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VASCULAR PLANTS OF THE COASTAL DUNES OF HUMBOLDT COUNTY, CALIFORNIA

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FERNS

<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Bracken fern
<i>Polystichum munitum</i>	Western sword fern
<i>Botrychium multifidum</i>	Leathery grape fern
<i>Polypodium californicum</i>	California polypody
<i>Polypodium glycyrrhiza</i>	Licorice fern
<i>Polypodium scoleri</i>	Coast polypody
<i>Pentagramma triangularis</i>	Goldback fern

CONIFERS

<i>Abies grandis</i>	Grand fir
<i>Picea sitchensis</i>	Sitka spruce
<i>Pinus contorta</i> var. <i>contorta</i>	Beach pine
<i>Pseudotsuga menziesii</i> var. <i>menziesii</i>	Douglas-fir
<i>Tsuga heterophylla</i>	Western hemlock

FLOWERING PLANTS

AIZOACEAE

<i>Carpobrotus aequilaterus</i>	Sea-fig
<i>Carpobrotus edulis</i>	Hottentot-fig

ANACARDIACEAE

<i>Toxicodendron diversilobum</i>	Poison-oak
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APOCYNACEAE

<i>Vinca major</i>	Greater periwinkle
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AQUIFOLIACEAE

<i>Ilex aquifolium</i>	English holly
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ARACEAE

<i>Lysichiton americanum</i>	Skunk cabbage
<i>Zantedeschia aethiopia</i>	Calla-lily

ARALIACEAE

<i>Hedera helix</i>	English ivy
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BETULACEAE

<i>Alnus rubra</i>	Red alder or Oregon alder
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BORAGINACEAE

<i>Cryptantha leiocarpa</i> *	Coast cryptantha
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BUDDLEJACEAE

<i>Buddleja davidii</i>	Butterfly bush, summer-lilac
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CAPRIFOLIACEAE

<i>Linnaea borealis</i> ssp. <i>longiflora</i>	Twinflower
<i>Lonicera involucrata</i>	Honeysuckle, twinberry

CARYOPHYLLACEAE

<i>Cardionema ramosissima</i>	Sand mat
<i>Cerastium glomeratum</i>	Mouse-ear chickweed
<i>Polycarpon tetraphyllum</i>	Four-leaved allseed
<i>Sagina decumbens</i> ssp. <i>occidentalis</i>	Pearlwort
<i>Silene gallica</i>	Common catchfly
<i>Spargula arvensis</i>	Spurry
<i>Stellaria littoralis</i>	Beach starwort

CHENOPODIACEAE

<i>Chenopodium album</i>	Lamb's quarters
<i>Chenopodium polyspermum</i>	Goosefoot
<i>Salicornia depressa</i>	Glasswort, pickle weed

COMPOSITAE (ASTERACEAE)

<i>Achillea millefolium</i>	Yarrow
<i>Agoseris grandiflora</i>	Large-flowered agoseris
<i>Ambrosia chamissonis</i>	Beach bur
<i>Anaphalis margaritacea</i>	Pearly everlasting
<i>Artemisia pycnocephala</i>	Beach sage
<i>Aster chilensis</i> *	California aster
<i>Baccharis pilularis</i>	Dwarf baccharis
<i>Bellis perennis</i>	English-daisy
<i>Cirsium vulgare</i>	Thistle

