

Native Plants of the Scotts Creek Watershed and Environs
An Ongoing Investigation
J. Ambrose West

Abronia latifolia

“ *umbellata* (historically at Scott Creek Beach)

Acaena pinnatifida var. *Californica*

Acer Macrophyllum

“ *negundo* var. *Californicum*

Achillea millefolium

Actaea rubra

Adenocaulon bicolor

Adenostoma fasciculatum

Adiantum aleuticum

“ *jordanii*

Aesculus Californica

Agoseris apargioides var. *eastwoodiae*

“ *grandiflora*

“ *heterophylla*

Agrostis aristiglumis analogue

“ *blasdalei* (Southern range complex)

“ *densiflora* (including *gigas* phase, S-end of Scott Creek Beach)

“ *diegoensis* = *A. pallens*

“ *exarata* complex

“ (*exarata* var. *monolepis* x *polypogon monspeliensis*) hybrids

“ *hallii*

“ (*hallii* x *pallens*) hybrid complex

“ *microphylla* (palea present)

“ “pseudo-densiflora” (*A. blasdalei* x *A. exarata* var. *monolepis*)

“ *scabra*

Alchemilla occidentalis = *aphanes occidentalis*

Allium unifolium

Allocarya bracteata = *plagiobothrys bracteatus*

“ *chorisiana* var. *chorisiana* = *Plagiobothrys chorisianus* var. *chorisianus*

“ *chorisiana* var. *hickmanii* = *Plagiobothrys chorisianus* var. *hickmanii*

“ *diffusa* = *Plagiobothrys diffusus* (aff. *Plagiobothrys reticulatus*
 var. *rossianorum*/in need of careful study on molecular level)
Allophyllum divaricatum
Alnus oregana = *Alnus rubra*
Amaranthus powellii
Amelanchier pallida - *Amelanchier utahensis*
Amsinckia lunaris
 “ *lycopsoides*
 “ *menziesii* var. *intermedia*
 “ “ var. *menziesii*
 “ *spectabilis*
Anaphalis margaritacea
Anemone quinquefolia var. *grayi* = *Anemone oregana*
Apiastrum angustifolium
Aquilegia formosa
Arabis glabra
Aralia Californica
Arbutus menziesii
Arctostaphylos andersonii
 “ *glutinosa*
 “ *ohlonei*, pro. sp. nov.
 “ *sensitiva* (*nummularia* var. *sensitiva*)
 “ *tomentosa* complex
Arenaria douglasii = *Minuartia douglasii*
Armeria maritima ssp. *Californica*
Arnica discoidea
Artemisia Californica
 “ *douglasiana*
 “ *pycnocephala*
Asarina stricta = *Antirrhinum kelloggii*
Asarum caudatum
Aspidotis Californica
Aster chilensis (+ form with sub-equal ± foliaceous phyllaries)
 “ *radulinus*
Astragalus gambeliana
Athyrium felix-femina var. *cyclosorum*
Athysanus pusillus
Atriplex leucophylla
 “ *patula* ssp. *hastata* = *Atriplex triangularis* (?)
Azolla filiculoides
Baccharis douglasii
 “ *pilularis*
Barbarea americana = *Barbarea othoceras*

Berberis nervosa
 “ *pinnata*
Blechnum spicant
Boisduvalia densiflora = *Epilobium densiflorum*
Bowlesia incana
Boykinia elata = *Boykinia occidentalis*
Brodiaea coronaria var. *macropoda* = *Brodiaea terrestris* ssp. *terrestris*
 “ *elegans*
Bromus carinatus var. *carinatus* (complex assemblage of “micro-species,”
 some self-pollinating/cleistogamous others out-breeding,
 stamens included or exerted—plants with broad lvs. and lg.
 inflos with drooping branches with few spikelets may represent
 ancient hybridization with *Bromus sitchensis*)
 “ *carinatus* var. *maritimus*
 “ *vulgaris*
Calamagrostis nutkaensis
 “ *rubescens*
Calandrinia breweri
 “ *ciliata*
Callitriche bolanderi = *Callitriche heterophylla* var. *bolanderi*
 “ *marginata*
Calochortus albus (including nanistic race of coastal bluffs)
 “ *tolmiei*
Calypso bulbosa
Calystegia purpurata ssp. *purpurata*
 “ *soldanella*
Campanula prenanthoides
Cardamine oligosperma
Cardionema ramosissimum
Carex amplifolia
 “ *barbarae dewey* (Scott Creek marsh)
 “ *bolanderi* (ssp. *gianoneiorum*/inflos can have lower 1-5 (+)
 spikelets compound, these androgynous, gynaeandrous
 and/or mixed/solitary basal spikelets (1-2+) on elongate,
 slender arching stalks can also be present)
 “ *densa*
 “ *dudleyi*
 “ *exsiccata* = *Carex vesicaria* var. *major*
 “ *gianonei*, pro. sp. nov. (exceedingly complex taxon,
 polyphyletic in origin/displaying within an ovals matrix, traits
 derived from sections *montanae* [*Carex brevicaulis*],
 multiflorae [*Carex densa*], and possibly *muhlenbergiana*)

