

## TAXONOMY OF CALIFORNIA PLANTS - SPECIES LIST: Spring 2014

(\*= naturalized; ` =long; ' =short; H=herb; S=shrub; Su=subshrub; T=tree; V=vine; A=annual; B=biennial; P=perennial)  
 (revised 8 Nov 2014)

### **MISSION TRAILS PARK (COWLES MTN.): Inland Sage Scrub, Chaparral, & Disturbed**

|   |                           |                 |    |
|---|---------------------------|-----------------|----|
| 1. <i>Hesperoyucca whipplei</i> ("western" + Haitian name for manihot + "A.W. Whipple")                               | Our Lord's Candle         | Agavaceae       | S  |
| 2. <i>Malosma laurina</i> ("bad odor" + "like Laurus") [ <i>Rhus laurina</i> ]  | Laurel Sumac              | Anacardiaceae   | S  |
| 3. <i>Artemisia californica</i> ("Artemisia," wife of Mausolus + "of California")                                     | Coastal Sagebrush         | Asteraceae      | S  |
| 4. <i>Baccharis sarothroides</i> ("Bacchus," god of wine + "broom")   | Broom Baccharis           | Asteraceae      | S  |
| 5. <i>Bahiopsis laciniata</i> ("like Bahia" + "lacinate") [ <i>Viguiera l.</i> ]                                      | San Diego-Sunflower       | Asteraceae      | S  |
| 6. <i>Gutierrezia sarothrae</i> ("P. Gutierrez" + "broom")  | Broom Matchweed/Snakeweed | Asteraceae      | Su |
| 7. <i>Hazardia squarrosa</i> ("B. Hazard" + "squarrose") [ <i>Haplopappus squarrosus</i> ]                            | Saw-toothed Goldenbush    | Asteraceae      | S  |
| 8. <i>Porophyllum gracile</i> ("pore leaf" + "slender")   | Odora                     | Asteraceae      | Su |
| 9. <i>Hirschfeldia incana</i> * ("Hirschfeld" + "grey-pubescent") [ <i>Brassica geniculata</i> ]                      | Short-Pod Mustard         | Brassicaceae    | HA |
| 10. <i>Cylindropuntia prolifera</i> ("cylindrical <i>Opuntia</i> " + "prolific")                                      | Coastal cholla            | Cactaceae       | S  |
| 11. <i>Marah macrocarpa</i> var. <i>macrocarpa</i> (Abor. name or Exodus 15:23 + "large fruit")                       | Wild-Cucumber             | Cucurbitaceae   | VP |
| 12. <i>Xylococcus bicolor</i> ("wood berry" + "two-colored")  | Mission Manzanita         | Ericaceae       | S  |
| 13. <i>Euphorbia polycarpa</i> (ancient Gr. name + "many-fruited") [ <i>Chamaesyce p.</i> ]                           | Snakeroot                 | Euphorbiaceae   | HP |
| 14. <i>Acmspon glaber</i> var. <i>glaber</i> (Gr. "tip," for hook-tipped fr + "glabrous") [ <i>Lotus s. var. s.</i> ] | Deerweed                  | Fabaceae (Fab.) | Su |
| 15. <i>Salvia mellifera</i> ("to save" + "honey-bearing")   | Black Sage                | Lamiaceae       | S  |
| 16. <i>Diplacus puniceus</i> ("+" + "orange-red") [ <i>Mimulus aurantiacus</i> ]                                      | Coast Monkey Flower       | Phrymaceae      | S  |
| 17. <i>Eriogonum fasciculatum</i> var. <i>fasciculatum</i> ("wool knee" + "fascicled")                                | California Buckwheat      | Polygonaceae    | S  |
| 18. <i>Cheilanthes newberryi</i> ("lip" + "J. Newberry, 1822-1892")   | California Cotton Fern    | Pteridaceae     | HP |
| 19. <i>Pellaea mucronata</i> var. <i>mucronata</i> ("dusky" + "mucronate")  | Bird's Foot Cliff-Brake   | Pteridaceae     | HP |
| 20. <i>Ceanothus tomentosus</i> (Greek name for spiny pl. + "tomentose")  | Ramona-Lilac              | Rhamnaceae      | S  |
| 21. <i>Rhamnus crocea</i> (ancient Greek name + "saffron-colored, yellow")  | Spiny Redberry            | Rhamnaceae      | S  |
| 22. <i>Adenostoma fasciculatum</i> ("gland mouth" + "fascicled")  | Chamise                   | Rosaceae        | S  |
| 23. <i>Selaginella bigelovii</i> ("Selago" + "J. M. Bigelow")   | Bigelow's Spike-Moss      | Selaginellaceae | HP |
| 24. <i>Selaginella cinerascens</i> ("Selago" + "ashy gray")   | Mesa Spike-Moss           | Selaginellaceae | HP |