<i>Cotula australis</i>	Australian brass buttons	<i>Chimaphila umbellata</i> ssp. <i>occidentalis</i>	Pipsissiwa
<i>Cotula coronopifolia</i>	Common brass buttons	<i>Gaultheria shallon</i>	Salal
<i>Erechtites glomerata</i>	Australian fireweed	<i>Vaccinium ovatum</i>	Evergreen huckleberry
<i>Erechtites minima</i>	Fireweed		
<i>Erigeron glaucus</i>	Seaside daisy	GARRYACEAE	
<i>Gnaphalium palustre</i>	Lowland cudweed	<i>Garrya elliptica</i>	Coast silk tassel
<i>Gnaphalium purpureum</i>	Purple cudweed		
<i>Gnaphalium stramineum</i>	Cotton batting plant	GERANIACEAE	
<i>Hesperexav sparsiflora</i>	Dwarf cudweed	<i>Erodium cicutarium</i>	Red-stemmed filaree
<i>Hieracium albiflorum</i>	White hawkweed	<i>Geranium dissectum</i>	Cut-leaved geranium
<i>Hypochoeris glabra</i>	Smooth cat's-ear	<i>Geranium molle</i>	Dove's-foot geranium
<i>Hypochoeris radicata</i>	Hairy cat's-ear		
<i>Layia carnosa</i>	Beach layia	GRAMINEAE (POACEAE)	
<i>Leontodon taraxacoides</i>	Hawkbit	<i>Aira caryophylla</i>	Silver hair grass
<i>Leucanthemum vulgare</i>	Ox-eye daisy	<i>Aira praecox</i>	Little hair grass
<i>Logfia gallica</i>	Narrow-leaved cotton-rose	<i>Ammophila arenaria</i>	European beach grass
<i>Madia sativa</i>	Chilean tarweed	<i>Anthoxanthum odoratum</i>	Sweet vernal grass
<i>Psilocarphus brevissimus</i>	Dwarf woolly-heads	<i>Avena fatua</i>	Wild oat
<i>Senecio elegans</i>	Purple ragwort	<i>Briza maxima</i>	Rattlesnake grass
<i>Senecio vulgaris</i>	Common groundsel	<i>Briza minor</i>	Small quaking grass
<i>Solidago simplex</i>	Dune groundsel	<i>Bromus diandrus</i>	Ripgut brome
<i>Soliva sessilis</i>	Prickly soliva	<i>Bromus hordeaceus</i> ssp. <i>hordeaceus</i>	Soft brome
<i>Sonchus oleraceus</i>	Common sow thistle	<i>Cortaderia seloana</i>	Pampas grass
<i>Tanacetum camphoratum</i>	Dune tansy	<i>Dactylis glomerata</i>	Orchard grass
		<i>Deschampsia caespitosa</i>	Tufted hair grass
CONVOLVULACEAE		<i>Elymus mollis</i>	American dune grass
<i>Calystegia soldanella</i>	Beach morning glory	<i>Elymus x vancouverensis</i>	Vancouver wild rye
		<i>Festuca arundinacea</i>	Tall fescue
CRASSULACEAE		<i>Festuca bromoides</i>	Sixweeks fescue
<i>Crassula aquatica</i>	Water pigmy	<i>Festuca microstachys</i>	Annual fescue
<i>Crassula connata</i>	Sand pigmy weed	<i>Festuca rubra</i>	Red fescue
		<i>Hierochloë occidentalis</i>	Vanilla grass
CRUCIFERAE (BRASSICACEAE)		<i>Holcus lanatus</i>	Velvet grass
<i>Brassica rapa</i>	Black mustard	<i>Hordeum murinum</i> var. <i>leporinum</i>	Hare barley
<i>Cakile edentula</i>	California sea rocket	<i>Lolium perenne</i>	Perennial rye grass
<i>Cakile maritima</i>	Sea rocket	<i>Poa annua</i>	Annual blue grass
<i>Cardamine oligosperma</i>	Few-seeded bitter cress	<i>Poa confinis</i>	Dune blue grass
<i>Coincya monensis</i>	Star mustard	<i>Poa douglasii</i>	Seashore blue grass
<i>Erysimum menziesii</i> *	Menzies' wallflower	<i>Poa macrantha</i>	Large-flowered sand-dune blue grass
<i>Lepidium nitidum</i>	Common peppergrass	<i>Poa pratensis</i>	Kentucky blue grass
<i>Lobularia maritima</i>	Sweet alyssum	<i>Polypogon maritimus</i>	Maritime beard grass
<i>Raphanus raphanistrum</i>	Wild radish	<i>Polypogon monspeliensis</i>	Annual beard grass
CYPERACEAE		GROSSULARIACEAE	
<i>Carex obnupta</i>	Slough sedge	<i>Ribes sanguineum</i> var. <i>glutinosum</i>	Pink-flowered currant
<i>Carex pansa</i>	Sand dune sedge		
<i>Cyperus eragrostis</i>	Umbrella sedge	JUNCACEAE	
<i>Eleocharis microstachya</i>	Pale spikerush	<i>Juncus bufonius</i> var. <i>bufonius</i>	Toad rush
<i>Schoenoplectus californicus</i>	California bulrush	<i>Juncus effusus</i> var. <i>brunneus</i>	Bog rush
		<i>Juncus falcatus</i>	Falcate rush
DIPSACACEAE		<i>Juncus lesueurii</i>	Salt rush
<i>Dipsacus sativus</i>	Teasel	<i>Luzula subsessilis</i>	Wood rush
ERICACEAE		LABIATAE (LAMIACEAE)	
<i>Arbutus menziesii</i>	Madrone	<i>Lamium purpureum</i>	Red dead-nettle
<i>Arctostaphylos columbiana</i>	Manzanita	<i>Prunella vulgaris</i>	Self-heal
<i>Arctostaphylos uva-ursi</i>	Bear-berry	<i>Satureja douglasii</i>	Yerba buena

