

# Bonny Doon Ecological Reserve

(List of Resident Native Plants)

## Santa Cruz County, California

Note: Many of the native plants on this list are not locally available. For a list of native plant nurseries contact the Resource Conservation District of Santa Cruz County/NRCS Local Partnership Office at 820 Bay Ave, Suite 128, Capitola, CA 95010; (831) 464-2950/475-1967.

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### FERNS and FERN ALLIES

Family	Common Name	Fire Hazard
<b>BLECHNACEAE</b>		
<i>Blechnum spicant</i>	Deer Fern	
<i>Woodwardia fimbriata</i>	Giant Chain Fern	
<b>DENNSTAEDTIACEAE</b>		
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Bracken Fern	
<b>DRYOPTERIDACEAE</b>		
<i>Athyrium filix-femina</i>	Lady Fern	
<i>Dryopteris arguta</i>	Coastal Wood Fern	
<i>Polystichum munitum</i>	Western Sword Fern	
<b>EQUISETACEAE</b>		
<i>Equisetum telmateia</i> ssp. <i>braunii</i>	Giant Horsetail	
<b>POLYPODIACEAE</b>		
<i>Polypodium californicum</i>	California Polypody	
<b>PTERIDACEAE</b>		
<i>Adiantum aleuticum</i>	Five-finger Fern	
<i>Pentagramma triangularis</i> ssp. <i>triangularis</i>	Golden-backed Fern	

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## CONIFERS

Family	Common Name	Fire Hazard
<b>CUPRESSACEAE</b>		
<i>Cupressus abramsiana</i>	Santa Cruz Cypress	Fire Hazard
<b>PINACEAE</b>		
<i>Pinus attenuata</i> *	Knobcone Pine	Fire Hazard
<i>Pinus ponderosa</i>	Ponderosa Pine	
<i>Pseudotsuga menziesii</i> *	Douglas Fir	Fire Hazard
<b>TAXODIACEAE</b>		
<i>Sequoia sempervirens</i>	Coast Redwood	Fire Resistant

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## FLOWERING PLANTS - DICOTS

Family	Common Name	Fire Hazard
<b>ACERACEAE</b>		
<i>Acer macrophyllum</i>	Big-leaf Maple	
<b>ANACARDIACEAE</b>		
<i>Toxicodendron diversilobum</i>	Western Poison Oak	
<b>APIACEAE</b>		
<i>Osmorhiza chilensis</i>	Wood Sweet-cicely	
<i>Sanicula crassicaulis</i>	Pacific Sanicle, Gamble Weed	
<b>ARALIACEAE</b>		
<i>Aralia californica</i>	Elk Clover	
<b>ARISTOLOCHIACEAE</b>		
<i>Asarum caudatum</i>	Wild-Ginger	

## **ASTERACEAE**

<i>Achillea millefolium</i>	Yarrow	
<i>Adenocaulon bicolor</i>	Trail Plant	
<i>Agoseris grandiflora</i>	Large-flowered Agoseris	
<i>Arnica discoidea</i>	Rayless Arnica	
<i>Artemisia douglasiana</i>	California or Douglas Mugwort	
<i>Baccharis pilularis*</i>	Coyote Brush	Fire hazard
<i>Ericameria arborescens</i>	Golden-fleece	
<i>Ericameria ericoides</i>	Mock Heather	
<i>Eriophyllum confertiflorum</i> var. <i>confertiflorum</i>	Golden Yarrow	
<i>Filago californica</i>	California filago	
<i>Gnaphalium californicum</i>	Green Everlasting, California Cudweed	
<i>Gnaphalium canescens</i> ssp. <i>beneolens</i>	Fragrant Everlasting	
<i>Gnaphalium purpureum</i>	Purple Cudweed	
<i>Gnaphalium stramineum</i>	Everlasting Cudweed	
<i>Heterotheca grandiflora</i>	Telegraph Weed	
<i>Heterotheca sessiliflora</i> ssp. <i>echioide</i>	Bristly Golden-aster	
<i>Hieracium albiflorum</i>	Hawkweed	
<i>Lessingia filaginifolia</i> var. <i>filagini</i>	California Aster	
<i>Madia gracilis</i>	Slender Tarweed, Gumweed	
<i>Madia madioides</i>	Madia Tarweed, Woodland Madia	
<i>Psilocarphus tenellus</i> var. <i>tenellus</i>	Slender Woolly-marbles	
<i>Senecio aphanactis</i>	California Groundsel	
<i>Solidago californica</i>	California Goldenrod	
<i>Solidago canadensis</i> ssp. <i>elongata</i>	Canada or Meadow Goldenrod	
<i>Stylocline gnaphaloides</i>	Everlasting Nest Straw	