[Carex tumulicola] /parallels in development and hybridizes
 with Carex nitidicarpa)
 “
 “
 Carex globosa
 gracilior
 harfordii
 “
 imperfecta (aff. Carex nitidicarpa/likely aneuploid derivative,
 displaying compound-congested lower 1-5(+) spikelets
 [Multiflorae/C. densa] and basal spikelets on filiform stalks
 [Montanae/C. brevicaulis] but producing spikelets with
 stamens functional and pistils non-functional)
 “
 nitidicarpa, pro. sp. nov. (like C. gianonei, a taxon of
 polyphyletic origin, in gestalt combining aspects of C.
 subbracteata in a [multiflorae/C. densa] matrix, with perigynia
 thick-walled, often ± cymbiform and varnished in
 appearance—C. gianonei’s gestalt is basically C. brevicaulis
 and C. densa traits in a C. harfordii matrix with perigynia ± thin
 walled, plano-convex, wing-margined and non-reflective/dull in
 appearance/C. gianonei produces “keikis,” asexual nodal
 propagules, which C. imperfecta and C. nitidicarpa do not!)
 “
 “
 “
 “
 “
 “
 nudata
 obnupta
 subbracteata
 subfusca
 “
 sp., aff. C. vulpinoidea michaux [lower Scott Creek
 Watershed, between confluences of Archibald and Queseria
 Creeks with Scott Creek proper/growing out of large plant of
 Juncus patens meyer, CA 200m. below lg. plant of Datisca
 glomerata (presl) baill.]

(NOTE: Material shared with Grey Hayes, Ph.D. for further
 study/both this taxon and the one observable plant of Datisca
 glomerata (presl) baill. May well have been destroyed during
 Queseria Creek restoration project!)

Castanopsis chrysophylla = Chrysolepsis chrysophylla

Castilleja affinis ssp. affinis (extremely variable complex, with elements of
 C. latifolia [lvs. oblong-orbicular, entire], C. applegatei [wavy
 leaf margins], C. subinclusa ssp. franciscana [exserted lower
 lip, forward-pointed galea, upthrust calyces, flowers
 pedicellate], C. wightii [yellow flowers, often ± included galea,
 glandular indument and numerous short axillary shoots below
 inflorescence], all present/branched-forked trichomes may
 represent ancient hybridization with C. mollis)

Castilleja foliolosa

“ *franciscana* = *Castilleja subinclusa* ssp. *franciscana*
 “ *wightii*
Caucalis microcarpa = *Yabea microcarpa*
Ceanothus cuneatus var. *cuneatus*
Ceanothus incanus
 “ *papillosus*
 “ *thrysiflorus*
Centaurium davyi
Centunculus minimus
Chaetopappa alsinoides = *Pentachaeta alsinoides*
 “ *bellidifolia* = *Penachaeta bellidifolia* (historical occurrence)
Chenopodium Californicum
Chloragalum pomeridianum
Chrysopsis villosa var. *bolanderi* = *Heterotheca sessiliflora* ssp. *bolanderi*
 “ “ var. *echioides* = *Heterotheca sessiliflora* ssp. *echioides*
Cicendia quadrangularis
Cicuta douglasii
Cirsium brevistylum
 “ *proteanum* = *Cirsium occidentale* var. *venustum*
 “ *quercetorum*
Clarkia davyi (rare/flowers concolored/seeds dark brown/capsules
pedicellate/mode of growth erect-ascending/growing in coastal
prairie on siliceous terrace deposits)
 “ “pseudo-davyi” (rare, apparently localized/flowers
bicolored/seeds gray-encrusted/mode of growth erect/growing
in coastal grasslands on soil derived from mudstone)
(C. davyi and C. “pseudo-davyi” are rarely found growing
sympatrically, but when they occur together, no intermediates
have been found! In need of molecular studies, which may
elucidate the relationship of these two taxa.)
 “ *purpurea* ssp. *quadrivulnera*
 “ “ ssp. *purpurea* (rare)
 “ *rubicunda*
Clematis lasiantha
Clintonia andrewsiana
Collinsia franciscana = *Collinsia multicolor*
 “ *heterophylla* (pale-flwd race/glands on inflos leave rust-like
stains on hands)
Collomia heterophylla
Conyza canadensis
Corallorhiza maculata
 “ “ var. *immaculata*
 “ *striata*

