

VASCULAR PLANTS OF BODEGA HEAD & BODEGA DUNES

PTERIDOPHYTES

AZOLLACEAE

Azolla filiculoides Lam.
Water fern. Native perennial.

BLECHNACEAE

Woodwardia fimbriata Smith
Giant chain fern. Native perennial.

DENNSTAEDTIACEAE

Pteridium aquilinum (L.) Kuhn var. **pubescens**
Underwood
Bracken fern. Native perennial.

DRYOPTERIDACEAE

Athyrium filix-femina (L.) Roth. var. **cyclosorum**
Rupr.
Lady fern. Native perennial.

Polystichum munitum (Kaulf.) Presl.
Sword fern. Native perennial.

EQUISETACEAE

Equisetum arvense L.
Common horsetail. Native perennial.

Equisetum hyemale (L.) ssp. **affine** (Engelmann)
[*Equisetum hyemale* L. var. **robustum** A.A. Eat.]
Giant scouring rush. Native perennial.

Equisetum telmateia Ehr. ssp. **braunii** Milde.
Giant horsetail. Native perennial.

POLYPODIACEAE

Polypodium calirhiza Whitmore and Smith
Polypody fern. Native perennial.

Polypodium scolieri Hook. and Greville.
Leather fern. Native perennial.

PTERIDACEAE

Pentagramma triangularis (Kaulf.) Yats., Wind.
Woll. [*Pityrogramma triangularis* (Kaulf.) Maxon]
Goldback fern. Native perennial.

GYMNOSPERMS

CUPRESSACEAE

Cupressus macrocarpa Hartw. ex Gordon.
Monterey cypress. Introduced perennial.

PINACEAE

Pinus muricata D. Don
Bishop pine. Native Perennial.

Pinus radiata D. Don
Monterey pine. Introduced Perennial.

Pseudotsuga menziesii (Mirbel) Franco var. **menziesii**
Douglas fir. Native perennial.

FLOWERING PLANTS: DICOTS

AIZOACEAE

Carpobrotus chilensis (Molina) Brown
[*Mesembryanthemum chilense* Mol.,
Carpobrotus aequilaterus (Haworth) Brown]
Sea fig, Ice plant. Introduced perennial.

Carpobrotus edulis (L.) Brown
[*Mesembryanthemum edule* L.]
Ice Plant, Hottentot Fig. Introduced perennial.

Tetragonia tetragonioides (Pallas) Kuntze
New Zealand spinach. Introduced annual.

ANACARDIACEAE

Toxicodendron diversilobum (T & G.) Greene
[*Rhus diversiloba* T & G.]
Poison oak. Native perennial.

APIACEAE

Angelica hendersonii Coult. & Rose
Native perennial.

Anthriscus caucalis Bieberstein
[*Anthriscus scandicina* (Weber) Mansf.]
Bur chervil. Introduced annual.

Berula erecta (Huds.) Cov.
Water parsnip. Introduced perennial.

Conium maculatum L.
Poison hemlock. Introduced biennial.

Daucus pusillus Michx.
Rattlesnake weed. Native annual.

Foeniculum vulgare Mill.
Sweet fennel. Introduced biennial or perennial.

Heracleum lanatum Michx.
Cow parsnip. Native perennial.

Hydrocotyle ranunculoides L.
Marsh pennywort. Native perennial.

Hydrocotyle verticillata Thunberg
Marsh pennywort. Native perennial.

Ligusticum apiifolium (Nutt.) A. Gray
Lovage. Native perennial.

Oenanthe sarmentosa Presl.
Native perennial.

Sanicula arctopoides H. & A.
Footsteps of spring. Native perennial.

Sanicula crassicaulis DC.
Native perennial.

Scandix pectin-veneris L.
Shepherd's needle. Introduced annual.

Yabea microcarpa (H. & A.) Koso-Polj.
Native annual.

APOCYNACEAE

Vinca major L.
Periwinkle. Introduced perennial.

ASTERACEAE

Achillea millefolium L.
Yarrow. Native perennial.

Agoseris apargioides (Less.) Greene var. **apargioides**
Seaside Agoseris. Native perennial.

Agoseris apargioides (Less.) Greene var. **eastwoodiae** (Fedde) Munz
[*A. a. maritima* (Sheld.) Jones]
Beach dandelion. Native perennial.

Agoseris grandiflora (Nutt.) Greene
Grand mountain dandelion. Native perennial.

Ambrosia chamissonis (Less.) Greene
Beach bur. Native perennial.

Anaphalis margaritacea (L.) B. & H.
Pearly everlasting. Native perennial.

Anthemis cotula L.
Stinkweed. Introduced annual.

Arctotheca calendula (L.) Levyns
Capeweed. Introduced perennial.

Artemisia douglasiana Bess.
Mugwort. Native perennial.

Artemisia pycnocephala (Lessing) DC.
Beach sagewort. Native perennial.

Aster chilensis Nees
Wild aster. Native perennial.

Baccharis pilularis DC.
Coyote brush. Native perennial.

Carduus pycnocephalus L.
Italian thistle. Introduced annual.

Carduus tenuiflorus Curtis
Slender-flowered thistle. Introduced annual.

Centaurea melitensis L.
Tocalote, Napa Star Thistle. Introduced annual.

Centaurea solstitialis L.
Yellow star thistle, Barnaby's thistle.
Introduced annual.

Chamomilla suaveolens (Pursh) Rydb.
Pineapple weed, Chamomile. Introduced annual.

Cichorium intybus L.
Chicory. Introduced perennial.

Cirsium brevistylum Cronq.
Indian thistle. Native annual or biennial.

