APPENDIX IV

APPROVED PLANT LIST

This plant list is provided as a suggested, but not exclusive, guideline for Fuel Modification and Firewise Landscapes within Los Angeles County. Plants not listed (grasses, annuals etc.) may be used if approved on the Landscape Plan. Any conflicts with other County or local ordinances need to be worked out prior to plan approval. Plants approved on any given plan are for that specific species, in that approved location. Moving plants to other areas of the site, or increasing the number of plants may result in the need for an additional submittal and approval.

The plant list is arranged by plant type and includes categories for the acceptable Fuel Modification Zone, water needs, size, and appropriate geographical area for planting. A comment code is included to assist in plant selection and maintenance requirements.

DESIRABLE QUALITIES FOR LANDSCAPE PLANTS

- Ability to store water in leaves or stems.
- Produces limited dead and fine material.
- Extensive, deep root systems for controlling erosion.
- Not considered invasive.
- Ability to withstand drought.
- Prostrate or prone in form.
- Ability to withstand severe pruning.
- Low levels of volatile oils or resins.
- Ability to resprout after a fire.
- Minimal maintenance requirements.

PLANT LIST LEGEND

GEOGRAPHICAL AREA	WATER NEEDS	EVERGREEN/DECIDUOUS
C-Coastal	H-High	E-Evergreen
IV-Interior Valley	M-Moderate	D-Deciduous
D-Deserts	L-Low	E/D-Partly or Summer Deciduous
	VL-Very Low	

ZONES AND DISTANCE AWAY FROM STRUCTURES

A letter under the zone column corresponds to the appropriate zone location for that particular plant. A number on the list denotes the minimum distance allowed from any structure. Example: "A, B-15" would indicate the plant could be planted in Zone A, but should be planted no closer than 15' from a structure. If just the letter B is present, this plant would typically be appropriate for planting anywhere within Zone B.

Trees should typically be planted no closer than one half their expected mature spread away from structures and roads or driveways that are the access routes for emergency vehicles. Example: If a particular species of tree potentially reaches 30' in diameter, it should be planted no closer than 15'.

Zone A: Setback Zone – normally extends to 20' but sometimes up to 50' from structures.
Zone B: Irrigated/Transition Zone – extends from the edge of Zone A up to 100' from structures. Irrigated areas extending past 100', such as manufactured slopes, will need to meet the spacing and planting requirements for this zone in most cases.
Zone C: Thinning Zone – thinned native vegetation extending up to 200' from structure.

PLANT LIST COMMENT CODE

1. Not for use in coastal areas.
2. Should not be used on steep slopes.
3. May be damaged by frost.
4. Should be thinned bi-annually to remove dead or unwanted growth.
5. Good for erosion control.
6. Grows best in well drained soils.
7. Produces flowers or fruit that attracts birds and/or butterflies
8. Adaptability can vary.
9. Can be used as a lawn substitute.
10. Showy flowers.
11. Produces edible fruit.
12. Native or native cultivar.
13. Tends to be short lived.
14. High fire resistance.
15. Dead fronds or leaves need to be removed to maintain fire safety.
16. Tolerant of heavy pruning.
17. Must be cut back after flowering.
18. May require partial shade in desert or valley areas.
19. Perennial.
20. Tolerates saline soils.
21. Grows naturally in riparian areas.
22. Good tree for lawns.
23. Produces habitat or food for wildlife.

X. May be invasive in some areas.

The desirable planting list is based on comments from numerous professionals and public agencies. These resources included the Sunset Western Garden Book, Bob Perry's Landscape Plants for Western Regions, and the California Department of Water Resources study entitled, WUCOLS (Water Use Classification of Landscape Species).

GROUNDCOVERS – REVISED 7/2011

Groundcovers in Zone A, especially woody species, should be maintained at a height of 6 inches or less in Zone A and flat areas of Zone B.
Groundcovers on slopes in Zone B within 50 feet of the structure shall be maintained at a height of 12 inches or less.
Groundcovers on slopes in Zone B outside of 50 feet from the structure should be maintained at a height of 18 inches or less.

BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
Abelia grandiflora 'Prostrata'	Prostrate Glossy Abelia	B	M	1 - 2'	3 - 4'	E	C,IV - 3
Acacia redolens 'desert carpet'	Desert Carpet Acacia	B-30	L	2'	10-15'	E	C,IV,D-3,5,6,10
A. r. 'Low Boy'	Low Boy Acacia	B-30	L	3'	10-15'	E	C,IV,D-3,5,6,10
Achillea tomentosa	Woolly Yarrow	A,B	L	6 - 10"	6 - 12"	E	C,IV - 7,9,19
Aeonium species	NCN	A,B	L	varies	varies	E	C,IV-2,3,8,14
Ajuga reptans	Carpet Bugle	A,B	H	4 - 6"	2 - 4"	E	C,IV - 2,18,19
Arctostaphylos edmundsii	Little Sur Manzanita	B-30	L,VL	1 - 2'+	4 - 6'	E	C,IV - 4,6,12
A. 'Emerald Carpet'	Emerald Carpet Manzanita	B	L,VL	1'	4 - 6'	E	C,IV - 4,6,12
A. hookeri 'Monterey Carpet"	Monterey Manzanita	B	L	1-2'	8-12'	E	C,IV-6,7,12,23
A. 'Pacific Mist'	NCN	B	L	1-2'	8-10'	E	C,IV-6,7,12,23
A. uva-ursi	Bearberry	B	L	6-12"+	10-15'	E	C,IV-5,6,7,12,23
Artemisia californica 'cultivars'	Sagebrush - Prostrate Forms	B-30	L,VL	varies	varies	E	C,IV,D - 4,6,8,12,23
A. caucasica	Silver Spreader	A,B	L,VL	3-6"	2'	E	C,IV,D-4,6,12
Baccharis pilularis 'Pigeon Point'	Dwarf Coyote Brush	B	L,VL	12-24"	-6'	E	C,IV,D-4,5,12
B.p. 'Twin Peaks'	Dwarf Coyote Brush	B	L,VL	12-24"	-6'	E	C,IV,D-4,5,12
Ceanothus gloriosus	Point Reyes Ceanothus	B	L	1-2'	12-16'	E	C-6,7,10,12
Cerastium tomentosum	Snow-In-Summer	A,B	M,L	6-8"	2-3'	E	C,IV,D-10,14,19
Chamaemelum nobile	Chamomile	A,B	M	6-8"	-12"	E	C,IV,D-9,16,19
Cistus salviifolius	Sageleaf Rockrose	B	L,VL	1-2'	6'	E	C,IV,D-4,5,6,7,10,16,20
C. 'Sunset'	Rockrose	B	L,VL	1-2'	6-8'	E	C,IV,D-4,5,6,7,10,16,20
C. 'Warley rose'	Rockrose	B	L,VL	1'	4'	E	C,IV,D-4,5,6,7,10,16,20
Coprosma kirkii	NCN	B	M,L	-2'	6-8'	E	C,IV-3,4,5,8,18,20
Coreopsis auriculata 'Nana'	NCN	A,B	L,VL	5-8"	-2'	E/D	C,IV-3,8,19
Cotoneaster adpressus praecox	Cotoneaster	B	M,L	-18"	-6'	D	C,IV,D-2
C. salicifolius 'Emerald Carpet'	Prostrate Willowleaf Contoneaster	B	M,L	12-15"	-8'	E	C,IV,D-4
Dalea greggii	Trailing Indigo Bush	B	L,VL	12-18"	5-10'	E	IV,D - 6
Delosperma alba	White Training Ice Plant	A,B	L	-12"	2'	E	C,IV-10
Dichondra micrantha	Dichondra	A,B	H,M	-6"	-2'	E	C,IV-9,14,18
Drosanthemum floribundum	Rosea Ice Plant	A,B	L	-12"	1'-2'	E	C,IV-3,5,10
Duchesnea indica	Indian Mock Strawberry	A,B	L	-8"	-4'	E	C,IV,D-11,16,19
Dymondia margaretae	NCN	A,B	M,L	-3"	12-24"	E	C,IV-3,8
Erigeron glaucus	Seaside Daisy	A,B	M,L	10-12"	-2'	E	C,IV-3,6,8,10,12,18,19,20
E. karvinskianus	Santa Barbara Daisy	B	M,L	10-20"	-3'	E	C,IV-3,6,8,10,12,18,19,20
Euonymus fortunei 'Colorata'	Purple-Leaf Winter Creeper	B	M	1-2'	-6'	E	IV-1,5,8,16
Festuca glauca (cinerea)	Blue Fescue	A,B	M,L	-12"	-2'	E	C,IV,D-4
F. rubra	Red Fescue	A,B	M,L	-16"	-30"	E	C,IV,D-4,9
Fragaria chiloensis	Wild Strawberrry	A,B	L,VL	6-12"	-24"	E	C,IV,D-4,10,11,12,14,20
Gazania Hybrids	Trailing Gazania	A,B	M,L	6-10"	-24"	E	C,IV,D-10,19,X
Geranium incanum	Cranesbill	A,B	M,L	-12"	2'	E	C,IV-4,10,19,X
Glechoma hederacea	Ground Ivy	A,B	M	3-6"	-18"	E/D	C,IV,D-8,19
Helianthemum nummularium	Sunrose	A,B	M	6-8"	-3'	E	C,IV,D - 6,10
Herniaria glabra	Green Carpet	A,B	M	2-3"	16"	E	C,IV,D-6,8,9,19
Heuchera Species	Coral Bells	A,B	M,L	6"-2'	2'	E/D	C,IV,D-6,7,8,10,12,15,18,19
Hypericum calycinum	Aaron's Beard	B	M,L	6-12"	-3'	E	C,IV,D-4,5,7,16