### **MISSION TRAILS PARK (OLD MISSION DAM): Riparian Woodland**

|  |                       |             |   |
|--|-----------------------|-------------|---|
| 25. <i>Baccharis salicifolia</i> subsp. <i>salicifolia</i> ("Bacchus" + "willow-leaved")   | Mule Fat, Seep-Willow | Asteraceae  | S |
| 26. <i>Platanus racemosa</i> (ancient Gr. name + "raceme")   | Western Sycamore      | Platanaceae | T |
| 27. <i>Populus fremontii</i> subsp. <i>fremontii</i> (classical L. name + "John C. Fremont") [ <i>P. f.</i> ] Western Cottonwood | Western Cottonwood    | Salicaceae  | T |
| 28. <i>Salix lasiolepis</i> (classical name + "shaggy scale")  | Arroyo Willow         | Salicaceae  | T |

### **MISSION TRAILS PARK (OLD MISSION DAM): Coastal Sage Scrub, Chaparral, & Oak Woodland**

|  |                               |                 |     |
|--|-------------------------------|-----------------|-----|
| 29. <i>Sambucus nigra</i> subsp. <i>caerulea</i> (Gr. musical instr. + "black" + "blue") [ <i>S. mexicana</i> ] Blue Elderberry    | Blue Elderberry               | Adoxaceae       | S   |
| 30. <i>Rhus integrifolia</i> (ancient Gr. name for sumac + "entire-leaved")  | Lemonadeberry                 | Anacardiaceae   | S   |
| 31. <i>Toxicodendron diversilobum</i> ("poison tree" + "diversely-lobed") [ <i>T. radicans</i> subsp. <i>d.</i> ] W. Poison-Oak    | W. Poison-Oak                 | Anacardiaceae   | S   |
| 32. <i>Isocoma menziesii</i> var. <i>vernonioides</i> ("equal hair" + Archibald Menzies + like <i>Vernonia</i> )                   | Goldenbush                    | Asteraceae      | S   |
| 33. <i>Quercus agrifolia</i> var. <i>agrifolia</i> (classical L. name + "scabby-leaved")   | Coast Live Oak                | Fagaceae        | T   |
| 34. <i>Erodium botrys</i> * ("heron" + "bunched, like grapes")   | Long-Beak Filaree/Storksbill  | Geraniaceae     | HA  |
| 35. <i>Erodium cicutarium</i> * ("heron's bill" + "like <i>Cicuta</i> ")   | Red-Stem Filaree/Storksbill   | Geraniaceae     | HA  |
| 36. <i>Erodium moschatum</i> * ("heron's bill" + "musky")  | White-Stem Filaree/Storksbill | Geraniaceae     | HA  |
| 37. <i>Ribes indecorum</i> (ancient Arabic name + "not elegant")   | White Flower Currant          | Grossulariaceae | S   |
| 38. <i>Salvia apiana</i> (L. salveo, "I am well" + "of bees")  | White Sage                    | Lamiaceae       | S   |
| 39. <i>Malacothamnus fasciculatus</i> ("soft shrub" + "fascicled")   | Chaparral Mallow, Bushmallow  | Malvaceae       | S   |
| 40. <i>Claytonia perfoliata</i> subsp. <i>perfoliata</i> (John "Clayton" + "perfoliate")   | Miner's-Lettuce               | Montiaceae      | HA  |
| 41. <i>Mirabilis laevis</i> var. <i>crassifolia</i> ("wonderful" + "smooth" + "thick-leaved")                                      | Coastal Wishbone Plant        | Nyctaginaceae   | Su  |
| 42. <i>Avena barbata</i> * (ancient L. name + "bearded")   | Slender Wild Oat              | Poaceae         | HA  |
| 43. <i>Brromium diandrus</i> * (ancient Gr. for oat + "two males")   | Ripgut Grass                  | Poaceae         | HA  |
| 44. <i>Brromium madritensis</i> subsp. <i>rubens</i> * (ancient Gr. for oat + "Madrid" + "reddish") [ <i>B. r.</i> ] Foxtail Chess | Foxtail Chess                 | Poaceae         | HA  |
| 45. <i>Stipa pulchra</i> ("Gr. "stufe/stuppeion," fiber + "pulchros," beautiful) [ <i>Nasella p.</i> ]                             | Purple Needlegrass            | Poaceae         | HP  |
| 46. <i>Pentagramma triangularis</i> subsp. <i>maxonii</i> ("five-line" + "triangular")   | Maxon's Silverback Fern       | Pteridaceae     | HP  |
| 47. <i>Thlaspi fendleri</i> var. <i>polycarpum</i> (old name + "Fendler" + "many fruits")  | Fendler's Meadow-Rue          | Ranunculaceae   | HP  |
| 48. <i>Cercocarpus minutiflorus</i> ("tail fruit" + "small flowered")  | San Diego Mountain-Mahogany   | Rosaceae        | S   |
| 49. <i>Heteromeles arbutifolia</i> ("different apple" + "Arbutus-leaved")  | Toyon, Christmas Berry        | Rosaceae        | S   |
| 50. <i>Prunus ilicifolia</i> subsp. <i>ilicifolia</i> (ancient L. for "plum" + " <i>Ilex</i> -leaved")                             | Islay, Holly-Leaved Cherry    | Rosaceae        | S-T |
| 51. <i>Dichelostemma capitatum</i> subsp. <i>capitatum</i> ("cleft crown" + "head-like") [ <i>D. pulchellum</i> ] Blue Dicks       | Blue Dicks                    | Themidaceae     | HP  |

