

Appendix B

LIST OF SUITABLE AND UNSUITABLE PLANT SPECIES FOR RESIDENTIAL LEVEES

There are thousands of species of plants which are growing or could grow in California. Consequently, the lists of plants provided in this appendix are intended to be used only as guidelines for those planning a landscaping project on a levee. Species should be selected which will not impair levee maintenance or flood fight operations; for example, plants armored with large thorns are not allowed. Tree species shall be selected which will not present a wind throw or uprooting hazard due to a typically unstable root system or which have a capability of reaching great size and weight leading to unbalance.

Because of the potential to attract burrowing rodents, species of trees, shrubs, or ground covers which provide significant food for squirrels are not allowed. Maximum use of native species, instead of exotics, is encouraged.

Further assistance in plant selection may be obtained by contacting:

Department of Water Resources
Attention: Encroachment Control Section
Post Office Box 942836
Sacramento, CA 94236-0001
(916) 324-3889

TABLE 1

PARTIAL LIST OF PLANT SPECIES SUITABLE FOR RESIDENTIAL LEVEES

TREES - common name	species
Alder, white	<i>Alnus rhombifolia</i>
Box Elder	<i>Acer negundo</i>
California pepper tree (male tree)	<i>Schinus molle</i>
Carob tree (male tree)	<i>Ceratonia siliqua</i>
China-berry	<i>Melia azedarach</i>
Chinese pistache	<i>Pistacia chinensis</i>
Coast beefwood	<i>Casuarina stricta</i>
Common catalpa	<i>Catalpa bignonioides</i>
Crape myrtle	<i>Lagerstroemia indica</i>
Dogwood, giant	<i>Cornus controversa</i>

[1] spp. = species

[2] These species have specific requirements for being cut back or otherwise maintained on a regular basis depending on the species.

[3] Conifers whose normal mature height is 50 feet or less may be considered desirable under maintenance conditions that (1) protect the tree from drought, and (2) will assure proper pruning of the lower branches.

[4] Disallowed by BALMD

Dogwood, Western
 Fremont cottonwood (male tree)
 Goldenrain tree
 Hackberry, Chinese
 Hackberry, common
 Hackberry, European
 Maidenhair tree (male tree only)
 Mayten tree
 Montezuma cypress
 Oak
 Pagoda tree
 Redbud, western
 Redbud, eastern
 Sawleaf zelkova
 Silk tree
 Strawberry tree
 Tallow tree
 Tupelo

GROUND COVER - common name

Aaron's Beard
 Alyssum
 Basket-of-gold
 Bermuda Grass

 Blue-eyed grass
 California Poppy
 Cape weed
 Creeping wild rye [2]
 English Ivy, miniature [2]
 Garden lippia

 Gazania, trailing [2]
 Green carpet
~~Ice Plant, Rosea~~ [4]
~~Ice Plant, trailing~~ [4]
 Lupine, dwarf
 Mexican evening primrose [2]

Cornus nuttallii
 Populus fremontii
 Koelreuteria paniculata
 Celtis sinensis
 Celtis occidentalis
 Celtis australis
 Gingko biloba
 Maytenus boaria
 Taxodium mucronatum
 Quercus spp. [1]
 Sophora japonica
 Cercis Occidentalis
 Cercis canadensis
 Zelkova serrata
 Albizia julibrissin
 Arbutus unedo or Arbutus "marina"
 Sapium sebiferum
 Nyssa sylvatica
 species
 Hypericum calycinum [2]
 Alyssum spp.*
 Aurinia saxatile
 Cynodon dactylon "tifgreen"
 Cynodon dactylon "coastal"
 Cynodon dactylon "Tufcote"
 Sisyrinchium bellum
 Eschscholzia californica
 Arctotheca calendula
 Elymus triticoides
 Hedera helix, hahni
 Phyla nodiflora
 Lippia nodiflora
 Gazania spp.*
 Herniaria glabra
~~Drosanthemum floribundum~~
~~Lampranthus, spectabilis~~
 Lupinus bicolor
 Oenothera berlandieri

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Palestine orchardgrass
 Salt grass
 Spring Cinquefoil
 Stonecrop
 Trailing African daisy
 Verbena [2]
 Yellow-eyed grass

Dactylis glomerata "Palestine"
 Distichlis spicata
 Potentilla tabernaemontanii
 Sedum spp.*
 Osteospermum fruticosum
 Verbena peruviana
 Sisyrinchium californicum

PARTIAL LIST OF PLANT SPECIES UNSUITABLE FOR LEVEES

TREES - common name

Acacia, Bailey
 Acacia, kangaroo thorn
 Almond, edible
 Apple, crab apple, edible
 Apricot, edible
 Ash, Arizona
 Ash, flowering
 Ash, Modesto
 Blue gum
 Cedar [3]
 Cherry, edible
 Chinese jujube
 Chinese wingnut
 Citrus, edible
 Coast redwood
 Colorado spruce
 Cypress [3]
 Date palm
 Elm
 Fan palm
 Fig, edible
 Fir [3]
 Giant sequoia
 Hawthorn
 Incense cedar [3]
 Locust

species

Acacia baileyana
 Acacia armata
 Prunus dulcis
 Malus spp. [1]
 Prunus armeniaca
 Fraxinus velutina
 Fraxinus ornus
 Fraxinus velutina "Modesto"
 Eucalyptus globulus
 Cedrus spp. [1]
 Prunus avium
 Zizyphus jujube
 Pterocarya stenoptera
 Citrus spp. [1]
 Sequoia sempervirens
 Picea pungens
 Cupressus spp. [1]
 Phoenix spp. [1]
 Ulmus spp. [1]
 Washingtonia spp. [1]
 Ficus carica
 Abies spp. [1]
 Sequoiadendron giganteum
 Crataegus spp. [1]
 Calocedrus decurrens
 Robinia spp. [1]

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Loquat	Eriobotrya spp. [1]
Olive	Olea europaea
Osage orange	Maclura pomifera
Peach and nectarine	Prunus perica
Pecan	Carya illinoensis
Persimmon	Ciospyros spp. [1]
Pine [3]	Pinus spp. [1]
Plum and prune, edible	Prunus domestica, salicina
Pomegranate, edible	Punica granatum
Quince, edible	Cydonia oblonga
Russian olive	Elaegnus augustifolia
Salt Cedar	Tamarisk gallica
Tree of heaven	Ailanthus altissima
Walnut	Juglans spp. [1]
GROUND COVER AND MISCELLANEOUS	
Bamboo	Bambusa spp. [1]
Blackberry / Raspberry	Rubus spp. [1]
Broom	Cytisus spp. [1]
Cactus	Cactaceae spp. [1]
Century Plant	Agave americana
False Bamboo, Common Reed	Phragmites communis
Freeway Iceplant	Carpobrotus spp. [1]
Honeysuckle	Lonicera spp. [1]
<i>Ice Plant, Rosea per BALMD</i>	Drosanthemum floribundum
<i>Ice Plant, trailing per BALMD</i>	Lampranthus, spectabilis
Ivy, Algerian	Hedera canariensis
Ivy, English except miniature or dwarf varieties	Hederal helix
Pampas grass	Cortaderia selloana
Periwinkle	Vinca spp. [1]
Perla Grass	Phalaris tuberosa var. hirtiglumis
Rose	Rosa spp. [1]

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