Cirsium douglasii DC. var. **douglasii**
Swamp thistle. Native perennial.

Cirsium occidentale (Nutt.) Jeps.
Cobweb thistle. Native perennial.

Cirsium quercetorum (Gray) Jepson
Brownie thistle. Native perennial.

Cirsium quercetorum X occidentale

Cirsium vulgare (Savi) Ten.
Bull thistle. Introduced biennial.

Conyza bilbaoana Remy
Introduced annual.

Conyza canadensis (L.) Cronq.
Horseweed. Native annual.

Cotula coronopifolia L.
Brass buttons. Introduced perennial.

Delairea odorata Lemaire
[*Senecio mikanoides* L.]
Cape Ivy. Introduced perennial.

Erechtites glomerata (Poir.) DC.
[*E. arguta* (Rich.) DC.]
Fireweed. Introduced annual.

Erechtites minima (Poir.) DC.
[*E. prenanthoides* (Rich.) DC.]
Fireweed. Introduced annual.

Ericameria ericoides (Less.) Jepson
[*Haplopappus ericoides* (Less.) H. & A.]
Native perennial.

Erigeron foliosus Nutt. var. **franciscensis** Nesom
Fleabane daisy. Native perennial.

Erigeron glaucus Ker.
Seaside daisy. Native perennial.

Eriophyllum lanatum (Pursh) Forbes var. **arachnoideum** (F. and A.-L.) Jepson
Woolly sunflower. Native perennial.

Eriophyllum staechadifolium Lagasca
Lizard tail. Native perennial.

Filago gallica L.
Introduced annual.

Gnaphalium californicum DC.
Sticky everlasting. Native biennial.

Gnaphalium luteo-album L.
Cudweed. Introduced annual.

Gnaphalium purpureum L.
Spoonleaf everlasting. Native annual or biennial.

Gnaphalium ramosissimum Nutt.
Pink cudweed. Native annual or biennial.

Gnaphalium stramineum Kunth.
Cudweed, Woolly everlasting. Native annual or biennial.

