

**COSUMNES RIVER PRESERVE - Vascular Plant Species Observed on the Denier #2 Parcel, Sacramento County**

Scientific Name	Common Name	Growth	Wetland	Family
		Habit	Indicator Status	
<i>Abutilon theophrasti</i> *	Velvet-leaf	AH	NI	Malvaceae
<i>Acer negundo</i> ssp. <i>californicum</i>	Box elder	T	FACW	Aceraceae
<i>Aira caryophylla</i> * [Aspris c.]	Silver hairgrass	AG	.	Poaceae
<i>Alisma plantago-aquatica</i> var. <i>americana</i> [A. <i>triviale</i> ]	Broadleaf water-plantain	PH	OBL	Alismaceae
<i>Amaranthus blitoides</i> [A. <i>graecizans</i> ]	Prostrate amaranth	AH	FACW	Amaranthaceae
<i>Ambrosia artemisiifolia</i>	Common ragweed	AH	.	Asteraceae
<i>Ammi visnaga</i>	Bisnaga	AH/BH	.	Apiaceae
<i>Amsinckia menziesii</i> var. <i>intermedia</i> [A. <i>i.</i> ]	Rancher's fire	AH	.	Boraginaceae
<i>Anagallis arvensis</i> *	Scarlet pimpernel	AH	FAC	Primulaceae
<i>Anthemis cotula</i> *	Mayweed	AH	FACU	Asteraceae
<i>Aphanes occidentalis</i> [Alchemilla <i>occidentalis</i> ]	Dew-cup	AH	.	Rosaceae
<i>Apocynum cannabinum</i>	Clasping-leaf dogbane	PH	FAC	Apocynaceae
<i>Artemisia douglasiana</i>	Mugwort	PH	FACW	Asteraceae
<i>Asclepias fascicularis</i>	Narrow-leaved milkweed	PH	FAC	Ascepiadaceae
<i>Aster subulatus</i> var. <i>ligulatus</i> [A. <i>exilis</i> ]	Annual saltmarsh aster	AH	FACW	Asteraceae
<i>Avena barbata</i> *	Slender wild oat	AG	.	Poaceae
<i>Avena fatua</i> * [A. f. var. <i>glabrata</i> , A. f. var. <i>vilis</i> ]	Wild oat	AG	.	Poaceae
<i>Azolla filiculoides</i>	Fern-like azolla, (mosquito fern)	F	OBL	Azollaceae
<i>Baccharis douglasii</i>	Saltmarsh baccharis, Douglas' false-willow	S	OBL	Asteraceae
<i>Baccharis pilularis</i> [B. p. ssp. <i>consanguinea</i> & <i>pilularis</i> ]	Coyote brush	S	.	Asteraceae
<i>Bidens frondosa</i>	Stick tight, Devil's beggars-tick	AH	FACW	Asteraceae
<i>Brassica nigra</i> *	Black mustard	AH	.	Brassicaceae
<i>Brassica rapa</i> ssp. <i>syvestris</i> * [B. <i>campestris</i> ]	Field mustard	AH	.	Brassicaceae
<i>Bromus diandrus</i> *	Ripgut grass	AG	(FACU-)	Poaceae
<i>Bromus hordeaceus</i> * [B. <i>mollis</i> , B. <i>racemosus</i> ]	Soft chess	AG	FACU-	Poaceae
<i>Callitriche marginata</i> [C. <i>longipedunculata</i> ]	California water-starwort	PH	OBL	Callitricaceae
<i>Capsella bursa-pastoris</i> *	Shepherd's purse	AH	FAC-	Brassicaceae
<i>Carduus pycnocephalus</i> *	Italian thistle	AH	.	Asteraceae
<i>Carex barbarae</i>	Barbara sedge	PH	FACW	Cyperaceae
<i>Carex praegracilis</i> [C. <i>camporum</i> ]	Clustered field sedge	PH	FACW-	Cyperaceae
<i>Centaurea solstitialis</i> *	Yellow star-thistle	AH	.	Asteraceae
<i>Centaurium floribundum</i> = C. <i>muehlenbergii</i>	June centaurium	AH	FACW	Gentianaceae
<i>Cephalanthus occidentalis</i> var. <i>californicus</i>	Buttonbush	S	OBL	Rubiaceae
<i>Cerastium arvense</i> var. <i>arvense</i> [C. a. var. <i>villosum</i> ]	Mouse-ear chickweed	AH	FAC	Caryophyllaceae
<i>Cerastium glomeratum</i> * [C. <i>viscosum</i> ]	Mouse-ear chickweed	AH	FACU	Caryophyllaceae
<i>Chamaesyce ocellata</i> [Euphorbia o.]	Littleye spurge	AH	.	Euphorbiaceae
<i>Chamomilla suaveolens</i> * [Matricaria <i>matricarioides</i> ]	Pineapple weed	AH	FACU	Asteraceae
<i>Chenopodium album</i> *	Lambsquarter	AH	FAC	Chenopodiaceae
<i>Chenopodium ambrosioides</i> * [C. a. vars.]	Mexican tea	PH	FAC	Chenopodiaceae
<i>Chlorogalum pomeridianum</i> var. <i>pomeridianum</i>	Common soap plant	PH	.	Liliaceae
<i>Cichorium intybus</i> *	Chicory	PH	.	Asteraceae
<i>Cirsium vulgare</i> * [C. <i>lanceolatum</i> ]	Bull thistle	AH	FACU	Asteraceae
<i>Claytonia perfoliata</i> ssp. <i>perfoliata</i> [Montia p.]	Miner's lettuce	AH	FAC	Portulacaceae
<i>Conium maculatum</i> *	Poison-hemlock	PH	FACW	Apiaceae
<i>Convolvulus arvensis</i> *	Bind weed	PV	.	Convolvulaceae
<i>Conyza canadensis</i> var. <i>canadensis</i>	Western horseweed	AH	FAC	Asteraceae