### TORREY PINE STATE RESERVE: Pine Woodland, Inland Sage Scrub, Chaparral, & Coastal Strand

|   |                            |                |      |
|---|----------------------------|----------------|------|
| 52. <b>Yúcea schidígera</b> (Haitian name for "manihot" + "spine bearing")  | Mohave Yucca               | Agavaceae      | S    |
| 53. <b>Lomàtium lùcidum</b> ("border" + "shining")  | Shiny Lomatium             | Apiaceae       | HP   |
| 54. <b>Encèlia califòrnica</b> ("C. Encel" + "of California")   | California Encelia         | Asteraceae     | S    |
| 55. <b>Eriophy'llum confertiflòrum</b> var. <b>confertiflorum</b> ("wool leaf" + "crowded flowers")                               | Golden-Yarrow              | Asteraceae     | Su   |
| 56. <b>Leptos'yne marítima</b> ("slender together" + "of the sea") [Coreópsis m.]   | San Diego Sea-Dahlia       | Asteraceae     | HP   |
| 57. <b>Cryptántha intermèdia</b> ("hidden flower" + "intermediate")   | Nievitas Cryptantha        | Boraginaceae   | HA   |
| 58. <b>Eriodíctyon crassifòlium</b> var. <b>crassifoliúm</b> ("wool net" + "thick-leaved")  | Felt-Leaf Yerba Santa      | Boraginaceae   | S    |
| 59. <b>Phacèlia distans</b> (Gr. "cluster," in ref. to fls. + "separated," in ref. to stamens)                                    | Phacelia                   | Boraginaceae   | HA   |
| 60. <b>Cardámíne califòrnica</b> ("Gr. a cress with medicinal use" + "of California")   | Milk Maids, Toothwort      | Brassicaceae   | HP   |
| 61. <b>Ferocáctus viridéscens</b> ("fierce cactus" + "greenish?")   | Coast Barrel Cactus        | Cactaceae      | S    |
| 62. <b>Opúntia littorális</b> ("ancient L. name" + "littoral, seashore")  | Coastal Prickly-Pear       | Cactaceae      | S    |
| 63. <b>Peritòma arbòrea</b> var. <b>arbòrea</b> ("cutting all-around," fr. calyx + "tree-like") [ <i>Isomeris a.</i> ] Bladderpod |                            | Cleomaceae     | S    |
| 64. <b>Calystègia macrostègia</b> subsp. <b>tenuifòlia</b> ("cup covering" + "large roof" + "thin-leaf")                          | Morning-Glory              | Convolvulaceae | VP   |
| 65. <b>Dúdleya édulis</b> ("W. R. Dudley" + "edible")   | Ladies' Fingers            | Crassulaceae   | Su   |
| 66. <b>Dúdleya lanceolàta</b> ("W. R. Dudley" + "lanceolate")   | Coastal Dudleya            | Crassulaceae   | HP   |
| 67. <b>Quérucus dumòsa</b> (classical L. name + "bushy")  | Nuttall's Scrub Oak        | Fagaceae       | S-T  |
| 68. <b>Abrònìa umbellàta</b> var. <b>umbellàta</b> (Gk. <i>abros</i> "graceful" + "umbel")  | Beach Sand-Verbena         | Nyctaginaceae  | HP   |
| 69. <b>Dendromècon rígida</b> ("tree poppy" + "rigid") [D. r. subsp. r.]  | Bush-Poppy                 | Papaveraceae   | S    |
| 70. <b>Eschschòlzia califòrnica</b> ("J. F. Eschscholtz, Russian naturalist" + "of California")                                   | California Poppy           | Papaveraceae   | HA/P |
| 71. <b>Pinus torreyàna</b> (classical L. name + "John Torrey")  | Torrey Pine                | Pinaceae       | T    |
| 72. <b>Linánthus dianthiflòrus</b> (Gr. "linon," flax + "anthos," flower + "Dianthus-flowered")                                   | Linanthus                  | Polemoniaceae  | HA   |
| 73. <b>Polypòdium califòrnicum</b> ("many feet" + "of California")  | California Polypody        | Polypodiaceae  | HP   |
| 74. <b>Ceanòthus verrucòsus</b> (Greek name for spiny pl. + "verrucose, warty")   | Wart-Stem-Lilac            | Rhamnaceae     | S    |
| 75. <b>Gàlium angustifòlium</b> subsp. <b>angustifòlium</b> ("milk" + "narrow-leaved")  | Narrow-Leaf Bedstraw       | Rubiaceae      | H    |
| 76. <b>Cneorídium dumòsum</b> ("resembling Cneorum" + "bushy")  | Coast Spice Bush, Bush-Rue | Rutaceae       | S    |
| 77. <b>Solànum parishii</b> ("quieting" + "Samuel B. Parish")   | Parish's Nightshade        | Solanaceae     | Su   |

