



# Carpinteria Salt Marsh Reserve

UNIVERSITY OF CALIFORNIA NATURAL RESERVE SYSTEM

## Taxonomic Checklist of Vascular Plants at Carpinteria Salt Marsh

This checklist is adapted from Ferren (1985), *Carpinteria Salt Marsh: Environment, History, and Botanical Resources of a Southern California Estuary*. It is organized first by major plant groups (ferns, flowering plants, etc.), and then alphabetically by plant family, genus, and species. Scientific and common names of plants are provided. The checklist includes species known to occur presently as well as those collected historically from the estuary and vicinity. Plants native to the area are listed in *italic*, whereas naturalized exotic species are listed in plain print.

### FERNS AND FERN-ALLIES

- *EQUISETACEAE* (Horsetail Family)
  - *Equisetum hyemale ssp. affine* (Common Scouring-Rush)
  - *Equisetum laevigatum* (Smooth Scouring-Rush)
  - *Equisetum telmateia ssp. braunii* (Giant Horsetail)

### FLOWERING PLANTS: DICOTS

- *AIZOACEAE* (Carpet Weed Family)
  - *Carpobrotus chilensis* (Sea Fig)
  - *Carpobrotus edulis* (Hottentot Fig)
  - *Drosanthemum floribundum* (Rosea Ice Plant)
  - *Malephora crocea* (Crocea Ice Plant)
  - *Mesembryanthemum nodiflorum* (Slender-leaved Ice Plant)
  - *Tetragonia tetragonioides* (New Zealand Spinach)
- *AMARANTHACEAE* (Amaranth Family)
  - *Amaranthus hybridus* (Spleen Amaranth)
  - *Amaranthus powellii* (Powell's Amaranth)
- *ANACARDIACEAE* (Sumac Family)
  - *Toxicodendron diversilobum* (Poison Oak)
- *APIACEAE* (Celery Family)
  - *Apium graveolens* (Celery)

- *Berula erecta* (Cut-leaved Water Parsnip)
- *Conium maculatum* (Poison Hemlock)
- *Foeniculum vulgare* (Sweet Fennel)
- APOCYNACEAE (Dogbane Family)
  - *Vinca major* (Periwinkle)
- ARALIACEAE (Ginseng Family)
  - *Hedera helix* (English Ivy)
- ASTERACEAE (Sunflower Family)
  - *Ambrosia chamissonis* (Beach-Bur)
  - *Ambrosia psilostachya* (Western Ragweed)
  - *Artemisia biennis* (Biennial Sagewort)
  - *Artemisia californica* (Coastal Sagebrush)
  - *Artemisia douglasiana* (Mugwort)
  - *Aster subulatus* var. *ligulatus* (Slim Aster)
  - *Baccharis douglasii* (Salt Marsh Baccharis)
  - *Baccharis pilularis* (Coyote Brush)
  - *Baccharis salicifolia* (Mule Fat)
  - *Carduus pycnocephalus* (Italian Thistle)
  - *Centaurea melitensis* (Ticolote)
  - *Conyza bonariensis* (South American Conyza)
  - *Conyza canadensis* (Horseweed)
  - *Conyza coulteri* (Coulter's Horseweed)
  - *Cotula australis* (Australian Cotula)
  - *Cotula coronopifolia* (Brass-Buttons)
  - *Euthamia occidentalis* (Western Goldenrod)
  - *Gazania linearis* (Gazania)
  - *Gnaphalium californicum* (Green Everlasting)
  - *Gnaphalium canescens* ssp. *microcephalum* (White Everlasting)
  - *Gnaphalium luteo-album* (Weedy Cudweed)
  - *Gnaphalium stramineum* (Cotton-batting Plant)
  - *Hazardia squarrosa* var. *grindelioides* (Sawtooth Goldenbush)
  - *Helenium puberulum* (Sneezeweed)
  - *Helianthus annuus* (Sunflower)
  - *Hemizonia fasciculata* (Fascicled Tarweed)
  - *Heterotheca grandiflora* (Telegraph Weed)
  - *Hypochoeris glabra* (Smooth Cat's Ear)
  - *Isocoma veneta* var. *vernonioides* (Coast Goldenbrush)
  - *Jaumea carnosa* (Jaumea)
  - *Lactuca serriola* (Wild Lettuce)
  - *Lasthenia glabrata* ssp. *coulteri* (Salt Marsh Daisy or Goldfields)
  - *Malacothrix incana* (Dunedelion)
  - *Malacothrix saxatilis* var. *tenuifolia* (Cliff Aster)
  - *Osteospermum fruticosum* (Freeway Daisy)