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<i>Crassula aquatica</i> [C. saginoides]	Water pygmy-stonecrop	AH	OBL	Crassulaceae
<i>Crassula connata</i> [C. erecta, C. c. var. erectoides, Tillea e.]	Sand pygmy-stonecrop	AH	FAC	Crassulaceae
<i>Crypsis schoenoides</i> * [Heleochloa s.]	Swamp timothy	AG	OBL	Poaceae
<i>Cynodon dactylon</i> *	Bermuda grass	PG	FAC	Poaceae
<i>Cyperus eragrostis</i>	Umbrella-sedge	PH	FACW	Cyperaceae
<i>Cyperus esculentus</i> *	Yellow nutgrass, chufa	PH	FACW	Cyperaceae
<i>Datura stramonium</i>	Jimson weed	AH	.	Solanaceae
<i>Digitaria sanguinalis</i> *	Hairy crabgrass	PG	FACU	Poaceae
<i>Echinodorus berteroi</i>	Bur head	PH	OBL	Alismataceae
<i>Echinochloa crusgalli</i> *	Barnyard grass	PG	FACW	Poaceae
<i>Eleocharis macrostachya</i> [Heleocharis palustris, E. p.]	Common spike-rush	PH	OBL	Cyperaceae
<i>Epilobium brachycarpum</i>	willow-hrb	AH	FAC	Onagraceae
<i>Epilobium densiflorum</i> [Boisduvalia densiflora]	Dense-flowered spike-primrose	AH	OBL	Onagraceae
<i>Eremocarpus setigerus</i>	Dove weed	AH	.	Euphorbiaceae
<i>Erodium cicutarium</i> *	Redstem filaree	AH	.	Geraniaceae
<i>Erodium moschatum</i> *	Whitstem filaree	AH	.	Geraniaceae
<i>Eschscholzia californica</i> var. californica	California poppy	AH	.	Papaveraceae
<i>Euthamia occidentalis</i> [Solidago o.]	Western goldenrod	PH	OBL	Asteraceae
<i>Fraxinus latifolia</i> [F. oregona]	Oregon ash	S	FACW	Oleaceae
<i>Geranium dissectum</i> *	Dissected geranium	AH	.	Geraniaceae
<i>Gnaphalium palustre</i>	Lowland cudweed	AH	FACW-	Asteraceae
<i>Grindelia camporum</i> var. camporum	Great Valley gumplant	S	FACU	Asteraceae
<i>Helianthus annuus</i> [H. a. spp. lenticularis]	Western sunflower	AH	FAC-	Asteraceae
<i>Hemizonia pungens</i> [H. laevis in part]	Spikeweed	AH	FAC	Asteraceae
<i>Heterotheca grandiflora</i>	Telegraph weed	PH	.	Asteraceae
<i>Hordeum brachyantherum</i> ssp. brachyantherum [H. boreale]	Meadow barley	PG	FACW	Poaceae
<i>Hordeum marinum</i> ssp. gussoneanum * [H. geniculatum]	Mediterranean barley	AG	FAC	Poaceae
<i>Hordeum murinum</i> ssp. leporinum * [H. l.]	Hare barley	AG	NI	Poaceae
<i>Juglans hindsii</i> (introduced native)	Northern California black walnut	T	FAC	Juglandaceae
<i>Juncus balticus</i> var. balticus [J. arcticus var. b.]	Baltic rush	PH	OBL	Juncaceae
<i>Juncus bufonius</i> var. bufonius	Common toad rush	AH	OBL	Juncaceae
<i>Juncus effusus</i> var. pacificus	Bog rush	PH	OBL	Juncaceae
<i>Juncus xiphioides</i> var. xiphioides	Iris-leaved rush	PH	OBL	Juncaceae
<i>Lactuca serriola</i> *	Prickly wild lettuce	AH	FAC	Asteraceae
<i>Lepidium latifolium</i> *	Broadleaf peppergrass	PH	FACW	Brassicaceae
<i>Lepidium nitidum</i> *	Common peppergrass	AH	.	Brassicaceae
<i>Leymus triticoides</i> [Elymus t.]	Creeping or alkali rye-grass	PG	FAC+	Poaceae
<i>Lolium multiflorum</i> * [L. m. varieties, L. perenne ssp. m.]	Italian ryegrass	AG	FAC*	Poaceae
<i>Lotus corniculatus</i> *	Bird's-foot trefoil	PH	FAC	Fabaceae
<i>Lotus purshianus</i>	Pursh's lotus	AH	.	Fabaceae
<i>Ludwigia repens</i> * [Jussiaea r. var. peploides]	Yellow water-primrose	PH	OBL	Onagraceae
<i>Lupinus bicolor</i>	Bicolored lupine	AH	.	Fabaceae
<i>Lythrum hyssopifolia</i> [L. adsurgens]	Hyssop loosestrife, wallow poly	AH/PH	FACW	Lythraceae
<i>Maclura pomifera</i> +	Osage Orange	T	NI	Moraceae
<i>Malva parviflora</i> *	Cheeseweed	AH	.	Malvaceae