Corethrogyne Californica = *Lessingia filaginifolia* var. *Californica*
 “ *filaginifolia* = *Lessingia filaginifolia* var. *filaginifolia*
Cornus x Californica = *Cornus sericea* complex
Corylus cornuta var. *Californica*
Cryptantha flaccida
 “ *hispidissima* = *Cryptantha clevelandii*
 “ *micromeres*
 “ *torreyana*
Cuscuta sp. (near *C. occidentalis*)
Cynoglossum grande
Cyperus eragrostis
Cystopteris fragilis
Danthonia Californica var. *Americana*
 “ “ var. *Californica*
 (More intriguing than the presence/absence of trichomes on
 this pioneer grass species are the two phases, one of which
 goes dormant at the onset of summer and the other which
 stays verdant through fall.)
Datisca glomerata
Daucus pusillus
Delphinium Californicum ssp. *Californicum*
 “ *decorum* ssp. *decorum*
 “ *hesperium* ssp. *hesperium*
 “ *nudicaule*
 “ *patens* ssp. *patens*
Dendromecon rigida
Dentaria Californica = *Cardamine Californica* var. *Californica*
 “ “ var. *integrifolia* = *Cardamine Californica* var.
 integrifolia
Deschampsia caespitosa ssp. *holciformis*
 “ *danthonioides*
 “ *elongata*
Dicentra formosa
Dichelostemma pulchella = *Dichelostemma capitatum* ssp. *capitatum*
Diplacus aurantiacus = *Mimulus aurantiacus*
Disporum hookeri
Distichlis spicata
Dodecatheon clevelandii ssp. *sanctarum*
 “ *hendersonii*
Dryopteris arguta
Dudleya caespitosa complex
Eleocharis macrostachya
Elymus glaucus ssp. *glaucus*

“ “ *ssp. virescens*
 “ *mollis = Leymus mollis*
 “ *triticoides = Leymus triticoides*
 “ *x vancouverensis = Leymus x vancouverensis*
Epilobium ciliatum ssp. ciliatum
 “ “ *ssp. watsonii*
 “ *halleanum*
 “ *minutum*
 “ *paniculatum = Epilobium brachycarpum*
Equisetum hyemale ssp. affine
 “ *arvense*
 “ *telmateia ssp. braunii*
Erigeron foliosus var. hartwegii
 “ *glaucus*
Eriodictyon Californicum
Eriogonum latifolium
 “ *nudum*
Eriophyllum confertiflorum var. confertiflorum
 “ *staechadifolium*
Eryngium armatum
Erysimum franciscanum var. crassifolium = Erysimum franciscanum
Eschscholzia Californica
Euonymus occidentalis
Euphorbia crenulata
 “ *spathulata*
Festuca Californica (adaxial surface of blades clothed with a cinerous
 indument)
 “ *elmeri (plants vary as to number of florets per spikelet and*
 anther color, yellow or purple)
 “ *occidentalis*
 “ *octoflora = Vulpia octoflora var. octoflora*
 “ “ *var. hirtella = Vulpia octoflora var. hirtella*
 “ *pacifica = Vulpia microstachys var. pauciflora*
 “ *reflexa = Vulpia microstachys var. pauciflora*
 “ *rubra (two distinct phases: diffuse rhizomatous mode of*
 growth and densely caespitose mode of growth)
 “ *subuliflora*
Filago Californica
Fragaria chiloensis
 “ *vesca*
Frankenia grandiflora
 “ *chamissonis = Ambrosia chamissonis*
Fritillaria lanceolata = Fritillaria affinis

