

Ornamental Plants Invasive in Other Mediterranean Regions

California Invasive Plant Council, July 2008

The lists below include plants identified as invasive in one of the Mediterranean-climate regions (Mediterranean basin, western Australia, Cape Region of South Africa, central Chile) that are also sold as ornamental species. These lists are intended as a first step in identifying plants that could become problematic and have no regulatory or other official status. In some cases, plants are classified into multiple families due to discrepancies among references or new classifications. Please see the end of the lists for major references used in this project and contact Cal-IPC at info@cal-ipc.org or 510-843-3902 for more information on how we developed this information and the current status of the project.

Definitions:

“Naturalized” = listed as naturalized by the Jepson Manual, does not include species that have been present in California since before 1940 without becoming invasive

“Sold in California” = listed in the *Sunset Garden Book* or the *Plant Locator (Western Region)*

1a) Species neither naturalized nor sold in California, but listed as ornamental plants elsewhere.

Family	Species	Common name
Asteraceae	<i>Ageratina riparia</i>	mistflower
Asteraceae	<i>Chrysanthemoides monilifera</i>	boneseed, bitou bush
Asteraceae	<i>Gymnocoronis spilanthoides</i>	Senegal tea
Asteraceae	<i>Senecio angulatus</i>	creeping or climbing groundsel
Asteraceae	<i>Sphagneticola trilobata</i>	Bay Biscayne creeping-oxeye
Crassulaceae	<i>Bryophyllum pinnatum</i>	mother of millions?
Fabaceae	<i>Acacia nilotica</i>	gum arabic tree
Fabaceae	<i>Albizia lebeck</i>	woman's tongue
Fabaceae	<i>Caesalpinia decapetala</i>	shoofly
Fabaceae	<i>Pueraria montana</i>	kudzu
Fabaceae	<i>Senna pendula</i>	valamuerto
Iridaceae	<i>Gladiolus undulatus</i>	gladiolus
Iridaceae	<i>Hexaglottis lewisiae</i> = <i>Moraea lewisiae</i>	
Iridaceae	<i>Morea flaccida</i>	one-leaf cape tulip
Iridaceae	<i>Sparaxis bulbifera</i>	wandflower
Iridaceae	<i>Watsonia versfeldiae</i>	bugle-lily
Meliaceae	<i>Toona ciliata</i>	Australian redcedar
Myrtaceae	<i>Eugenia michelii</i>	Surinam cherry
Poaceae	<i>Agrostis capillaris</i>	colonial bentgrass
Polygalaceae	<i>Polygala virgata</i>	
Polygonaceae	<i>Polygonum aviculare</i>	prostrate knotweed
Polygonaceae	<i>Rumex sagittatus</i> = <i>Acetosa sagittata</i>	garden sorrel
Proteaceae	<i>Hakea gibbosa</i>	pincushion tree
Salicaceae	<i>Salix fragilis</i>	crack willow
Sapindaceae	<i>Cardiospermum grandiflorum</i>	balloon vine
Solanaceae	<i>Cestrum laevigatum</i>	
Solanaceae	<i>Solanum mauritanium</i>	earleaf nightshade

1b) Species sold in California but not naturalized here. Land managers will watch for these appearing in natural areas.

Family	Species	Common name
Acanthaceae	<i>Thunbergia grandiflora</i>	thunbergia
Acanthaceae (Liliaceae?)	<i>Aloe vera</i> = <i>A. barbadensis</i>	aloe
Aceraceae	<i>Acer pseudoplatanus</i>	elder