GROUNDCOVERS – page 2

BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
H. coris	St. Johnswort	B	M,L	6-12"	-2'	E	C,IV,D-4,5,7,16
Iberis sempervirens	Evergreen Candytuft	A,B	M	6-12"	-6-12"	E	C,IV,D-10,19
Iva hayesiana	Poverty Weed	B-30	L,VL	2-3'	4-5'	E	C,IV,D-4,5,12,16,23
Juniperus conferta & cultivars	Shore Juniper	B	L	1'	6-8'	E	C,IV,D-5,8,20
J. horizontalis & cultivars		B	L	1'	6-8'	E	C,IV,D-5,8,20
Laurentia fluviatilis	Blue Star Creeper	A	M	2-4"	6-12"	E	C,IV-8,19
Lysimachia nummularia	Moneywort	A	H,M	2-6"	-2'	E	C,IV -18,19
Liriope spicata	Creeping Lily Turf	A,B	M	12"	3'	E	C,IV,D-14,18
Mahonia aquifolium 'Compacta"	Compact Oregon Grape	B	M.L	1-2'	2-3'	E	C,IV-4,7,12,18,23
M. repens	Creeping Mahonia	B	M,L	2-3'	2-3'	E	C,IV-4,7,12,18,23
Myoporum 'Pacificum'	Pacific Myoporum	B	M,L	2-3'	-30'	E	C,IV-1,4,5,16
M. parvifolium	NCN	A,B	M,L	-6"	9'	E	C,IV-3,5,
M. p. 'Putah Creek'	NCN	B	M,L	1'	8'	E	C,IV-3,5,
Oenothera berlandieri	Mexican Evening Primrose	B	L,VL	10-12"	4'	E	IV,D-1,4,7,10,17,19
O. stubbei	Baja Evening Primrose	A,B	L,VL	5"	2'	E	IV,D-7,12,19
Ophiopogon japonicus	Mondo Grass	A,B	M	8-12"	12-24"	E	C,IV-14,18
Pelargonium peltatum	Ivy Geranium	A,B	M	-2'	-4'	E	IV - 1,3,7,10,19
P. tomentosum	Silver Spreader	A,B	M	-18"	2-4'	E	IV-1,3,7,10,19
Persicaria capitata	Pink Clover	A,B	M,L	-18"	3'	E	IV,D -1,10,19,X
Phyla nodiflora (Lippia repens)	Lippia	A,B	M,L	2-15"	-3'	E/D	C,IV,D-9,16,19
Potentilla tabernaemontani	Spring Cinquefoil	A,B	M,L	2-6"	-12"	E	C,IV,D-9,10,19
Ribes viburnifolium	Catalina Perfume	B	L,VL	-3'	-3'	E	C,IV - 12,18,23
Rosmarinus officinalis							
R.o. 'Huntington Carpet (Blue)'	NCN	B-30	L	-18"	-4'	E	C,IV,D - 4,5,16
R.o. 'Prostratus'	Prostrate Rosemary	B-30	L	-24"	-6'	E	C,IV,D - 4,5,16
Salvia sonomensis	Creeping Sage	B	L	8-12"	3-4'	E	C,IV-6,12,13,23
Scaevola 'Mauve Clusters'	NCN	A,B	M,L	4-6"	3-4'	E	C,IV - 6,18,19
Sedum species	Stonecrops	A,B	L,VL	varies	varies	E	C,IV - 2,8,14
Senecio mandraliscae	Chalksticks	A,B	M,L	-18"	-5'	E	C,IV - 3,14,19
S. serpens	Blue Chalksticks	A,B	M,L	-12"	-3'	E	C,IV-3,14,19
Soleirolia soleirolii	Baby's Tears	A	H,M	3-6"	-18"	E	C,IV - 3,14,18,19
Teucrium cossonii majoricum	NCN	A,B	L	8"	-2'	E	C,IV - 6,10
T. X lucidrys 'Prostratum'	Prostrate Germander	A,B	M,L	4-6"	-3'	E	C,IV,D - 4,16
Thymus praecox arcticus	Mother of Thyme	A,B	M,L	2-6"	-18"	E	C,IV,D - 8
T. pseudolanuginosus	Woolly Thyme	A,B	M,L	2-3"	-12"	E	C,IV,D - 8
Trachelospermum jasminoides	Star Jasmine	A,B	M,L	-2'	4-5'	E	C,IV,D - 5,7,10,16
Trifolium fragiferum	White Clover	A,B	M,L	6-15"	-6'	E	C,IV,D-5,9,16,19
Verbena X hybrida	Garden Verbena	A,B	L,VL	6-12"	1 1/2-3'	E	C,IV,D - 3,7,10,13
V. peruviana	NCN	A,B	L,VL	-8"	-2'	E	C,IV,D - 7, 10
V. pulchella gracilior	Moss Verbena	A,B	L,VL	12-15"	2-3'	E	C,IV,D-8,10,19
Vinca minor	Dwarf Periwinkle	A,B	M,L	12"	3'	E	IV,D - 1,5,16,18, X
Wedelia trilobata	Wedelia	B	M,L	1-2'	4-6'	E	C,IV- 3,16, 20
Zoysia tenuifolia	Korean Grass	A	M,L	-6"	-18"	E	C,IV,D - 9