Galium aparine
 “ *Californicum*
 “ *porrigens*
 “ *trifidum* var. *pacificum*
Galium triflorum
Garrya elliptica
Gaultheria shallow
Geranium carolinianum
Gilia achilleifolia complex (including ssp. *multicaulis*)
 “ *clivorum* (restricted to mudstone outcroppings)
 “ *millefoliata* (?) (growing on stabilized sand dune, central
 portion of post rock gulch)
Githopsis specularioides
Gnaphalium beneolens = *Gnaphalium canescens* ssp. *beneolens*
 “ *bicolor*
 “ *Californicum*
 “ *chilense* = *Gnaphalium stramineum*
 “ *gianonei*, pro. sp. nov. (stabilized hybrid between *G.*
 Californicum and *G. stramineum*/our native species of
 gnaphalium have distinct chemical signatures, and the one for
 G. gianonei falls ± midway between those of *G. Californicum*
 and *G. stramineum*)
 “ *palustre*
 “ *purpureum*
 “ *ramosissimum*
Grindelia hirsutula var. *hirsutula*
 “ *stricta* var. *phatyphylla*
Haplopappus arborescens = *Ericameria arborescens*
 “ *ericoides* = *Ericameria ericoides*
Helenium puberulum
Helianthemum scoparium
Heliotropium curassavicum
Hemizonia corymbosa
Heracleum maximum = *Heracleum lanatum*
Hesperocnide tenella
Heterocodon rariflorum
Heteromeles arbutifolia
Heuchera micrantha
Hierochloe occidentalis
Hippuris vulgaris
Holodiscus discolor
Hordeum brachyantherum ssp. *brachyantherum*
 “ “ ssp. *Californicum*

Horkelia Californica

“ *cuneata* (variable populations, with some plants approaching
ssp. sericea)

Hydrocotyle ranunculoides

Hypericum anagalloides

Hystrix Californica = *Elymus Californicus*

Iris douglasiana

“ *fernaldii*

Jaumea carnososa

Juncus acuminatus

“ *breweri* (growing in and adjacent to fresh water marshes and
seasonally wet areas on both the immediate coast and
somewhat inland/stems up to 2m. in height, usually thick,
tortile-compressed, dark green in color, sheaths dark brown)

“ *bufonius*

“ *effusus* var. *brunneus*

“ *effusus* var. *pacificus*

“ (*effusus* var. *brunneus* x *patens*) hybrids/superficially
simulating *J. effusus* var. *brunneus* plants but culms often with
a bluish cast and the capsules, while ± quadrate, have apices
attached rather than opening fully. Fertile seed is produced
and varies from plant to plant, but is statistically low per
individual)

“ *lesueurii* (?)

“ *mexicanus* (locally a schizophrenic taxon/one form has thin,
tortile-compressed, pale green culms with some basal sheaths
bearing blades and perianth-parts pale-translucent, while
another form has stouter, tortile-compressed dark green culms
with some basal sheaths bearing blades and the perianth-
parts dark brown, simulating *J. breweri*)

“ *occidentalis*

“ *patens* (distinct from all other local species, by the production
of a gelatinous mucilage which encases the seeds after the
opened capsules have been exposed to water/simulates
masses of frog eggs!)

“ *phaeocephalus*

“ *tenuis* (?) (Beaver Flat/pressing made)

“ *xiphioides*

Koeleria macrantha

Lasthenia Californica

“ *glaberrima*

Lathyrus vestitus var. *vestitus*

Layia gaillardii

“ *hieracioides*
 “ *platyglossa*
Lemna minima = *Lemna minuscula*
 “ *minor*
Lepechinia calycina
Lepidium nitidum
Ligusticum apiifolium
Lilaea scilloides
Lilium pardalinum
Linanthus androsaceus
 “ *bicolor*
Linaria canadensis var. *texana* = *Linaria canadensis*
Lithocarpus densiflorus
Lithophragma affine
 “ *heterophyllum*
Lomatium caruifolium (leaves glabrous through densely pubescent)
Lonicera hispidula var. *vacillans*
Lotus balsamiferus/currently treated as *Lotus stipularis*
 “ *eriphorus* = *Lotus heermannii* var. *orbicularis*
 “ *formosissimus*
 “ *humistratus*
 “ *junceus*
 “ *micranthus*
 “ *oblongifolius* var. *nevadensis*
 “ *purshianus* var. *purshianus*
 “ *scoparius* var. *scoparius*
 “ *salsuginosus* var. *salsuginosus*
 “ *strigosus*
 “ *subpinnatus* = *Lotus wrangelianus*
Lupinus albifrons
 “ *arboreus*
 “ (*arboreus* x *formosus*) hybrids
 “ (*arboreus* x *variicolor*) hybrids
 “ *bicolor* complex
 “ *chamissonis* (cited/J.H. Thomas: *Flora of SC Mountains*)
 “ *formosus*
 “ *hirsutissimus*
 “ *latifolius* var. *dudleyi* (?)
 “ “ var. *latifolius*
 “ *nanus*
 “ *propinquus* (?) /possibly an undescribed species, representing ancient hybridization between *L. arboreus* and *L. latifolius* var. *latifolius*/in need of careful study

“ *succulentus*

“ *variicolor*

Luzula subsessilis = *Luzula comosa*

Madia exigua

“ (*exigua* x *gracilis*) hybrids

“ *gracilis*

“ (*gracilis* x *sativa*) hybrids

“ *madioides*

“ *sativa*

(NOTE: *M. exigua*, *M. gracilis* and *M. sativa* are clothed with gland-tipped trichomes, each according to species, possessing a distinct chemical signature. The hybrids often display a scent ± intermediate between the putative parents.)

