

A List of the VASCULAR PLANTS
of
JASPER RIDGE BIOLOGICAL PRESERVE

1975

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Dear Ann —

The enclosed are lists of vascular plants, amphibians, reptiles and birds which I have collected or seen on Jasper Ridge. These are only lists. There is no accompanying information or reference to site locations, dates, or other firm evidence for any of the taxa included in the lists. Such information is buried in my journal entries, and in part in stacks of pressed plants; but where questions arise, I believe I may be able to provide answers.

These lists are not intended for distribution. Too incomplete to pass along now are my lists of fishes and mammals — those vertebrate animals least frequently seen. Introduced fishes and cats are principal obstacles to the completion of these lists.

A regional plant or bird list is seldom complete. The common forms are included among the plants and animals listed, as are those of highly restricted habitats. Also included are those plants and birds which I have found only once.

I hope that the lists may be useful in acquainting others with the variety of life on the ridge. May our appreciation of Jasper Ridge help in the preservation of its wild elements.

My thanks for your efforts and your company.

Best wishes always

Herb

DIVISION CALAMOPHYTA

Equisetaceae. Horsetail Family

- *Equisetum telmateia* Ehrh. var. *braunii* (Milde) Milde.
Giant Horsetail
- *E. hyemale* L. var. *affine* (Engelm.) Eaton
Western Scouring Rush

DIVISION PTEROPHYTA

Class Filicinae

Salviniaceae. Water Fern or Salvinia Family

- *Azolla filiculoides* Lam. American Water Fern

Polypodiaceae. Fern Family

- *Polypodium californicum* Kaulf. California Polypody
- *Pityrogramma triangularis* (Kaulf.) Saxon.
Goldback Fern
- *Polystichum munitum* (Kaulf.) Presl. Western Sword Fern
- *P. californicum* (Eaton) Underw. California Shield Fern
- *Cystopteris fragilis* (L.) Bernh. Brittle Fern.
- *Dryopteris arguta* (Kaulf.) Watt. Coastal Wood Fern
- *Adiantum jordanii* Muell. California Maidenhair
- *A. pedatum* L. var. *aleuticum* Rupr. Five-finger Fern
- *Pteridium aquilinum* (L.) Kuhn var. *pubescens* Underw.
Bracken
- *Pellaea andromedaefolia* (Kaulf.) Fee. Coffee Fern
- *P. mucronata* (Eaton) Eaton. Birds Foot Fern

Class Gymnospermae

Pinaceae. Pine Family

- *Pseudotsuga menziesii* (Mirb.) Franco. Douglas Fir

Taxodiaceae. Taxodium Family

- *Sequoia sempervirens* (Lamb.) Endl. Coast Redwood

Class Angiospermae

Subclass Monocotyledoneae

Typhaceae Cat-tail Family

- *Typha latifolia* L. Broad-leaved Cat-tail

- *Typha angustifolia* L. Narrow-leaved Cat-tail
Sparzaniaceae. Burreed Family
- *Sparganium eurycarpum* Engelm. Broad-fruited Burreed
Potamogetonaceae. Pondweed Family
- *Potamogeton illinoensis* Morong. Illinois Pondweed
- *P. crispus* L. Curl-leaved Pondweed
- *P. pusillus* L. var. *minor* (Biv.) Fern & Schub.
- *P. foliosus* Raf. var. *macellus* Fern. Leafy Pondweed
Naiadaceae. Naias or Water Nymph Family
- *Naias guadalupensis* (Spreng.) Morong.
Guadalupe or Common Water Nymph
Lilaeaceae. Flowering Quillwort Family
- *Lilaeae scilloides* (Poir.) Haum. Flowering Quillwort
Alismataceae. Water Plantain Family
- *Alisma plantago-aquatica* L. Common Water Plantain
- *Echinodorus berteroi* (Spreng.) Fassett. Upright Burhead
Hydrocharitaceae. Tapegrass or Frogbit Family
- *Elodea canadensis* Michx. Canadian Waterweed
Graminae. Grass Family
Festuceae. Fescue Tribe
- *Cortaderia selloana* (Schult.) Aschers. & Graebn.
Pampas Grass (destroyed Oct. 26, 1969)
- *Eragrostis pilosa* (L.) Beauv. Pilose Eragrostis
- *Briza minor* L. Little Quaking Grass
- *Dactylis glomerata* L. Orchard Grass
- *Bromus trinii* Desv. Chilean Brome Grass
- *B. carinatus* H. & A. California Brome Grass
- *B. marginatus* Nees. Large Mountain Brome Grass
- *B. vulgaris* (Hook.) Shear. Narrow-flowered Brome Grass
- *B. laevipes* Shear. Woodland Brome Grass
- *B. pseudclaevipis* Wagon.
- *B. racemosus* L. Smooth-flowered Soft Cheat
- *B. mollis* L. Soft Chess

- *Bromus commutatus* Schrad. Hairy Chess
- *B. rubens* L. Red Brome, Foxtail Chess
- *B. madretensis* L. Spanish Brome Grass
- *B. rigidus* Roth. Ripgut Grass
- *Poa annua* L. Annual Poa
- *P. howellii* Vasey & Scribn. Howell's Bluegrass
- *P. pratensis* L. Kentucky Bluegrass (One found during
the cattle grazing times when hay was brought in.)
- *P. scabrella* (Thurb.) Benth. ex Vasey. Pine or Malpais
Bluegrass
- *Melica geyeri* Munro ex Bolander. Geyer's Onion Grass
- *M. californica* Scribn. Western Melica
- *M. torreyana* Scribn. Torrey's Melica
- *M. imperfecta* Trin. Small-flowered Melica
- *Festuca grayi* (Abrams) Piper. Gray's Fescue
- *F. megalura* Nutt. Foxtail or Western Six-weeks Fescue
- *F. myuros* L. Rattail Fescue
- *F. octoflora* Walt. Slender Fescue
- *F. dertonensis* (All.) Aschers. & Graebn. Six-weeks Fescue
- *F. pacifica* Piper. Pacific Fescue
- *F. elmeri* Scribn. & Merr. Elmer's Fescue
- *F. californica* Vasey. California Fescue

