

E.2

FLORAL AND FAUNAL COMPENDIA

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Species observed at the San Pedro Waterfront Project site during site surveys conducted by Jones & Stokes during October and November 2005 are identified as follows.

Plants

Pinaceae - Pine Family

@ *Pinus* sp.
pine

Aizoaceae - Fig-Marigold Family

** *Mesembryanthemum crystallinum*
Crystal Ice Plant

Amaranthaceae - Amaranth Family

* *Amaranthus albus*
White Amaranth (=Tumbleweed)

Anacardiaceae - Sumac Family

Rhus integrifolia
Lemonadeberry

Apiaceae - Carrot Family

** *Foeniculum vulgare*
Fennel (=Anise, Sweet Fennel, Wild Fennel)

Araliaceae - Ginseng Family

* *Sonchus oleraceus*
Sow Thistle
Baccharis salicifolia [*B. glutinosa*, *B. viminea*]
Mule Fat (Mulefat, Seep-willow, Water-wally)

Asteraceae - Sunflower Family

Aster subulatus
Slender Aster
Ambrosia psilostachya
Western Ragweed
Baccharis pilularis

- Coyote Bush
- ** *Centaurea melitensis*
Tocalote (=Malta Starthistle)
- * *Conyza bonariensis*
Flax-leaved Horseweed
- Conyza canadense*
Common Horseweed
- Helianthus annuus*
Common Sunflower (=Western Sunflower)
- Heterotheca grandiflora*
Telegraph Weed
- * *Lactuca serriola*
Prickly Lettuce (=Wild Lettuce)
- * *Picris echioides*
Bristly Ox-Tongue

Brassicaceae - Mustard Family

- ** *Brassica nigra*
Black Mustard
- * *Hirschfeldia incana* [=*Brassica geniculata*]
Short-pod Mustard
- * *Lepidium* sp.
peppergrass
- * *Raphanus sativus*
Wild Radish
- ** *Cakile maritima*
European Sea-rocket

Chenopodiaceae - Goosefoot Family

- Atriplex canescens*
Four-winged Saltbush
- Atriplex lentiformis*
Big Saltbush
- ** *Atriplex semibaccata*
Australian Saltbush
- @ *Beta vulgaris*
Beet
- * *Chenopodium murale*
Nettle-leaved Goosefoot
- Salicornia subterminalis*
Parish's Pickleweed
- Salicornia virginica*
Virginia Pickleweed
- * *Salsola tragus*
Russian-thistle (=Tumbleweed)

Euphorbiaceae - Spurge Family

- ** *Ricinus communis*
Castor-Bean

Fabaceae - Pea Family

- * *Melilotus alba*
White Sweetclover

Frankeniaceae - Frankenia Family

- Frankenia salina*
Alkali Heath

Geraniaceae - Geranium Family

- * *Erodium cicutarium*
Red-stemmed Filaree
- * *Erodium moschatum*
White-stem Filaree

Malvaceae - Mallow Family

- * *Malva parviflora*
Cheeseweed (=Little Mallow)
- * *Malva sylvestris*
High Mallow

Plumbaginaceae - Leadwort Family

- * *Limonium* sp.
sea-lavender

Poaceae - Grass Family

- ** *Cortaderia jubata*
Jubata Grass (Andean Pampas Grass, Atacama P. G.)
- Spartina foliosa*
California Cord Grass

Polygonaceae - Buckwheat Family

- * *Polygonum argyrocoleon*
Silver-sheath Knotweed
- * *Polygonum* sp.
knotweed
- * *Rumex crispus*
Curly Dock

Solanaceae - Nightshade Family

- * *Datura stramonium*
Annual Jimsonweed
- @ *Lycopersicon esculentum*
Tomato
- * *Nicotiana glauca*
Tree Tobacco

Arecaceae - Palm Family

- @ *Phoenix canariensis*
Canary Islands Date Palm
- * *Washingtonia robusta*
Mexican Fan Palm

Cyperaceae - Sedge Family

- Scirpus maritimus*
Prairie Bulrush

Poaceae - Grass Family

- ** *Arundo donax*
Giant Reed
- * *Bromus diandrus* [=*Bromus rigidus*]
Ripgut Brome (=Common Ripgut Grass, Ripgut Grass)
- ** *Bromus madritensis*
Spanish Brome (=Compact Brome, Foxtail Chess)
- * *Cynodon dactylon*
Bermuda Grass