Malacothrix floccifera

Marah fabaceus

Melica Californica

“ *hardordii*

“ *imperfecta*

“ *subulata*

“ *torreyana*

Micropus Californicus var. *Californicus*

“ “ var. *subvestitus*

Microseris bigelovii

“ *decipiens* = *Stebbinsoseris decipiens*

“ *linearifolia* = *Uropappus lindleyi*

“ *paludosa*

Mimulus cardinalis

“ *floribundus*

“ *guttatus* var. *arvensis* (Truncate calyces/growing sympatrically with var. *guttatus* in “Beaver Flat” with no intermediates present)

“ “ var. *arvensis* (nanistic race, found growing on seasonally wet exposed mudstone/terrace faces in coastal scrub—Truncate calyces, corolla with widely-opened throat, flws. scentless)

“ “ var. *grandis* (Forma *immaculata*, with flws. a clear unmarked yellow, occurs locally)

“ “ var. *guttatus* (a form with ± glaucous stems/lvs., upper lvs. connate-perfoliate and flws. pale yellow without scent was found several years ago, growing on a sandbar in the riparian corridor of upper Scott Creek—possible affinities with *M. glaucescens*)

- “ *moschatus*
- “ *nasutus* (growing on sandbars in Scott Creek riparian corridor—calyces with upper middle lobe \pm 3 times as long and forward pointing/lower lip of corolla with distinctive, centrally located, red-brown blotch)
- Mimulus “ (nanistic race, found growing on seasonally wet exposed mudstone/terrace faces, both on the immediate coast and inland/plants growing in moss/flws. cleistogamous, not opening, expelled from calyces like pale-yellow sausage casings)
- “ *pilosus*
- Monardella *villosa* ssp. *franciscana*
- “ “ *ssp. villosa*
 (a complex array of forms occur within the Scott Creek Watershed, particularly those populations found growing on the W-facing slopes of the coastal bluffs/variations in foliar morphology and indument, configuration of inflos, and the chemical signatures of individual plants present the student of population biology with a challenge/inflos with sessile whorls within existing heads = condensed verticil(s) ? This distinctive trait occurs with some frequency within the coastal populations.)
- Montia *hallii* = *Montia fontana*
- “ *parvifolia*
- “ *perfoliata* = *Claytonia perfoliata*
- “ *siberica* = *Claytonia siberica*
- “ *spathulata* = *Claytonia exigua*
- Myrica *Californica*
- Navarretia *atractyloides*
- “ *mellita*
- “ *squarrosa* (populations occur within watershed with 30-40% of plants producing white flowers)
- Nemophila *gianonei*, pro. sp. nov. [aff. *N. pulchella* var. *Fremontii*?] (Highly restricted endemic/lvs. opposite, basal in rosettes, lobes 5-7, adaxial surfaces with patches of transparent cells, giving a silvery appearance/flws. white, corolla lobes broader below middle, broadly lanceolate, \pm recurved with age)
- “ *Menziesii* var. *atomaria*
- “ “ var. *menziesii*
 (Within the Scott Creek Watershed, several populations have been found with flws. polymorphic, ranging from 3-20 mm. in diameter, variable as to coloration and a certain percentage producing non-functional stamens with pinkish-brown anthers)

and functional pistils—making the plants \pm gynodioecious. Intraspecific hybridization between various micro-races, these ranging from interfertile through intersterile, may be the causal factor of these anomalies!)