VASCULAR PLANTS OF BODEGA HEAD & BODEGA DUNES

- Grindelia stricta** DC. var. **angustifolia** (Gray)
Lane
Marsh gumplant. Native perennial.
- Grindelia stricta** DC. var. **platyphylla** (Greene)
Lane
Coastal gumplant. Native perennial.
- Hedypnois cretica** (L.) Willdenow
Introduced annual.
- Helenium puberulum** DC.
Sneezeweed. Native perennial.
- Hesperexax sparsiflora** (Gray) Greene
[**Evax sparsiflora** (Gray) Jepson]
Native annual.
- Hypochaeris glabra** L.
Smooth cat's ear. Introduced annual.
- Hypochaeris radicata** L.
Hairy cat's ear. Introduced perennial.
- Jaumea carnosa** (Less.) Gray
Native perennial.
- Lasthenia californica** DC.
[**Lasthenia chrysostoma** (F. & M.) Greene]
Goldfields. Native annual.
- Lasthenia minor** (DC.) Ornduff
Goldfields. Native annual.
- Layia platyglossa** (F. & M.) Gray
Tidy tips. Native annual.
- Leontodon taraxacoides** (Villars) Merat.
[**Leontodon leysseri** (Wall.) Beck]
Hawkbit. Introduced perennial.
- Madia sativa** Mol.
Coast tarweed. Native annual.
- Microseris bigelovii** (Gray) Schultze-Bip.
Native annual.
- Picris echioides** L.
Ox tongue. Introduced perennial.
- Psilocarphus brevissimus** Nutt.
Woolly marbles. Native annual.
- Senecio elegans** L.
Purple ragwort. Introduced annual.
- Senecio sylvaticus** L.
Introduced annual.
- Senecio vulgaris** L.
Common groundsel. Introduced annual.
- Silybum marianum** (L.) Gaertner
Milk thistle. Introduced annual or biennial.
- Solidago californica** Nutt.
California goldenrod. Native perennial.
- Soliva sessilis** Ruiz & Pavon
[**Soliva daucifolia** Nutt.]
Introduced annual.
- Sonchus asper** (L.) Hill ssp. **asper**
Prickly sow thistle. Introduced annual.
- Sonchus oleraceus** L.
Common sow thistle. Introduced annual.
- BERBERIDACEAE**
- Berberis pinnata** Lag.
California Barberry. Native perennial.
- BORAGINACEAE**
- Amsinckia menziesii** (Lehm.) Nels. and Macbr.
Fiddleneck. Native annual.
- Amsinckia spectabilis** F. & M.
Seaside Fiddleneck. Native annual.
- Cryptantha leiocarpa** (F. & M.) Greene
Coast Cryptantha. Native annual.
- Echium candicans** L.
Pride of Madeira. Introduced perennial.
- Heliotropium curassavicum** L.
Salt heliotrope. Native perennial.
- Myosotis discolor** Pers.
Forget-me-not. Introduced annual or biennial.
- Plagiobothrys reticulatus** (Piper) Johnston var.
reticulatus
Native annual.
- Plagiobothrys stipitatus** (Greene) Johnston var.
stipitatus
Native annual.
- Plagiobothrys stipitatus** var. **micranthus** (Piper)
Johnston
Native annual.
- Plagiobothrys tenellus** (Nutt.) Gray
Native annual.
- BRASSICACEAE**
- Arabis blepharophylla** H. & A.
Rock cress. Native perennial.
- Arabis glabra** (L.) Benth. var. **glabra**
Native biennial.
- Barbarea orthoceras** Ledebour
Winter cress. Native biennial or perennial.
- Brassica nigra** (L.) Koch
Black mustard. Introduced annual.
- Brassica rapa** L.
[**Brassica campestris** L.]
Field mustard. Introduced annual.
- Cakile maritima** Scop.
Sea rocket. Introduced annual.
- Capsella bursa-pastoris** (L.) Medikus
Shepherd's purse. Introduced annual.
- Cardamine oligosperma** Nutt.
Bitter cress. Native annual or biennial.
- Cardamine californica** (T and G) Greene var.
sinuata (Greene) Schulz
Milkmaids. Native perennial.
- Coronopus didymus** (L.) Smith
Wart cress. Introduced annual or perennial.
- Erysimum menziesii** (Hook.) ssp. **eurekaense** Price
Menzies' wallflower. Native biennial,
experimentally introduced to Bodega Head.
- Guillenia lasiophylla** (H. and A.) Greene.
[**Thelypodium lasiophyllum** (H. & A.)
Greene].
California mustard. Native annual.
- Lepidium latifolium** L.
Perennial pepperweed. Introduced perennial.
- Lepidium nitidum** Torrey & Gray
Shining peppergrass. Native annual.
- Lobularia maritima** L.
Sweet alyssum. Introduced perennial.
- Raphanus sativus** L.
Wild radish. Introduced annual or biennial.
- Rorippa curvisiliqua** (Hooker) Bessey
Yellow cress. Native annual or biennial.
- Rorippa nasturtium-aquaticum** (L.) Hayek.
Water cress. Native perennial.
- CAPRIFOLIACEAE**
- Lonicera hispidula** (Lindley) Douglas var.
vacillans (Benth.) Gray
California honeysuckle. Native perennial.
- Lonicera involucrata** (Rich.) Banks var.
ledebourii (Esch.) Zabel
Twinberry. Native perennial.
- CARYOPHYLLACEAE**
- Cardionema ramosissimum** (Weinm.) Nels. &
Macbr.
Sand mat. Native perennial.
- Cerastium arvense** L.
Meadow chickweed. Native perennial.
- Cerastium glomeratum** Thuillier
Mouse-eared chickweed. Introduced annual.
- Polycarpon tetraphyllum** L.
Introduced annual.
- Sagina apetala** Arduino
Sticky pearlwort. Native annual.
- Sagina maxima** Gray ssp. **crassicaulis** (Watson)
Crow
Pearlwort. Native perennial.
- Silene gallica** L.
Windmill pink. Introduced annual.
- Spergula arvensis** L. ssp. **arvensis**
Spurrey. Introduced annual.
- Spergularia macrotheca** (Hornem.) Heynh.
Sand-spurrey. Native perennial.
- Spergularia rubra** (L.) J. & C. Presl.
Sand-spurrey. Introduced annual.
- Stellaria littoralis** Torrey
Native perennial.
- Stellaria media** (L.) Villars
Chickweed. Introduced annual.
- Stellaria pallida** (Dumort.) Pire
Chickweed. Introduced annual.
- CHENOPODIACEAE**
- Atriplex californica** Moquin-Tandon
Native perennial.
- Atriplex leucophylla** (Moquin-Tandon) Dietrich
Beach saltbush. Native perennial.
- Atriplex patula** L. var. **obtusa** (Cham.) C. Hitchc.
Spear oracle. Native annual.
- Atriplex triangularis** Willd.
Spearscale. Native annual.
- Chenopodium album** L.
Pigweed. Introduced perennial.
- Chenopodium ambrosioides** L.
Mexican tea. Introduced annual or perennial.
- Chenopodium californicum** (Wats.) Wats.
Pigweed. Native perennial.
- Salicornia virginica** L.
Pickleweed. Native perennial.
- Salsola soda** L.
Introduced annual.
- CONVOLVULACEAE**
- Calystegia purpurata** (Greene) Brummitt
ssp. **saxicola** (Eastwood) Brummitt
Morning-glory. Native perennial.
- Calystegia soldanella** (L.) R.Br.
Beach morning glory. Native perennial.
- Convolvulus arvensis** L.
Bindweed. Introduced perennial.
- Dichondra donnelliana** Tharp & Johnston
Native perennial.
- CRASSULACEAE**
- Crassula aquatica** (L.) Scheonland
[**Tillaea aquatica** L.]
Native annual.
- Crassula connata** (Ruiz, Lopez & Pavon) Berger
[**Tillaea erecta** Hook. & Arn.]
Sand pygmy weed. Native annual.
- Crassula tillaea** Lester-Garl.
[**Tillaea muscosa** L.]
Introduced annual.
- Dudleya farinosa** (Lindl.) Britt. and Rose
Live forever. Native perennial.

VASCULAR PLANTS OF BODEGA HEAD & BODEGA DUNES

CUCURBITACEAE

Marah fabaceus (Naud.) E. Greene
Manroot. Native perennial.

CUSCUTACEAE

Cuscuta californica Hook. & Arn. var. **breviflora**
Engelm. [*C. occidentalis* Millsp.]
Dodder. Native perennial.

Cuscuta salina Engelm. var. **major** Yuncker
Dodder. Native perennial.

Cuscuta salina Engelm. var. **papillata** Yuncker
Dodder. Native perennial.

DIPSACACEAE

Dipsacus sativus (L.) Honck.
Teasel. Introduced biennial.

EUPHORBIACEAE

Euphorbia lathyris L.
Caper spurge. Introduced perennial.

FABACEAE

Genista monspessulana (L.) Johnson
[*Cytisus monspessulanus* L.]
French broom. Introduced perennial.

Lathyrus latifolius L.
Everlasting pea. Introduced perennial.

Lotus angustissimus L.
Introduced annual.

Lotus corniculatus L.
Birdsfoot trefoil. Introduced perennial.