Hordeae. Barley Tribe

- *Hordeum brachyantherum* Nevski. Meadow Barley
- *H. vulgare* L. Common Barley
- *H. leporinum* Link. Farmer's Foxtail
- *H. hystrix* Roth. Mediterranean Barley
- *Sitanion hansenii* (Scribn.) Smith. Hansen's Squirreltail
- *S. jubatum* Smith. Big Squirreltail
- *Elymus glaucus* Buckl. Western Rye Grass
- *E. virescens* Piper. Pacific Rye Grass
- *E. triticoides* Buckl. Alkali Rye Grass

- *Lolium temulentum* L. Darnel
- *L. perenne* L. English or Perennial Ryegrass
- *L. multiflorum* Lam. Italian or Australian Ryegrass
- *Agropyron repens* (L.) Beauv. Quack Grass

Aveneae. Oat Tribe

- *Avena barbata* Brot. Slender Wild Oat
- *A. fatua* L. var. *fatua*. Wild Oat
- *Danthonia californica* Bolander var. *californica*.
California Wild Oat Grass
- *Koeleria macrantha* (Ledeb.) Spreng. June Grass
- *Holcus lanatus* L. Velvet Grass
- *Deschampsia danthonoides* (Trin.) Munro ex Benth.
Annual Hair Grass
- *D. elongata* (Hook.) Munro ex Benth. Slender Hair Grass
- *Aira caryophyllea* L. Silvery Hair Grass.
- *Trisetum canescens* Buckl. Tall Trisetum

Agrostideae. Timothy Tribe

- *Crypsis nilaca* Fig. & DeNot. Prickle Grass
- *Heleochoa schoenoides* (L.) Host.
- *Polypogon monspeliensis* (L.) Desf. Rabbit's Foot Grass
- *P. interruptus* HBK. Beard Grass
- *Stipa lepida* Hitchc. Small-flowered Stipa
- *S. pulchra* Hitchc. Nodding Stipa
- *Gastridium ventricosum* (Gouan) Schinz & Thell. Nit Grass
- *Agrostis semiverticillata* (Forsk.) Christ.

Water Bent Grass

- *A. halli* Vasey. Hall's Bent Grass
- *A. diegoensis* Vasey. Leafy Bent Grass
- *A. exarata* Trin. var. *exarata*. Western Bent Grass
- *A. exarata* Trin. var. *pacifica* Vasey. Pacific Bent Grass
- *A. microphylla* Steud. Small-leaved Bent Grass

Chlorideae. Grama Tribe

- *Cynodon dactylon* (L.) Pers. Bermuda Grass
- *Hierochloa occidentalis* Buckl. Western Vanilla Grass

- *Phalaris californica* H. & A. California Canary Grass
- *P. tuberosa* L. var. *stenoptera* (Hack.) Hitch.
Harding Grass
- *P. minor* Retz. Mediterranean Canary Grass

Panicaceae. Millet Tribe

- *Digitaria sanguinalis* (L.) Scope. Crab Grass
- *Paspalum dilatatum* Poir. Dallis Grass
- *P. distichum* L. Knot Grass
- *Echinochloa cruz-galli* (L.) Beauv. Barnyard Grass

Cyperaceae. Sedge Family

- *Carex tumulicola* MacKenzie. Foothill Sedge
- *C. densa* (Bailey) Bailey. Dense Sedge
- *C. subbracteata* MacKenzie. Small-bracted Sedge
- *C. gracilior* MacKenzie. Slender Sedge
- *C. nudata* Boott. Torrent Sedge
- *C. barbarae* Dewey. Santa Barbara Sedge
- *C. senta* Boott. Rough Sedge
- *C. globosa* Boott. Round-fruited Sedge
- *C. serratodens* Boott. Bifid Sedge
- *Cyperus eragrostis* Lam. Tall Cyperus
- *C. erythrorhizos* Muhl. Red-rooted Cyperus
- *C. esculentus* L. Chufa
- *Eleocharis acicularis* (L.) R. & S. Needle Spike-rush
- *E. macrostachya* Britton. Wire Grass
- *Scirpus acutus* Muhl. ex Bigel. Common Tule
- *S. microcarpus* Presl. Small-fruited or Panicked Bulrush

Araceae. Calla or Arum Family

- *Zantedeschia aethiopica* (L.) Spreng. Calla Lily

Lemnaceae. Duckweed Family

- *Lemna gibba* L. Gibbous Duckweed
- *L. minor* L. Smaller Duckweed
- *L. minima* Philippi. Least Duckweed

Juncaceae. Rush Family

- *Juncus patens* Meyer. Common Rush
- *J. effusus* L. var. *pacificus* Fern & Wieg.
- *J. occidentalis* (Cov. Wieg. Western Rush
- *J. bufonius* L. Toad Rush
- *J. xiphioides* Meyer. Iris-leaved Rush.
- *J. phaeocephalus* Engelm. Brown-headed Rush
- *Luzula multiflora* (Retz.) Lejeune. Common Wood Rush

Melanthaceae. Bunch Flower Family

- *Zygadenus fremontii* (Torr.) Torr. ex Wats. var. *fremontii*
Fremont's Star Lily or Zygadene

Liliaceae. Lily Family

- *Chlorogalum pomeridianum* (DC.) Kunth. Amole, Soap Plant
- *Lilium pardalinum* Kell. Leopard or Tiger Lily
- *Fritillaria lanceolata* Pursh. Mission Bells
- *Calochortus albus* Dougl. ex Benth. White Fairy Lantern
- *C. luteus* Dougl. ex Lindl. Yellow Mariposa
- *C. venustus* Dougl. ex Benth. White or Butterfly Mariposa

Convallariaceae. Lily-of-the-Valley Family

- *Trillium chloropetalum* (Torr.) Howell. Common Trillium
- *Smilacina racemosa* (L.) Desf. var. *amplexicaulis* (Nutt.) Wats.
Fat Solomon Seal
- *S. stellata* (L.) Desf var. *sessilifolia* (Baker) Henders.
Slim Solomon Seal
- *Disporum hookeri* (Torr.) Nichols. Hooker's Fairy Bell

Amaryllidaceae. Amaryllis Family

- *Allium lacunosum* Wats. Pitted Onion
- *A. amplexans* Torr. Narrow-leaved Onion
- *A. dichlamydeum* Greene. Coastal Onion
- *A. unifolium* Kell. One-leaved Onion
- *A. breweri* Wats. Brewer's Onion
- *Brodiaea pulchella* (Salisb.) Greene Ground Nuts,
Blue Dicks
- *B. congesta* Smith. Ookow

- Brodiaea laxa (Benth.) Wats. Ithuriel's Spear
- B. lutea (Lindl.) Mort. Golden Brodiaea
- B. hyacinthina (Lindl.) Baker. White Brodiaea
- B. terrestris Kell. Dwarf Brodiaea
- B. elegans Hoover. Harvest Brodiaea
- B. coronaria (Salisb.) Engler. Harvest Brodiaea

Iridaceae. Iris Family

- Sisyrinchium bellum Wats. Blue-eyed Grass
- Iris douglasiana Herbert. Douglas' Iris
- I. pseudacorus L. Yellow Iris
- I. foetidissima, a garden escape, has appeared in woods
along Corte Madera Cr. and above Nolan Cr.