- *Picris echioides* (Ox Tongue)
- *Senecio vulgaris* (Common Groundsel)
- *Silybum marianum* (Milk Thistle)
- *Solidago californica* (California Goldenrod )
- *Solidago confinis* (Southern Goldenrod )
- **ASTERACEAE** (Sunflower Family)
  - *Sonchus asper* (Prickly Sow-Thistle)
  - *Sonchus oleraceus* (Common Sow-Thistle)
  - *Stephanomeria exigua ssp. coronaria* (Small Stephanomeria)
  - *Tragopogon porrifolius* (Salsify or Oyster Plant)
  - *Venegasia carpesioides* (Canyon Sunflower)
  - *Xanthium spinosum* (Spiny Cocklebur or Spanish Thistle)
  - *Xanthium strumarium* (Cocklebur)
- **BASELLACEAE** (Basella Family)
  - *Anredera cordifolia* (Madeira Vine)
- **BORAGINACEAE** (Borage Family)
  - *Amsinckia spectabilis var. spectabilis* (Seaside Amsinckia)
  - *Heliotropium curassavicum* (Seaside Heliotrope)
- **BRASSICACEAE** (Mustard Family)
  - *Brassica nigra* (Black Mustard)
  - *Brassica rapa* (Field Mustard)
  - *Cakile maritima* (Sea Rocket)
  - *Cardamine oligosperma* (Few-seeded Bitter-Cress)
  - *Coronopus didymus* (Wart-Cress)
  - *Descurainia pinnata ssp. menziesii* (Tanzy Mustard)
  - *Hirschfeldia incana* (Summer Cress)
  - *Hutchinsia procumbens* (Hutchinsia)
  - *Lepidium virginicum var. pubescens* (Wild Pepper-Grass)
  - *Rorippa nasturtium-aquaticum* (Water Cress or Berros)
  - *Raphanus sativus* (Wild Radish)
  - *Sisymbrium irio* (London Rocket)
  - *Sisymbrium orientale* (Oriental Sisymbrium)
- **CACTACEAE** (Cactus Family)
  - *Opuntia basilaris* (Beavertail Cactus)
  - *Opuntia ficus-indica* (Indian-Fig)
- **CAPRIFOLIACEAE** (Honeysuckle Family)
  - *Sambucus mexicana* (Blue Elderberry)
- **CARYOPHYLLACEAE** (Pink Family)
  - *Silene gallica* (Common Catchfly)

