriogonum heermannii</i> v <i>heermannii</i> . Heerman's wild buckwheat	dj	s	wm	6-10	w	n	hX
<i>Eriogonum maculatum</i> . Spotted wild buckwheat .....	d	h	te	4-11	wy	n	tX
<i>Eriogonum nudum</i> . Naked-stem wild buckwheat .....	gd	p	wt	6-12	c	n	tX
<i>Eriogonum ordii</i> . Fort Mojave wild buckwheat .....	d	h	etw	3-7	w	n	hX
<i>Eriogonum roseum</i> . Wand wild buckwheat .....	DGj	h	MWT	5-11	pi	n	hX
<i>Eriogonum temblorense</i> . Temblor buckwheat. CNPS 1B.2 .....	d	h	e	5-10	wpi	n	IX
<i>Eriogonum trichopes</i> . See <i>E. clavatum</i>							
<i>Eriogonum twisselmannii</i> . Twisselmann's buckwheat. CNPS 1B.2	d	p	e	6-9	y	n	l
<i>Eriogonum viridescens</i> . Two-toothed wild buckwheat .....	d	h	tw	4-11	piw	n	tX
<i>Hollisteria lanata</i> . False spikeflower. ....	gdj	h	xx	3-7	y	n	hX
<i>Lastarriaea coriacea</i> . Leather spineflower .....	dg	h	tc	2-6		n	tX
<i>Mucronea californica</i> . Calif. spineflower. CNPS 4.2 .....	gd	h	wm	3-8	piw	n	f
<i>Mucronea perfoliata</i> . Perfoliate spineflower .....	d	h	tmw	3-7	pi	n	tX
<i>Polygonum aviculare</i> ssp <i>depressum</i> ( <i>P. arenastrum</i> ) .....	w	h	c	5-11		i	bX
Prostrate knotweed.							
<i>Pterostegia drymarioides</i> . Woodland threadstem. ....	dro	h	we	3-7	y	n	tX
<i>Rumex crispus</i> . Curly dock. ....	wg	p	tc	any		i	tX
<i>Rumex hymenosepalus</i> . Wild rhubarb. ....	gd	p	cet	1-5		n	tX

**PORTULACACEAE.** See MONTIACEAE

**PRIMULACEAE.** Primrose Family

<i>Androsace elongata</i> ssp <i>acuta</i> . Calif. androsace (rock jasmine) CNPS 4.2	gd	h	twm	2-4	w	n	hk
<i>Dodecatheon clevelandii</i> . Shooting star. 1L	g	p	w	2-4	p	n	hn

**PUNICACEAE.** Pomegranate Family

<i>Punica granatum</i> . Pomegranate.	i	s	w		r	i	b
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**RANUNCULACEAE.** Buttercup Family

# <i>Clematis ligusticifolia</i> . Western virgin's bower	r	v	tc	6-9	w	n	h
<i>Delphinium gypsophilum</i> . Gypsum-loving larkspur. CNPS 4.2 ..XX	p	XX	WMT	2-6	w	n	tX
<i>Delphinium parryi</i> . Parry's larkspur.	dgo	p	wmt	4-6	bpu	n	tX

	COM	F	LOC	FL	COL	N	REF
<i>Delphinium parryi</i> ssp <i>parryi</i> . Parry's larkspur. ....	d	p	tw	4-6	bpu	n	tk
<i>Delphinium parryi</i> ssp <i>purpureum</i> . Mt. Pinos larkspur. CNPS 4.3	o	p	m	4-6	bpu	n	s
<i>Delphinium patens</i> ssp <i>hepaticoidium</i> . Spreading larkspur.....	o	p	m	4-6	b	n	h
<i>Delphinium recurvatum</i> . Recurved larkspur..... CNPS 1B.2.	AS	p	S	3-6	bw	n	tX
<i>Delphinium umbraculorum</i> . Umbrella larkspur .....	o	p	m	4-6	p	n	r
<i>Myosurus minimus</i> . Least mousetail .....	va	h	sc	4-6	w	n	hX

**RHAMNACEAE.** Buckthorn Family

<i>Rhamnus ilicifolia</i> . Holly-leaf redberry. ....	j	s	w	3-6		n	kX
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**ROSACEAE.** Rose Family

<i>Malus sylvestris</i> . Apple. ....	i	t	w			i	d
<i>Prunus fasciculata</i> v <i>fasciculata</i> . Desert almond .....	dj	s	w	3-5	w	n	cX
# <i>Prunus ilicifolia</i> . Holly-leaf cherry. ....		s	vw	3-5	wc	n	h