Orchidaceae. Orchid Family

- Habenaria unalascensis (Spreng.) Wats. var. elata (Jeps.)
Correll. Elegant Fiperia
- Corallorhiza maculata Raf. Spotted Coral Root
- C. striata Lindl. Striped Coral Root

Subclass Dicotyledoneae

Salicaceae. Willow Family

- Populus trichocarpa T. & G. ex Hook. Black Cottonwood
- Salix hindsiana Benth. Hinds' Willow
- S. coulteri Anders. Coulter's Willow
- S. lasiolepis Benth. Arroyo Willow
- S. lasiandra Benth. Yellow Willow
- S. laevigata Bebb. Red Willow

Juglandaceae. Walnut Family

- Juglans hindsii (Jeps.) Jeps.

Betulaceae. Birch Family

- Alnus rhombifolia Nutt. White Alder

Corylaceae. Hazel Family

- Corylus californica (A. DC.) Rose. California Hazel

Fagaceae. Oak or Beech Family

- Quercus kelloggii Newb. California Black Oak
- Q. agrifolia Nee. California Live Oak, Encina
- Q. wislizenii A. DC. var. frutescens Engelm.

Interior Live Oak

- Q. douglasii H. & A. Blue Oak
- Q. lobata Nee. Valley Oak, Roble
- Q. chrysolepis Liebm. Maul Oak, Golden Oak
- Q. durata Jeps. Leather Oak

Hybrid Oaks:

- Q. agrifolia x kelloggii
- Q. " x wislizenii
- Q. douglasii x lobata
- Q. " x durata

*Q x morchus is a hybrid of
Q kelloggi + Q wislizenii
(R. Porter - 1957)*

errata

*= morchus - abund of grassland
near state woodland*

- on serpentine

Urticaceae. Nettle Family

- Urtica holosericea Nutt. Hoary Nettle
- Hesperocnide tenella Torr. Western Nettle

Loranthaceae. Mistletoe Family

- Phoradendron villosum Nutt. Oak Mistletoe

Polygonaceae. Buckwheat Family

- Pterostegia drymarioides F. & M.
- Chorizanthe diffusa Benth. Diffuse Spine-flower
- Eriogonum nudum Dougl. ex Benth. Tibinagua
- E. vimineum Dougl. ex Benth. Wicker Eriogonum
- Rumex acetosella L. Sheep Sorrel
- R. salicifolius Weinm. Willow-leaved Dock
- R. transitorius Rech. f.
- R. crispus L. Curly or Yellow Dock
- R. conglomeratus Murr. Green Dock
- R. fueginus Philippi. Golden Dock
- R. persicarioides L. Golden Dock
- R. pulcher L. Fiddle Dock
- R. obtusifolius L. Bitter Dock

- *Polygonum aviculare* L. Common Knotweed
- *P. coccineum* Muhl. ex Willd. Swamp Knotweed
- *P. punctatum* Ell. Water Smartweed
- *P. persicaria* L. Lady's Thumb
- *P. lapathifolium* L. Willow Weed

Chenopodiaceae. Goosefoot or Saltbush Family

- *Atriplex patula* L. var. *hastata* (L.) Gray. Fat Hen
- *Chenopodium botrys* L. Jerusalem Oak, Feather Geranium
- *C. ambrosioides* L. var. *ambrosioides* Mexican Tea
- *C. californicum* (Wats.) Wats. California Goosefoot
- *C. humile* Hook.
- *C. murale* L. Nettle-leaved or Wall Goosefoot
- *C. album* L. Lamb's Quarter

Amaranthaceae. Amaranth Family

- *Amaranthus retroflexus* L. Rough Pigweed
- *A. albus* L. Tumbleweed
- *A. graecizans* L. Prostrate Amaranth
- *A. californicus* (Moq.) Wats. California Amaranth

Portulacaceae. Purselane Family

- *Calandrinia ciliata* (R. & P.) DC. var. *menziesii* (Hook.)
Macbr. Red Maids
- *Montia perfoliata* (Donn ex Willd.) Howell. Miner's Lettuce
- *M. spathulata* (Dougl.) Howell. Common Montia
- *Portulaca oleracea* L. Purselane

Caryophyllaceae. Pink Family

- *Cerastium viscosum* L. Mouse-ear Chickweed
- *Sagina apetala* Ard. var. *barbata* Fenzl ex Ledeb.
Sticky Pearlwort
- *Stellaria media* (L.) Cyrill. Common Chickweed
- *Arenaria douglasii* Fenzl ex T. & G. Douglas' Sandwort
- *Spergularia bocconii* (Scheele) Foucard ex Merino
Boccone's Sand Spurry

- *Silene gallica* L. Windmill Pink
- *S. californica* Durand. California Indian Pink

Ranunculaceae. Buttercup or Crowfoot Family

- *Aquilegia formosa* Fisch. var. *truncata* (F. & M.) Jones.
Northwest Crimson Columbine
- *Delphinium californicum* T. & G. California Larkspur
- *D. patens* Benth. Coast Larkspur
- *D. variegatum* T. & G. Royal Larkspur
- *D. hesperium* Gray. Western Larkspur
- *Clematis lasiantha* Nutt. Chaparral Clematis
- *C. ligusticifolia* Nutt. Western Virgin's Bower
- *Ranunculus muricatus* L. Prickle-fruited Buttercup.
- *R. hebecarpus* H. & A. Pubescent-fruited Buttercup
- *R. californicus* Benth. var. *californicus*.
California Buttercup
- *Thalictrum polycarpum* (Torr.) Wats. Meadow Rue