- Distichlis spicata*
Salt Grass
- * *Hordeum murinum*
Glaucous Foxtail Barley
- * *Lolium perenne*
Perennial Ryegrass (=English Ryegrass)
- * *Pennisetum clandestinum*
Kikuyu Grass
- * *Phalaris* sp.
Canary grass
- * *Piptatherum miliaceum* [= *Oryzopsis miliaceum*]
Smilo Grass (=Rice Grass)
- * *Polypogon monspeliensis*
Annual Beard Grass (=Rabbit's Foot Grass)
- * *Setaria* sp.
bristlegrass

Typhaceae - Cattail Family

- Typha domingensis*
Slender Cattail (=Southern Cattail)
- Typha latifolia*
Broad-leaved Cattail

Zygophyllaceae - Caltrop Family

- * *Tribulus terrestris*
Puncture Vine

Animals

Moths, Skippers, and Butterflies

Pieridae - Whites and Sulphurs Family

- Colias eurytheme*
Orange Sulphur (=Alfalfa Butterfly)

Nymphalidae - Brush-footed Butterfly Family

- * *Agraulis vanillae*
Gulf Fritillary
- Vanessa cardui*
Painted Lady (=American Lady)

Reptiles

Phrynosomatidae - Spiny Lizard Family

- Uta stansburiana*
Side-blotched Lizard (=Common S-b. Lizard)

Birds

Anatidae - Swan, Goose, and Duck Family

Melanitta perspicillata

Surf Scoter

Bucephala albeola

Bufflehead

Gaviidae - Loon Family

! *Gavia immer*

Common Loon

Podicipedidae - Grebe Family

Podilymbus podiceps

Pied-billed Grebe

Podiceps auritus

Horned Grebe

Aechmophorus occidentalis

Western Grebe

Pelecanidae - Pelican Family

! *Pelecanus erythrorhynchos*

American White Pelican

! *Pelecanus occidentalis*

Brown Pelican

! *Pelecanus occidentalis californicus*

California Brown Pelican

Phalacrocoracidae - Cormorant Family

Phalacrocorax penicillatus

Brandt's Cormorant

! *Phalacrocorax auritus*

Double-crested Cormorant

Ardeidae - Heron Family

Ardea herodias

Great Blue Heron

Egretta thula

Snowy Egret

Nycticorax nycticorax

Black-crowned Night-Heron

Accipitridae - Hawk Family

! *Pandion haliaetus*

Osprey

Buteo jamaicensis

Red-tailed Hawk

Falconidae - Falcon Family

Falco sparverius

American Kestrel

Rallidae - Rail and Coot Family

Fulica americana

American Coot

Charadriidae - Plover Family

Charadrius vociferus
Killdeer

Scolopacidae - Sandpiper Family

Catoptrophorus semipalmatus
Willet
Limosa fedoa
Marbled Godwit
Arenaria melanocephala
Black Turnstone
Aphriza virgata
Surfbird
Calidris alba
Sanderling
Calidris mauri
Western Sandpiper

Laridae - Gull and Tern Family

Larus heermanni
Heermann's Gull
Larus delawarensis
Ring-billed Gull
! *Larus californicus*
California Gull
Larus argentatus
Herring Gull
Larus occidentalis
Western Gull
Sterna caspia
Caspian Tern

Columbidae - Pigeon and Dove Family

* *Columba livia*
Rock Pigeon (=Rock Dove)
Zenaida macroura
Mourning Dove

Trochilidae - Hummingbird Family

Calypte anna
Anna's Hummingbird
Selasphorus rufus/sasin
Rufous/Allen's Hummingbird

Alcedinidae - Kingfisher Family

Ceryle alcyon
Belted Kingfisher

Picidae - Woodpecker Family

Colaptes auratus
Northern Flicker

Tyrannidae - Tyrant Flycatcher Family

Sayornis nigricans
Black Phoebe
Sayornis saya
Say's Phoebe

Laniidae - Shrike Family

- ! *Lanius ludovicianus*
Loggerhead Shrike

Corvidae - Jay and Crow Family

- Aphelocoma californica*
Western Scrub-Jay
Corvus brachyrhynchos
American Crow
Corvus corax
Common Raven

Alaudidae - Lark Family

- (!) *Eremophila alpestris*
Horned Lark

Aegithalidae - Bushtit Family

- Psaltriparus minimus*
Bushtit

Troglodytidae - Wren Family

- Thryomanes bewickii*
Bewick's Wren
Troglodytes aedon
House Wren

Regulidae - Kinglet Family

- Regulus calendula*
Ruby-crowned Kinglet

Mimidae - Thrasher Family

- Mimus polyglottos*
Northern Mockingbird

Sturnidae - Starling Family

- * *Sturnus vulgaris*
European Starling

Parulidae - Wood-Warbler Family

- Vermivora celata*
Orange-crowned Warbler
Dendroica coronata
Yellow-rumped Warbler
Geothlypis trichas
Common Yellowthroat