Agavaceae	<i>Agave sisalana</i>	sisal hemp
Agavaceae	<i>Yucca gloriosa</i>	moundlily yucca, Spanish dagger
Apocynaceae	<i>Catharanthus roseus</i> = <i>Vinca rosea</i>	pink periwinkle
Asclepiadaceae	<i>Cryptostegia grandiflora</i>	rubber vine
Asclepiadaceae	<i>Periploca graeca</i>	silkvine
Asparagaceae	<i>Asparagus plumosus</i>	climbing asparagus
Asparagaceae	<i>Asparagus scandens</i>	asparagus fern
Asparagaceae, Liliaceae	<i>Asparagus africanus</i>	Sprenger's asparagus
Asteraceae	<i>Baccharis halimifolia</i>	groundsel bush
Asteraceae	<i>Coleostephus myconis</i>	
Asteraceae	<i>Helianthus tuberosus</i>	jerusalem artichoke
Asteraceae	<i>Schkuhria pinnata</i>	pinnate false-threadleaf
Asteraceae	<i>Solidago chilensis</i>	
Balsaminaceae	<i>Impatiens glandulifera</i>	balsam, touch-me-not, snapweed
Berberidaceae	<i>Berberis darwinii</i>	barberry
Bignoniaceae	<i>Jacaranda mimosifolia</i>	jacaranda
Bignoniaceae	<i>Macfadyena unguis-cati</i>	cat's claw creeper
Bignoniaceae	<i>Tecoma stans</i>	yellow bells
Bignoniaceae	<i>Spathodea campanulata</i>	African tulip tree
Boraginaceae	<i>Echium vulgare</i>	blue thistle
Cabombaceae	<i>Cabomba caroliniana</i>	Carolina fanwort
Cactaceae	<i>Echinopsis spachiana</i>	echinopsis, golden torch
Cactaceae	<i>Harrisia martinii</i>	mooncactus
Cactaceae	<i>Opuntia fulgida</i>	chainfruit, jumping cholla
Cactaceae	<i>Opuntia humifusa</i>	devil's tongue
Cactaceae	<i>Opuntia imbricata</i> = <i>Cylindropuntia imbricata</i>	cholla
Cactaceae	<i>Opuntia microdasys</i>	angel's-wings, bunny ears
Cactaceae	<i>Opuntia robusta</i>	Nopal Tapón, Bartolona, Silver Dollar
Cactaceae	<i>Opuntia stricta</i>	prickly pear
Cannabaceae	<i>Humulus japonicus</i>	Japanese hope
Cannaceae	<i>Canna indica</i>	Indian shot
Caprifoliaceae	<i>Leycesteria formosa</i>	Himalayan honeysuckle
Casuarinaceae	<i>Casuarina equisetifolia</i>	beefwood, she-oak
Clusiaceae	<i>Hypericum androsaemum</i>	St. Johnswort
Clusiaceae	<i>Hypericum calycinum</i>	St. Johnswort
Convolvulaceae	<i>Ipomoea indica</i>	morning glory
Convolvulaceae	<i>Turbina corymbosa</i>	Christmasvine
Davalliaceae, Polypodiaceae	<i>Nephrolepis cordifolia</i>	fishbone fern, southern sword fern
Ericaceae	<i>Erica arborea</i>	tree heath
Euphorbiaceae	<i>Euphorbia polygonifolia</i>	seaside sandmat
Fabaceae	<i>Acacia karroo</i>	karoo thorn
Fabaceae	<i>Acacia podalyriifolia</i>	pearl wattle
Fabaceae	<i>Acacia stricta</i>	Hop Wattle
Fabaceae	<i>Cassia fistula</i>	golden shower, senna
Fabaceae	<i>Dalbergia sissoo</i>	Himalayan rain tree, rosewood
Fabaceae	<i>Psoralea pinnata</i>	blue psoralea
Fabaceae	<i>Retama raetum</i>	weeping white broom
Fabaceae	<i>Senna alata</i>	candle bush
Fabaceae	<i>Senna bicapsularis</i>	Christmasbush
Fagaceae	<i>Quercus robur</i>	English oak
Iridaceae	<i>Ferraria crispera</i>	black flag
Iridaceae	<i>Freesia leichtlinii</i> = <i>F. alba x leichtlinii</i>	freesia
Iridaceae, Martyniaceae, Meliaceae	<i>Moraea miniata</i>	two-leaf cape tulip
Lamiaceae	<i>Lavandula stoechus</i>	topped lavender
Lamiaceae	<i>Plectranthus comosus</i>	plectranthus
Liliaceae	<i>Agapanthus praecox</i> subsp. <i>orientalis</i>	lily-of-the-nile
Liliaceae	<i>Alstoemeria aurea</i>	Alstoemeria
Liliaceae	<i>Asparagus densiflorus</i> (= <i>A. aethiopicus</i>)	Sprenger's asparagus