Berberidaceae. Barberry Family

- *Berberis pinnata* Lag. California Berberis, Coast Barberry

Lauraceae. Laurel Family

- *Umbellularia californica* (H. & A.) Nutt.
California Bay Laurel

Papaveraceae. Poppy Family

- *Platystemon californicus* Benth. California Cream Cups
- *Eschscholzia californica* Cham. California Poppy

Cruciferae. Mustard Family

- *Raphanus sativus* L. Wild Radish
- *Brassica geniculata* (Desf.) Ball. Summer Mustard
- *B. campestris* L. Common or Field Mustard
- *B. nigra* (L.) Koch. Black Mustard
- *Erucastrum gallicum* (Willd.) Schulz.
- *Arabis glabra* (L.) Bernh. Tower Mustard
- *Dentaria californica* Nutt. var. *californica*.
California Toothwort

- *Rorippa curvisiliqua* (Hook.) Bessey. Western Yellow Cress
- *R. islandica* (Oeder) Borbas var. *occidentalis* (Wats.)
Butters and Abbe.
- *Nasturtium officinale* R. Br. Water Cress
- *Caramine* ^d*oligosperma* Nutt. Few-seeded Bitter Cress
- *Tropidocarpum gracile* Hook. Slender Tropidocarpum,
Dobie Pod
- *Barbarea orthoceras* Ledeb. American Winter Cress
- *Sisymbrium officinale* (L.) Scop. Hedge Mustard
- *Thelypodium lasiophyllum* (H. & A.) Greene var. *lasiophyllum*.
California Mustard
- " " " Greene var. *inalienum*.
- *Athysanus pusillus* (Hook.) Greene. Dwarf Athysanus
- *Thysanocarpus curvipes* Hook. var. *curvipes*. Hairy
Fringe Pod
- " " " " *elegans* (F. & M.) Robbins.
Elegant Fringe Pod
- *Iberis umbellata* L. Candytuft
- *Capsella bursa-pastoris* (L.) Medic. Shepherd's Furse
- *Lepidium nitidum* Nutt. Shining Fepper Grass
- *L. pinnatifidum* Ledeb.
- *Lobularia maritima* (L.) Desv. Sweet Alyssum

Crassulaceae. Stone Crop Family

- *Tillaea erecta* H. & A. Tillaea
- *Dudleya cymosa* (Lemaire) Britt. & Rose ssp. *cymosa*
Spreading Dudleya

Saxifragaceae. Saxifrage Family

- *Boykinia elata* (Nutt.) Greene. Coast Boykinia
- *Heuchera micrantha* Dougl. ex Lindl. Alum Root
- *Lithophragma affinis* Gray. Woodland Star
- *L. heterophylla* (H. & A.) T. & G. Hill Star
- *Saxifraga californica* Greene. California Saxifrage
- *Tellima grandiflora* (Pursh) Dougl. ex Lindl. Fringe Cups

Hydrangeaceae. Hydrangea Family

- Whipplea modesta Torr. Modesty, Yerba de Selva

Grossulariaceae. Gooseberry Family

- Ribes gracillimum Cov. & Britt. Bugle Currant
- R. glutinosum Benth. Winter of Flowering Currant
- R. malvaceum Smith. Chaparral Currant
- Grossularia divaricata (Dougl.) Cov. & Britt.
Straggly Gooseberry
- G. californica (H. & A.) Cov. & Britt.
- G. leptosma Cov. Canyon Gooseberry

Rosaceae. Rose Family

- Fragaria californica C. & S. California Strawberry
- Potentilla glandulosa Lindl. Sticky Cinquefoil
- Alchemilla occidentalis Nutt. ex T. & G. Dew Cup
- Physocarpus capitatus (Pursh) Kuntze Pacific Ninebark
- Holodiscus discolor (Pursh) Maxim. Cream Bush
- Cercocarpus betuloides Nutt. ex T. & G.
California Mountain Mahogany
- Adenostoma fasciculatum H. & A. Chamise
- Rubus parviflorus Nutt. var. velutinus (H. & A.) Greene.
Thimble Berry
- Rubus ursinus C. & S. California Blackberry
- R. procerus Muell ex Boulay. Himalaya Berry
- Rosa californica C. & S. California Wild Rose
- R. spithamea Wats. Ground Rose
- R. gymnocarpa Nutt. ex T. & G. Wood Rose

Amygdalaceae. Peach Family

- Prunus demissa (Nutt.) Walp. Western Choke Cherry
- P. ilicifolia (Nutt. ex H. & A.) Walp. Holly-leaved Cherry
- Osmaronia cerasiformis (T. & G. ex H. & A.) Greene.
Oso Berry

Malaceae. Apple Family

- *Amelanchier pallida* Greene. June or Service Berry
- *Crataegus monogyna*. a garden escape (English Hawthorne),
now widely established.
- *Photinia arbutifolia* (Ait.) Lindl. Toyon
- *Cotoneaster pannosa* Franchet.

Mimosaceae. Mimosa Family

- *Acacia decurrens* Willd. Green Wattle
- *A. baileyana* F.v.M. Bailey Acacia

Fabaceae. Pea Family

- *Lupinus formosus* Greene var. *formosus*. Summer Lupine
- *L. latifolius* Agardh var. *latifolius*. Broad-leaved Lupine
- *L. densiflorus* Benth. Dense-flowered Platycarpos
- *L. luteolus* Kell. Kellogg's Platycarpos
- *L. succulentus* Dougl. ex Koch. Succulent Annual Lupine
- *L. affinis* Agardh.
- *L. nanus* Dougl. ex Benth. Douglas' Annual or Sky Lupine
- *L. bicolor* Lindl. Lindley's Annual Lupine

Hybrid Lupine:

- *L. densiflorus* x *nanus*
- *Robinia pseudo-acacia* L. Black Locust
- *Cytisus monspessulanus* L. French Broom
- *C. maderensis*
- *Spartium junceum* L. Spanish Broom (destroyed)
- *Lotus purshianus* (Benth.) Clem. and Clem. Spanish Clover
- *Lotus micranthus* Benth. Small-flowered Trefoil
- *L. humistratus* Greene Short-podded Trefoil
- *L. subpinnatus* Lag. Chile Trefoil
- *L. corniculatus* L. Bird's Foot Trefoil
- *L. scoparius*
- *Psoralea physodes* Dougl. ex Hook. California Tea
- *Medicago lupulina* L. Black Medick
- *M. arabica* (L.) Huds. Spotted Medick