### ANZA BORREGO STATE PARK: Desert and Desert Transition: Perennials

#### Creosote Bush Scrub, Dry Desert Wash, Succulent Desert Scrub, Alkaline Desert Wash

|  |                             |                  |     |
|--|-----------------------------|------------------|-----|
| 78. <b>Justícia califòrnica</b> ("James Justice" + "of California") [Beloperone c.]  | Chuparosa, Beloperone       | Acanthaceae      | S   |
| 79. <b>Agáve déserti</b> subsp. <b>déserti</b> ("noble, admirable" + "of the desert")                                      | Desert Agave                | Agavaceae        | S   |
| 80. <b>Atripléx polycárpa</b> (ancient L. name + "many fruit")   | Many-Fruit Saltbush         | Chenopodiaceae   | S   |
| 81. <b>Pilóstyles thûrberi</b> ("hair pillar" + "Thurber") [Note: parasitic, the host usually <i>Psorothamnus emoryi</i> ] |                             | Apodanthaceae    |     |
| 82. <b>Washingtonia filifera</b> ("George Washington" + "bearing filaments")   | California Fan Palm         | Arecaceae        | T   |
| 83. <b>Ambròsia dumòsa</b> (ancient Gr. & L. name + "shrubby")   | White Bur-Sage/Burro-Weed   | Asteraceae       | S   |
| 84. <b>Ambròsia salsòla</b> var. <b>salsòla</b> (ancient Gr. & L. name + "Salsola")  | Cheesebush, Burrobrush      | Asteraceae       | S   |
| 85. <b>Encèlia farinòsa</b> ("C. Encel" + "farinose")  | Brittlebush, Incienso       | Asteraceae       | S   |
| 86. <b>Chilópsis lineàris</b> subsp. <b>arcuàta</b> ("lip resemblance" + "linear" + "curved")                              | Desert-Willow               | Bignoniaceae     | T   |
| 87. <b>Búrsera microphylla</b> ("J. Burser" + "small-leaved")  | Small-Leaf Elephant Tree    | Burseraceae      | T   |
| 88. <b>Cylindropùntia bigelòvii</b> ("cylindrical O." + "J. M. Bigelow")   | Teddy-Bear/Jumping Cholla   | Cactaceae        | S   |
| 89. <b>Cylindropùntia gándezi</b> ("cylindrical O." + "Gander")  | Gander's Cholla             | Cactaceae        | S   |
| 90. <b>Echinocèreus engelmánnii</b> ("hedgehog cereus" + "Engelmann")  | Engelmann's Hedgehog Cactus | Cactaceae        | S   |
| 91. <b>Ferocáctus cylindràceus</b> ("fierce cactus" + "cylindrical") [F. acanthodes]                                       | California Barrel Cactus    | Cactaceae        | S   |
| 92. <b>Mammillària dioica</b> (L. <i>mammilla</i> , "nipple" + "dioecious")  | Fish-Hook Cactus            | Cactaceae        | S   |
| 93. <b>Opúntia basilàris</b> (old L. name + "base, bottom")  | Beavertail Cactus           | Cactaceae        | S   |
| 94. <b>Ephèdra</b> sp. (ancient name for Equisetum)  | Ephedra, Mormon Tea         | Ephedraceae      | S   |
| 95. <b>Acal'ypha califòrnica</b> ("nettle" + "of California")  | California Copperleaf       | Euphorbiaceae    | S   |
| 96. <b>Sénna armàta</b> ("Arabic for Sana" + "armed")  | Spiny Senna                 | Fabaceae (Caes.) | S   |
| 97. <b>Psorothámnus émoryi</b> ("itch shrub" + W. H. "Emory," 1811-1887) [ <i>Dalea emoryi</i> ]                           | White-Dalea                 | Fabaceae (Fab.)  | S   |
| 98. <b>Psorothámnus schöttii</b> ("itch shrub" + "Schott") [ <i>Dalea schottii</i> ]                                       | Indigo Bush                 | Fabaceae (Fab.)  | S   |
| 99. <b>Psorothámnus spinòsus</b> ("itch shrub" + "spinose") [ <i>Dalea spinosa</i> ]                                       | Smoke Tree                  | Fabaceae (Fab.)  | T   |
| 100. <b>Prosòpis glandulòsa</b> var. <b>torreyàna</b> (ancient name burdock + "glandular")                                 | Honey Mesquite              | Fabac. (Mim.)    | S-T |
| 101. <b>Senegália gréggii</b> ("Senegal"? + naturalist Josiah Gregg," 1806-1850) [Acacia g.]                               | Catclaw Acacia              | Fabac. (Mim.)    | S-T |
| 102. <b>Fouquièria spléndens</b> subsp. <b>spléndens</b> ("P. E. Fouquier" + "splendid")                                   | Ocotillo                    | Fouquieriaceae   | S   |
| 103. <b>Kramèria bicolor</b> [K. grayi] ("J.G.H. Kramer" + "2-colored")  | White Ratany                | Krameriaeae      | S   |
| 104. <b>Condea émoryi</b> ("turned black" + "W. H. "Emory," 1811-1887") [Hyptis e.]  | Desert-Lavender             | Lamiaceae        | S   |
| 105. <b>Prúnus fremontii</b> (ancient L. name of plum + "John C. Fremont")   | Desert Apricot              | Rosaceae         | S   |
| 106. <b>Simmónsia chinénsis</b> ("F. W. Simmonds" + "of China")  | Jojoba, Goatnut             | Simmondsiaceae   | S   |
| 107. <b>Phoradéndron califòrnicum</b> ("thief tree" + "of California")   | Desert Mistletoe            | Viscaceae        | S   |
| 108. <b>Lárrea tridentata</b> ("J.A. de Larrea" + "3-toothed") [L. divaricata subsp. t.]                                   | Creosote Bush               | Zygophyllaceae   | S   |