Lotus formosissimus E. Greene
Native perennial.

Lotus heermanii (Dur. and Hilg.) Greene var.
orbicularis (Gray) Iseley
Native perennial.

Lotus micranthus Benth.
Native annual.

Lotus strigosus (Nutt. in T. & G.) Greene
Native annual.

Lotus uliginosus Schk.
Introduced perennial.

Lotus wrangelianus Fisher & Meyer
[*Lotus subpinnatus* Lag.]
California lotus. Native annual.

Lupinus arboreus Sims
Bush lupine. Native perennial.

Lupinus bicolor Lindley
Miniature lupine. Native annual.

Lupinus chamissonis Esch.
Silver bush lupine. Native perennial.

Lupinus microcarpus Sims var. **microcarpus**
[*Lupinus densiflorus* Benth. var. **palustris**
(Kell.) C.P.]
Chick lupine. Native annual.

Lupinus nanus Benth.
Sky lupine. Native annual.

Lupinus variicolor Steudel
Blufftop lupine. Native perennial.

Medicago arabica L.
Spotted burclover. Introduced annual.

Medicago lupulina L.
Black medick. Introduced annual.

Medicago polymorpha L.
Burclover. Introduced annual.

Melilotus alba Medikus
White sweet clover. Introduced annual or
biennial.

Melilotus indica (L.) All.
Sour clover. Introduced annual.

Trifolium amoenum Greene
Showy Indian clover. Native annual,
experimentally introduced to Bodega Head.

Trifolium barbigerum Torr. var. **barbigerum**
Colony clover. Native annual.

Trifolium bifidum Gray var. **decipiens** Greene
Native annual.

Trifolium campestre Schreber
Hop clover. Introduced annual.

Trifolium cernuum Brot.
Introduced annual.

Trifolium dubium Sibth.
Little hop clover. Introduced annual.

Trifolium fragiferum L.
Strawberry clover. Introduced perennial.

Trifolium fucatum Lindl.
Bull clover. Native annual.

Trifolium glomeratum L.
Introduced annual.

Trifolium gracilentum Torrey and Gray
Pinpoint clover. Native annual.

Trifolium hirtum All.
Rose clover. Introduced annual.

Trifolium incarnatum L.
Crimson clover. Introduced annual.

Trifolium macraei Hooker and Arnott
Twin-headed clover. Native annual.

Trifolium microcephalum Pursh.
Native annual.

Trifolium microdon Hooker & Arnott
Muffin-cup clover. Native annual.

Trifolium repens L.
White clover. Introduced perennial

Trifolium subterraneum L.
Subterranean clover. Introduced annual.

Trifolium variegatum Nutt.
Native annual.

Trifolium wildenovii Sprengel
Tomcat clover. Native annual.

Trifolium wormskioldii Lehm.
Cow clover. Native perennial.

Vicia americana Willd. var. **americana**
American vetch. Native perennial.

Vicia benghalensis L.
Purple vetch. Introduced annual.

Vicia gigantea Hooker
Giant vetch. Native perennial.

Vicia hirsuta (L.) Gray
Vetch. Introduced annual.

Vicia sativa L. ssp. **nigra** (L.) Erhart
Common vetch. Introduced annual.

Vicia sativa L. ssp. **sativa**
Common vetch. Introduced annual.

Vicia tetrasperma (L.) Schreber
Vetch. Introduced annual.

FRANKENIACEAE

Frankenia salina (Molina) Johnston
[*Frankenia grandifolia* C & S]
Native perennial.

GENTIANACEAE

Centaurium muehlenbergii (Griseb.) Piper
[*C. floribundum* (Benth.) Robinson.]
Canchalagua. Native annual.

Cicendia quadrangularis (Lam.) Griseb.
Native annual.

GERANIACEAE

Erodium cicutarium (L.) L'Her.
Red-stem filaree. Introduced annual.

Erodium moschatum (L.) L'Her.
White-stem filaree. Introduced annual.

Geranium dissectum L.
Introduced annual.

Geranium molle L.
Introduced annual.

Geranium retrorsum L'Her.
Introduced perennial.

GROSSULARIACEAE

Ribes sanguineum Pursh. var. **glutinatum** (Benth.)
Loudon.
Red flowering currant. Native perennial.

HIPPURIDACEAE

Hippuris vulgaris L.
Mare's tail. Native perennial.

HYDROPHYLLACEAE

Nemophila menziesii H. & A.
Baby blue eyes. Native annual.

Nemophila pedunculata Benth.
Native annual.

Phacelia californica Chamisso
Native perennial.

Phacelia distans Benth.
Wild heliotrope. Native annual.

LAMIACEAE

Marrubium vulgare L.
Horehound. Introduced perennial.

Mentha pulegium L.
Pennyroyal. Introduced perennial.

Monarda villosa Benth. ssp. **franciscana**
(Elmer) Jokerst
Coyote mint. Native perennial.

Stachys ajugoides Benth. var. **rigida** Jepson &
Hoover [Stachys **rigida** ssp. **quercetorum**
(Heller) Epl.]
Hedgenettle. Native perennial.

LINACEAE

Linum bienne Miller
[*Linum angustifolium* Hudson]
Flax. Introduced perennial.

LYTHRACEAE

Lythrum hyssopifolium L.
Loosestrife. Introduced perennial.

MALVACEAE

Sidalcea malviflora (DC.) Benth. ssp. **malviflora**
Checker mallow. Native perennial.

MYOPERACEAE

Myoporum laetum Forst.
Introduced perennial.

MYRICACEAE

Myrica californica C. & S.
Wax myrtle. Native perennial.

MYRTACEAE

Eucalyptus globulus Labil.
Blue gum. Introduced perennial.