- *Lathyrus vestitus* Nutt. ex T. & G. ssp. *puberulus*
(White ex Greene) Hitchc. Pacific Pea
- L. " Nutt. ex T. & G. ssp. *bolanderi*
(Wats.) Hitchc. Bolander's Pea

Geraniaceae. Geranium Family

- *Geranium molle* L. Cranesbill
- *G. dissectum* L. Cut-leaved Geranium
- *Erodium obtusiplicatum* (Maire, Weiller, & Wilczek) Howell
- *E. botrys* (Cav.) Bertol. Long-beaked or Broad-leaved Filaree
- *E. cicutarium* (L.) L'Her. Red-stemmed Filaree
- *E. moschatum* (L.) L'Her. ex ait. White-stemmed Filaree

Oxalidaceae. Oxalis or Wood Sorrel Family

- *Oxalis rubra* St. Hil. Windowbox Oxalis
- *O. pes-caprae* L. Cape Oxalis

Linaceae. Flax Family

- *Hesperolinon micranthum* (Gray) Small. Small-flowered
Dwarf Flax

Simaroubaceae. Simarouba or Quassia Family

- *Ailanthus altissima* (Mill.) Swingle Tree-of-Heaven

Polygalaceae. Milkwort Family

- *Polygala californica* Nutt. California Polygala

Euphorbiaceae. Spurge Family

- *Eremocarpus setigerus* (Hook.) Benth. Turkey Mullein
- *Euphorbia spathulata* Lam. Reticulate-seeded Spurge
- *E. peplus* L. Petty Spurge
- *E. crenulata* Engelm. Chinese Caps
- *E. serpyllifolia* Pers. Thyme-leaved Spurge

Anacardiaceae. Sumac Family

- *Rhus diversiloba* T. & G. Poison Oak

Celastraceae. Staff-Tree Family

- *Euonymus occidentalis* Nutt. ex Torr. Western Burning Bush

Aceraceae. Maple Family

- Acer macrophyllum Pursh. Big-leaved Maple
- A. negundo L. var. californicum (T. & G.) Sarg.
California Box Elder

Hippocastanaceae. Horse Chestnut or Buckeye Family

- Aesculus californica (Spach) Nutt. California Buckeye

Rhamnaceae. Buckthorn Family

- Rhamnus californica Esch. ssp. californica
California Coffee Berry
- R. crocea Nutt. ssp. crocea. Red Berry
- Ceanothus sorediatus H. & A. Jim Bush
- C. thyrsiflorus Esch. Blue Blossom
- C. cuneatus (Hook.) Nutt. var. dubius Howell

Malvaceae. Mallow Family

- Sidalcea malvaflora (DC.) Gray ex Benth.
Wild Hollyhock, Checker Bloom
- Malva parviflora L. Cheese-weed
- Malacothamnus arcuatus (Greene) Greene.
Northern Malacothamnus

Cistaceae. Rock-Rose Family

- Helianthemum scoparium Nutt. var. vulgare Jeps.
Common Rush Rose, Broom Rose
- Cistus villosus var. coarsicus see Murray 174

Violaceae. Violet Family

- Viola ocellata T. & G. Western Heart's Ease

Datisceae. Datisca Family

- Datisca glomerata (Presl) Baill. Durango Root

Thymelaeaceae. Daphne Family

- Dirca occidentalis Gray. Western Leatherwood

Lythraceae. Loosestrife Family

- Lythrum californicum T. & G. California Loosestrife
- L. hyssopifolia L. Grass Poly, Hyssop Loosestrife
- Ammannia coccinea Rottb. Long-leaved Ammania

Myrtaceae. Myrtle Family

- *Eucalyptus globulus* Labill. Blue Gum

Onagraceae. Evening Primrose Family

- *Epilobium minutum* Lindl. ex Hook. Minute Willow Herb
- *E. paniculatum* Nutt. f. *adenocladon* Hausskn.
Panicled Willow Herb
- *E. watsonii* Barbey. Watson's Willow Herb
- *E. adenocaulon* Hausskn. var. *occidentale* Trel.
Northern Willow Herb
- *E. californicum* Hausskn. California Willow Herb
- *Boisduvalia densiflora* (Lindl.) Wats. Dense-flowered
Boisduvalia
- *B. glabella* (Nutt.) Walp. Smooth Boisduvalia
- *Clarkia unguiculata* Lindl. Elegant Clarkia
- *C. rubicunda* (Lindl.) Lewis & Lewis ssp. *rubicunda*.
Farewell-to-Spring
- *C. purpurea* (Curtis) Nels & Macbr. ssp. *viminea* (Dougl.)
Lewis & Lewis. Large Godetia
- *C. " " " " " Nels & Macbr. ssp. quadrivulnera*
(Dougl.) Lewis & Lewis. Four-spotted Godetia
- *Oenothera ovata* Nutt. Suncup

Haloragidaceae. Water Milfoil Family

- *Myriophyllum brasiliense* Camb. Parrot Feather

Araliaceae. Aralia or Ginseng Family

- *Hedera helix* L. English Ivy

Umbelliferae. Carrot or Parsley Family

- *Eryngium aristulatum* Jeps. Coyote Thistle
- *Scandix pecten-veneris* L. Venus' Comb.
- *Osmorhiza chilensis* H. & A. Wood or Mountain Sweet Cicely
- *Torilis nodosa* (L.) Gaertn. Knotted Hedge Parsley
- *Apiastrum angustifolium* Nutt. Mock Parsley, Wild Celery