- Nemophila parviflora
- “ pedunculata
- Oenanthe sarmentosa
- Oenothera cheiranthifolia = Camissonia cheiranthifolia
- “ hookeri ssp. montereyensis = Oenothera elala ssp. hookeri
- “ micrantha = Camissonia micrantha
- “ ovata = Camissonia ovata
- Orobanche Californica ssp. Californica
- “ fasciculata
- Orthocarpus attenuatus = Castilleja attenuata
- “ densiflorus = Castilleja densiflora
- “ (castilleja) densiflorus (Noctuinus analogue)
(A distinct component of the Castilleja densiflora complex/found growing on exposed coastal terraces/flws. \pm creamy-white with a distinct scent of vanilla. Plants of C. densiflora away from the immediate coast have rose-purple flws. with a spicy cinnamon scent/C. densiflora “noctuinus” has most likely adapted to a vespertine pollinating vector)
- “ erianthus = Triphysaria eriantha ssp. eriantha
- “ “ var. roseus = Triphysaria eriantha ssp. rosea
- “ purpurascens var. Latifolius = Castilleja exserta ssp. latifolia
- “ pusillus = Triphysaria pusilla
- “ (T. pusilla x T. eriantha) hybrids
- Osmaronia cerasiformis = Oemleria cerasiformis
- Osmorhiza chilensis
- Oxalis oregona
- “ pilosa = Oxalis albicans ssp. pilosa
- Panicum pacificum = Panicum acuminatum var. acuminatum
- Pellaea andromedaefolia
- “ mucronata
- Perideridia gairdneri ssp. gairdneri
- “ kelloggii
- Petasites frigidus var. palmatus
- Phacelia Californica
- “ ciliata (ephemeral introduction)
- “ distans
- “ imbricata ssp. imbricata
- “ malvaefolia
- Phalaris angusta

“ *Californica*
Phoradendron villosum
Pickeringia montana
Pinus attenuata
 “ *radiata* (*attenuradiata* complex)
Piperia elongata
 “ *elegans*
 “ *michaelii*
 “ *transversa*
 “ *unalascensis* (*isolated component of P. unalascensis, which differs from interior/mountain populations by stature, ± densely congested inflos, thicker and broader perianth parts—reminiscent of a short-spurred P. michaelii/earliest to flower of local piperia species/possibly closer in relationship to plants of coastal Washington*)
Pityrogramma triangularis = *Pentagramma triangularis*
Plagiobothrys canescens
 “ *nothofulvus*
Plantago bigelovii var. *Californica* = *Plantago elongata*
 “ *hirtella* var. *galiottiana* = *Plantago subnuda*
 “ *hookeriana* var. *Californica* = *Plantago erecta*
Platystemon Californicus
Plectritis congesta ssp. *brachystemon* = *Plectritis brachystemon*
 “ “ ssp. *congesta* = *Plectritis congesta*
Poa bolanderi ssp. *howellii* = *Poa howellii*
 “ *douglassii*
 “ *scabrella* = *Poa secunda* ssp. *secunda*
 “ *unilateralis*
Pogogyne serpylloides
Polygala Californica
Polygonum natans
 “ *punctatum*
Polypodium Californicum
 “ *calirhiza*
 “ *scouleri*
Polystichum Californicum
 “ *dudleyi*
 “ *munitum*
Potamogeton nodosus
 “ *pectinatus*
Potentilla egedeii var. *grandis* = *Potentilla anserina* ssp. *pacifica*
 “ *glandulosa*
Prunella vulgaris var. *lanceolata*

Pseudotsuga menziesii
Psilocarphus tenellus
Psoralea macrostachya = *Hoita macrostachya*
 “ *physodes* = *Rupertia physodes*
Pteridium aquilinum var. *pubescens*
Pterostegia drymarioides
Quercus agrifolia
 “ *chrysolepis*
 “ *parvula* var. *shrevei*
 “ (*agrifolia* x *kelloggii*) = *quercus* x *chasei*
 “ (*parvula* var. *shrevei* x *kelloggii*) = Q. “?”
 (NOTE: The above two hybrid taxa in the Scott Creek Watershed are not, in my opinion, F1 crosses, but represent ancient hybrid genes [most likely recessive] trapped in both Q. *agrifolia* and Q. *parvula* var. *shrevei*)
Rafinesquia Californica
Ranunculus Aquatilis var. *capillaceus*
 “ *Californicus*
 “ *hebecarpus*
Rhamnus Californica ssp. *Californica*
Rhododendron macrophyllum
 “ *occidentalis*
Rhus diversiloba = *Toxicodendron diversilobum*
Ribes divaricatum (pubescent/non-glandular and glandular forms both occur within the Scott Creek Watershed)
 “ *menziesii* complex (plants within watershed exhibit traits attributable to vars. *hystrix*, *ixoderme*, *leptosum* and *senile*)
 “ *sanguineum* var. *glutinosum*
Rorippa curvisiliqua
 “ *islandica* var. *occidentale* = *Rorippa palustris* var. *occidentalis*
 “ *nasturtium-aquaticum*
Rosa Californica
 “ *gymnocarpa*
Rubus leucodermis
 “ *parviflorus*
 “ *spectabilis*
 “ *ursinus*
Rumex Californicus = *Rumex salicifolius* var. *denticulatus*
 “ *crassus* = *Rumex salicifolius* var. *crassus*
 “ *fenestratus* = *Rumex occidentalis*
 “ *salicifolius* = *Rumex salicifolius* var. *salicifolius*
Sagina occidentalis = *Sagina decumbens* ssp. *occidentalis*