SHRUBS - REVISED 7/2011

BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
Abelia grandiflora	Glossy Abelia	A,B-10	M	8'	8'	E	C,IV,D - 4, 10
A. g. 'Prostrata'	Prostrate Glossy Abelia	A,B-5	M	2'	4'	E/D	C,IV,D - 10
Abutilon hybridum	Flowering Maple, Chinese Lantern	A,B-10	M	10'	10'	E	C,IV - 4
Acanthus mollis	Bear's Breech	A,B	H,M	-4'	4-6'	E/D	C,IV,D-3,8,14,16,17,18,19
Achillea filipendulina	Fernleaf Yarrow	A,B	L,VL	4-5'	2'	E	C,IV,D - 10,16,17,19
A. millefolium	Common Yarrow	A,B	L,VL	-3'	2'	E	C,IV,D - 10,16,17,19
Aeonium species	NCN	A,B	L	varies	varies	E	C,IV - 3,8,14
Agapanthus species	Lily-Of-The-Nile	A,B	M	varies	varies	E/D	C,IV - 3,4,7,10,14,19
Agave species	Agave	A,B	L,VL	varies	varies	E	C,IV,D - 3,10,14,17
Alocasia macrorrhiza	Elephant's Ear	A,B	H	5'	8'	E/D	C,IV - 3,14,18,19
Aloe species	Aloe	A,B	L,VL	varies	varies	E	C,IV, - 3,7,8,14,15
Alyogyne huegelii	Blue Hibiscus	A,B-5	M,L	5-8'	6'	E	C,IV - 3,4,10
Anigozanthos flavidus	Kangaroo Paw	A,B	M,L	3-5'	3'	E	C,IV - 3,6,7,10,19
A. manqlesii	NCN	A,B	M,L	3'	-3'	E	C,IV - 3,6,7,19
Arbutus unedo 'Compacta'	Dwarf Strawberry Tree	A,B-5	M,L	6-8'	-8'	E	C,IV,D-5,7,11,18,23
A.u. 'Elfin King'	Elfin King	A,B-5	M,L	3-5'	-6'	E	C,IV,D - 5,7,11,18,23
A.u. 'Oktoberfest'	NCN	A,B-5	M,L	6-8'	-8'	E	C,IV,D-5,7,11,18,23
Arctostaphylos species	Manzanita	B	L,VL	varies	varies	E	C,IV,D - 4,6,7,10,12
Artemisia 'Powis Castle'	NCN	B	L,VL	-3'	6'	E	C,IV - 4,6,12,23
A. stelleriana	Beach Worm Wood	B	L,VL	-3'	-3'	E	C,IV - 4,6,12,19,23
Aspidistra elatior	Cast-Iron Plant	A,B	M,L	-30"	-3'	E	C,IV -3,18
Aucuba japonica	Japanese Aucuba, Gold Dust Plant	A,B-5	M,L	6-15'	6-15'	E	C,IV,D - 18
Baccharis species	Various	B	L,VL	varies	varies	E	C,IV,D-4,5,6,12,21,23
