

| <u>Scientific Name</u> | <u>Vernacular Name</u> | <u>Plant Family</u> |
|--|--------------------------------|---------------------|
| <i>Quercus douglasii</i> | Blue oak | Fagaceae |
| <i>Quercus lobata</i> | Valley oak | Fagaceae |
| <i>Quercus wislizenii</i> | Interior live oak | Fagaceae |
| <i>Ranunculus aquatilis</i> var. <i>capillaceus</i> | Water buttercup | Ranunculaceae |
| <i>Ranunculus bonariensis</i> var. <i>trisepalus</i> | Vernal pool buttercup | Ranunculaceae |
| <i>Ranunculus muricatus</i> | Spiny fruit buttercup | Ranunculaceae |
| <i>Raphanus raphanistrum</i> | Jointed wild radish | Brassicaceae |
| <i>Raphanus sativus</i> | Common wild radish | Brassicaceae |
| <i>Rorippa nasturtium-aquaticum</i> | Water-cress | Brassicaceae |
| <i>Rumex acetosella</i> | Sheep sorrel | Polygonaceae |
| <i>Rumex conglomeratus</i> | Clustered dock | Polygonaceae |
| <i>Rumex crispus</i> | Curly dock | Polygonaceae |
| <i>Rumex pulcher</i> | Fiddle dock | Polygonaceae |
| <i>Sagina decumbens</i> ssp. <i>occidentalis</i> | Western pearlwort | Caryophyllaceae |
| <i>Salix exigua</i> | Sandbar willow | Salicaceae |
| <i>Salix lasiolepis</i> | Arroyo willow | Salicaceae |
| <i>Sanicula bipinnatifida</i> | Purple sanicle | Apiaceae |
| <i>Scirpus acutus</i> var. <i>occidentalis</i> | Tule | Cyperaceae |
| <i>Scribneria bolanderi</i> | Scribneria | Poaceae |
| <i>Sidalcea calycosa</i> ssp. <i>c.</i> | Vernal pool checkerbloom | Malvaceae |
| <i>Sidalcea hirsuta</i> | Alkali checkerbloom | Malvaceae |
| <i>Silybum marianum</i> | Milk thistle | Asteraceae |
| <i>Soliva sessilis</i> | Soliva | Asteraceae |
| <i>Sonchus asper</i> ssp. <i>a.</i> | Prickly sow thistle | Asteraceae |
| <i>Spergularia bocconii</i> | Boccon's sand-spurrey | Caryophyllaceae |
| <i>Taeniatherum caput-medusae</i> | Medusahead | Poaceae |
| <i>Thysanocarpus radians</i> | Spoke-pod | Brassicaceae |
| <i>Tragopogon</i> sp. | Salsify | Asteraceae |
| <i>Trichostema lanceolata</i> | Vinegar weed | Lamiaceae |
| <i>Trifolium depauperatum</i> var. <i>d.</i> | Dwarf sack clover | Fabaceae |
| <i>Trifolium depauperatum</i> var. <i>truncatum</i> | Pale sack clover | Fabaceae |
| <i>Trifolium dubium</i> | Hop clover | Fabaceae |
| <i>Trifolium hirtum</i> | Rose clover | Fabaceae |
| <i>Trifolium repens</i> | White lawn clover | Fabaceae |
| <i>Trifolium variegatum</i> | White-tipped clover | Fabaceae |
| <i>Triphysaria eriantha</i> ssp. <i>e.</i> | Johnny-tuck, butter & eggs | Scrophulariaceae |
| <i>Triphysaria pusilla</i> | Little owl's clover | Scrophulariaceae |
| <i>Triteleia hyacinthina</i> | White hyacinth | Liliaceae |
| <i>Triteleia laxa</i> | Wally basket, Ithuriel's spear | Liliaceae |
| <i>Typha angustifolia</i> | Narrow-leaved cattail | Typhaceae |
| <i>Typha latifolia</i> | Broad-leaved cattail | Typhaceae |
| <i>Veronica peregrina</i> ssp. <i>xalapensis</i> | Purslane speedwell | Scrophulariaceae |
| <i>Vicia sativa</i> ssp. <i>nigra</i> | Common vetch | Fabaceae |
| <i>Vicia villosa</i> ssp. <i>v.</i> | Winter Vetch | Fabaceae |
| <i>Vulpia bromoides</i> | Annual fescue | Poaceae |
| <i>Vulpia microstachys</i> var. <i>m.</i> | Desert fescue | Poaceae |
| <i>Wyethia angustifolia</i> | Mule's ears | Asteraceae |
| <i>Xanthium strumarium</i> | Cocklebur | Asteraceae |

* Indicates plants considered to be rare, threatened or endangered by the California Native Plant Society (Tibor *et al.* 2001).