- “ *crassicaulis* = *Sagina maxima* ssp. *crassicaulis* (moist cliff bases, S-end of Scott Creek Beach)
- Salix* *coulteri* = *Salix sitchensis*
- “ *lasiandra* = *Salix lucida* ssp. *lasiandra*
- “ *lasiolepis*
- “ *scouleriana*
- Salvia columbariae*
- Sambucus callicarpa* = *Sambucus racemosa* var. *racemosa*
- “ *mexicana*
- Sanicula arctopoides*
- “ *bipinnatifida*
- “ *crassicaulis*
- “ *gianonei*, pro. sp. nov. (differs from *S. crassicaulis* sensu strictu in ecology/habitat preference, biochemical signature, foliar/bract morphology and marginal trichomes, flw. color, unblemished epigynous disc, and schizocarp configuration/alignment of uncinata bristles)
- “ *hoffmanii* (rare)
- “ “pseudo-laciniata” (found in 3 widely separate locations—Scott Creek Watershed [W-facing slope, upper Seymore Hill], Ben Lomond/Zayante sand hills and Crystal Springs Watershed—differs from *S. crassicaulis* sensu strictu in foliar morphology, bright clear-yellow flws. and large bright yellow anthers and distinct chemical signature—within an area CA. 300m x 50m. [upper Calf Gulch], all 5 of the above-noted *sanicula* species were found growing in association with *S. “pseudo-laciniata!”*)
- Satureja douglasii*
- Saxifraga Californica*
- Scirpus acutus* var. *occidentalis*
- “ *Americanus*
- “ *Californicus*
- “ *cernuus*
- “ *koilolepis*
- “ *microcarpus*
- Scoliopus bigelovii*
- Scrophularia Californica*
- Scutellaria tuberosa*
- Sedum spathulifolium*
- Senecio hydrophilus* (cited flora of SC Mountains/J. H. Thomas)
- Sequoia sempervirens*
- Sidalcea malvaeflora* ssp. *malvaeflora*

Silene antirrhina
 “ *verecunda* ssp. *verecunda* (rare)
Sisyrinchium bellum

Smilacina racemosa
 “ *stellata*
Solanum douglasii
 “ *umbelliferum*
Solidago Californica
 “ *canadensis* ssp. *elongata*
 “ *occidentalis* = *Euthamia occidentalis*
Sparganium eurycarpum ssp. *eurycarpum*
Spergularia macrotheca var. *macrotheca*
Spiranthes romanzoffiana
Stachys ajugoides var. *ajugoides*
 “ “ var. *rigida*
 “ *bullata*
 “ *chamissonis*
Stellaria nitens
Stephanomeria virgata
Stipa lepida = *Nassella lepida*
 “ *pulchra* = *Nassella pulchra*
Stylocline amphibola = *Micropus amphibolus*
 “ *gnaphalioides*
Symphoricarpos mollis
 “ *rivularis* = *Symphoricarpos albus* var. *laevigatus*
Tellima grandiflora
Thalictrum fendleri var. *fendleri*
 “ “ var. *polycarpum*
Thelypodium lasiophyllum = *Guillenia lasiophylla* (including var. *inalienum*)
Thysanocarpus curvipes
 “ *laciniatus*
Tiarella unifoliata = *Tiarella trifoliata* var. *unifoliata*
Tillaea aquatica = *Crassula aquatica*
 “ *erecta* = *Crassula connata*
Torreyia Californica
Trientalis latifolia
Trifolium albopurpureum
 “ *amplectens*
 “ *appendiculatum*
 “ *barbigerum*
 “ *bifidum*
 “ *ciliolatum*