Liliaceae	<i>Gloriosa superba</i>	glory lily
Meliaceae	<i>Azadirachta indica</i>	neem
Myrsinaceae	<i>Ardisia crenata</i>	
Myrtaceae	<i>Eucalyptus conferruminata</i>	bushy yate
Myrtaceae	<i>Eugenia uniflora</i>	Surinam cherry
Myrtaceae	<i>Psidium cattleianum</i>	strawberry guava
Myrtaceae	<i>Psidium guajava</i>	guava
Myrtaceae	<i>Syzygium paniculatum</i> = <i>Eugenia</i>	brush cherry
Oleaceae	<i>Ligustrum lucidum</i>	privet
Oleaceae	<i>Ligustrum sinense</i>	small-leaved privet
Oleaceae	<i>Ligustrum vulgare</i>	privet
Onagraceae	<i>Fuchsia magellanica</i>	fuchsia
Onagraceae	<i>Oenothera drummondii</i> = <i>O. stubbei</i>	beach evening-primrose
Papaveraceae	<i>Argemone ochroleuca</i>	pale Mexican pricklypoppy
Passifloraceae	<i>Passiflora edulis</i>	passionfruit
Passifloraceae	<i>Passiflora tripartita</i> var. <i>mollissima</i>	banana passion fruit
Pinaceae	<i>Pinus canariensis</i>	Canary Island pine
Pinaceae	<i>Pinus elliotii</i>	slash pine
Pinaceae	<i>Pinus halepensis</i>	aleppo pine
Pinaceae	<i>Pinus nigra</i>	Austrian pine
Pinaceae	<i>Pinus patula</i>	jelecote pine
Pinaceae	<i>Pinus pinaster</i>	maritime pine
Pinaceae	<i>Pinus pinea</i>	Italian stone pine
Poaceae	<i>Glyceria maxima</i>	reed mannagrass
Poaceae	<i>Paspalum vaginatum</i>	seashore paspalum
Poaceae	<i>Pennisetum ciliare</i>	buffelgrass
Polygalaceae	<i>Polygala myrtifolia</i>	myrtle-leaf milkwort
Polygonaceae	<i>Polygonum campanulatum</i>	
Polypodiaceae	<i>Nephrolepis exaltata</i>	sword fern, Boston fern
Proteaceae	<i>Hakea drupacea</i>	pincushion tree
Proteaceae	<i>Hakea salicifolia</i>	pincushion tree
Proteaceae	<i>Hakea sericea</i>	pincushion tree
Ranunculaceae	<i>Clematis vitalba</i>	old man's beard
Rhamnaceae	<i>Rhamnus alaternus</i>	Italian buckthorn
Rhamnaceae	<i>Ziziphus mauritiana</i>	Chinee apple
Rosaceae	<i>Cotoneaster divaricatus</i>	cotoneaster
Rosaceae	<i>Rubus fruticosus</i> (species aggregate)	blackberry
Rosaceae, Malaceae	<i>Cotoneaster glaucophyllus</i>	cotoneaster
Salicaceae	<i>Populus deltoides</i>	eastern cottonwood
Salicaceae	<i>Populus nigra</i> cv. 'Italica'	Lombardy poplar
Salicaceae	<i>Populus x canescens</i>	gray poplar
Salicaceae	<i>Salix cinerea</i>	pussy willow
Scrophulariaceae	<i>Scrophularia auriculata</i>	shoreline figwort
Solanaceae	<i>Physalis peruviana</i>	ground cherry
Solanaceae	<i>Solanum pseudocapsicum</i>	Jerusalem cherry
Solanaceae	<i>Cestrum aurantiacum</i>	orange jessamine
Tamaricaceae	<i>Tamarix chinensis</i>	five-stamen tamarisk
Ulmaceae	<i>Celtis sinensis</i>	Chinese celtis
Verbenaceae	<i>Lantana camara</i>	lantana
Verbenaceae	<i>Stachytarpheta</i> spp.	snakeweed
Verbenaceae	<i>Verbena aristigera</i> = <i>V. tenuisecta</i>	Mayne's pest
Vitaceae	<i>Vitis riparia</i>	grape
Zingiberaceae	<i>Alpinia zerumbet</i>	shellplant
Zingiberaceae	<i>Hedychium coronarium</i>	white ginger, butterfly lily
Zingiberaceae	<i>Hedychium flavescens</i>	yellow ginger lily

2a) Plants already naturalized in California (although not on Cal-IPC's Inventory) and sold in California. Some are on Cal-IPC "Red Alerts" of plants beginning to spread into wildlands or were reviewed for our Inventory but not included due to lack of information (both categories indicated by *). These may be re-evaluated in the future.