**RUBIACEAE.** Madder Family

<i>Galium andrewsii</i> ssp <i>andrewsii</i> . Phlox-leaved bedstraw .....	o	p	wmt	4-6	y	n	hX
<i>Galium angustifolium</i> ssp <i>angustifolium</i> . Narrow-leaved bedstraw .....	j	p	w	4-6	y	n	bX
<i>Galium aparine</i> . Goose grass. ....	o	h	w	3-7	w	n	bX

**SALICACEAE.** Willow Family

<i>Populus fremontii</i> ssp <i>fremontii</i> . Fremont cottonwood.....	r	t	w	3-4		n	t
<i>Salix babylonica</i> . Weeping willow. ....	i	t	c	2-5		i	v
<i>Salix gooddingii</i> . Goodding's black willow.....	r	t	w	3-4		n	bX
<i>Salix laevigata</i> . Red willow. ....	r	st	wt	12-6		n	tX
<i>Salix lasiolepis</i> . Arroyo willow. ....	r	t	tw	1-6		n	tX

**SAPINDACEAE.** Soapberry Family

<i>Koeleruteria paniculata</i> . Goldenrain tree. ....	i	t	c	6-7	y	i	v
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**SAXIFRAGACEAE.** Saxifrage Family

<i>Lithophragma cymbalaria</i> . Mission woodland star. ....	r	p	wt	3-5	w	n	bX
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**SCROPHULARIACEAE.** Figwort Family

(*Castilleja* and *Cordylanthus* moved to OROBANCHACEAE)

(*Mimulus* moved to PHYRMACEAE)

(*Antirrhinum*, *Collinsia*, *Keckiella*, *Penstemon*, and *Veronica*  
moved to PLANTAGINACEAE)

**SIMAROUBACEAE.** Quassia Family

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<i>Ailanthus altissima</i> . Tree of heaven. ....	i	t	w	6		i	v
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**SOLANACEAE.** Nightshade Family

<i>Datura wrightii</i> . Wright's Jimson weed .....	gwd	h	wce	4-10	w	n	tX
<i>Lycium andersonii</i> . Anderson's boxthorn. ....	d	s	e	3-5	wpi	n	hX
<i>Nicotiana attenuata</i> . Attenuate tobacco. ....		h	e	5-10	wpi	n	f
<i>Nicotiana glauca</i> . Tree tobacco.....	s	t	c	4-8	y	i	lX
<i>Nicotiana quadrivalvis</i> . Large-flowered tobacco .....	d	h	cwm	5-10	w	n	hX
<i>Solanum elaeagnifolium</i> . White horse nettle. ....	w	p	c	5-9	p	i	k <sup>3</sup>
<i>Solanum umbelliferum</i> . Blue-witch nightshade .....	d	p	wt	any	p	n	hX

**TAMARICACEAE.** Tamarisk Family

<i>Tamarix aphylla</i> . Athel. American Ranch.....	gi	t	c	5-11	pi	i	bX
<i>Tamarix ramosissima</i> . Saltcedar. ....	a	t	sc	4-8	pi	i	cX

**ULMACEAE.** Elm Family

? <i>Ulmus</i> sp. Elm .....		t	w			l	b
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**URTICACEAE.** Nettle Family

<i>Hesperocnide tenella</i> . Western nettle. ....	j	h	w	2-6		n	f
<i>Parietaria hespera</i> . Western pellitory. ....	d	h	w	2-6		n	h
<i>Urtica dioica</i> ssp <i>holosericea</i> . Hoary nettle. ....	r	p	wt	6-9		n	tX

**VALERIANACEAE.** Valerian Family

<i>Plectritis macrocera</i> . ....	j	h	w	3-6	w	n	bX
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**VERBENACEAE.** Vervain Family

<i>Verbena lasiostachys</i> . Western verbena .....	r	p	w	5-9	p	n	cX
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**VIOLACEAE.** Violet Family

# <i>Viola purpurea</i> ssp <i>quercetorum</i> . Oakwoods violet.....	od	p	t	2-7	y	n	t
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**VISCACEAE.** Mistletoe Family

<i>Phoradendron bolleanum</i> ( <i>P. densum</i> ). Bollean mistletoe .....	jo	s	wm	6-8	w	n	hX
<i>Phoradendron serotinum</i> ssp <i>tomentosum</i> ( <i>P. villosum</i> ).....	o	s	w	7-9		n	kX
Hairy mistletoe.							