NYCTAGINACEAE

Abronia latifolia Esch.
Sand verbena. Native perennial.

Abronia umbellata Lam. ssp. **umbellata**
Pink sand verbena. Native perennial.

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ONAGRACEAE

Camissonia cheiranthifolia (Sprengel) Raimann
Beach primrose. Native perennial.

Camissonia micrantha (Sprengel) Raven
Native annual.

Camissonia strigulosa (Fisch. & Mey.) Raven
Native annual.

Epilobium ciliatum Raf. ssp. **ciliatum**.
[**Epilobium adenocaulon** Hauskn. var. **occidentale** Trel.]
Northern willow herb. Native perennial.

Epilobium ciliatum Raf. ssp. **watsonii** (Barbey)
Hoch & Raven [**Epilobium watsonii** Barbey
var. **franciscanum** (Barbey) Jeps.]
Western willow herb. Native perennial.

Oenothera elata Kunth ssp. **hookeri** (Torrey
& Gray) Dietrich & Wagner
Evening primrose. Native perennial.

OROBANCHACEAE

Orobanche californica Cham. & Schlecht.
Broomrape. Native perennial.

Orobanche fasciculata Nutt.
Clustered broomrape. Native perennial.

OXALIDACEAE

Oxalis albicans H.B. & K. ssp. **pilosa** (Nutt.) Eiten
[**Oxalis pilosa** Nutt.]
Native perennial.

Oxalis corniculata L.
Wood sorrel. Introduced perennial.

Oxalis pes-caprae L.
Bermuda buttercup. Introduced perennial.

PAPAVERACEAE

Eschscholzia californica Cham.
California poppy. Native perennial.

Meconella linearis (Benth.) Nelson & J.F. Macbr.
[M. l. var. **pulchella** (Greene) Jepson.
Native annual.

Platystemon californicus Benth.
Cream cups. Native annual.

PLANTAGINACEAE

Plantago coronopus L.
Cutleaf plantain. Introduced annual.

Plantago erecta (Morris)
[**Plantago hookeriana** F. & M. var. **californica**
(Greene) Poe]
Native annual.

Plantago lanceolata L.
English plantain. Introduced perennial

Plantago maritima L. var. **californica** (Fern.)
Pilger
Seaside plantain. Native perennial.

Plantago maritima L. var. **juncoides** (Lamarck)
Gray
Saltmarsh plantain. Native perennial.

Plantago subnuda Pilger
[**P. hirtella** H., B. & K. var. **galeottiana** (Dec)
Pilger]
Native perennial.

PLUMBAGINACEAE

Armeria maritima (Miller) Willd. ssp. **californica**
(Boiss.) Pors.
Sea pink, thrift. Native perennial.

Limonium californicum (Boiss.) Heller
Sea lavender, Marsh rosemary. Native
perennial.

POLEMONIACEAE

Gilia capitata Sims ssp. **chamissonis** (Greene)
Grant
Dune gilia. Native annual.

Gilia millefoliata Fischer and Meyer
Native annual.

Linanthus androsaceus (Benth.) Greene
Native annual.

Navarretia squarrosa (Esch.) H. & A.
Skunkweed. Native annual.

POLYGONACEAE

Chorizanthe cuspidata Wats. var. **villosa** (Eastw.)
Munz.
Spineflower. Native annual.

Eriogonum latifolium Smith.
Wild buckwheat. Native perennial.

Polygonum amphibium L. var. **emersum**
Michaux
[**Polygonum coccineum** Muhl.]
Native perennial.

Polygonum arenastrum Boreau.
Common knotweed, Doorweed. Introduced
annual.

Polygonum marinense Mertens & Raven
Native perennial.

Polygonum paronychia Cham. & Schlecht.
Native perennial.

Pterostegia drymaroides F. & M.
Native annual.

Rumex acetosella L.
Sheep sorrel. Introduced perennial.

Rumex crispus L.
Curly dock. Introduced annual.

Rumex occidentalis Watson
[**Rumex fenestratus** Greene]
Native perennial.

Rumex pulcher L.
Fiddle dock. Introduced perennial.

Rumex salicifolius Weinmann var. **crassus**
(Rech.) Howell
Native perennial.

PORTULACACEAE

Calandrinia ciliata (R. & P.) DC.
Red Maids. Native annual.

Claytonia perfoliata Willd. ssp. **perfoliata**
[**Montia perfoliata** (Donn.) Howell]
Miner's lettuce. Native annual.

PRIMULACEAE

Anagallis arvensis L.
Scarlet pimpernel. Introduced annual.

RANUNCULACEAE

Delphinium decorum F. & M. ssp. **decorum**
Coast Larkspur. Native perennial.

Ranunculus californicus Benth.
California buttercup. Native perennial.

Ranunculus muricatus L.
Prickleseed buttercup. Introduced annual or
biennial.

RHAMNACEAE

Ceanothus thyrsiflorus Eschscholtz
Blue blossom. Native perennial.

Rhamnus californica Eschscholtz
Coffeeberry. Native perennial.

Rhamnus purshiana DC.
Casca. Native perennial.

ROSACEAE

Acaena pinnatifida R., L. & P var. **californica**
(Bitter) Jepson
[**Acaena californica** Bitter]
Native perennial.

Aphanes occidentalis (Nutt) Rydberg
[**Alchemilla occidentalis** Nutt.]
Western lady's mantle. Native annual.

Fragaria chiloensis (L.) Duchesne
Beach strawberry. Native perennial.

Fragaria vesca L.
Wood strawberry. Native perennial.

Horkelia californica ssp. **californica** Cham. &
Schldl. Native perennial.