### Pinyon Pine - Juniper Woodland

|  |                           |                |    |
|--|---------------------------|----------------|----|
| 109. <b><i>Juniperus californica</i></b> (ancient classical name + "of California")                            | California Juniper        | Cupressaceae   | S  |
| 110. <b><i>Quercus cornelius-mulleri</i></b> [Q. <i>turbinella</i> ] (classical L. name + "C.-M.")             | Desert Scrub Oak          | Fagaceae       | S  |
| 111. <b><i>Pinus monophylla</i></b> (classical L. name + "one-leaved")   | Single-Leaf Pinyon        | Pinaceae       | T  |
| 112. <b><i>Coleogyne ramosissima</i></b> ("female" + "most highly branched")                                   | Blackbush                 | Rosaceae       | S  |
| <b>Annuals (a few)</b>   |                           |                |    |
| <b><i>Hesperocallis undulata</i></b> (Gk. <i>hesperos</i> , "western" and <i>kallos</i> "beauty" + "undulate") | Desert Lily               | Agavaceae      | HA |
| <b><i>Chaenactis fremontii</i></b> ("gaping ray" + "John C. Fremont")  | Desert Pincushion         | Asteraceae     | HA |
| <b><i>Malacothrix glabrata</i></b> ("soft hair" + "glabrate, smooth") [ <i>M. californica</i> var. g.]         | Desert Dandelion          | Asteraceae     | HA |
| <b><i>Palafoxia arida</i></b> var. <b><i>arida</i></b> (J. R. de Palafox y Melzi, 1776-1847 + "arid")          | Desert Spanish Needles    | Asteraceae     | HA |
| <b><i>Perityle emoryi</i></b> ("around the callus/margin," + W. H. "Emory," 1811-1887)                         | Emorys Rock-Daisy         | Asteraceae     | HA |
| <b><i>Dithyrea californica</i></b> (Gk. <i>dis</i> , "two" and <i>thureos</i> , "shield" + "of California")    | Spectacle-Pod             | Brassicaceae   | HA |
| <b><i>Salvia columbariae</i></b> ("to save" + "dove-like")   | Chia                      | Lamiaceae      | HA |
| <b><i>Abronia villosa</i></b> (Gk. <i>abros</i> "graceful" + "villous")  | Sand-Verbena              | Nyctaginaceae  | HA |
| <b><i>Chylismia boothii</i></b> subsp. <b><i>condensata</i></b> [ <i>Camissonia b.</i> subsp. <i>c.</i> ]      | Desert Lantern            | Onagraceae     | HA |
| <b><i>Chylismia claviformis</i></b> subsp. <b><i>peirsonii</i></b> [ <i>Camissonia c.</i> subsp. <i>p.</i> ]   | Peirson's Evening Primose | Onagraceae     | HA |
| <b><i>Oenothera deltoides</i></b> subsp. <b><i>deltoides</i></b>   | Dune Evening-Primrose     | Onagraceae     | HA |
| <b><i>Eschscholzia minutiflora</i></b>   | Pygmy Gold-Poppy          | Papaveraceae   | HA |
| <b><i>Eschscholzia parishii</i></b>  | Parish's Gold-Poppy       | Papaveraceae   | HA |
| <b><i>Chorizanthe brevicornu</i></b> var. <b><i>brevicornu</i></b>   | Brittle Spine Flower      | Polygonaceae   | HA |
| <b><i>Eriogonum inflatum</i></b>   | Desert Trumpet            | Polygonaceae   | HA |
| <b><i>Diplacus bigelovii</i></b> var. <b><i>bigelovii</i></b> [ <i>Mimulus b.</i> var. <i>b.</i> ]             | Bigelow's Monkey Flower   | Phrymaceae     | HA |
| <b><i>Mohavea confertiflora</i></b> (stream name where 1st collected + "crowded flowers")                      | Ghost Flower              | Plantaginaceae | HA |