4. Monocots

**AGAVACEAE.** Century Plant Family. (Previously in LILIACEAE)

<i>Hesperoyucca whipplei</i> ( <i>Yucca w.</i> ) Chaparral yucca .....	DJO	s	XX	4-5	w	n	t
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**ALLIACEAE.** Onion Family. (Previously in LILIACEAE)

<i>Allium crispum</i> . Crinkled onion. ....	d	p	t	3-6	pr	n	t
<i>Allium fimbriatum</i> . Fringed onion .....	d	p		4-6	p	n	s
<i>Allium howellii</i> v <i>howellii</i> . Howell's onion.....	DG	p	WEm	3-4	pw	n	sX
<i>Allium lacunosum</i> . Pitted onion. ....	gdj	p	cwe	4-5	w	n	hX
<i>Allium peninsulare</i> . Purple wild onion.....	DG	p	MT	4-6	rp	n	hX

**ARACEAE.** Arum Family. (Previously in LEMNACEAE)

<i>Lemna gibba</i> . Gibbous duckweed.....	r	p	w	7		n	k
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**CYPERACEAE.** Sedge Family

<i>Bolboschoenus maritimus</i> ssp <i>paludosus</i> ( <i>Scirpus m.</i> ).....	r	p	wt	5-10		n	bX
Alkali bulrush							
<i>Carex douglasii</i> . Douglas' sedge. ....	o	p	m	6-8		n	h
<i>Eleocharis parishii</i> . Parish's spike rush .....	r	p	w	4-10		n	cx
<i>Schoenoplectus americanus</i> ( <i>Scirpus a.</i> ).....	r	p	w	5-9		n	bX
Olney's three-square bulrush.							
<i>Scirpus</i> . See <i>Bolboschoenus</i> or <i>Schoenoplectus</i>							

**JUNCACEAE.** Rush Family

<i>Juncus balticus</i> ssp <i>ater</i> . Baltic rush.....	r	p	wt	7-11		n	t
<i>Juncus bufonius</i> v <i>bufonius</i> . Toad rush. ....	r	h	w	5-9		n	hX
<i>Juncus mexicanus</i> . Mexican rush. ....	r	p	w	8-11		n	bX
<i>Juncus textilis</i> . Basket rush. ....	r	p	w	7-11		n	bX
<i>Juncus xiphioides</i> . Iris-leaved rush. ....	r	p	wt	7-10		n	hX

**LEMNACEAE.** See ARACEAE

**LILIACEAE.** Lily Family

<i>Allium</i> . See ALLIACEAE							
<i>Bloomeria</i> . See THEMIDACEAE							
<i>Brodiaea</i> . See THEMIDACEAE							
<i>Calochortus clavatus</i> . Club-haired mariposa. ....	djo	p	wmt	4-7	y	n	hX
<i>Calochortus splendens</i> . Splendid mariposa .....	d	p	wm	5-7	p	n	hX
<i>Calochortus venustus</i> . Venus mariposa.....	dg	p	wmt	5-7	yp	n	hX
<i>Dichelostema</i> . See THEMIDACEAE							
<i>Fritillaria agrestis</i> . Stinkbells. Brown fl. CNPS 4.2 .....	do	p	mt	3-6		n	h
<i>Fritillaria biflora</i> . Chocolate lily. Brown flower .....	d	p	w	3-5		n	cX
<i>Hesperoyucca</i> . See AGAVACEAE							
<i>Muilla</i> . See THEMIDACEAE							

