Papaveraceae (poppy family)
Eschscholzia californica california poppy

Plantaginaceae (plantain family)
Plantago erecta California/western/annual/dwarf plantain
**P. major* common plantain
P. subnuda Mexican plantain

Platanaceae (sycamore family)
Platanus racemosa California/western sycamore

Polygonaceae (buckwheat family)
**Emex spinosa* spiny emex
Eriogonum elongatum long-stemmed buckwheat
E. fasciculatum california buckwheat
Lastarriaea coriaceae lasterriaca
**Polygonum arenastrum* common knotweed
**Rumex conglomeratus* whorled/green dock
**R. crispus* curly dock
R. salicifolius willow/california dock

Portulacaceae (purslane family)
Calandrinia ciliata red maids
Claytonia perfoliata miner's lettuce

Primulaceae (primrose family)
**Anagallis arvensis* scarlet pimpernel
Samolus parviflorus water-pimpernel

Ranunculaceae (buttercup family)
Clematis ligusticifolia western virgin's bower
Ranunculus californicus california buttercup

Rhamnaceae (buckthorn family)
Rhamnus ilicifolia holly-leafed redberry

Rosaceae (rose family)
Heteromeles arbutifolia toyon, christmas berry, hollywood
Potentilla glandulosa sticky cinquefoil
Rosa californica California wild rose
Rubus ursinus california blackberry

Rubiaceae (madder family)
Galium angustifolium ssp. *angustifolium* narrow-leaf/chaparral bedstraw
**G. aparine* common bedstraw, goose grass
G. nuttallii ssp. *nuttallii* nuttall's bedstraw

Salicaceae (willow family)
Salix gooddingii southwestern willow
S. laevigata red willow
S. lasiolepis arroyo willow

Saururaceae (lizard-tail family)
Anemopsis californica yerba mansa

Scrophulariaceae (figwort family)
Antirrhinum nuttallianum purple snapdragon
Castilleja affinis coastal paintbrush
C. exserta common/purple owl's-clover
C. foliolosa woolly/felt paintbrush
Keckiella cordifolia heart-leaved bush penstemon
Linaria canadensis var. *texana* larger blue toad-flax
Mimulus aurantiacus bush/sticky monkeyflower
M. brevipes slope semiphore
M. guttatus seep monkeyflower
Scrophularia californica bee plant
**Veronica* sp. speedwell

Solanaceae (nightshade family)
Datura wrightii western jimsonweed
**Nicotiana glauca* tree tobacco
N. quadrivalvis indian tobacco
Physalis crassifolia ground cherry
**Solanum americanum* small-flowered nightshade
S. douglasii douglas' nightshade
S. umbelliferum blue witch
S. xanti purple/chaparral nightshade

Tropaeolaceae (nasturtium family)
**Tropaeolum majus* garden nasturtium

Urticaceae (nettle family)
Hesperocnide tenella western nettle
Urtica dioica ssp. *holosericea* hoary/common/creek nettle
**U. urens* dwarf nettle

Verbenaceae (vervain family)
Verbena lasiostachys verbena

Viscaceae (mistletoe family)
Phoradendron macrophyllum chaparral/big-leaf mistletoe

FLOWERING PLANTS—MONOCOTS

Caracaceae (palm family)
**Phoenix canariensis* Canary Island date palm

Cyperaceae (sedge family)
Carex sp. sedge
Scirpus cernuus var. *californicus* california club rush
S. koilolepis long-leaved club rush
S. maritimus alkali bullrush

Iridaceae (iris family)
Sisyrinchium bellum blue-eyed-grass

Juncaceae (rush family)
Juncus balticus wire rush, baltic grass/rush
J. xiphioides iris-leaved rush

Lemnaceae (duckweed family)
Lemna sp. duckweed

Liliaceae (lily family)
Bloomeria crocea golden stars
Calochortus catalinae Catalina mariposa lily
C. splendens splendid/lilac mariposa lily
C. weedi Weed's mariposa lily
Chlorogalum pomeridianum soap plant, amole
Dichelostemma capitatum blue dicks, wild hyacinth

Poaceae (grass family)
**Agrostis exarata* spike redtop
**A. stolonifera* European redtop, creeping bentgrass
**Arundo donax* giant reed
**Avena barbata* slender wild oat
**A. fatua* wild oats
**Brachypodium distachyon* purple false brome, false barley
Bromus carinatus California brome grass
**B. catharticus* rescue grass
**B. diandrus* ripgut grass/brome
**B. hordeaceus* soft/smooth chess/brome
**B. madritensis* ssp. *rubens* red/foxtail brome
**Cynodon dactylon* bermuda grass
Distichlis spicata coastal salt grass
Elymus glaucus ryegrass, blue wild rye
**Gastridium ventricosum* nitgrass
**Hordeum murinum* ssp. *leporinum* hare/foxtail/wild barley
**H. vulgare* cultivated barley
**Lamarckia aurea* goldentop
Leymus condensatus giant/big wild rye
L. triticoides beardless/alkai/valley/creeping wild rye
**Lolium multiflorum* Italian ryegrass
Melica imperfecta small-flowered melic
Muhlenbergia microsperma littleseed muhly
Nessella lepida foothill needlegrass, feather-grass
N. pulchra purple needlegrass
**Pennisetum setaceum* african fountain grass
**Phalaris paradoxa* paradox canary grass
**Polypogon interruptus* ditch beardgrass
**P. monspeliensis* rabbitfoot grass, annual beardgrass
Vulpia myuros *var.* hirsuta *foxtail/rattail fescue*