### VERNAL POOL PLANTS

|  |   |                |    |
|--|---|----------------|----|
| 113. <b><i>Eryngium aristulatum</i></b> var. <b><i>parishii</i></b>  | Coyote Thistle                          | Apiaceae       | HP |
| 114. <b><i>Cotula coronopifolia</i></b> * ("small cup" + "crown leaf")   | Brass Buttons                           | Asteraceae     | HA |
| 115. <b><i>Psilocarphus brevissimus</i></b> / <b><i>P. tenellus</i></b> ("smooth fruit" +)                       | Wooly Marbles / Slender Wooly-Heads     | Asteraceae     | HA |
| 116. <b><i>Plagiobothrys acanthocarpus</i></b> ("on the side pit" + "spiny fruit")                               | Popcorn Flower                          | Boraginaceae   | HA |
| 117. <b><i>Downingia cuspidata</i></b> ("A. J. Downing" + "cuspidate")   | Downingia                               | Campanulaceae  | HA |
| 118. <b><i>Crassula aquatica</i></b> (diminutive of "thick" + "aquatic")   | Water Pygmyweed                         | Crassulaceae   | HA |
| 119. <b><i>Eleocharis macrostachya</i></b> ("marsh grace" + "large spiked")                                      | Spike-Rush                              | Cyperaceae     | HA |
| 120. <b><i>Elatine brachysperma</i></b> / <b><i>E. californica</i></b> (classical name +)                        | Yerba Fango / Yerba Estera              | Elatinaceae    | HA |
| 121. <b><i>Isoetes howellii</i></b> / <b><i>I. orcuttii</i></b> ("ever green" +)                                 | Howell's Quillwort / Orcutt's Quillwort | Isoetaceae     | HA |
| 122. <b><i>Triglochin scilloides</i></b> ("three points," in ref. to fruit + "like Scilla") [ <i>Lilaea s.</i> ] | Flowering Quillwort                     | Juncaginaceae  | HA |
| 123. <b><i>Pogogyne abramsii</i></b> ("beard female" + "L. Abrams")  | San Diego Mesa Mint, Abrams Mesa Mint   | Lamiaceae      | HA |
| 124. <b><i>Lythrum hyssopifolium</i></b> (ancient name + "Hyssopus-leaved")                                      | Grass Poly                              | Lythraceae     | HA |
| 125. <b><i>Pilularia americana</i></b> ("little ball" + "American")  | Pillwort                                | Marsileaceae   | HA |
| 126. <b><i>Anagallis minima</i></b> ("again to delight in" + "smallest") [ <i>Centunculus minimus</i> ]          | Common Chaffweed                        | Myrsinaceae    | HA |
| 127. <b><i>Deschampsia danthonioides</i></b> ("J.L.-Deslongchamps" + "like Danthonia")                           | Annual Hairgrass                        | Poaceae        | HA |
| 128. <b><i>Callitricha marginata</i></b> ("beautiful hair" + "margin") [ <i>C. longipedunculata</i> ]            | Water Starwort                          | Plantaginaceae | HA |
| 129. <b><i>Brodiaea orcuttii</i></b> ("Brodie" + "Orcutt")   | Orcutt Brodiaea                         | Themidaceae    | HP |

### VERNAL POOL ASSOCIATES (also found outside vernal pools)

|  |                     |               |    |
|--|---------------------|---------------|----|
| 130. <b><i>Lasthenia gracilis</i></b> ("Gr. girl in disguise" + "graceful") [ <i>Lasthenia californica</i> ] | Goldfields          | Asteraceae    | HA |
| 131. <b><i>Zeltnera venusta</i></b> ("Centaurus" + "charming") [ <i>Centaurium v.</i> ]                      | Centaury            | Gentianaceae  | HA |
| 132. <b><i>Sisyrinchium bellum</i></b> (ancient name for Iris relative + "handsome")                         | Blue-Eyed-Grass     | Iridaceae     | HP |
| 133. <b><i>Castilleja exserta</i></b> (D. "Castellaja" + "exserted") [ <i>Orthocarpus purpurascens</i> ]     | Purple Owl's-Clover | Orobanchaceae | HA |
| 134. <b><i>Castilleja densiflora</i></b> (D. "Castellaja" + "dense-flowered") [ <i>Orthocarpus d.</i> ]      | Owl's-Clover        | Orobanchaceae | HA |
| 135. <b><i>Muilla maritima</i></b> (anagram of "Allium" + "maritime")  | Coastal Muilla      | Themidaceae   | HP |