- *Spergularia bocconii* (Boccone's Sand-Spurry)
- *Spergularia macrotheca var. macrotheca* (Large-flowered Sand-Spurry)
- *Spergularia marina* (Salt Marsh Sand-spurry)
- *Stellaria media* (Common Chickweed)
- **CHENOPODIACEAE** (Goosefoot Family)
  - *Arthrocnemum subterminale* (Parish's Glasswort)
  - *Atriplex californica* (California Saltbush)
  - *Atriplex lentiformis ssp. lentiformis* (Brewer's Saltbush, Quailbush)
  - *Atriplex leucophylla* (Beach Saltbush or Seascale)
  - *Atriplex rosea* (Redscale)
  - *Atriplex semibaccata* (Australian Saltbush)
  - *Atriplex triangularis* (Spearscale)
  - *Atriplex watsonii* (Matscale)
  - *Bassia hyssopifolia* (Hyssop-Leaved Bassia)
  - *Beta vulgaris* (Common Beet)
  - *Chenopodium ambrosioides* (Mexican Tea)
  - *Chenopodium berlandieri* (Pitseed Goosefoot)
  - *Chenopodium macrospermum var. halophilum* (Coast Goosefoot)
  - *Chenopodium murale* (Nettle-leaved Goosefoot)
  - *Chenopodium strictum var. glaucophyllum* (Goosefoot)
  - *Salicornia virginica* (Pickleweed)
  - *Salsola tragus* (Russian Thistle, Tumbleweed)
  - *Suaeda calceoliformis* (Sea-blite or Seep-weed)
  - *Suaeda taxifolia* (Wooly Sea-blite)
- **CONVOLVULACEAE** (Morning-Glory Family)
  - *Calystegia macrostegia ssp. cyclostegia* (Coast Morning-glory)
  - *Convolvulus arvensis* (Bindweed)
  - *Cressa truxillensis* (Alkali Weed)
- **CUSCUTACEAE** (Dodder Family)
  - *Cuscuta salina* (Salt Marsh Dodder)
- **EUPHORBIACEAE** (Spurge Family)
  - *Euphorbia lathyris* (Caper Spurge)
  - *Euphorbia peplus* (Petty Spurge)
  - *Ricinus communis* (Castor-Bean)
- **FABACEAE** (Pea Family)
  - *Hoita orbiculata* (Round-leaved Psoralea)
  - *Lotus corniculatus* (Birdfoot Trefoil)
  - *Lotus salsuginosus ssp. salsuginosus* (Coastal Hosackia)
  - *Lotus scoparius ssp. scoparius* (Deerweed)

- *Lupinus arboreus* (Bush Lupine)
- *Lupinus succulentus* (Arroyo or Succulent Lupine)
- *Medicago polymorpha* (Bur Clover)
- *Melilotus alba* (White Sweet-clover)
- *Melilotus indica* (Indian Sweet-clover)
- *Trifolium ciliolatum* (Tree Clover)
- *Vicia sativa* (Common Vetch)
  
- FRANKENIACEAE (Frankenia Family)
  - *Frankenia salina* (Alkali Heath)
  
- GERANIACEAE (Geranium Family)
  - *Erodium moschatum* (Whitestem Filaree)
  
- GROSSULARIACEAE (Gooseberry Family)
  - *Ribes amarum* var. *hoffmannii* (Bitter Gooseberry)
  - *Ribes menziesii* var. *hystrix* (Bristly or Canyon Gooseberry)
  
- HYDROPHYLLACEAE (Waterleaf Family)
  - *Eucrypta chrysanthemifolia* var. *chrysanthemifolia* (Common Eucrypta)
  - *Phacelia distans* (Wild Heliotrope)
  - *Phacelia ramosissima* var. *austrolitoralis* (Branching Phacelia)
  
- LAMIACEAE (Mint Family)
  - *Lamium amplexicaule* (Giraffe Head)
  - *Mentha spicata* (Spearmint)
  - *Stachys ajugoides* var. *rigida* (Rigid Hedge Nettle)
  - *Stachys bullata* (Wood Mint or California Hedge Nettle)
  
- MALVACEAE (Mallow Family)
  - *Lavatera cretica* (Cretan Lavatera)
  - *Malacothamnus fasciculatus* var. *nuttallii* (Chaparral Mallow)
  - *Malva nicaeensis* (Bull Mallow)
  - *Malva parviflora* (Cheese-weed)
  - *Malvella leprosa* (Alkali Mallow)
  
- MIMOSACEAE (Mimosa Family)
  - *Acacia longifolia* (Golden Wattle)
  
- MYOPORACEAE (Myoporum Family)
  - *Myoporum laetum* (Myoporum)
  
- NYCTAGINACEAE (Four O'Clock Family)
  - *Abronia maritima* (Sand Verbena)
  - *Abronia umbellata* ssp. *umbellata* (Sand Verbena)