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<i>Malvella leprosa</i> [ <i>Sida l. var. hederacea</i> ]	Alkali mallow	PH	FAC	Malvaceae
<i>Marah fabaceus</i> [ <i>M. f. var. agrestis</i> ]	Man-root	PV	.	Cucurbitaceae
<i>Medicago polymorpha</i> * [ <i>M. hispida</i> varieties]	Bur-clover	AH	(FACU-)	Fabaceae
<i>Melilotus indica</i> *	Sourclover	AH	FAC	Fabaceae
<i>Melilotus officinalis</i>	Yellow sweetclover	AH	FACU	Fabaceae
<i>Mentzelia laevicaulis</i>	Blazing star	PH	.	Loasaceae
<i>Mollugo verticillata</i> *	Green carpet-weed	AH	FAC	Molluginaceae
<i>Nicotiana acuminata</i> ssp. <i>multiflora</i> *	Wild tobacco	AH	.	Solanaceae
<i>Paspalum dilatatum</i> *	Dallis grass	PG	FAC	Poaceae
<i>Paspalum distichum</i>	Joint Dallis grass	PG	OBL	Poaceae
<i>Phalaris aquatica</i> * [ <i>P. stenoptera</i> , <i>P. tuberosa</i> , <i>P. t. var. s.</i> ]	Harding grass	PG	FAC+	Poaceae
<i>Phalaris paradoxa</i> *	Paradox canary grass	AG	(FACW)	Poaceae
<i>Phoradendron flavescens</i> var. <i>villosum</i> = <i>P. v.</i>	Oak mistletoe, (hairy mistletoe)	PH	.	Viscaceae
<i>Phyla nodiflora</i> [ <i>Lippia n. var. rosea</i> ]	Common frog-fruit	PH	FACW	Verbenaceae
<i>Picris echioides</i> *	Bristly ox-tongue	AH	FAC*	Asteraceae
<i>Plagiobothrys stipitatus</i> var. <i>micranthus</i>	Small stipitate popcornflower	AH	OBL	Boraginaceae
<i>Plantago lanceolata</i> *	Narrowleaf plantain	PH	FAC-	Plantaginaceae
<i>Poa annua</i> var. <i>annua</i> *	Annual bluegrass	AG	FACW-	Poaceae
<i>Polygonum amphibium</i> [ <i>P. coccineum</i> var. <i>pratincola</i> ]	Water smartweed	PH	OBL	Polygonaceae
<i>Polygonum aviculare</i> var. <i>aviculare</i> * [ <i>P. heterophyllum</i> ]	Prostrate knotweed	AH	FAC	Polygonaceae
<i>Polygogon monspeliensis</i> *	Rabbitsfoot grass	AG	FACW+	Poaceae
<i>Populus fremontii</i> [ <i>P. f. ssp. f. vars. arizonica</i> & <i>macdougalii</i> ]	Fremont cottonwood	T	FACW	Salicaceae
<i>Prunus cerasifera</i> *	Cherry plum	T	.	Rosaceae