### TIJUANA ESTUARY

#### Salt Marsh & Coastal Strand

|  |                        |                |    |
|--|------------------------|----------------|----|
| 136. <b><i>Arthrocnemum subterminale</i></b> ("joint leg" + "subterminal") [ <i>Salicornia s.</i> ]                        | Parish's Pickleweed    | Amaranthaceae  | Su |
| 137. <b><i>Salicornia pacifica</i></b> ("fleshy horn" + "Pacific") [ <i>Sarcocornia p.</i> ; <i>Salicornia virginica</i> ] | Pacific Pickleweed     | Amaranthaceae  | Su |
| 138. <b><i>Jaumea carnosa</i></b> ("I. H. Jaume St. Hilaire" + "fleshy")   | Salty Susan            | Asteraceae     | Su |
| 139. <b><i>Batis maritima</i></b> (Gr. name of seashore plant + "of the sea")  | Saltwort, Beachwort    | Bataceae       | Su |
| 140. <b><i>Cressa truxillensis</i></b> ("Kressa," Cretan woman + "fierce")   | Alkali Weed            | Convolvulaceae | HP |
| 141. <b><i>Cuscuta pacifica</i></b> (Arabic name + "of the Pacific")   | Rough Saltmarsh Dodder | Convolvulaceae | V  |
| 142. <b><i>Frankenia salina</i></b> ("J. Franke" + "salty")  | Alkali-Heath           | Frankeniaceae  | Su |
| 143. <b><i>Triglochin maritima</i></b> ("three point" + "of the sea") [ <i>Triglochin concinna</i> ]                       | Arrow-Grass            | Juncaginaceae  | H  |

|  |                         |                |    |
|--|-------------------------|----------------|----|
| 144. <i>Limonium californicum</i> ("marsh" + "of California")  | Western Marsh-Rosemary  | Plumbaginaceae | HP |
| 145. <i>Distichlis spicata</i> ("distichous, two-ranked" + "spike")  | Saltgrass               | Poaceae        | HP |
| 146. <i>Distichlis littoralis</i> ("distichous, two-ranked" + "of the seashore") [Monanthochloe l.]                              | Shoregrass              | Poaceae        | HP |
| 147. <i>Spartina foliosa</i> ("a cord" + "full of leaves")   | California Cord Grass   | Poaceae        | HP |
| 148. <i>Lyceum californicum</i> ("ancient country of Asia Minor" + "of California")  | California Desert Thorn | Solanaceae     | S  |
| <b>Freshwater/Brackish Marsh</b>   |                         |                |    |
| 149. <i>Schoenoplectus californicus</i> [Scirpus c.] ("shoe?" [Dutch] "plaited" + "of Calif.")                                   | California Bulrush      | Cyperaceae     | HP |
| 150. <i>Juncus acutus</i> subsp. <i>leopoldii</i> (L. for rush, + "acute" + "Leopold")   | Southwestern Spiny Rush | Juncaceae      | HP |
| 151. <i>Typha latifolia</i> (ancient Gr. name + "wide-leaved")   | Broad-Leaf Cattail      | Typhaceae      | HP |
| <b>Coastal Dune Plants</b>   |                         |                |    |
| 152. <i>Ambròsia chamissonis</i> (Gr./L.name + "bipinnately lobed") [A. bipinnatifida]   | Beach-Bur               | Asteraceae     | Su |
| 153. <i>Cakile maritima</i> (old Arabic name + "maritime")   | European Sea Rocket     | Brassicaceae   | Su |
| 154. <i>Abronia maritima</i> ("graceful" + "maritime")   | Red Sand-Verbena        | Nyctaginaceae  | HP |
| 155. <i>Camissoniopsis cheiranthifolia</i> subsp. <i>suffruticosa</i> ("res. Camissonia" + "Cheiranthus-leaved" + "sub-shrubby") | Beach Evening-Primrose  | Onagraceae     | Su |