Family	Species	Common name
* Aizoaceae	<i>Malephora crocea</i>	ice plant
Apocynaceae	<i>Nerium oleander</i>	oleander
Aponogetonaceae	<i>Aponogeton distachyos</i>	Cape pondweed
* Arecaceae	<i>Phoenix dactylifera</i>	date palm
* Asphodelaceae (was Liliaceae)	<i>Kniphofia uvaria</i>	redhot poker
Asteraceae	<i>Coreopsis lanceolata</i>	coreopsis
* Asteraceae	<i>Erigeron karvinskianus</i>	Mexican daisy
* Asteraceae	<i>Gazania linearis</i>	gazania
Asteraceae	<i>Osteospermum ecklonis</i>	African daisy
Asteraceae	<i>Osteospermum fruticosum</i>	trailing African daisy
Caprifoliaceae	<i>Lonicera japonica</i>	honeysuckle
* Celastraceae	<i>Maytenus boaria</i>	mayten
Ebonaceae	<i>Diospyros lotus</i>	persimmon, date plum
Fabaceae	<i>Acacia baileyana</i>	Bailey acacia, mimosa
Fabaceae	<i>Acacia elata</i>	cedar wattle
Fabaceae	<i>Dipogon lignosus</i>	okie bean
* Fabaceae	<i>Gleditsia triacanthos</i>	honey locust
Fabaceae	<i>Senna didymobotrya</i>	senna
Fabaceae	<i>Senna multiglandulosa = Cassia tomentosa</i>	senna
Geraniaceae	<i>Geranium lucidum</i>	shining geranium
* Geraniaceae	<i>Geranium robertianum</i>	herb-robert, Robert geranium
Iridaceae	<i>Chasmanthe floribunda</i>	chasmanthe
Lamiaceae	<i>Salvia verbenaca</i>	wild clary
Malvaceae	<i>Hibiscus trionum</i>	Venice mallow
Myrtaceae	<i>Eucalyptus cladocalyx</i>	sugar gum
* Oleaceae	<i>Ligustrum japonicum</i>	privet
Oxalidaceae	<i>Oxalis latifolia = O. violacea</i>	oxalis
Papaveraceae	<i>Papaver somniferum</i>	opium poppy
Passifloraceae	<i>Passiflora tarminiana (P. mollissima)</i>	banana poka
Pittosporaceae	<i>Pittosporum tobira</i>	mock orange
* Pittosporaceae	<i>Pittosporum undulatum</i>	sweet pittosporum
Poaceae	<i>Eragrostis curvula</i>	African lovegrass
Proteaceae	<i>Grevillea robusta</i>	silkoak
Rosaceae	<i>Eriobotrya japonica</i>	loquat
Rosaceae	<i>Rosa canina</i>	dog rose
Rosaceae	<i>Rosa rubiginosa</i>	sweet briar
Solanaceae	<i>Datura innoxia</i>	downy thornapple, jimson weed
* Ulmaceae	<i>Ulmus parvifolia</i>	Chinese elm
* Ulmaceae	<i>Ulmus pumila</i>	Siberian elm

2b) Plants already naturalized in California, not on Inventory, and not sold in California.

Family	Species	Common name
Boraginaceae	<i>Heliotropium amplexicaule</i>	blue heliotrope
Fabaceae	<i>Acacia pycnantha</i>	golden wattle
Fabaceae	<i>Cytisus multiflorus</i>	white Spanish broom
Fabaceae	<i>Acacia paradoxa</i>	kangaroothorn
Iridaceae	<i>Romulea rosea</i>	rosy sandcrocus
Rosaceae	<i>Rubus ulmifolius</i>	blackberry

Major references for these lists:

- Worldwide: *Invasive Plant Species of the World* (Weber 2003)
- Australia: Weeds Australia & Weeds of Australia (gov't websites),
(<http://www.weeds.org.au/weedident.htm>, <http://www.weeds.gov.au/>)
- Chile: *Manual de las maleza que crecen en Chile* (Matthei 1995)
- Mediterranean: Flora Europaea (<http://rbg-web2.rbge.org.uk/FE/fe.html>), journal and conference articles
- S. Africa: South African Plant Invaders Atlas (<http://www.agis.agric.za/wip/>)
- California: Jepson Flora Project (http://ucjeps.berkeley.edu/jepson_flora_project.html),
Consortia of California Herbaria (<http://ucjeps.berkeley.edu/consortium/about.html>),
California Invasive Plant Inventory (<http://www.cal-ipc.org/ip/inventory/index.php>),
Sunset Western Garden Book (Brenzel 2007), *Plant Locator (Western Region)*(Hill and Narizny 2004).