MATHER FIELD VERNAL POOLS

Plant Species List – December 2004

| <u>Scientific Name</u> | <u>Vernacular Name</u> | <u>Plant Family</u> |
|---|-----------------------------|---------------------|
| <i>Achyrrachaena mollis</i> | Blow wives | Asteraceae |
| <i>Aegilops triuncialis</i> | Barbed goatgrass | Poaceae |
| <i>Agrostis avenacea</i> | Bent grass | Poaceae |
| <i>Aira caryophyllae</i> | Silver hairgrass | Poaceae |
| <i>Alisma plantago-aquatica</i> | Water-plantain | Alismataceae |
| <i>Allium amplexans</i> | Wild onion | Liliaceae |
| <i>Alopecurus saccatus</i> | Meadow foxtail | Poaceae |
| <i>Amsinckia menziesii</i> var. <i>intermedia</i> | Fiddleneck | Boraginaceae |
| <i>Anagallis arvensis</i> | Scarlet pimpernel | Primulaceae |
| <i>Andropogon virginicus</i> var. <i>v.</i> | Broomsedge bluestem | Poaceae |
| <i>Asclepias fascicularis</i> | Narrow-leaf milkweed | Asclepiadaceae |
| <i>Avena barbata</i> | Slender wild oats | Poaceae |
| <i>Avena fatua</i> | Wild oats | Poaceae |
| <i>Baccharis pilularis</i> | Coyote bush | Asteraceae |
| <i>Blennosperma nanum</i> var. <i>n.</i> | Yellow Carpet | Asteraceae |
| <i>Brassica nigra</i> | Black Mustard | Brassicaceae |
| <i>Briza minor</i> | Little quaking grass | Poaceae |
| <i>Brodiaea coronaria</i> ssp. <i>c.</i> | Crown brodiaea | Liliaceae |
| <i>Brodiaea elegans</i> ssp. <i>e.</i> | Elegant brodiaea | Liliaceae |
| <i>Brodiaea minor</i> | Vernal pool brodiaea | Liliaceae |
| <i>Bromus diandrus</i> | Ripgut brome | Poaceae |
| <i>Bromus hordeaceus</i> | Soft chess brome | Poaceae |
| <i>Calandrinia ciliata</i> | Red maids | Portulacaceae |
| <i>Callitriche marginata</i> | Winged water starwort | Callitrichaceae |
| <i>Calochortus luteus</i> | Mariposa lily, gold nuggets | Liliaceae |
| <i>Cardamine oligosperma</i> | Western bittercress | Brassicaceae |
| <i>Carduus pycnocephalus</i> | Italian thistle | Asteraceae |
| <i>Castilleja attenuata</i> | Valley tassles | Scrophulariaceae |
| <i>Castilleja campestris</i> ssp. <i>c.</i> | Field owl's clover | Scrophulariaceae |
| <i>Centaurea solstitialis</i> | Yellow starthistle | Asteraceae |
| <i>Centaureum muehlenbergii</i> | June centaury | Gentianaceae |
| <i>Centunculus minimus</i> | Chaffweed | Primulaceae |
| <i>Cerastium glomeratum</i> | Mouse-ear chickweed | Caryophyllaceae |
| <i>Chamomilla suaveolens</i> | Pineapple weed | Asteraceae |
| <i>Chlorogalum pomeridianum</i> var. <i>p.</i> | Soap plant | Liliaceae |
| <i>Cicendia quadrangularis</i> | Cicendia | Gentianaceae |
| <i>Conium maculatum</i> | Poison hemlock | Apiaceae |
| <i>Convolvulus arvensis</i> | Bindweed | Convolvulaceae |
| <i>Crassula aquatica</i> | Water pygmy-weed | Crassulaceae |
| <i>Crassula tillaea</i> | Moss pygmy-weed | Crassulaceae |
| <i>Cuscuta howelliana</i> | Vernal pool dodder | Convolvulaceae |
| <i>Cyperus difformis</i> | Variable flatsedge | Cyperaceae |
| <i>Cyperus eragrostis</i> | Tall flatsedge | Cyperaceae |
| <i>Damasonium californicum</i> | Fringed water-plantain | Alismataceae |
| <i>Deschampsia danthonioides</i> | Vernal pool hairgrass | Poaceae |
| <i>Dichelostemma capitatum</i> ssp. <i>c.</i> | Blue dicks | Liliaceae |
| <i>Dichelostemma multiflorum</i> | Wild hyacinth | Liliaceae |
| <i>Downingia bicornuta</i> var. <i>picta</i> | Horned downingia | Campanulaceae |

| <u>Scientific Name</u> | <u>Vernacular Name</u> | <u>Plant Family</u> | <u>Scientific Name</u> | <u>Vernacular Name</u> | <u>Plant Family</u> |