- *Sanicula crassicaulis* Poepp. ex DC. Pacific Sanicle
- *S. laciniata* H. & A. Coast Sanicle
- *S. bipinnatifida* Dougl. ex Hook. Purple Sanicle
- *S. bipinnata* H. & A. Poison Sanicle
- *S. tuberosa* Torr. Tuberous Sanicle
- *Anthriscus scandicina* (Weber) Mansf. Bur Chervil
- *Caucalis microcarpa* H. & A. California Hedge Parsley
- *Daucus pusillus* Michx. Rattlesnake Weed.
- *Foeniculum vulgare* Mill. Sweet Fennel
- *Perideridia kelloggii* (Gray) Mathias. Kellogg's Yampan
- *Tauschia hartwegii* (Gray) Macbr. Hartweg's Tauschia
- *T. kelloggii* (Gray) Macbr. Kellogg's Tauschia
- *Oenanthe sarmentosa* Presl. Pacific Oenanthe
- *Conium maculatum* L. Poison Hemlock
- *Heracleum maximum* Bartr. Cow Parsnip
- *Lomatium utriculatum* (Nutt.) C. & R. Common Lomatium
- *L. caruifolium* (H. & A.) C. & R. Caraway-leaved Lomatium
- *L. dasycarpum* (T. & G.) C. & R. Lace Parsnip
- *Angelica tomentosa* Wats. Wood or California Angelica

Cornaceae. Dogwood Family

- *Cornus glabrata* Benth. Brown or Smooth Dogwood
- *C. californica* C. A. Mey. Creek Dogwood

Hybrid Cornus:

- *C. glabrata* x *californica*

Garryaceae. Silk Tassel Family

- *Garrya elliptica* Dougl. Silk Tassel Bush, Quinine Bush

Ericaceae. Heath Family

- *Arbutus menziesii* Pursh. Madrone
- *Arctostaphylos crustacea* Eastw. var. *crustacea*.
Brittle-leaved Manzanita

Primulaceae. Primrose Family

- *Trientalis latifolia* Hook. Pacific Starflower
- *Anagallis arvensis* L. Scarlet Pimpernel
- *Anagallis arvensis* L. f. *azurea* Hylander Blue-flowered
form of the above
- *Centunculus minimus* L. Chaffweed or False Pimpernel
- *Dodecatheon hendersonii* Gray ssp. *hendersonii*
- D. " " " *cruciatum* (Greene)
Thompson. Henderson's Shooting Star
- *D. clevelandii* Greene ssp. *patulum* (Greene) Thompson

Oleaceae. Olive Family

- *Olea europaea* European Olive
- *Ligustrum ovalifolium* Hassk. California Privet

Loganiaceae. Logania Family

- *Buddleia davidii* Franchet. Summer Lilac

Gentianaceae. Gentian Family

- *Microcala quadrangularis* (Lam.) Griseb. Timwort,
American Microcala
- *Centaureum davyi* (Jeps.) Abrams. Davy's Centaury

Apocynaceae. Dogbane Family

- *Vinca major* L. Periwinkle

Asclepiadaceae. Milkweed Family

- *Asclepias fascicularis* Decne. Narrow-leaved Milkweed

Convolvulaceae. Morning-Glory Family

- *Cuscuta subinclusa* Dur. & Hilg. Canyon Dodder
- *Convolvulus subcaulis* (H. & A.) Greene.
Hill Morning-Glory
- *C. occidentalis* Gray. Bush Morning-Glory
- *C. arvensis* L. Field Bindweed
- *Ipomoea purpurea* (L.) Roth. Common Morning-Glory

Polemoniaceae. Phlox or Gilia Family

- *Phlox gracilis* (Hook.) Greene. Slender Phlox

- *Linanthus pygmaeus* (Brand) Howell. Pygmy Linanthus
- *L. androsaceus* (Benth.) Greene. Common Linanthus
- *L. bicolor* (Nutt.) Greene. Bicolored Linanthus
- *Eriastrum abramsii* (Elmer) Mason. Abrams' Eriastrum
- *Navarretia heterodoxa* (Greene) Greene. Calistoga Navarretia
- *N. viscidula* Benth. Sticky Navarretia
- *N. squarrosa* (Esch.) H. & A. Skunkweed
- *Collomia heterophylla* Hook. Varied-leaved Collomia
- *Gilia clivorum* (Jeps.) Grant.
- *G. achilleaefolia* Benth. California Gilia

Hydrophyllaceae. Waterleaf or Phacelia Family

- *Pholistoma auritum* (Lindl.) Lilja ex Lindb.
Common Fiesta Flower
- *Nemophila menziesii* H. & A. var. *menziesii*.
Baby Blue Eyes
- *N. heterophylla* F. & M. Variable-leaved *Nemophila*,
(Baby Pink Eyes by some)
- *N. parviflora* Dougl. ex Benth. Small-flowered *Nemophila*
- *Phacelia nemoralis* Greene. Shade or Stinging *Phacelia*
- *P. californica* Cham. California *Phacelia*
- *P. imbricata* Greene. Imbricate *Phacelia*
- *P. malvaefolia* Cham. Stinging *Phacelia*
- *P. rattanii* Gray. Rattan's *Phacelia*
- *P. distans* Benth. Common *Phacelia*
- *Eriodictyon californicum* (H. & A.) Torr. Yerba Santa

Boraginaceae. Borage Family

- *Cynoglossum grande* Dougl. ex Lehm. Western Hound's Tongue
- *Myosotis latifolia* Poir. Wood Forget-Me-Not
- *Amsinckia menziesii* (Lehm.) Nels. & Macbr.
Menzies Fiddleneck
- *A. intermedia* F. & M. Common Fiddleneck
- Hybrid *Amsinckia*:
- *A. menziesii* x *intermedia*

- *Heliotropium curassavicum* L. var. *oculatum* (Heller)
Johnston ex Tidestrom. Wild Heliotrope
- *Pectocarya penicillata* (H. & A.) A. DC.
Winged Pectocarya
- *P. pusilla* (A. DC.) Gray. Little Pectocarya
- *Cryptantha micromeres* (Gray) Greene. Minute-flowered
Cryptantha
- *C. muricata* (H. & A.) Nels. & Macbr. var. *jonesii*
(Gray) Johnston Prickly Cryptantha
- *C. flaccida* (Dougl.) Greene. Flaccid Cryptantha
- *C. microstachys* (Gray) Greene. Tejon Cryptantha
- *C. torreyana* (Gray) Greene var. *pumila* (Heller)
Johnston. Torrey's Cryptantha
- *C. hispidissima* Greene. Cleveland's Cryptantha
- *Allocarya bracteata* Howell. Bracted Allocarya
- *A. chorisiana* (Cham.) Greene var. *Hickmanii* (Greene)
Jeps. Hickman's Allocarya
- *Plagiobothrys nothofulvus* (Gray) Gray. Popcorn Flower
- *P. tenellus* (Nutt.) Gray. Slender Popcorn Flower