Emberizidae - Sparrow Family

- (!) *Passerculus sandwichensis*
Savannah Sparrow
Melospiza melodia
Song Sparrow
Zonotrichia leucophrys
White-crowned Sparrow

Icteridae - Blackbird, Cowbird and Oriole Family

- Agelaius phoeniceus*
Red-winged Blackbird
Sturnella neglecta
Western Meadowlark

Euphagus cyanocephalus
Brewer's Blackbird
Molothrus ater
Brown-headed Cowbird
Icterus bullockii
Bullock's Oriole

Fringillidae - Finch Family

Carpodacus mexicanus
House Finch

Passeridae - Old World Sparrow Family

* *Passer domesticus*
House Sparrow (=English Sparrow)

Mammals**Didelphidae - Opossum Family**

* *Didelphis virginiana*
Virginia Opossum

Sciuridae - Squirrel Family

* *Sciurus niger*
Eastern Fox Squirrel (=Fox Squirrel)

Geomyidae - Pocket Gopher Family

Thomomys bottae
Botta's Pocket Gopher (=Valley Pocket Gopher)

Muridae - Mouse, Rat, and Vole Family

* *Rattus norvegicus*
Norway Rat (Brown Rat)
* *Rattus rattus*
Black Rat (House Rat, Roof Rat, Rice Rat)

Canidae - Canid Family

@ *Canis familiaris*
Domestic Dog (=Feral Dog)
* *Vulpes vulpes*
Red Fox

Otariidae - Eared Seal Family

Zalophus californianus
California Sea-Lion

Procyonidae - Procyonid Family

Procyon lotor
Common Raccoon

Felidae - Cat Family

@ *Felis catus* [= *Felis catus*, *Felis sylvestris*]
Domestic Cat (=Feral Cat)

Taxonomy, Scientific Nomenclature, and English Names

For some taxa, additional binomials are listed in brackets. Such alternate names may correspond to older or alternate taxonomy, to newly proposed taxonomy not yet adopted or rejected by sources we follow, to published misapplications, or to taxa interpreted in the sources we follow to be below the species level or simply invalid. Established, alternate English names are given in parentheses.

Plants

Taxonomy and scientific nomenclature at and below the family level, as well as native versus nonnative status, follow that of Hickman (1993) except for more recent assignments used in CNPS (2005). Arrangement of higher taxonomic groups (orders and above) follows Flora of North America Editorial Committee (1993).

There is currently no single, published, standard for English names of plants (also called "common", "colloquial" or "vernacular" names). English names given for species and families are capitalized here to clarify their intended use as standardized, idiomatic proper names, not descriptors. Thus, a "Many-flowered Bushmallow" is *Malacothamnus densiflorus*, flowering or not, but a "many-flowered bushmallow" could be any *Malacothamnus* species heavily in flower, but could not logically be a non-flowering *M. densiflorus*.

For English names we generally follow (in preferential order) CNPS (2005), Hickman (1993), the CalFlora Database project (<http://www.calflora.org/>), Abrams (1923, 1944), Abrams and Ferris (1951, 1960), and Beauchamp (1986).

Invertebrate Animals

For butterflies and skippers, taxonomic levels and nomenclature follow NABA (1995) except as updated in Opler and Wright (1999). For English names not provided by these sources, the list follows Hogue (1993).

Vertebrate Animals

Taxonomy and nomenclature for higher level taxa follow Raven and Johnson (1996). For lower taxonomic levels, taxonomy, scientific nomenclature and English names follow Collins and Taggart (2002) for native herpetiles (amphibians, turtles, and reptiles), AOU (1998) and supplements (AOU 2000, 2002, 2003, 2004) for birds, and Jones et al. (1997) for mammals. Subspecies taxonomy and nomenclature for birds follow AOU (1957) as updated by Browning (1990).

Codes

The following codes are applied in this list:

- ! Special regulatory status applies, as defined above.
- !! Currently believed to be extirpated from the defined region, including those extinct throughout their range.
- * Nonnative, with believed-to-be established populations (follows data from applicable, cited sources).
- ** Nonnative; classified as an invasive species per CalEPPC (1999, Lists A and B).
- @ Adventive; non-established “waifs” or “escapes” found sufficiently often to be noted as present. May be capable of reproducing from seed, but the available evidence indicates no long-term establishment occurs.
- v vagrant; applicable to species whose presence in the region results only from individuals judged to be wandering outside of the normal range of the species. This code is applied only to volant (flying) species.
- () Around other status codes, indicates the status applies only to some forms or populations in the region.

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