<i>Quercus lobata</i>	Valley oak	T	FAC*	Fagaceae
<i>Ranunculus muricatus</i> *	Prickle-fruited buttercup	PH	FACW+	Ranunculaceae
<i>Raphanus sativus</i> *	Wild radish	AH	.	Brassicaceae
<i>Robinia pseudoacacia</i> *+	Black locust	T	FAC*	Fabaceae
<i>Rosa californica</i>	California wild rose	S	FAC+	Rosaceae
<i>Rubus discolor</i> * [ <i>R. procerus</i> ]	Himalaya berry	PV	FAC	Rosaceae
<i>Rubus ursinus</i> [ <i>R. vitifolius</i> ssp. <i>u.</i> & <i>v.</i> ]	Pacific blackberry	PV	FACW*	Rosaceae
<i>Rumex crispus</i> *	Curly dock	PH	FACW-	Polygonaceae
<i>Rumex pulcher</i> *	Fiddle dock	PH	FAC+	Polygonaceae
<i>Salix exigua</i> [ <i>S. sessilifolia</i> ]	Narrowleaf willow	S	OBL	Salicaceae
<i>Salix gooddingii</i> [ <i>S. g. var. variabilis</i> ]	Black willow	T	OBL	Salicaceae
<i>Salix lasiolepis</i>	Arroyo willow	T	FACW	Salicaceae
<i>Sambucus mexicana</i> [ <i>S. caerulea</i> var. <i>m.</i> ]	Blue elderberry	S	FAC	Caprifoliaceae
<i>Scirpus acutus</i> var. <i>occidentalis</i> [ <i>S. lacustris</i> , <i>S. o.</i> ]	Viscid tule	PH	OBL	Cyperaceae
<i>Senecio vulgaris</i> *	Common groundsel	AH	NI*	Asteraceae
<i>Silybum marianum</i> *	Milk thistle	AH	.	Asteraceae
<i>Sonchus asper</i> *	Prickly sow-thistle	AH	FAC	Asteraceae
<i>Sonchus oleraceus</i> *	Common sow-thistle	AH	NI*	Asteraceae
<i>Sorghum halepense</i> *	Johnson grass	PG	FACU	Poaceae
<i>Spergularia rubra</i> * [ <i>Tissa r.</i> ]	Purple sandspurry	AH	FAC-	Caryophyllaceae
<i>Stellaria media</i> *	Common chickweed	AH	FACU	Caryophyllaceae
<i>Taeniatherum caput-medusae</i> * [ <i>Elymus caput-medusae</i> ]	Medusa head	PG	.	Poaceae
<i>Torilis arvensis</i> * [ <i>T. japonica</i> ]	Hedge-parsley	AH	.	Apiaceae
<i>Toxicodendron diversilobum</i> [ <i>Rhus diversiloba</i> ]	Poison oak	S/V	.	Anacardiaceae
<i>Tribulus terrestris</i> *	Puncture weed, land caltrop	AH	.	Zygophyllaceae
<i>Trifolium hirtum</i> *	Rose clover	AH	.	Fabaceae
<i>Triticum aestivum</i> *	Cultivated wheat	AG	.	Poaceae

