

APPENDIX H

LOW WATER USE, IGNITION RESISTIVE PLANTS



Courtesy of Dixie Switzer

The intent of this list is to provide examples of plants that are less prone to ignite or spread flames to other vegetation during a fire and that can naturalize or survive without irrigation after growth has been established. This list indicates those plants that are considered native to California. It also excludes non-native invasive species that easily spread into natural, non-irrigated areas.

No plant is totally fire resistant. The plants listed have been chosen because they contain minimal amounts of flammable resins and have a low fuel volume. All plants on this list are considered to be drought-tolerant.

When first planting drought-tolerant plants, it is necessary to water deeply to encourage the plant roots to seek natural moisture in the soil. During this establishment period, many plants will require more water in summer than in winter but be careful not to overwater. Even in summer some natives will die if watered too much. Over a three year establishment period, these plants should be weaned off supplemental irrigation. Once established, these plants can grow and reproduce with only natural moisture such as rainfall. Occasional irrigation is necessary only in extreme drought conditions.

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LEGEND

* Native plant as identified in the Native Plant list published by the San Diego Chapter of the California Native Plant Society or the California Native Plant Link Exchange for San Diego County www.cnplx.info.

TYPE: A = Annual
C = Succulent
G = Groundcover
P = Perennial
S = Shrub
T = Tree

The following references were used to avoid any listing of invasive plants:

Los Angeles Regional Guide to Invasive Plants http://weedwatch.lasgrwc.org/Matrix_Master_20071022.pdf.

California Invasive Plant Council Inventory of California Invasive Plants
<http://www.cal-ipc.org/ip/inventory/index.php>.

American Society of Landscape Architects, San Diego Chapter: Invasive Ornamental Plant Guide
http://www.asla-sandiego.org/Download/PG_08_mod.pdf.

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Yarrow

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California Buckeye

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Desert Century

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Shaw's Century

BOTANICAL NAME	COMMON NAME	TYPE
<i>Achillea Tomentosa</i> *	Wooly Yarrow	G
<i>Aesculus californica</i> *	California Buckeye	T/S
Agave		
<i>americana</i>	Century Plant	C
<i>deserti</i> *	Desert Century Plant	C
<i>shawii</i> *	Shaw's Century Plant	C
<i>Aloe arborescens</i>	Tree Aloe	C
<i>Alyogyne huegelii</i>	Blue Hibiscus	S
<i>Antigonon leptopus</i> *	San Miguel Coral Vine	V
<i>Arbutus unedo</i>	Strawberry Tree	T
<i>Baccharis glutinosa</i> *	Mule Fat	S
<i>Brachychiton populneus</i>	Bottle Tree	T
<i>Caesalpinia gilliesii</i>	Bird of Paradise Bush	S
<i>Calliandra californica</i> *	Baja Fairy Duster	S
<i>Cassia artemisioides</i>	Feathery Senna	S
<i>Ceanothus spp.</i> *	California Lilac	S/G
<i>Ceratonia siliqua</i>	Carob	T
<i>Cercidium floridum</i>	Blue Palo Verde	T
<i>Cercis occidentalis</i> *	Western Redbud	T/S

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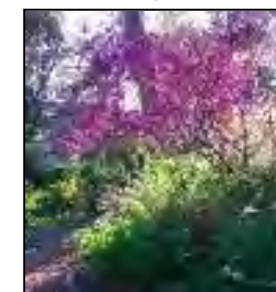
Mule Fat

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**California Mountain Lilac
(Ceanothus)**

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Western Redbud

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Summer Holly

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Coast Sunflower

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Giant Coreopsis

BOTANICAL NAME	COMMON NAME	TYPE
<i>Comarostaphylis diversifolia</i> *	Summer Holly	S
<i>Convolvulus cneorum</i>	Bush Morning Glory	S
Coreopsis		
<i>gigantea</i> *	Giant Coreopsis	P
<i>maritima</i> *	Sea Dahlia	P
<i>verticillata</i>	Coreopsis	P
Dalea		
<i>orcuttii</i>	Orcutt's Delea	S
<i>spinosa</i>	Smoke Tree	S
<i>Delosperma alba</i>	White Trailing Ice Plant	G
Dudleya		
<i>brittonii</i> *	Britton's Chalk Dudleya	G
<i>pulverulenta</i> *	Chalk Dudleya	G
<i>virens</i> *	Island Live-Forever	G
<i>Elaeagnus pungens</i>	Silverberry	S
Encelia		
<i>californica</i> *	Coast Sunflower	P
<i>farinosa</i> *	White Brittlebush	P
<i>Eriophyllum confertiflorum</i> *	Golden Yarrow	S
<i>Erythrina caffra</i>	Kaffirboom Coral Tree	T