Verbenaceae. Verbena or Vervain Family

- *Verbena lasiostachys* Link. Western Verbena
- *V. robusta* Greene. Robust Vervain

Labiatae. Mint Family

- *Salvia columbariae* Benth. Chia
- *Scutellaria tuberosa* Benth. Skull Cap
- *Melissa officinalis* L. Garden or Lemon Balm
- *Prunella vulgaris* L. ssp. *vulgaris*. Self-heal, Heal-all
- *Marrubium vulgare* L. Common Hoarhound
- *Monardella villosa* Benth. var. *villosa*. Coyote Mint
- *Mentha arvensis* L. var. *lanata* Piper. Field or Marsh Mint
- *M. spicata* L. Spearmint
- *M. piperita* L. Peppermint

- *Lamium amplexicaule* L. Giraffe Head
- *Stachys bullata* Benth. California Hedge Nettle
- *S. rigida* Nutt. ex Benth. ssp. *quercetorum* (Heller)
Epling. Rigid Hedge Nettle
- *S. pycnantha* Benth. Bugle Hedge Nettle ? ¹⁰⁰⁰
- *Lepechinia calycina* (Benth.) Epling. Pitcher Sage
- *Satureja douglasii* (Benth.) Eriq. Yerba Buena
- *Pogogyne serpylloides* (Torr.) Gray.

Thyme-leaved Pogogyne

Solanaceae. Nightshade Family

- *Solanum nodiflorum* Jacq. Small-flowered Nightshade
- *S. umbelliferum* Esch. Blue Witch
- *Physalis ixocarpa* Brot. ex Hornem. Tomatillo
- *Datura stramonium* L. Jimson Weed

Scrophulariaceae. Figwort Family

- *Verbascum thapsus* L. Common Mullein
- *Linaria texana* Scheele. Blue Toadflax
- *Kickxia spuria* (L.) Dumort. Round-leaved Fluellin
- *K. elatine* (L.) Dumont. Sharp-leaved Fluellin
- *Collinsia heterophylla* Buist ex Grah. Chinese Houses
- *C. sparsiflora* F. & M. var. *collina* (Jeps.) Newsom.
- *Scrophularia californica* C. & S. California Bee-Plant
- *Penstemon antirrhinoides* Benth. Chaparral Beard-tongue
- *Digitalis purpurea* L. Purple Foxglove
- *Diplacus aurantiacus* (Curtis) Jeps. Monkey Flower
- *Mimulus guttatus* DC. var. *micranthus* (Heller) Campbell
- M. " " var. *arvensis* (Greene) Grant
- M. " " var. *guttatus*
- M. " " var. *gracilis* (Gray) Campbell
- *M. cardinalis* Dougl. ex Benth. Scarlet Monkey Flower
- *M. douglasii* (Benth.) Gray. Purple Mouse-Ears
- *Veronica americana* (Raf.) Schwein. ex Benth.

American Brooklime

- *Pedicularis densiflora* Benth. ex Hook. Indian Warrior
- *Bellardia trixago* (L.) All. Bellardia
- *Cordylanthus rigidus* (Benth.) Jeps.
Stiffly-branched Bird's-beak
- *C. pilosus* Gray. Hairy Bird's-beak
- *Orthocarpus lithospermoides* Benth. Cream Sacs
- *O. purpurascens* Benth. var. *purpurascens*.
Escobita, Common Owl's Clover
- *O. densiflorus* Benth. Owl's Clover
- *O. attenuatus* Gray. Narrow-leaved Orthocarpus, Valley Tassel
- *O. pusillus* Benth. Dwarf Orthocarpus
- Hybrid Orthocarpus:
- *O. purpurascens* x *lithospermoides*
- *O. purpurascens* x *attenuatus*
- *Castilleja foliolosa* H. & A. Woolly Paint Brush
- *C. franciscana* Pennell Franciscan Paint Brush
- *C. latifolia* H. & A. var. *wightii* (Elmer) Zeile.
Wight's Paint Brush
- *C. affinis* H. & A. Indian Paint Brush

Orobanchaceae. Broomrape Family

- *Orobanche bulbosa* Beck. Chaparral Broomrape

Plantaginaceae. Plantain Family

- *Plantago major* L. Common Plantain
- *P. lanceolata* L. English Plantain, Ribwort, Buckhorn
- *P. erecta* Morris California Plantain

Rubiaceae. Madder Family

- *Sherardia arvensis* L. Blue Field Madder.
- *Galium murale* (L.) All. Wall Bedstraw
- *G. trifidum* L. var. *subbiflorum* Wieg. Trifid Bedstraw
- *G. nuttallii* Gray. Climbing Bedstraw
- *G. californicum* H. & A. California Bedstraw
- *G. triflorum* Michx. Fragrant Bedstraw
- *G. aparine* L. Goose Grass, Cleavers, Bedstraw

Caprifoliaceae. Honeysuckle Family

- Sambucus mexicana Presl ex DC. Blue Elderberry
- Symphoricarpos albus (L.) Blake var. laevigatus (Fern.)
Blake. Common Snowberry
- S. mollis Nutt. Creeping or Trailing Snowberry
- Lonicera hispidula Dougl. ex Lindl. Hairy Honeysuckle

Dipsacaceae. Teasel Family

- Dipsacus fullonum L. Fuller's Teasel

Valerianaceae. Valerian Family

- Plectritis congesta (Lindl.) DC. ssp congesta. Pink P.
- P. " " " ssp. brachystemon (F. & M.)
Morey
- P. ciliosa (Greene) Jeps. ssp. insignis. (Suksd.) Morey.
- P. macrocera T. & G. White Plectritis

Cucurbitaceae. Gourd Family

- Marah fabaceus (Naud.) Greene. Wild Cucumber, Manroot

Campanulaceae. Bellflower Family

- Triodanus biflora (R. & P.) Greene. Small Venus' Looking-
glass
- Heterocodon rariflorum Hutt. Heterocodon