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<i>Typha latifolia</i>	Broad-leaved cattail, soft flag	PH	OBL	Typhaceae
<i>Urtica dioica ssp. holosericea</i>	California creek nettle	PH	FACW	Urticaceae
<i>Verbascum blattaria</i> *	Moth mullein	BH	FACW	Scrophulariaceae
<i>Verbascum thapsus</i> *	Common mullein	BH	(FAC)	Scrophulariaceae
<i>Verbena bonariensis</i> *	South American vervain	AH/BH	FACW	Verbenaceae
<i>Veronica peregrina ssp. xalapensis</i>	Purslane speedwell	AH	OBL	Scrophulariaceae
<i>Vicia benghalensis</i> *	Mediterranean vetch	AH	.	Fabaceae
<i>Vitis californica</i>	California wild grape	PV	FACW	Vitaceae
<i>Vulpia bromoides</i> * [ <i>Festuca dertonensis</i> ]	Slender fescue	AG	FACU*	Poaceae
<i>Vulpia myuros</i> var. <i>myuros</i> * [ <i>Festuca m.</i> ]	Rattail fescue	AG	FACW	Poaceae
<i>Xanthium strumarium ssp. canadense</i>	Cocklebur	AH	FAC+	Asteraceae

Notes: Scientific nomenclature follows Bailey and Bailey (1976) for ornamentals, Hickman (1993) for natives, Broich (1987) for Lathyrus, Gordon-Reedy (1990) for Leptodactylon, and Skinner and Pavlik (1994) for special-status species. An \* indicates non-native taxa that have become naturalized or persist without cultivation.

An + indicates ornamental or agricultural plant species that are actively cultivated.

Common names follow Abrams and Ferris (1960), Bailey and Bailey (1976) for ornamentals, and Hickman (1993), Niehaus and Ripper (1976), and DeGarmo (1980) for natives.

Synonyms in parentheses for scientific and common names are preferred.

**Growth habit definitions:**

- AF = annual fern or fern ally.
- AG = annual grass.
- AH = annual herb.
- AV = annual vine.
- BH = biennial herb.
- PF = perennial fern or fern ally.
- PG = perennial grass.
- PH = perennial herb.
- PV = perennial vine.
- S = shrub.
- T = tree.

**Wetland indicator status (Reed 1988):**

- OBL = obligate wetland species, occurs almost always in wetlands (>99% probability).
- FACW = facultative wetland species, usually found in wetlands (67-99% probability).
- FAC = facultative species, equally likely to occur in wetlands or nonwetlands (34-67% probability).
- FACU = facultative upland species, usually occur in nonwetlands (67-99% probability).
- + or - symbols are modifiers that indicate greater or lesser affinity for wetland habitats.
- NI = no indicator has been assigned due to a lack of information to determine indicator status.
- \* = a tentative assignment to that indicator status by Reed (1988).
- A period "." indicates that no wetland indicator status has been given in Reed (1988).
- Parentheses around an indicator status indicates the wetland status as suggested by the author based on extensive field observations.

**SacValley CNPS Plant List.** This Cosumnes River Preserve plant list is provided as a courtesy of the California Native Plant Society (CNPS), Sacramento Valley Chapter and was adapted with permission from the original list compiled by consulting botanist Matt Gause, a member of the SacValley CNPS Chapter.

The Sacramento Valley Chapter of the California Native Plant Society, has meetings featuring speakers, books and seeds for sale on the second Wednesday of the month, September through June (except December). Meetings take place at 7pm at the Shepards Garden and Arts Center in McKinley Park, 3330 McKinley Boulevard, Sacramento. The CNPS Sacramento Valley Chapter Plant Sale is the fourth Saturday of September at the Shepard Garden and Arts Center. Visit the website at [www.sacvalleycnps.org](http://www.sacvalleycnps.org) for more information and contacts. (soj 4/3004)