### CUYAMACA & LAGUNA MTNS.

#### Forest, Meadow, and Riparian Woodland and Understory

|   |                           |                  |     |
|---|---------------------------|------------------|-----|
| 156. <i>Rhus aromatica</i> ("ancient name for sumac" + "3-lobed") [R. trilobata]                            | Skunkbrush, Basketbush    | Anacardiaceae    | S   |
| 157. <i>Symporicarpos albus</i> var. <i>laevigatus</i> ("borne together fruits" + "white" + "smooth/shiny") | Snowberry                 | Caprifoliaceae   | S   |
| 158. <i>Euonymus occidentalis</i> var. <i>párisii</i> ("good name" + "western") [E. o. subsp. p.]           | Western Burning Bush      | Celastraceae     | S   |
| 159. <i>Cornus sericea</i> subsp. <i>occidentalis</i> ("horn," due to hard wood+"silky +"western")          | Creek Dogwood             | Cornaceae        | S   |
| 160. <i>Calocedrus decurrens</i> ("beautiful cedar" + "decurrent")  | Incense-Cedar             | Cupressaceae     | T   |
| 161. <i>Pteridium aquilinum</i> var. <i>pubescens</i> (Dim. Pteris + "eagle like" + "pubes.")               | Western Bracken Fern      | Dennstaedtiaceae | HP  |
| 162. <i>Equisetum arvense</i> ("horse bristle" + "of the fields")   | Common Horsetail          | Equisetaceae     | HP  |
| 163. <i>Arctostaphylos pungens</i> ("bear grapes" + "sharp pointed")  | Manzanita                 | Ericaceae        | S   |
| 164. <i>Rhododendron occidentale</i> ("rose tree" + "western")  | Western Azalea            | Ericaceae        | S   |
| 165. <i>Lupinus bicolor</i> ("wolf" + "two-colored")  | Miniature Lupine          | Fabaceae (Fab.)  | HA  |
| 166. <i>Quercus agrifolia</i> var. <i>oxyadènia</i> (L. name + "scabby-leaved" + "sharp gland")             | Interior Live Oak         | Fagaceae         | T   |
| 167. <i>Quercus chrysólepis</i> (classical L. name + "golden scaled")                                       | Gold Cup, Canyon Live Oak | Fagaceae         | T   |
| 168. <i>Quercus kelloggii</i> (classical L. name + "Albert Kellogg")  | Ca. Black Oak             | Fagaceae         | T   |
| 169. <i>Abies concolor</i> (classical L. name + "colored similarly")  | White Fir                 | Pinaceae         | T   |
| 170. <i>Pinus coulteri</i> (classical L. name + "Coulter")  | Coulter Pine              | Pinaceae         | T   |
| 171. <i>Pinus jeffreyi</i> (classical L. name + "Jeffrey")  | Jeffrey Pine              | Pinaceae         | T   |
| 172. <i>Pinus lambertiæna</i> (classical L. name + "Lambert")   | Sugar Pine                | Pinaceae         | T   |
| 173. <i>Pinus ponderosa</i> (classical L. name + "")  | Ponderosa Pine            | Pinaceae         | T   |
| 174. <i>Bròmus hordeaceus</i> * (ancient Gr. name for oat + ) [B. mollis]                                   | Soft Chess                | Poaceae          | HA  |
| 175. <i>Bròmus tectorum</i> * (ancient Gr. name for oat + "of roofs or houses")                             | Cheat Grass, Downy Brome  | Poaceae          | HA  |
| 176. <i>Muhlenbergia rigens</i> ("G.H.E. Muhlenberg, 1753-1815" + "rigid")                                  | Deer Grass                | Poaceae          | HP  |
| 177. <i>Ceanothus palmeri</i> (Greek name for spiny pl. + "Ernest J. Palmer")                               | Palmer's-Lilac            | Rhamnaceae       | S   |
| 178. <i>Frangula californica</i> subsp. <i>tomentella</i> (? + "California" + "tomentulose")                | California Coffeeberry    | Rhamnaceae       | S   |
| 179. <i>Cercocarpus betuloides</i> var. <i>betuloides</i> ("tail fruit" + "like Betula, Birch")             | Mountain Mahogany         | Rosaceae         | S   |
| 180. <i>Fragaria vesca</i> ("fragrant" + "of California") [F. californica]                                  | Ca. Strawberry            | Rosaceae         | HP  |
| 181. <i>Prunus virginiana</i> var. <i>demissa</i> (L. for plum + "of Virginia" + "hanging down")            | W. Choke Cherry           | Rosaceae         | T/S |
| 182. <i>Rosa californica</i> (ancient L. name + "of California")  | California Rose           | Rosaceae         | S   |
| 183. <i>Arceuthobium campylopodum</i> ("juniper-life" + "curved stalk")                                     | Western Dwarf Mistletoe   | Viscaceae        | S   |

#### Montane Chaparral

|   |                           |                 |   |
|---|---------------------------|-----------------|---|
| 184. <i>Rhus ovata</i> ("ancient name for sumac" + "ovate")                                       | Sugar Bush                | Anacardiaceae   | S |
| 185. <i>Arctostaphylos glandulosa</i> ("bear grapes" + "glandular") [several subspecies]          | Manzanita                 | Ericaceae       | S |
| 167. <i>Quercus chrysólepis</i> (classical L. name + "golden scaled")                             | Gold Cup, Canyon Live Oak | Fagaceae        | T |
| 186. <i>Garrya flavescens</i> ("N. Garry" + "yellowish")  | Silk Tassel Bush          | Garryaceae      | S |
| 187. <i>Eriodictyon trichocalyx</i> var. <i>lanatum</i> ("wool net" + "hairy calyx" + "woolly")   | Hairy Yerba Santa         | Hydrophyllaceae | S |
| 188. <i>Umbellularia californica</i> ("pertaining to umbels" + "of California")                   | California Bay            | Lauraceae       | S |
| 189. <i>Pinus quadrifolia</i> (classical L. name + "4-leaved")                                    | Parry Pinyon Pine         | Pinaceae        | T |
| 190. <i>Ceanothus perplexans</i> (Gr. for spiny pl. + " intricate, involved, puzzling, tangled ") | Cupleaf-Lilac             | Rhamnaceae      | S |
| 191. <i>Ceanothus leucodermis</i> (Gr. name, spiny pl. + "white-skinned")                         | Chaparral Whitethorn      | Rhamnaceae      | S |
| 179. <i>Cercocarpus betuloides</i> var. <i>betuloides</i> ("tail fruit" + "like Betula, Birch")   | Mountain Mahogany         | Rosaceae        | S |

#### Sagebrush Scrub

|   |           |            |   |
|---|-----------|------------|---|
| 192. <i>Artemisia tridentata</i> ("Artemisia," wife of Mausolus+ "3-toothed") | Sagebrush | Asteraceae | S |
|---|-----------|------------|---|