## POACEAE (GRAMINAE). Grass Family

<i>Achnatherum</i> . See <i>Stipa</i>						
# <i>Alopecurus saccatus</i> . Pacific foxtail.....	v	a	v	3-5	n	<u>k</u>
<i>Avena barbata</i> . Slender wild oat.....	GWD	a	XX	3-6	i	t
<i>Avena fatua</i> . Wild oat.....	GW	a	XX	4-6	i	tX
<i>Bromus arenarius</i> . Australian chess.....	gwd	a	c	4-7	i	kx
<i>Bromus berteroi</i> ( <i>B. trinii</i> ). Chilean chess.....	gd	a	mwt	3-6	i	tX
<i>Bromus diandrus</i> . Ripgut grass.....	WG	a	W	2-7	i	tX
<i>Bromus hordeaceus</i> ( <i>B. mollis</i> ). Soft chess.....	XX	a	XX	4-7	i	tX
<i>Bromus madritensis</i> ssp <i>rubens</i> ( <i>B. r.</i> ) Red brome.....	XX	a	XX	2-6	i	tX
<i>Bromus tectorum</i> . Cheatgrass.....	wg	a	c	5-8	i	bX
<i>Deschampsia danthonioides</i> . Annual hair grass.....	vas	a	s	3-8	n	tX
<i>Distichlis spicata</i> . Saltgrass.....	XX	p	XX	4-9	n	tx
<i>Echinochloa</i> ( <i>crus-galli/ colona</i> ). Barnyard grass.....	r	a	w	6-10	i	bX
<i>Elymus elymoides</i> . Squirreltail.....	ds	p	tsw	7-9	n	t
<i>Elymus glaucus</i> . Blue wildrye.....	d	p	t	6-8	n	t
<i>Elymus triticoides</i> ( <i>Leymus t.</i> ) Beardless wildrye.....	RWG	p	XX	6-7	n	tX
<i>Festuca bromoides</i> ( <i>Vulpia b.</i> ) Brome fescue.....	w	a	s	4-6	i	w
<i>Festuca myuros</i> ( <i>Vulpia m.</i> ) Rattail sixweeks grass.....	G	a	XX	2-5	i	tX
<i>Festuca perennis</i> ( <i>Lolium p.</i> ) Ryegrass.....	rw	p	w	5-9	i	bX
<i>Gastridium phleoides</i> ( <i>G. ventricosum</i> ). Nit grass.....	w	a	m	4-11	i	<u>s</u>
<i>Hordeum brachyantherum</i> . Meadow barley.....	gr	p	w	3-8	n	b
<i>Hordeum depressum</i> . Alkali barley.....	asv	a	ct	4-5	n	tX
<i>Hordeum murinum</i> . Wall barley, foxtail.....	XX	a	XX	2-5	i	tX
<i>Lamarckia aurea</i> . Goldentop.....	d	a	t	2-5	i	bX
<i>Leymus</i> . See <i>Elymus</i>						
<i>Melica californica</i> . Calif. melic.....	jd	p	wtm	4-5	n	bX
<i>Melica imperfecta</i> . Little Calif. melic.....	o	p	t	4-5	n	t
<i>Muhlenbergia rigens</i> . Deergrass. 1L.....	jr	p	w	6-9	n	bX
<i>Nasella</i> . See <i>Stipa</i>						
<i>Phalaris canariensis</i> . Canary grass.....	wg	a	c	4-7	i	eX
<i>Phragmites australis</i> . Common reed, Carrizo grass.....	r	p	w <u>c</u>	7-11	n	dx
<i>Poa annua</i> . Annual bluegrass.....	wg	a	c	2-9	i	t
<i>Poa bulbosa</i> . Bulbous bluegrass.....	wg	p	w	3-7	i	bX
<i>Poa secunda</i> ssp <i>secunda</i> . One-sided bluegrass.....	XX	p	XX	3-8	n	tX
<i>Polypogon monspeliensis</i> . Annual beard grass.....	r	a	xx	4-8	i	tX
<i>Schismus arabicus</i> . Arabian schismus.....	GWD	a	Ew	3-5	i	tX
<i>Schismus barbatus</i> . Mediterranean grass.....	gwd	a	wmt	3-4	i	h
<i>Sorghum bicolor</i> . Sorghum.....	wg	a	e	any	i	c

	COM	F	LOC	FL	COL	N	REF
<i>Sorghum halepense</i> . Johnson grass.....	w	p		5-8		i	s
<i>Stipa cernua</i> ( <i>Nasella c.</i> ) Nodding needlegrass. ....	G	p	WMT	2-7		n	tX
<i>Stipa pulchra</i> ( <i>Nasella p.</i> ) Purple needlegrass. ....	g	p	w	3-6		n	k
<i>Stipa speciosa</i> ( <i>Achnatherum s.</i> ) Desert needlegrass.....	d	p	ewt	4-7		n	tX
<i>Vulpia</i> . See <i>Festuca</i>							

**RUPPIACEAE** (Formerly in POTAMOGETONACEAE)

<i>Ruppia maritima</i> . Ditchgrass. ....	r	p	c	3-8		n	d
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**THEMIDACEAE**. (Previously in LILIACEAE)

<i>Bloomeria crocea</i> . Common goldenstar.....	gdj	p	wmt	4-6	y	n	hX
<i>Dichelostemma capitatum</i> . Blue dicks.....	XX	p	XX	3-6	p	n	tX
<i>Muilla maritima</i> . Common muilla.....	sgd	p	ew	3-6		n	hX

**TYPHACEAE**. Cattail Family

<i>Typha</i> sp. Cattail.....	r	p	w	5-8		n	t
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