## **BERBERIDACEAE**

<i>Vancouveria planipetala</i>	Redwood Ivy	
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**BRASSICACEAE**

Cardamine californica var. californica	Milkmaids, California Toothwort
Cardamine oligosperma	Few-seeded Bittercrest
Erysimum teretifolium	Santa Cruz Wallflower

**CAMPANULACEAE**

Campanula prenanthoides	California or Durand's Harebell
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**CAPRIFOLIACEAE**

Lonicera hispidula var. vacillans	Hairy Honeysuckle
Symphoricarpos mollis	Creeping Snowberry

**CARYOPHYLLACEAE**

Cardionema ramosissimum	Sand Mat
Silene verecunda ssp. platyota	
Stellaria nitens	Shining chickweed

**CELASTRACEAE**

Euonymus occidentalis var. occidentalis	Western Burning-bush
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**CISTACEAE**

Helianthemum scoparium	Common Rush Rose
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**CRASSULACEAE**

Crassula connata	Sand Pygmy-weed
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**ERICACEAE**

Arbutus menziesii	Madrone	
Arctostaphylos andersonii *	Heartleaf or Santa Cruz Manzanita	Fire hazard
Arctostaphylos nummularia *	Sensitive Manzanita	Fire hazard
Arctostaphylos silvicola *	Bonnie Doon or Silver- leaved Manzanita	Fire hazard
Arctostaphylos tomentosa ssp. crinita *	Brittle-leaved Manzanita	Fire hazard
Gaultheria shallon	Salal	
Ledum glandulosum	Labrador Tea	
Rhododendron macrophyllum	California Rose Bay	
Rhododendron occidentale	Western Azalea	

Vaccinium ovatum California Huckleberry

### **EUPHORBIACEAE**

Eremocarpus setigerus Turkey Mullein, Dove Weed

### **FABACEAE**

Lathyrus vestitus var. vestitus Common Pacific Pea  
Lotus formosissimus Coast Hosackia  
Lotus heermannii var. orbicularis Woolly Trefoil  
Lotus micranthus Small-flowered Trefoil  
Lotus purshianus var. purshianus Pursh's trefoil  
Lotus scoparius var. scoparius \* California Broom, Fire hazard if dry  
deerweed  
Lotus strigosus Strigose Trefoil  
Lupinus albifrons var. albifrons Silver Lupine  
Lupinus bicolor Annual or Miniature  
Lupine  
Pickeringia montana var. montana Chaparral Pea  
Rupertia physodes Rupert's Scurf-pea,  
California pea  
Thermopsis macrophylla var. macrophylla False Lupine  
Trifolium willdenovii Willdenov's or Tomcat  
Clover  
Vicia americana var. americana American Vetch

### **FAGACEAE**

Chrysolepis chrysophylla var. minor Golden Chinquapin  
Lithocarpus densiflorus var. densiflorus ◊ Tanbark Oak Fire hazard if dead  
Quercus agrifolia ◊ Coast Live Oak  
Quercus chrysolepis ◊ Canyon Live Oak  
Quercus wislizenii var. wislizenii ◊ Interior Live Oak

### **GENTIANACEAE**

Centaurium davyi Davy's Centuary

### **GERANIACEAE**

Geranium carolinianum Carolina Geranium

**GROSSULARIACEAE***Ribes menziesii*

Canyon Gooseberry

**Fire Hazard****HYDROPHYLLACEAE***Eriodictyon californicum*

Yerba Santa

*Nemophila parviflora* var. *parviflora*Small-flowered  
Nemophila**HYPERICACEAE***Hypericum anagalloides*Tinker's Penny, Creeping  
St. John's Wort**LAMIACEAE***Lepechinia calycina* \*

Pitcher Sage

Fire Hazard

*Monardella undulata*

Curly-leaved Monardella

*Monardella villosa* ssp. *villosa*

Villose Coyote Mint

*Prunella vulgaris* var. *lanceolata*

Self-heal

*Satureja douglasii*

Yerba Buena

*Scutellaria tuberosa*Tuberose or Dannie's  
Skull-cap*Stachys ajugoides* var. *rigida*Rigid Bugle Hedge  
Nettle**MYRICACEAE***Myrica californica*