Oemleria cerasiformis (Hook. & Arn.) Landon.
[**Osmaronia c.** (T. and G.) Greene.]
Oso berry. Native perennial.

Potentilla anserina L. ssp. **pacifica** (Howell)
Rousi [**Potentilla egedii** Wormsk. var. **grandis**
(Rydb.) Howell]
Silverweed, Cinquefoil. Native perennial.

Prunus cerasifera Ehrh.
Cherry plum. Introduced perennial.

Rosa eglanteria L.
Sweet-brier. Introduced perennial.

Rubus discolor Weihe & Nees
[**Rubus procerus** Mueller]
Himalaya blackberry. Introduced perennial.

Rubus spectabilis Pursh. var. **franciscanus**
(Rydb.) Howell
Salmonberry. Native perennial.

Rubus ursinus Cham. & Schldl. [**R. vitifolius**].
California blackberry. Native perennial.

RUBIACEAE

Galium aparine L.
Bedstraw, Goosegrass. Native annual.

Galium porrigens Dempster
Native perennial.

Galium trifidum L. var. **pacificum** Wiegand
Native perennial.

Sherardia arvensis L.
Field madder. Introduced annual.

SALICACEAE

Salix lasiolepis Benth. var. **lasiolepis**
Arroyo willow. Native perennial.

Salix lasiolepis Benth. var. **bigelovii** (Torr.) Bebb.
Arroyo willow. Native perennial.

Salix lucida Muhlenb ssp. **lasiandra** (Benth.)
Murray
Shining willow. Native perennial.

Salix sitchensis Sanson
Sitka willow. Native perennial.

SAXIFRAGACEAE

Lithophragma affine Gray
Woodland star. Native perennial.

SCROPHULARIACEAE

Bellardia trixago (L.) All.
Introduced annual.

Castilleja wightii Elmer
Paint brush. Native perennial.

Cordylanthus maritimus Nutt. ssp. **palustris**
(Behr) Chu. and Heck.
Saltmarsh bird's beak. Native annual.

Digitalis purpurea L.
Foxglove. Introduced biennial or perennial.

Linaria canadensis (L.) Dum.-Cours.
Toadflax. Native annual.

Mimulus aurantiacus Curtis
Bush monkey flower, Sticky monkey flower.
Native perennial.

Mimulus guttatus DC.
Seep monkey flower. Native perennial.