Begonia species	Begonia	A,B	H,M	varies	varies	E	C,IV - 3,8,10,14,18
Berberis thunbergii	Japanese Barberry	B	M,L	4-6'	4-6'	D	C,IV,D - 4
B. thunbergii 'cultivars'		A,B	M,L	varies	varies	D	C,IV,D - 4
Bergenia crassifolia	Winter Blooming Bergenia	A,B	M,L	-20"	-20"	E	C,IV - 3,18,19
Bougainvillea sp.	Bougainvillea	B	L	varies	varies	E/D	C,IV - 3,4,10
Buddleja davidii	Butterfly Bush	B	M,L	-10'	-12'	E/D	C,IV,D - 7,10,16,17,X
Buxus microphylla japonica	Japanese Boxwood	A,B-5	M,L	4-6'	4-6'	E	C,IV,D -16
B.m. koreana	Korean Boxwood	A,B-5	M,L	4-6'	4-6'	E	C,IV,D -16
Caesalpinia gilliesii	Bird of Paradise Bush	A,B	L,VL	-10'	-10'	E/D	C,IV,D - 7,10
C. mexicana	Mexican Bird of Paradise	A,B	L,VL	10-12'	-15'	E/D	C,IV,D - 7,10
C. pulcherrima	Red Bird of Paradise	A,B	L,VL	-10'	-10	E/D	C,IV,D - 7,10
Calliandra californica	Baja Fairy Duster	B	L,VL	-8'	4-12'	E/D	C,IV,D -4,6,7,10,12
C. eriophylla	Fary Duster	B	L,VL	-3'	4-5'	E/D	C,IV,D -4,6,7,10,12
Callistemon citrinus'compacta'	Bottlebrush	B	L,VL	8'	8'	E	C,IV,D-5,7,10,20
C. viminalis "Little John"	NCN	A,B-10	L	5'	8	E	C,IV,D-5,7,10,20
Calycanthus occidentalis	Spice Bush	B	M,L	4-12'	-5'	D	C,IV-12,18
Carissa macrocarpa (grandiflora)	Natal Plum	A,B-10	M,L	7+	7+	E	C,IV - 4,11,16
C. m. 'cultivars'	Natal Plum	A,B-10	M,L	varies	varies	E	C,IV - 4,11,16
Carpenteria californica	Bush Anemone	A,B-10	L,VL	6-8'	6-8'	E	C,IV - 6,7,10,12
Cassia (Senna) artemisioides	Feathery Cassia	A,B-10	L,VL	3-6'	-6'	E	C,IV,D - 10,
Ceanothus species	Wild Lilac	B-30	L,VL	varies	varies	E/D	C,IV,D - 4,6,7,10,12,23
Cercocarpus betuloides	Mountain Mahogany	B-30	L,VL	5-12'	-10'	E	C,IV,D - 4,6,12,23
Choisya ternata	Mexican orange	B	M	6-8'	-8'	E	C,IV - 10,18