Wax Myrtle

**ONAGRACEAE***Camissonia contorta*Douglas' Evening  
Primrose*Camissonia micrantha*

Small Primrose

*Camissonia ovata*

Sun Cup

*Clarkia purpurea* ssp. *quadrivulnera*

Four-spot Godetia

*Epilobium* spp.**OROBANCHACEAE***Boschniakia strobilacea*

California Ground Cone

*Orobanche fasciculata*

Clustered Broom-rape

**OXALIDACEAE**

*Oxalis oregana*

Redwood Sorrel

**PAPAVERACEAE**

*Dendromecon rigida*

Bush Poppy

*Eschscholzia californica*

California Poppy

**Fire Hazard**

**PHILADELPHACEAE**

*Whipplea modesta*

Modesty, Yerba de Selva

**PLANTAGINACEAE**

*Plantago erecta*

California Plantain

*Plantago maritima*

Maritime Plantain

**POLEMONIACEAE**

*Collomia heterophylla*

Varied-leaved Collomia

*Gilia tenuiflora* ssp.

*Linanthus acicularis*

Bristly Linanthus

*Navarretia atractyloides*

Holly-leaved or Hooked  
Navarettia

*Navarretia hamata* ssp. *parviloba*

*Navarretia mellita*

Honey-scented  
pincushionplant

*Navarretia squarrosa*

Skunkweed

**POLYGALACEAE**

*Polygala californica*

Milkwort

**POLYGONACEAE**

*Chorizanthe diffusa*

Diffuse Spineflower

*Chorizanthe pungens* var. *hartwegiana*

Ben Lomond  
Spineflower

*Eriogonum nudum* var. *decurrens* \*

Ben Lomond Buckwheat Fire hazard

*Rumex salicifolius* var. *salicifolius*

Willow-leaved Dock

**PORTULACACEAE**

*Calandrina ciliata*

Red Maids

*Calyptridium umbellatum*

Pussy Paws

*Claytonia perfoliata* ssp. *perfoliata*

Miner's Lettuce

**PRIMULACEAE**

Trientalis latifolia	Starflower	
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**RANUNCULACEAE**

Actea rubra	Baneberry	
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**Fire Hazard****RHAMNACEAE**

Ceanothus cuneatus var. cuneatus *	Buck Brush	
Ceanothus papillosus var. papillosus *	Wartleaf Ceanothus	Possible Fire Hazard
Ceanothus thyrsiflorus	Blue Blossom	
Rhamnus californica ssp. californica	California Coffeeberry	

**ROSACEAE**

Adenostoma fasciculatum *	Chamise	Fire Hazard
Fragaria vesca	Wood Strawberry	
Heteromeles arbutifolia	Toyon	
Horkelia cuneata ssp. cuneata	Wedge-leaved Horkelia	
Horkelia marinensis	Piont Reye's Horkelia	
Rosa gymnocarpa	Wood Rose	
Rosa spithamea	Ground Rose	
Rubus parviflorus	Thimbleberry	
Rubus ursinus	Creeping Blackberry	

**RUBIACEAE**

Galium aparine	Goose Grass	
Galium californicum ssp. californicum	California Bedstraw	

**SALICACEAE**

Salix scouleriana	Scouler's Willow	
Salix lasiolepis	Arroyo Willow	

**SAXIFRAGACEAE**

Boykinia occidentalis	Brook Foam	
Tiarella trifoliata var. unifoliata	Lace Flower, Sugar-Scoop	

**SCROPHULARIACEAE**

Castilleja densiflora ssp. densiflora	Owl's Clover
Castilleja foliolosa	Wooly Indian Paintbrush
Cordylanthus tenuis ssp. vicidus	
Linaria canadensis	Blue Toadflax
Mimulus aurantiacus	Sticky Monkeyflower
Mimulus guttatus	Common Monkeyflower
Mimulus moschatus	Musk Monkeyflower
Mimulus rattanii	Rattan's Monkeyflower

**SOLANACEAE**

Solanum americanum

**URTICACEAE**

Urtica dioica ssp. holosericea	Hoary Nettle
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**VERBENACEAE**

Verbena lasiostachys var. lasiostachys	Western Verbena
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**VIOLACEAE**

Viola ocellata	Western Heart's Ease
Viola semprevirens	Evergreen Violet
Viola sp.	