|---|---------------------------|---------------------|--|--------------------------|---------------------|
| <i>Downingia cuspidata</i> | Toothed downingia | Campanulaceae | <i>Lasthenia glaberrima</i> | Rayless goldfields | Asteraceae |
| <i>Downingia ornatissima</i> var. <i>o.</i> | Folded downingia | Campanulaceae | <i>Lathyrus hirsutus</i> | Hairy pea | Fabaceae |
| <i>Echinochloa crus-galli</i> | Barnyard grass | Poaceae | <i>Layia fremontii</i> | Fremont's Tidy tips | Asteraceae |
| <i>Elatine californica</i> | California waterwort | Elatinaceae | * <i>Legenere limosa</i> | Legenere | Campanulaceae |
| <i>Elatine rubella</i> | Red waterwort | Elatinaceae | <i>Lemna minor</i> | Small duckweed | Lamnaceae |
| <i>Eleocharis acicularis</i> var. <i>a.</i> | Dwarf spikerush | Cyperaceae | <i>Leontodon taraxacoides</i> ssp. <i>longirostris</i> | Hawkbit | Asteraceae |
| <i>Eleocharis macrostachya</i> | Pale spikerush | Cyperaceae | <i>Lepidium latipes</i> var. <i>l.</i> | Dwarf peppergrass | Brassicaceae |
| <i>Elymus elymoides</i> | Squirreltail grass | Poaceae | <i>Lepidium nitidum</i> var. <i>n.</i> | Shining peppergrass | Brassicaceae |
| <i>Epilobium brachycarpum</i> | Willow-herb | Onagraceae | <i>Leptochloa mucronata</i> | Sprangletop grass | Poaceae |
| <i>Epilobium pygmaeum</i> | Smooth boisduvalia | Onagraceae | <i>Lilaea scilloides</i> | Flowering quillwort | Juncaginaceae |
| <i>Epilobium torreyi</i> | Soft boisduvalia | Onagraceae | <i>Limnanthes alba</i> ssp. <i>a.</i> | White meadowfoam | Limnanthaceae |
| <i>Eremocarpus setigerus</i> | Dove weed, turkey mullein | Euphorbiaceae | <i>Lolium multiflorum</i> | Italian ryegrass | Poaceae |
| <i>Eriogonum nudum</i> var. <i>n.</i> | Naked buckwheat | Polygonaceae | <i>Lolium perenne</i> | Perennial ryegrass | Poaceae |
| <i>Erodium botrys</i> | Filaree | Geraniaceae | <i>Lomatium caruifolium</i> var. <i>c.</i> | Caraway-leaved lomatium | Apiaceae |
| <i>Erodium cicutarium</i> | Cut-leaf filaree | Geraniaceae | <i>Lotus micranthus</i> | Smallflower lotus | Fabaceae |
| <i>Eryngium castrense</i> | Coyote thistle | Apiaceae | <i>Lotus purshianus</i> var. <i>p.</i> | Spanish lotus | Fabaceae |
| <i>Eschscholzia californica</i> | California poppy | Papaveraceae | <i>Ludwigia peploides</i> ssp. <i>p.</i> | Yellow water primrose | Onagraceae |
| <i>Eschscholzia lobbi</i> | Frying pan poppy | Papaveraceae | <i>Lupinus bicolor</i> | Miniature lupine | Fabaceae |
| <i>Eucalyptus globulus</i> | Blue gum | Myrtaceae | <i>Lythrum hyssopifolia</i> | Hyssop loosestrife | Lythraceae |
| <i>Filago gallica</i> | Filago | Asteraceae | <i>Madia elegans</i> ssp. <i>vernalis</i> | Spring madia | Asteraceae |
| <i>Galium aparine</i> | Common bedstraw | Rubiaceae | <i>Marsilea vestita</i> ssp. <i>v.</i> | Hairy pepperwort | Marsileaceae |
| <i>Galium parisiense</i> | Wall bedstraw | Rubiaceae | <i>Medicago polymorpha</i> | Bur clover | Fabaceae |
| <i>Geranium carolinianum</i> | Carolina geranium | Geraniaceae | <i>Mentha pulegium</i> | Pennyroyal | Lamiaceae |
| <i>Geranium dissectum</i> | Cut-leaf geranium | Geraniaceae | <i>Micropus californicus</i> var. <i>c.</i> | Q Tips | Asteraceae |
| <i>Glyceria declinata</i> | Ricefield manna grass | Poaceae | <i>Microseris douglasii</i> ssp. <i>tenella</i> | Douglas' microseris | Asteraceae |
| <i>Gratiola ebracteata</i> | Bractless hedge-hyssop | Scrophulariaceae | <i>Mimulus guttatus</i> | Seep spring monkeyflower | Scrophulariaceae |