- *ONAGRACEAE* (Evening Primrose Family)
  - *Camissonia cheiranthifolia* ssp. *suffruticosa* (Beach Evening Primrose)
  - *Epilobium ciliatum* ssp. *ciliatum* (Northern Willow-herb)
- *OXALIDACEAE* (Wood-Sorrel Family)
  - *Oxalis pes-caprae* (Sour Grass)
- *PITOSPORACEAE* (Pittosporum Family)
  - *Pittosporum undulatum* (Victorian Box)
- *PLANTAGINACEAE* (Plantain Family)
  - *Plantago lanceolata* (Ribgrass or English Plantain)
- *PLUMBAGINACEAE* (Leadwort Family)
  - *Limonium californicum* (California Sea Lavender or Marsh Rosemary)
  - *Limonium ramosissimum* (?) (Sea-lavender)
  - *Limonium sinuatum* (Sea-lavender)
- *POLYGONACEAE* (Buckwheat Family)
  - *Eriogonum fasciculatum* ssp. *foliolosum* (California Buckwheat)
  - *Polygonum arenastrum* (Common Knotweed)
  - *Polygonum punctatum* (Dotted Smartweed)
  - *Rumex acetocella* (Sheep Sorrel)
  - *Rumex conglomeratus* (Green or Clustered Dock)
  - *Rumex crispus* (Curly Dock)
  - *Rumex obtusifolius* (Bitter Dock)
  - *Rumex salicifolius* (Willow Dock)
- *PRIMULACEAE* (Primrose Family)
  - *Anagallis arvensis* var. *arvensis* (Pimpernel)
- *RANUNCULACEAE* (Crowfoot Family)
  - *Clematis ligusticifolia* (Virgin's Bower)
- *RHAMNACEAE* (Buckthorn Family)
  - *Ceanothus megacarpus* ssp. *megacarpus* (Bigpod Ceanothus)
  - *Ceanothus spinosus* (Greenbark)
- *ROSACEAE* (Rose Family)
  - *Potentilla anserina* ssp. *pacifica* (Pacific Silverweed)
  - *Rubus ursinus* (California Blackberry)
- *RUBIACEAE* (Madder Family)
  - *Galium aparine* (Cleavers or Goose Grass)
  - *Galium parisiense* (Wall Bedstraw)

- **SALICACEAE** (Willow Family)
  - *Salix exigua* (Narrowleaf or Sandbar Willow)
  - *Salix laevigata* (Red Willow)
  - *Salix lasiolepis* (Arroyo Willow)
  - *Salix lucida ssp. lasiandra* (Shining Willow)
- **SAURURACEAE** (Lizard-Tail Family)
  - *Anemopsis californica* (Yerba Mansa)
- **SCROPHULARIACEAE** (Figwort Family)
  - *Cordylanthus maritimus ssp. maritimus* (Salt Marsh Bird's-beak)
  - *Kickxia elatine* (Sharp-leaved Fluellin)
  - *Mimulus cardinalis* (Scarlet Monkey-flower)
  - *Scrophularia californica ssp. californica* (California Figwort)
  - *Veronica anagallis-aquatica* (Great Water Speedwell)
- **SOLANACEAE** (Nightshade Family)
  - *Datura meteloides* (Toloache, Jimsonweed)
  - *Nicotiana glauca* (Tree Tobacco)
  - *Solanum americanum* (Small-flowered Nightshade)
  - *Solanum douglasii* (Douglas' Nightshade)
  - *Solanum nigrum* (Black Nightshade)
  - *Solanum xantii var. xantii* (Purple Nightshade)
- **TROPAEOLACEAE** (Tropaeolum Family)
  - *Tropaeolum majus* (Garden Nasturtium)
- **URTICACEAE** (Nettle Family)
  - *Urtica dioica ssp. gracilis var. holosericea* (Hoary Nettle)
  - *Urtica urens* (Dwarf Nettle)
- **VERBENACEAE** (Vervain Family)
  - *Verbena lasiostachys ssp. lasiostachys* (Western Verbena)