Stachys chamissonis Coast hedge-nettle

LEGUMINOSAE (FABACEAE)

Cytisus monspessulanus French broom
Cytisus scoparius Scotch broom
Lathyrus littoralis Beach pea
Lathyrus palustris var. palustris Marsh pea
Lotus micranthus Lotus
Lotus unifolius Lotus
Lupinus arboreus var. arboreus Bush lupine
Lupinus bicolor Lindley's annual lupine
Lupinus littoralis Seashore lupine
Medicago polymorpha Bur clover
Trifolium dubium Suckling clover
Trifolium macraei Chile clover
Trifolium microcephalum Small-headed clover
Trifolium microdon Valparaiso clover
Trifolium wormskioldii Coast clover
Vicia hirsuta Hairy vetch
Vicia sativa ssp. nigra Narrow-leaved vetch
Vicia tetrasperma Slender tare

LILIACEAE

Brodiaea terrestris ssp. terrestris Dwarf brodiaea
Maianthemum dilatatum False lily-of-the-valley

LYTHRACEAE

Lythrum hyssopifolia Loosestrife

MYRICACEAE

Morella californica California wax myrtle

NYCTAGINACEAE

Abronia latifolia Sand-verbena
Abronia umbellata ssp. breviflora Sand-verbena

ONAGRACEAE

Camissonia cheiranthifolia Dune sun-cups
Camissonia strigulosa Sandy soil sun-cups
Chamerion angustifolium Cotton weed
Clarkia davyi Davy's clarkia
Epilobium ciliatum Fringed willow herb

ORCHIDACEAE

Calypso bulbosa Calypso orchid
Goodyera oblongifolia Rattlesnake plantain
Listera caurina Twayblade
Piperia elegans Elegant piperia
Piperia transversa Royal rein orchid
Spiranthes romanzoffiana Hooded ladies'-tresses

PAPAVERACEAE

Eschscholzia californica California-poppy
Platystemon californicus Cream cups

PITTIOSPORACEAE

Pittosporum tenuifolium Tawhiwhi

PLANTAGINACEAE

Plantago erecta Dwarf plantain
Plantago lanceolata English plantain

PLUMBAGINACEAE

Armeria maritima ssp. californica Sea thrift

POLEMONIACEAE

Gilia millefoliata Gilia
Navarretia squarrosa Skunkweed

POLYGONACEAE

Eriogonum latifolium Coast buckwheat
Polygonum paronychia Beach knotweed
Rumex acetosella ssp. acetosella Sheep sorrel
Rumex salicifolius var. crassus Dock
Rumex crispus Curly dock