Typhaceae (cattail family)
Typha latifolia broad-leaved/tall cattail

*Introduced plant

Prepared by Sarah Jayne, CCIA member, from lists on file at the Park, an herbarium which no longer exists, observation, and with the help of members of the California Native Plant Society.

FRONTESPIECE: Wild cucumber, *Marah macrocarpus*, by Margaret Warriner Buck from "The Wild Flowers of California", Mary Elizabeth Parsons, New York: Dover, 1966.

Crystal Cove State Park
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Field Checklist

Plants of the Backcountry

Crystal Cove State Park

CRYSTAL COVE ALLIANCE

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FERNS AND FERN ALLIES

Dennstaedtiaceae (bracken fern family)
Pteridium aquilinum var. *pubescens* bracken fern

Dryopteridaceae (wood fern family)
Dryopteris arguta coastal wood fern

Polypodiaceae (polypody fern family)
Polypodium californicum California polypody

Pteridaceae (brake fern family)
Adiantum jordanii California maiden-hair fern
Pellaea andromedifolia coffee fern
Pentagramma triangularis ssp. *triangularis* goldback fern

FLOWERING PLANTS--DICOTS

Anacardiaceae (sumac family)
Malosma laurina laurel sumac
Rhus integrifolia lemonade berry
Toxicodendron diversilobum poison oak

Apiaceae (carrot family)
Apiastrum angustifolium wild celery, mock parsley **Apium graveolens* common celery
Berula erecta cut-leaved water-parsnip
**Conium maculatum* poison hemlock
**Foeniculum vulgare* fennel
Sanicula crassicaulis pacific sanicle
Yabea microcarpa California hedge parsley

Asclepiaceae (milkweed family)
Asclepias eriocarpa indian milkweed
A. fascicularis narrow-leaf/mexican milkweed
Sarcostemma cyanchoides ssp. *hartwegii* Hartweg's milkvine

Asteraceae (sunflower family)
Amblyopappus pusillus coast weed
Ambrosia psilostachya western ragweed
Artemisia californica coastal sagebrush
A. douglasiana mugwort
A. dracunculus tarragon
Baccharis pilularis coyote brush, bush; chaparral broom
B. salicifolia mule fat, seepwillow, water wally
Brickellia californica california brickelbush
**Centaura melitensis* tocalote, star thistle
**Chamomilla suaveolens* pineapple weed
**Chrysanthemum coronarium* garland chrysanthemum
Conyza coulteri Coulter's horseweed
**Cotula coronopifolia* african brass-buttons
**Cynara cardunculus* artichoke thistle, cardoon
Encelia californica California encelia
Ericameria palmeri Palmer's ericameria
E. pinifolia pine goldenbush
Eriophyllum confertiflorum golden yarrow
Filago californica California fluffweed
**F. gallica* narrow-leaved filago
Gnaphalium bicolor Bioletti's cudweed
G. californicum california/green everlasting
G. anescens ssp. *beneolens* fragrant everlasting
G. anescens ssp. *microcephalum* white everlasting
**G. luteo-album* weedy/white cudweed
G. palustre lowland cudweed
G. ramosissimum pink everlasting
G. stramineum cotton batting plant
Grindelia camporum gum plant
Helenium puberulum rosilla, sneezeweed
Helianthus annuus western sunflower
Hemizonia fasciculata fascicled tarweed
Heterotheca grandiflora telegraph weed
**Hypochaeris glabra* smooth cat's ear
**H. radicata* hairy cat's ear
Isocoma menziesii var. *sedoides* succulent goldenbush
I. menziesii var. *vernonioides* coastal goldenbush
**Lactuca serriola* prickly or wild lettuce
Lasthenia coronaria southern goldenfields
L. glabrata ssp. *coulteri* goldfields, smooth lasthenia
Lessingia filaginifolia California cudweed, sand aster
Malacothrix saxatilis cliff malacothrix
Rafinesquia californica california chicory
Senecio californicus california butterweed
**Silybum marianum* milk thistle
Solidago californica goldenrod
**Sonchus asper* prickly/common sow thistle
**S. oleraceus* common sow thistle
Stephanomeria virgata tall/twiggy wreath plant
Xanthium spinosum spiny cocklebur
X. strumarium cocklebur

Boraginaceae (borage family)
Amsinckia menziesii var. *intermedia* common fiddleneck
Heliotropium curassavicum salt/alkali/wild heliotrope
Plagiobothrys collinus ssp. *fulvescens* rough popcorn flower
P. nothofluvus rusty popcorn flower