VASCULAR PLANTS OF BODEGA HEAD & BODEGA DUNES

- Parentucellia latifolia** (L.) Caruel
Introduced annual.
- Parentucellia viscosa** (L.) Caruel
Introduced annual.
- Scrophularia californica** Cham. & Schlecht.
Bee plant. Native perennial.
- Triphysaria eriantha** ssp. **rosea** (Gray) Chu. and Heck.
[**Orthocarpus erianthus** Benth. var. **rosea**]
Jonny tuck. Native annual.
- Triphysaria pusilla** (Benth.) Chu. and Heck.
[**Orthocarpus pusillus** Benth.]
Miniature owl's clover. Native annual.
- Veronica americana** Schwein.
Speedwell, Brooklime. Native perennial.
- SOLANACEAE**
- Solanum americanum** Miller
[**Solanum nodiflorum** Jacq.]
Nightshade. Native annual or perennial.
- TROPAEOLACEAE**
- Tropaeolum majus** L.
Nasturtium. Introduced perennial.
- ULMACEAE**
- Ulmus pumila** L.
Siberian elm. Introduced perennial.
- URTICACEAE**
- Hesperocnide tenella** Torrey
Western nettle. Native annual.
- Urtica dioica** L. ssp. **gracilis** (Alton) Selander
[**Urtica californica** Greene]
Stinging nettle. Native perennial.
- Urtica dioica** L. ssp. **holosericea** (Nuttall) Thorne
[**Urtica holosericea** Nuttall]
Hoary nettle. Native perennial.
- Urtica urens** L.
Dwarf nettle. Introduced annual.
- VALERIANACEAE**
- Plectritis brachystemon** Fischer & Meyer
[**P. magna** (Greene) Suksd.]
Native annual.
- FLOWERING PLANTS: MONOCOTS**
- ALISMACEAE**
- Alisma plantago-aquatica** L.
Water plantain. Native perennial.
- ARACEAE**
- Zantedeschia aethiopica** (L.) Sprengel
Calla lily. Introduced perennial.
- CYPERACEAE**
- Carex brevicaulis** Mackenzie
Native perennial.
- Carex comosa** Boott.
Native perennial.
- Carex dudleyi** Mackenzie
Native perennial.
- Carex harfordii** Mackenzie
Native perennial.
- Carex ovalis** Good. [C. **leporina** L.]
[C. **tracyi** Mackenzie]
Native perennial.
- Carex obnupta** Bailey
Native perennial.
- Carex subbracteata** Mackenzie
Native perennial.
- Carex tumulicola** Mackenzie
Native perennial.
- Cyperus eragrostis** Lamarck
Umbrella sedge. Native perennial.
- Eleocharis macrostachya** Britton
[**Heleocharis palustris**]
Native perennial.
- Eleocharis rostellata** (Torrey) Torrey
Walking sedge. Native perennial.
- Scirpus acutus** Bigelow var. **occidentalis**
(S. Watson) Beetle
Common tule. Native perennial.
- Scirpus californicus** (Meyer) Steudel
California tule. Native perennial.
- Scirpus cernuus** Vahl
Pincushion sedge. Native annual or perennial.
- Scirpus koilepis** (Steud.) Gleason
Native annual.
- Scirpus microcarpus** Presl.
Panicled bulrush. Native perennial.
- Scirpus pungens** Vahl.
[**Scirpus americanus** Pers.]
Three-square. Native perennial.
- Scirpus robustus** Pursh.
Native perennial.
- IRIDACEAE**
- Iris douglasiana** Herbert
Douglas iris. Native perennial.
- Sisyrinchium bellum** Watson
Blue-eyed grass. Native perennial.
- Sisyrinchium californicum** (Ker Gawler)
Dryander
Golden-eyed grass. Native perennial.
- JUNCACEAE**
- Juncus balticus** Willd.
Wire rush. Native perennial.
- Juncus bolanderi** Engelm.
Bolander's rush. Native perennial.
- Juncus breweri** Engelm.
Brewer's rush. Native perennial.
- Juncus bufonius** L. var. **bufonius**
Toad rush. Native annual.
- Juncus bufonius** L. var. **congestus** Wahlenb.
Toad rush. Native annual.
- Juncus capitatus** Weigel
Introduced annual.
- Juncus effusus** L. var. **brunneus** Engelm.
Rush. Native perennial.
- Juncus lesueurii** Bolander
Coastal wire rush. Native perennial.
- Juncus patens** Meyer
Blue rush. Native perennial.
- Juncus phaeocephalus** Engelm. var.
phaeocephalus
Native perennial.
- Luzula comosa** Meyer. [L. **subsessilis** (Wats.)
Buch.]
Wood rush. Native perennial.
- JUNCAGINACEAE**
- Lilaea scilloides** (Poiret) Hauman
Flowering quillwort. Native annual.
- Triglochin concinna** Davy
Small arrowgrass. Native perennial.
- Triglochin maritima** L.
Seaside arrow grass. Native perennial.
- LEMNACEAE**
- Lemna valdiviana** Phil.
Duckweed. Native perennial.
- LILIACEAE**
- Allium dichlamydeum** Greene
Wild onion. Native perennial.
- Allium triquetrum** L.
Wild onion. Introduced perennial.
- Chlorogalum pomeridianum** (DC.) Kunth. var.
divaricatum (Lind.) Hoover
Soap plant. Native perennial.
- Dichelostemma capitatum** Alph. Wood.
[**Brodiaea pulchella** Greene].
Blue dicks. Native perennial.
- Fritillaria affinis** (Schultes) Sealy
[F. **lanceolata** Pursh.]
Mission bells, Checker lily. Native perennial.
- Triteleia laxa** Bentham
[**Brodiaea laxa** (Benth.) Wats.]
Wally basket, Ithuriel's spear. Native perennial.
- ORCHIDACEAE**
- Piperia elegans** (Lindley) Rydberg
[**Habenaria maritima** Greene]
Native perennial.
- Spiranthes romanzoffiana** Cham.
Ladies tresses. Native perennial.
- POACEAE**
- Agrostis avenacea** Gmelin
Introduced perennial.
- Agrostis blasdalei** Hitchcock
Blasdale's bentgrass. Native perennial.
- Agrostis capillaris** L.
Colonial bentgrass. Introduced perennial.
- Agrostis densiflora** Vasey
[A. **californica** Trinius; A. **clivicola** Crampton]
Native perennial.
- Agrostis exarata** Trinius
Spike bent grass. Native perennial.
- Agrostis pallens** Trinius
[A. **diegoensis** Vasey]
Native perennial.
- Agrostis stolonifera** L.
[A. **alba** var. **palustris** (Huds.) Pers.]
Introduced perennial.
- Aira caryophyllea** L.
Silver hairgrass. Introduced annual.
- Aira praecox** L.
Introduced annual.
- Ammophila arenaria** (L.) Link.
European beachgrass. Introduced perennial.
- Anthoxanthum odoratum** L.
Sweet vernal grass. Introduced perennial.
- Avena barbata** Brot.
Slender wild oat. Introduced annual.
- Brachypodium pinnatum** (L.) Baeuv.
[B. **phoenicoides** (L.) Roemer & Schultes]
Introduced perennial.
- Briza maxima** L.
Rattlesnake grass. Introduced annual.
- Briza minor** L.
Little quaking grass. Introduced annual.
- Bromus carinatus** Hook. & Arn. var. **carinatus**
California brome. Native perennial.
- Bromus carinatus** Hook. & Arn. var. **maritimus**
(Piper) Hitchc. Dune brome. Native perennial.