PORTULACACEAE

Calandrinia ciliata Red maids
Claytonia perfoliata Miner's-lettuce
Claytonia exigua Spring beauty

PRIMULACEAE

Anagallis arvensis Scarlet pimpernel

RANUNCULACEAE

Myosurus minimus Mousetail
Ranunculus muricatus Spiny-fruited buttercup
Ranunculus repens Low buttercup

RHAMNACEAE

Frangula purshiana Cascara

ROSACEAE

Aphanes occidentalis Lady's mantle
Fragaria chiloensis Beach strawberry
Malus fusca Oregon crab apple
Malus sylvestris Apple
Potentilla anserina ssp. pacifica Cinquefoil
Rubus discolor Himalaya berry
Rubus parviflorus var. hypomalacus Thimble berry
Rubus spectabilis Salmon berry
Rubus ursinus California blackberry
Spiraea douglasii ssp. douglasii Douglas' spirea

RUBIACEAE

Galium aparine Bedstraw
Galium triflorum Fragrant bedstraw

SALICACEAE

Salix hookeriana Coastal willow
Salix lucida ssp. lasiandra Pacific willow

SCROPHULARIACEAE

Castilleja attenuata Owl's-clover
Castilleja exserta ssp. exserta Common owl's-clover

<i>Linaria canadensis</i> *	Blue toadflax
<i>Parentucellia viscosa</i>	Yellow weed
<i>Scrophularia californica</i>	California bee plant
<i>Triphysaria eriantha</i> ssp. <i>rosea</i>	Butter-and-eggs
<i>Triphysaria pusilla</i>	Dwarf owl's-clover
<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	Speedwell
<i>Veronica scutellata</i>	Marsh speedwell

between Mad River and Little River[,] Humboldt County, California. M. A. thesis. Humboldt State College. Arcata, CA. Pp. 63-67.

[Minor revisions: 20 March 2017]

SOLANACEAE

Solanum aviculare New Zealand nightshade

UMBELLIFERAE (APIACEAE)

<i>Anthriscus caucalis</i>	Bur-chervil
<i>Daucus pusillus</i>	Wild carrot
<i>Glehnia littoralis</i> ssp. <i>leiocarpa</i>	Beach silvertop
<i>Hydrocotyle ranunculoides</i>	Water-parsnip
<i>Oenanthe sarmentosa</i>	Water dropwort
<i>Sanicula arctopoides</i>	Footsteps-of-spring
<i>Sanicula crassicaulis</i>	Pacific sanicle

URTICACEAE

Urtica dioica ssp. *gracilis* Stinging nettle

VALERIANACEAE

Plectritis congesta ssp. *congesta* Pink plectritis

NOTES

The focus of this checklist is the plants found on the Samoa Peninsula and at the Lanphere-Christensen Dunes.

This edition incorporates plants suggested by John O. Sawyer, Jr., Sue Sweet Van Hook, and several listed by Janeway (1985).

*This plant is rare at these sites. Please do not take specimens.

SOURCES

Barker, L. M. 1976. A vascular plant inventory and vegetation map of the Lanphere-Christensen Dunes. The Nature Conservancy, National Science Foundation, and Humboldt State University Foundation. 10 pp. + map.

Janeway, L. P. 1985. List of vascular plants of the North Spit, Samoa Peninsula. [7 pp.]

LaBanca, T. 1993. Species list for Clam Beach coastal dunes. In, Vegetation changes at coastal dunes between Mad River and Little River, Humboldt County, California. M. A. thesis. Humboldt State University. Arcata, CA. Pp. 48-54.

Parker, J. 1974. Species list. In, Coastal dune systems