### **FLOWERING PLANTS: MONOCOTS**

- **AMARYLLIDACEAE** (Amaryllis Family)
  - *Amaryllis belladonna* (Naked Lady)
- **CYPERACEAE** (Sedge Family)
  - *Carex praegracilis* (Common Sedge)
  - *Cyperus esculentus* (Yellow Nut Grass)
  - *Cyperus alternifolius* (Umbrella Plant)
  - *Cyperus eragrostis* (Umbrella Sedge)
  - *Eleocharis montevidensis* (Spike-rush)
  - *Scirpus americanus* (Winged Three-square)

- *Scirpus californicus* (California Bulrush)
- *Scirpus maritimus* (Prairie Bulrush)
- *Scirpus microcarpus* (Small-fruited Bulrush)
- *Scirpus pungens* (Three-square)
- *JUNCACEAE* (Rush Family)
  - *Juncus acutus ssp. leopoldii* (Spiny Rush)
  - *Juncus bufonius* (Common Toad Rush)
  - *Juncus patens* (Spreading Rush)
  - *Juncus rugulosus* (Wrinkled Rush)
  - *Juncus textilis* (Basket Rush)
  - *Juncus xiphioides* (Iris-leaved Rush)
- *JUNCAGINACEAE* (Arrow-Grass Family)
  - *Triglochin concinna* (Seaside Arrow-grass)
  - *Triglochin striata* (Three-ribbed Arrow-grass)
- *LEMNACEAE* (Duckweed Family)
  - *Lemna gibba* (Gibbous Duckweed)
  - *Lemna minor* (Lesser Duckweed)
- *LILIACEAE* (Lily Family)
  - *Asparagus officinalis* (Asparagus)
  - *Yucca gloriosa* (Spanish Dagger)
- *POACEAE* (Grass Family)
  - *Agrostis stolonifera* (Redtop, Creeping Bent)
  - *Agrostis viridis* (Water Bent)
  - *Arundo donax* (Giant Reed)
  - *Avena fatua* (Wild Oat)
  - *Bromus carinatus var. carinatus* (California Brome)
  - *Bromus catharticus* (Rescue Grass)
  - *Bromus diandrus* (Ripgut Grass)
  - *Bromus hordeaceus* (Soft Chess)
  - *Bromus madritensis ssp. rubens* (Foxtail Chess)
  - *Chloris gayana* (Rhodes Grass)
  - *Cynodon dactylon* (Bermudagrass)
  - *Distichlis spicata var. spicata* (Saltgrass)
  - *Echinochloa crusgalli* (Barnyard Grass)
  - *Eragrostis barrelieri*
  - *Eragrostis mexicana ssp. virescens* (Orcutt's Eragrostis)
  - *Eragrostis pectinacea*
  - *Hordeum depressum* (Alkali Barley)
  - *Hordeum marinum ssp. gussoneanum* (Mediterranean Barley)
  - *Hordeum murinum ssp. leporinum* (Wild Barley)



- *Leptochloa fascicularis* (Bearded Spangletop or Clustered Salt-Grass)
- *Leymus condensatus* (Giant Rye-Grass)
- *Leymus triticoides* (Alkali Rye-Grass)
- *Lolium multiflorum* (Italian Ryegrass)
- *Monanthochloe littoralis* (Shoregrass)
- *Parapholis incurva* (Sicklegrass)
- *Paspalum dilatatum* (Dallis Grass)
- *Pennisetum clandestinum* (Kikuyu Grass)
- *Pennisetum villosum* (Feathertop)
- *Piptatherum miliaceum* (Rice or Smilo Grass)
- *Poa annua* (Wintergrass)
- *Polypogon interruptus* (Beard Grass)
- *Polypogon monspeliensis* (Rabbitsfoot Grass)
- *Setaria gracilis* (Foxtail)
- *Setaria pumila* (Yellow Foxtail)
- *Sorghum bicolor* (Sorghum, Sudan Grass)
- *Vulpia bromoides* (Foxtail Fescue)
  
- *RUPPIACEAE* (Ditchgrass Family)
  - *Ruppia maritima* (Ditchgrass)
  
- *TYPHACEAE* (Cattail Family)
  - *Typha domingensis* (Southern Cattail)
  - *Typha latifolia* (Broadleaf Cattail)