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Sea Dahlia

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Chalk Dudleya

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White Brittlebush

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Golden Yarrow

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California Poppy

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Island Bush-Snapdragon

BOTANICAL NAME	COMMON NAME	TYPE
<i>Eschscholzia californica</i> *	California Poppy	G/A
<i>Ferocactus viridescens</i> *	Coast Barrel Cactus	C
<i>Fouquieria splendens</i> *	Ocotillo	C
Galvezia		
<i>Juncea</i> *	Baja Bush-Snapdragon	S
<i>speciosa</i> *	Island Bush-Snapdragon	S
<i>Garrya flavescens</i> *	Ashy Silktassel	S
<i>Grevillea</i> spp.	Grevillea	T/S/G
<i>Helianthemum</i> spp.*	Sunrose	G
<i>Hesperaloe parviflora</i>	Red Yucca	C
<i>Heteromeles arbutifolia</i> *	Toyon	S
<i>Iva hayesiana</i> *	Poverty Weed	P
Juglans		
<i>californica</i> *	California Walnut	T
<i>hindsii</i>	California Black Walnut	T
<i>Keckiella cordifolia</i> *	Heart-Leaved Penstemon	V
<i>Kniphofia uvaria</i>	Red-Hot Poker	P
<i>Lampranthus aurantiacus</i>	Ice Plant	G
<i>Lantana</i> spp.	Lantana	S/G

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Ashy Silktassel

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Sunrose

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Toyon

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Poverty Weed

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California Walnut

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Heart-Leaved Penstemon

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Chaparral Honeysuckle

BOTANICAL NAME	COMMON NAME	TYPE
<i>Lasthenia californica</i> *	Common Goldfields	G
<i>Laurus nobilis</i>	Sweet Bay	T/S
<i>Lavandula</i> spp.	Lavender	P
<i>Leucophyllum frutescens</i>	Texas Ranger	S
<i>Lonicera subspicata</i> *	Chaparral Honeysuckle	V
<i>Lotus scoparius</i> *	Deerweed	S
<i>Lupinus</i> spp.	Lupine	G/A
<i>Lyonothamnus floribundus</i> spp.		
<i>asplenifolius</i> *	Fernleaf Catalina Ironwood	T
<i>Malacothamnus fasciculatus</i> *	Mesa Bushmallow	S
<i>Nolina</i>		
<i>parryi</i> *	Parry's Nolina	C
<i>parryi</i> spp. <i>Wolfii</i> *	Wolf's Bear Grass	C
<i>Penstemon</i> spp. (wild)*	Penstemon wild	P
<i>Pittosporum phillyraeoides</i>	Willow Pittosporum	T
<i>Portulacaria afra</i>	Elephant's Food	T/S
<i>Prunus</i>		
<i>ilicifolia</i> *	Hollyleaf Cherry	T/S
<i>lyonii</i>	Catalina Cherry	T/S

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Deerweed

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Fernleaf Catalina Ironwood

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Mesa Bushmallow

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Wild Penstemon

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Hollyleaf Cherry

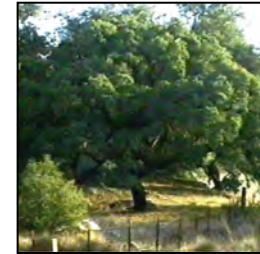
Courtesy of Dixie Switzer



Coast Live Oak

BOTANICAL NAME	COMMON NAME	TYPE
Quercus		
agrifolia*	Coast Live Oak	T
dumosa*	Scrub Oak	S
engelmannii*	Engelmann Oak	T
suber	Cork Oak	T
Rhamnus californica*	Coffeeferry	S
Robinia Ambigua 'Purple Robe'	Purple Robe Locust	T
Romneya coulteri*	Matilija Poppy	S
Rosa		
californica*	California Wild Rose	S
minutifolia*	Baja California Wild Rose	S
Sambucus spp.	Elderberry	S
Santolina		
chamaecyparissus	Lavender Cotton	P
virens	Santolina	P
Sedum spp.	Stonecrops	C
Senecio cineraria	Dusty Miller	P
Sisyrinchium bellum*	Blue-Eyed Grass	P
Symphoricarpos mollis*	Creeping Snowberry	S

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Engelmann Oak

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Coffeeferry

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Matilija Poppy

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California Wild

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Blue-Eyed Grass

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Creeping Snowberry

BOTANICAL NAME	COMMON NAME	TYPE
Tagetes lemmonii	Copper Canyon Daisy	P
Teucrium fruticans	Bush Germander	S
Ulmus pumila	Siberian Elm	T
Verbena lilacina*	Lilac Verbena	P
Viguiera laciniata*	San Diego Sunflower	G
Westringia fruticosa	Coast Rosemary	S
Yucca		
schidigera*	Mojave Yucca	C
whipplei*	Foothill Yucca	C
Zauschneria		
californica	California Fuschia	P
cana	Hoary California Fuschia	P
'Catalina'	Catalina Fuschia	P

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San Diego Sunflower

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Mojave Yucca

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Foothill Yucca

Please note: The above list is not intended as a comprehensive compilation of all plants that meets the criteria of low water use, ignition resistive, and non-invasive. It only suggests some plants that meet the criteria.