: *depauperatum*
 “ *“gianonei” = Trifolium buckwestiorum*
 “ *gracilentum*
 “ *grayi*
Trifolium *marcraei*
 “ *microcephalum*
 “ *microdon*
 “ *obtusiflorum*
 “ *oliganthum*
 “ *“pseudo-barbigerum” = Trifolium gianonei, pro. sp. nov.*
 “ *tridentatum = Trifolium willdenovii*
 “ *variegatum complex*
 “ *wormsskjoldii*
Trillium *chloropetalum (highly variable complex, with several color*
 phases possessing equally distinct scents)
 “ *ovatum*
Triodanis biflora
Trisetum canescens
Triteleia *hyacinthina*
 “ *ixioides = Triteleia lutea*
 “ *laxa (straight and curved filament forms)*
Typha latifolia
Umbellularia Californica
Urtica dioica ssp. gracilis
 “ “ *ssp. holosericea*
Vaccinium ovatum
Vancouveria planipetala
Verbena lasiostachys
Veronica americana
Vicia americana ssp. oregona
 “ *exigua*
 “ *gigantea*
Viola adunca
 “ *glabella*
 “ *ocellata*
 “ *pedunculata*
 “ *sempervirens*
Whipplea modesta
Woodwardia fimbriata
Wyethia angustifolia
 “ *glabra*
Xanthium spinosum
Xerophyllum tenax

Zauschneria Californica = *Epilobium canum*
Zigadenus fremontii

ADDENDUM TO SCOTT CREEK WATERSHED NATIVE FLORA
(5/22/04)

*Species historically placed in watershed/enumerated in
Flora of the Santa Cruz Mountains by John Hunter Thomas*

Species observed locally by Agnes McCrary and Roberta Smith

- [1] *Arbronia umbellata lam. (both A. latifolia esch. and A. umbellata lam., occurred at Scott Creek Beach prior to the erection of the Highway 1 bridge, according to Agnes McCrary—per. comm. with author)*
- [2] *Agrostis scabra willd. (Mill Creek/J. H. Thomas Flora of the SC Mountains)*
- [3] *Berberis nervosa pursh. (Big Creek Watershed)*
- [4] *Ceanothus incanus T. & G. (Swanton/J. H. Thomas Flora of SC Mountains)*
- [5] *Ceanothus velutinus dougl. ex hook. var. laevigatus (hook.) T. & G. (Swanton/J. H. Thomas Flora of SC Mountains)*
- [6] *Chaetopappa bellidiflora (Greene) keck. = Pentachaeta bellidiflora E. Greene (Scott Creek Watershed/J. H. Thomas Flora of SC Mountains)*
- [7] *Cirsium occidentale (nut.) jeps. (Swanton/J. H. Thomas Flora of SC Mountains)*
- [8] *Lotus oblongifolius (benth.) greene var. nevadensis (gray) munz = L. oblongifolius (benth.) greene var. oblongifolius (Swanton/J. H. Thomas Flora of SC Mountains)*
- [9] *Lupinus micranthus dougl. ex lindl. (Scott Creek/J. H. Thomas Flora of SC Mountains)*
- [10] *Oenothera contorta dougl. ex hook. var. epilobioides (Greene) munz = Camissonia contorta (Douglas) raven [?] (Swanton/J. H. Thomas Flora of SC Mountains)*

- [11] *Pedicularis densiflora* benth. ex hook. (Swanton/J. H. Thomas
Flora of SC Mountains; South Pine Mountain/Roberta Smith,
Ph.D.)
- [12] *Quercus dumosa* nutt. = *Quercus berberidifolia* liebm. (?)
(Mill Creek/J. H. Thomas Flora of SC Mountains)
- [13] *Rhododendron macrophyllum* D.don ex G.don (Swanton/J. H.
Thomas Flora of SC Mountains)
- [14] *Senecio hydrophilus* nutt. (Swanton/J. H. Thomas Flora of SC
Mountains)
- [15] *Veronica peregrina* L. ssp. *xalapensis* (Hbk.) Pennell
(Swanton/J. H. Thomas Flora of SC Mountains)

SCOTT CREEK WATERSHED NATIVE SPECIES PLANT LISTING

J. Ambrose West

Supplement (06/12/04)

DICOTS

DUDLEYA *cymosa* (Lemaire) britt. & rose

Upper Big Creek Watershed/Eagle Rock [Randall Morgan, per. comm.]

HOITA (*psoralea*) *orbicularis* (Lindley) rydb.

Upper Big Creek Watershed/Eagle Rock

LOTUS *crassifolius* (benth.) E. Greene

Upper Big Creek Watershed/Eagle Rock—Lockheed area
[Randall Morgan, per. comm.]

LUDWIGIA *palustris* (L.) Elliott

Upper Big Creek Watershed [Randall Morgan, per. comm.]

PENSTEMON *corymbosus* benth.

Upper Big Creek Watershed/Eagle Rock
[Randall Morgan, per. comm.]

THERMOPSIS *macrophylla* hook. & arn.

Upper Big Creek Watershed/Lockheed area

MONOCOTS (include with grasses)

MELICA *harfordii* bolander

Upper Big Creek Watershed/Lockheed area