VASCULAR PLANTS OF BODEGA HEAD & BODEGA DUNES

- Bromus diandrus** Roth.
[**B. rigidus** Roth.]
Ripgut brome. Introduced annual.
- Bromus hordeaceus** L.
[**Bromus mollis** L.]
Soft brome. Introduced annual.
- Bromus madritensis** L. ssp. **madritensis**
Foxtail chess. Introduced annual.
- Calamagrostis nutkaensis** (Presl.) Steudel
Pacific reedgrass. Native perennial.
- Cortaderia jubata** (Lem.) Hooker
Pampas grass. Introduced perennial.
- Cynodon dactylon** (L.) Pers.
Bermuda grass. Introduced perennial.
- Cynosurus echinatus** L.
Dogtail. Introduced annual.
- Dactylis glomerata** L.
Orchard grass. Introduced perennial.
- Danthonia californica** Bolander var. **californica**
California oatgrass. Native perennial.
- Danthonia californica** Bolander var. **americana**
(Scrib.) Hitchcock
California oatgrass. Native perennial.
- Danthonia pilosa** Brown
Hairy oatgrass. Introduced perennial.
- Deschampsia cespitosa** (L.) Beauv. ssp. **holciformis** (Presl.) Lawrence
Pacific hairgrass. Native perennial.
- Distichlis spicata** (L.) Greene
Saltgrass. Native perennial.
- Ehrharta calycina** Smith
Introduced perennial.
- Ehrharta erecta** Lamk.
Introduced perennial.
- Elymus glaucus** Buckl. ssp. **glaucus**
Blue wildrye. Native perennial.
- Elytrigia elongata** (Host) Nevski
[**Agropyron elongatum** (Host) Beauvois].
Tall wheatgrass. Introduced perennial.
- Festuca arundinacea** Schreber
Tall fescue. Introduced perennial.
- Festuca rubra** L.
Red fescue. Native perennial.
- Glyceria occidentalis** (Piper) Nelson
Western manna grass. Native perennial.
- Hainardia cylindrica** (Willd.) Greuter
[**Monerma cylindrica** (Willd.) C. & D.]
Introduced annual.
- Holcus lanatus** L.
Velvet grass. Introduced perennial.
- Hordeum brachyantherum** Nevski ssp. **brachyantherum**
Meadow barley. Native perennial.
- Hordeum marinum** Hudson ssp. **gussoneanum**
(Parl.) Thell.
Mediterranean barley. Introduced annual.
- Hordeum murinum** L. ssp. **leporinum** (Link)
Arcang.
Farmer's foxtail. Introduced annual.
- Koeleria macrantha** (Ledebour) Shultes
[**Koeleria cristata** (L.) Persoon]
Junegrass. Native perennial.
- Lagurus ovatus** L.
Hare's tail. Introduced annual.
- Leymus mollis** (Trin.) Pilger ssp. **mollis**
[**Elymus mollis** Trin.]
Beach grass. Native perennial.
- Leymus pacificus** (Gould) Dewey
[**Elymus pacificus** Gould; **Agropyron arenicola** Davy]
Native perennial.
- Leymus triticoides** (Buckley) Pilger
[**Elymus triticoides** Buckley]
Native perennial.
- Leymus x multiflorus** (Gould) Barkworth & Dewey [**Elymus triticoides** Buckley ssp. **multiflorus** Gould]
Native perennial. Hybrid.
- Leymus x vancouverensis** (Vasey) Pilger
[**Elymus vancouverensis** Vasey]
Native perennial. Hybrid.
- Lolium multiflorum** Lam.
Italian ryegrass. Introduced annual or perennial.
- Lolium perenne** L.
Perennial ryegrass. Introduced perennial.
- Melica imperfecta** Trinius
Native perennial.
- Melica torreyana** Scribner
Native perennial.
- Nassella pulchra** (Hitchc.) Barkworth
[**Stipa pulchra** Hitchcock]
Purple needlegrass. Native perennial.
- Parapholis incurva** (L.) Hubbard
Sickle grass. Introduced annual.
- Pennisetum clandestinum** Hochstetter
Kikuyu grass. Introduced perennial.
- Phalaris aquatica** L.
[**Phalaris tuberosa** L. var. **stenoptera** (Hack) Hitchc.]
Introduced perennial.
- Poa annua** L.
Annual bluegrass. Introduced annual.
- Poa douglasii** Nees.
Sand bluegrass. Native perennial.
- Poa pratensis** L.
Kentucky bluegrass. Introduced perennial.
- Poa unilateralis** Scrib.
Ocean-bluff blue grass. Native perennial.
- Polypogon interruptus** H., B. and K.
Introduced perennial.
- Polypogon monspeliensis** (L.) Desf.
Rabbitfoot grass. Introduced annual.
- Puccinellia nutkaensis** (Presl.) Fern. & Weath.
[**Puccinellia grandis** Swallen]
Alaska alkali grass. Native perennial.
- Spartina foliosa** Trin.
California cordgrass. Native perennial.
- Torreyochloa pallida** (Presl.) Church var. **pauciflora** (Presl.) Davis.
[**Puccinellia pauciflora** (Presl.) Munz],
[**Glyceria pauciflora** Presl.]
Weak mannagrass. Native perennial.
- Triticum aestivum** L.
Wheat. Introduced annual.
- Vulpia bromoides** (L.) Gray
[**Festuca dertonensis** (All.) Ach. and Graebn.]
Introduced annual.
- Vulpia myuros** (L.) Gmelin var. **hirsuta** (Hackel) Asch. & Graebner
[**Festuca megalura** Nutt.]
Foxtail fescue. Introduced annual.
- Ruppia maritima** L.
Wigeon grass. Native annual.
- TYPHACEAE**
- Sparganium eurycarpum** Engelm. ssp. **eurycarpum**
Bur-reed. Native perennial.
- Typha domingensis** Pers.
Cattail. Native perennial.
- Typha latifolia** L.
Cattail. Native perennial.
- ZOSTERACEAE**
- Phyllospadix scouleri** Hook.
Surf grass. Native perennial.
- Phyllospadix torreyi** S. Watson
Surf grass. Native perennial.
- Zostera marina** L.
Eelgrass. Native perennial.

NOTES: This list derives from specimens in the Herbarium of the Bodega Marine Laboratory, collected principally by Michael Barbour, 1968-1971 and by Peter Connors, 1990-2007. Some additional records, not included here, have been reported for Bodega Head by other observers over the past century.

The list area includes all of Bodega Head (Pacific Plate) and all of Bodega dunes (San Andreas Fault Zone) north as far as Salmon Creek, but none of the non-sandy habitats inland of the dunes east or west of Highway 1 (American Plate). Principal emphasis in collecting has been on the Bodega Marine Reserve.

Scientific names generally follow The Jepson Manual (1993). Some previously used synonyms are listed in brackets below the new name.

Total species and varieties: 455
Native: 291 (64%)
Introduced: 164 (36%)

List Date: 7 February 2007