Compositae. Sunflower Family

Cichorieae. Chicory Tribe

- Cichorium intybus L. Chicory
- Microseris linearifolia (Nutt.) Sch.-Bip. Uropappus
- M. heterocarpa (Nutt.) Chambers. Derived Microseris
- M. douglasii (DC.) Sch.-Bip. ssp. douglasii.
Douglas' Microseris
- Stephanomeria virgata Benth. Tall Stephanomeria
- Hypochaeris radicata L. Hairy Cat's Ear
- H. glabra L. Smooth Cat's Ear
- Picris echioides L. Bristly Ox Tongue
- Tragopogon porrifolius L. Oyster Root, Salsify

- *Rafinesquia californica* Nutt. California Chicory
- *Taraxacum officinale* Weber. Common Dandelion
- *Agoseris heterophylla* (Nutt.) Greene. Annual Agoseris
- *A. apargioides* (Less.) Greene var *apargioides*.
- *A. grandiflora* (Nutt.) Greene. California Dandelion
- *Lactuca saligna* L. Willow Lettuce
- *L. serriola* L. Prickly or Wild Lettuce
- *Sonchus oleraceus* L. Common Sow Thistle
- *S. asper* (L.) Hill. Prickly Sow Thistle
- *Hieracium albiflorum* Hook. White-flowered Hawkweed
- *Crepis vesicaria* L. ssp. *taraxacifolia* (Thuill.) Thell.
Weedy Hawksbeard

Astereae. Aster Tribe

- *Baccharis pilularis* DC. var. *consanguinea* (DC.) Kuntze.
Coyote Brush
- *B. douglasii* DC. Douglas' Baccharis
- *Grindelia hirsutula* H. & A. Hirsute Grindelia
- *G. camporum* Greene. Gum Weed
- *Chrysopsis villosa* (Pursh) Nutt. var. *echioides* (Benth.) Gray.
- *Solidago occidentalis* (Nutt.) T. & G. Western Goldenrod
- *S. californica* Nutt. California Goldenrod
- *Chaetopappa alsinoides* (Greene) Keck. Tiny Chaetopappa
- *Aster chilensis* Nees. California Aster
- *A. radulinus* Gray. Broad-leaved Aster
- *Conyza canadensis* (L.) Cronq. Horseweed
- *Erigeron philadelphicus* L. Fleabane, Philadelphia Daisy
- *E. karvinskianus* DC.
- *Lessingia germanorum* Cham. var. *tenuipes* Howell
- *L. hololeuca* Greene var. *hololuca*. Wolly-headed Lessingia

Inuleae. Everlasting Tribe

- Gnaphalium palustre Nutt. Lowland Cudweed
- G. purpureum L. Purple Cudweed
- G. luteo-album L. Weedy Cudweed
- G. beneolens Davison. Fragrant Everlasting
- G. californicum DC. California Cudweed
- Psilocarphus tenellus Nutt. Slender Woolly-heads
- Filago gallica (L.) L. Narrow-leaved Filago
- Evax sparsiflora (Gray) Jeps. Erect Evax
- Micropus californicus F. & M. Slender Cottonweed

Heliantheae. Sunflower Tribe

- Wyethia glabra Gray. Mule Ears
- W. angustifolia (DC.) Nutt. Narrow-leaved Mule Ears
- Helianthella californica Gray. California Helianthella

Madieae. Tarweed Tribe

- Achyrachaena mollis Schauer. Blow-Wives
- Legophylla ramosissima Nutt. Common Hareleaf
- Layia hieracioides (DC.) H. & A. Tall Layia
- L. platyglossa (F. & M.) Gray ssp. campestris Keck.
Tidy Tips
- Madia madioides (Nutt.) Greene. Woodland Madia
- M. gracilis (Smith) Keck. Slender Tarweed
- M. capitata Nutt. Headland Tarweed
- M. sativa Molina. Common Tarweed
- M. exigua (Smith) Gray. Small Tarweed
- Hemizonia corymbosa (DC.) T. & G. Coast Tarweed
- H. luzulaefolia DC. ssp. rudis (Benth.) Keck. Tarweed
- Calycadenia multiglandulosa DC. ssp. robusta Keck.

Rosinweed

Ambrosieae. Ragweed Tribe

- Xanthium strumarium L. Cocklebur

Helenieae. Sneezeweed Tribe

- *Eriophyllum confertiflorum* (DC.) Gray. Golden Eriophyllum,
Yellow Yarrow
- *E. lanatum* (Pursh) Forbes var. *arachnoideum* (Wisch. &
Ave-Lall.) Jeps. Woolly Sunflower
- *Helenium puberulum* DC. Rosilla, Sneezeweed
- *Monolopia gracilens* Gray. Woodland Monolopia
- *Rigiopappus leptocladus* Gray.
- *Baeria chrysostoma* F. & M. ssp. *chrysostoma*. Goldfields
- *Lasthenia glaberrima* DC. Smooth Lasthenia

Anthemideae. Mayweed Tribe

- *Achillea millefolium* L. var. *californica* (Pollard) Jeps.
Common Yarrow
- *Anthemis cotula* L. Mayweed
- *Chrysanthemum parthenium* (L.) Bernh. Feverfew
- *Soliva sessilis* R. & P. Common Soliva
- *Matricaria matricarioides* (Less.) Porter. Pineapple Weed
- *Cotula coronopifolia* L. Brass Buttons
- *Artemisia californica* Less. California Sage
- *A. douglasiana* Bess. Douglas' Mugwort
- *A. biennis* Willd. Biennial Sagewort.

Senecioneae. Groundsel Tribe

- *Arnica discoidea* Benth. Rayless Arnica
- *Petasites frigidus* (L.) Fries var. *palmatus* (Ait.)
Cronq. Western Coltsfoot
- *Senecio vulgaris* L. Common Groundsel
- *S. aronicoides* DC. California Butterweed
- *S. minimus* Poir. Toothed Coast Fireweed

Cynareae. Thistle Tribe

- *Arctium lappa* L. Great Burdock
- *Centaurea calcitrapa* L. Purple Star Thistle
- *C. solstitialis* L. Yellow Star Thistle

- *Centaurea melitensis* L. Tocalote, Napa Thistle
- *Silybum marianum* (L.) Gaertn. Milk Thistle
- *Cirsium vulgare* (Savi) Tenore. Common or Bull Thistle
- *C. brevistylum* Cronq. Indian Thistle
- *C. occidentale* (Nutt.) Jeps. Cobweb Thistle
- *Cardus tenuiflorus* Curtis. Slender-flowered Thistle
- *C. pycnocephalus* L. Italian Thistle