| * <i>Gratiola heterosepala</i> | Boggs Lake hedge-hyssop | Scrophulariaceae | <i>Mimulus tricolor</i> | Vernal pool monkeyflower | Scrophulariaceae |
| <i>Grindelia camporum</i> var. <i>c.</i> | Gum plant | Asteraceae | <i>Mollugo verticillata</i> | Carpet weed | Molluginaceae |
| <i>Hemizonia fitchii</i> | Fitch's tarweed | Asteraceae | <i>Montia fontana</i> | Water chickweed, blinks | Portulacaceae |
| <i>Heterotheca grandiflora</i> | Telegraph weed | Asteraceae | <i>Nassella pulchra</i> | Purple needlegrass | Poaceae |
| <i>Hirschfeldia incana</i> | Field mustard | Brassicaceae | <i>Navarretia intertexta</i> ssp. <i>i.</i> | Spiny navarretia | Polemoniaceae |
| <i>Holocarpha virgata</i> | Twiggy tarweed | Asteraceae | <i>Navarretia leucocephala</i> ssp. <i>l.</i> | White navarretia | Polemoniaceae |
| <i>Hordeum marinum</i> ssp. <i>gussoneanum</i> | Mediterranean barley | Poaceae | <i>Pilularia americana</i> | American pillwort | Marsileaceae |
| <i>Hordeum murinum</i> ssp. <i>leporinum</i> | Foxtail barley | Poaceae | <i>Plagiobothrys bracteatus</i> | Smooth popcorn flower | Boraginaceae |
| <i>Hypericum perforatum</i> | Kalamath weed | Hypericaceae | <i>Plagiobothrys fulvus</i> | Field popcorn flower | Boraginaceae |
| <i>Hypochaeris glabra</i> | Smooth cat's-ear | Asteraceae | <i>Plagiobothrys greenei</i> | Greene's popcorn flower | Boraginaceae |
| <i>Hypochaeris radicata</i> | Rough cat's-ear | Asteraceae | <i>Plagiobothrys leptocladus</i> | Prostrate popcorn flower | Boraginaceae |
| <i>Isoetes howellii</i> | Howell's quillwort | Isoetaceae | <i>Plagiobothrys stipitatus</i> var. <i>micranthus</i> | Slender popcorn flower | Boraginaceae |
| <i>Isoetes orcuttii</i> | Orcutt's quillwort | Isoetaceae | <i>Plantago coronopus</i> | Fern-leaved plantain | Plantaginaceae |
| <i>Juncus acuminatus</i> | Tapertip ush | Juncaceae | <i>Plantago erecta</i> | Dwarf plantain | Plantaginaceae |
| <i>Juncus balticus</i> | Baltic rush | Juncaceae | <i>Plantago lanceolata</i> | English plantain | Plantaginaceae |
| <i>Juncus bufonius</i> var. <i>occidentalis</i> | Toad rush | Juncaceae | <i>Poa annua</i> | Annual bluegrass | Poaceae |
| <i>Juncus capitatus</i> | Capped dwarf rush | Juncaceae | <i>Pogogyne douglasii</i> | Douglas' beard-style | Lamiaceae |
| <i>Juncus effuses</i> var. <i>pacificus</i> | Pacific rush | Juncaceae | <i>Pogogyne zizyphoroides</i> | Sacramento beard-style | Lamiaceae |
| * <i>Juncus leiospermus</i> var. <i>ahartii</i> | Ahart's dwarf rush | Juncaceae | <i>Polygonum arenastrum</i> | Common knotweed | Polygonaceae |
| <i>Juncus oxymiris</i> | Pointed rush | Juncaceae | <i>Polygonum persicaria</i> | Lady's thumb bistort | Polygonaceae |
| <i>Juncus tenuis</i> | Soft rush | Juncaceae | <i>Polygonum punctatum</i> | Dotted smartweed | Polygonaceae |
| <i>Juncus uncialis</i> | Inch-high dwarf rush | Juncaceae | <i>Polypogon monspeliensis</i> | Rabbit's foot grass | Polygonaceae |
| <i>Juncus xiphioides</i> | Iris-leaved rush | Juncaceae | <i>Populus fremontii</i> ssp. <i>f.</i> | Freemont's cottonwood | Salicaceae |
| <i>Lactuca serriola</i> | Prickly lettuce | Asteraceae | <i>Psilocarphus brevissimus</i> var. <i>b.</i> | Woolly marbles | Asteraceae |
| <i>Lasthenia californica</i> | California goldfields | Asteraceae | <i>Psilocarphus oregonus</i> | Oregon woolly marbles | Asteraceae |
| <i>Lasthenia fremontii</i> | Vernal pool goldfields | Asteraceae | <i>Psilocarphus tenellus</i> var. <i>globiferus</i> | Slender woolly marbles | Asteraceae |