Brassicaceae (mustard family)
**Brassica nigra* black mustard
**B. rapa* field mustard
**Cakile maritima* searocket
**Capsella bursa-pastoris* shepherd's purse
Cardamine californica milkmaids
**Coronopus didymus* lesser wart-cress
**Hirschfeldia incana* shortpod/summer mustard
Lepidium nitidum shining/common peppergrass
**Lobularia maritime* sweet-alyssum
**Raphanus sativus* wild radish
**Rorippa nasturtium-aquaticum* water cress
**Sisymbrium irio* London rocket
**S. officinale* hedge mustard
**S. orientale* hare's-ear cabbage
Tropidocarpum gracile slender keel-fruit

Cactaceae (cactus family)
Opuntia littoralis coastal prickly pear
O. prolifera coastal cholla

Capparaceae (caper family)
Isomeris arborea bladderpod

Caprifoliaceae (honeysuckle family)
Sambucus mexicana blue elderberry
Symphoricarpos mollis spreading/creeping snowberry

Caryophyllaceae (pink family)
Cardionem ramosissimum sand mat
**Polycarpon tetraphyllum* four-leaved polycarp
**Silene gallica* windmill pink
S. laciniata indian/mexican/southern pink
**Spergularia villosa* villous sand spurry
**Stellaria media* common chickweed

Chenopodiaceae (goosefoot family)
**Atriplex semibaccata* Australian saltbush
**Chenopodium album* lamb's quarter
**C. ambrosioides* mexican tea
C. californicum california goosefoot, soap plant
**C. murale* nettle-leaved goosefoot
**Salsola tragus* russian thistle, tumbleweed

Convolvulaceae (morning-glory family)
Calystegia macrostegia bindweed, morning-glory
**Convolvulus arvensis* common/field bindweed

Crassulaceae (stonecrop family)
Crassula connata pigmy stonecrop
Dudleya lanceolata lance-leaved/coastal live-forever
D. multicaulis many-stemmed live-forever
D. pulverulenta chalk dudleya/lettuce

Cucurbitacea (gourd family)
Cucurbita foetidissima calabazilla, coyote melon
Marah macrocarpus wild cucumber, man root

Cuscutaceae (dodder family)
Cuscuta californica California witch's hair, dodder

Euphorbiaceae (spurge family)
Croton californicus California croton
Eremocarpus setigerus turkey mullein, doveweed
**Ricinus communis* castor-bean

Fabaceae (pea family)
Astragalus didymocarpus var. *didymocarpus* white dwarf locoweed
Lathyrus vestitus var. *alefeldii* chaparral sweet pea
Lotus hamatus San Diego or grab lotus
L. heermannii var. *heermannii* southern wooly lotus
L. salsuginosis ssp. *salsuginosis* alkali lotus
L. scoparius deer weed, california broom
L. strigosus hairy lotus
Lupinus albifrons var. *albifrons* silver bush-lupine
L. bicolor dove/miniature lupine
L. hirsutissimus stinging lupine
L. microcarpus var. *microcarpus* chick lotus
L. succulentus succulent/arroyo lupine
L. truncatus collar lotus
**Medicago polymorpha* bur-clover
**Melilotus alba* white sweetclover
**M. indica* yellow sweetclover, sourclover
**Trifolium pratense* red clover
T. wildenovii valley clover

Fagaceae (oak family)
Quercus oak
Q. agrifolia coast live oak
Q. berberidifolia California scrub oak
Q. berberidifolia x *lobata* MacDonald oak

Geraniaceae (geranium family)
**Erodium botrys* long-beaked/broad-leaf filaree
**E. cicutarium* red stemmed filaree
**E. moschatum* white/green-stemmed filaree
Geranium carolinianum Carolina geranium

Grossulariaceae (gooseberry family)
Ribes speciosum fuchsia-flowered gooseberry

Hydrophyllaceae (waterleaf family)
Emmenanthe penduliflora whispering bells
Eucrypta chrysanthemifolia common eucrypta
Phacelia cicutaria caterpillar phacelia
P. distans blue/common/fern phacelia
P. parryi Parry's phacelia
P. ramosissima branching phacelia
Pholistoma auritum var. *auritum* fiesta flower

Lamiaceae (Labiatae) (mint family)
**Marrubium vulgare* horehound
Monardella lanceolata horse/mustang mint
Salvia apiana white sage
S. apiana x *mellifera* hybrid
S. mellifera black sage
S. spathacea hummingbird sage, scarlet pitcher sage
Stachys ajugoides var. *rigida* rigid hedge-nettle
Trichostema lanceolatum vinegar weed

Malvaceae (mallow family)
Malacothamnus fasciculatus bushmallow, chaparral mallow
**Malva parviflora* cheeseweed

Nyctaginaceae (four-O'clock family)
Mirabilis californica wishbone bush

Onagraceae (evening-primrose family)
Camissonia bistorta california/southern sun cups
C. micrantha small primrose
Epilobium canum California fuchsia

Oxalidaceae (wood-sorrel family)
**Oxalis pes-caprae* Bermuda-buttercup or sour grass