**VISCACEAE**

Phoradendron villosum	Hairy or Oak Mistletoe
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**FLOWERING PLANTS - MONOCOTS**

<b>Family</b>	<b>Common Name</b>	<b>Fire Hazard</b>
<b>CYPERACEAE</b>		
Carex globosa	Round-fruited Sedge	
Carex obnupta	Slough Sedge	
Carex spp.		
Cyperus eragrostis	Tall or Eragrostoid Cyperus	

**IRIDACEAE**

Iris macrosiphon	Slender-tubed Iris	
Sisyrinchium bellum	Blue-eyed Grass	

**Fire Hazard****JUNCACEAE**

Juncus balticus	Baltic Rush	
Juncus bufonius var. bufonius	Toad Rush	
Juncus longistylis		
Juncus phaeocephalus var. phaeocephalus	Brown-headed Rush	
Luzula comosa	Hairy Wood Rush	

**LEMNACEAE**

Lemna minor	Small Duckweed	
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**LILIACEAE**

Calochortus albus	White Globe Lily, Fairy Lanterns	
Chlorogalum pomeridianum var. pomeridianum	Indian Soap Plant, Amole	
Clintonia andrewsiana	Andrew's Clintonia	
Dichelostemma capitatum ssp. capitatum	Blue Dicks	
Disporum hookeri	Hooker's Fairy Bell	
Lilium pardalinum ssp. pardalinum	Leopard Lily	
Smilacina racemosa	False Solomon's Seal	
Trillium ovatum ssp. ovatum	Western Trillium or Wake Robin	
Xerophyllum tenax	Bear-grass, Indian Basket Grass	
Zigadenus fremontii	Fremont's Star Lily or Death Camas	Feb-Sep

**ORCHIDACEAE**

Corallorhiza maculata	Spotted Coralroot	Apr-Jul
Epipactis gigantea	Stream Orchid	Apr-Aug
Piperia transversa	Transverse Orchid	May-Aug

## POACEAE

<i>Agrostis microphylla</i>	Small-leaved Western Bentgrass
<i>Bromus carinatus</i> var. <i>carinatus</i>	California Brome
<i>Danthonia californica</i> var. <i>californica</i>	California Wild Oatgrass
<i>Deschampsia elongata</i>	Slender Hairgrass or Elongate Oatgrass
<i>Elymus glaucus</i>	Blue Wildrye
<i>Koeleria macrantha</i>	June Grass
<i>Leymus triticoides</i>	Alkali Wild Rye
<i>Panicum acuminatum</i> var. <i>acuminatum</i>	Acuminate Panic Grass
<i>Vulpia microstachys</i> var. <i>pauciflora</i>	Nuttall's or Pacific Fescue

\*Do not plant high fire and fuel hazard plants within 100ft of structures. If existing, prune, remove dead wood, reduce in height, remove other contiguous vegetation and maintain for fire safety. Plants such as coyote bush, juniper, Monterey Pine, etc. that have a high oil or sap content, and any dead vegetation should be removed completely from the 100 foot fire safe zone.

Note: There may be some mis-spelled or assigned scientific names in this publication. The list also needs updating to capture additional plants that have been identified since this list was first developed.

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Source: Santa Clara Valley Chapter of the California Native Plant Society.

Compiled by Neal Kramer (September 1999 revision). Nomenclature follows Jepson. Please report additions or corrections to Neal Kramer, P.O. Box 1582, El Granada, CA 94018

Adapted for use in 2008 Martin Fire area by Rich Casale, CPESC #3, District Conservationist, USDA Natural Resources Conservation Service (NRCS). August 2008. List to be distributed by NRCS to landowners in Martin Fire area in close proximity to Bonny Doon Ecological Reserve that want to re-establish native plants that were destroyed on their properties from the Martin fire.

Note: Changes made include removal of non-native species from the all inclusive list and noting fire hazard potential of some native plants in this ecological community. Also removed was a column indicating the flowering period of all plants on the list. This column was replaced with a fire hazard column. For inquires regarding these changes please contact Rich Casale at NRCS at 831-475-1967 or by e-mail at [Richard.casale@ca.usda.gov](mailto:Richard.casale@ca.usda.gov)