SHRUBS – page 2

BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
Cistus species	Rockrose	A,B-10	L,VL	varies	varies	E	CiIV,D - 4,5,6,10,17,20,X
Clivia miniata	Clivia	A,B	H,M	2'	2'	E	C,IV - 3,10,14,18,19
Colocasia esculenta (caladium)	Taro, Elephant's Ear	A,B	H	-6'	-6'	E/D	C,IV - 3,14,18,19
Comarostaphylis diversifolia	Summer Holly	B	L,VL	6-10'+	6-8'+	E	C,IV,D-6,7,12,18.23
Convolvulus cneorum	Bush Morning Glory	B	L	2-4'	2-4'	E	C,IV,D-6,10
Coprosma petriei (pumila)	NCN	B	M	-3'	8'	E	IV - 1,4,16,20
C. repens	Mirror Plant	B	M	-10'	-6'	E	IV - 1,4,16,20
Cotoneaster species & cultivars	Cotoneaster	B	M,L	varies	varies	E/D	C,IV,D - 4,10,16,X
Cotyledon species	NCN	A,B	L	1-3'	1-3'	E	C,IV - 3,8,14
Crassula species	NCN	A,B	L	1-9'	1-9'	E	C,IV - 3,8,14,X
Cuphea hyssopifolia	False Heather	A,B	M	2'	3'	E	V,IV - 3,7,10,
Cycas revoluta	Sago Palm	A,B	M	8'	10'	E	C,IV,D - 3,8,15,18
Cyrtomium falcatum	Holly Fern	A,B	H,M	2-3'	3-4'	E	C,IV - 15
Dasylirion longissimum	Mexican Grass Tree	A,B-10	L,VL	-10'	8'	E	C,IV,D-15
D. wheeleri	Sotol	A,B-10	L,VL	-6'	-6'	E	C,IV,D-15
Dendromecon harfordii	Island Bush Poppy	B	L,VL	8-20'	10-20'	E	C,IV - 5,10,12,23
Dietes bicolor	Fortnight Lily, African Iris	A,B	M,L	2-3'	2-3'	E	C,IV,D - 4,10,15,19
Dietes iridioides	Fortnight Lily, African Iris	A,B	M,L	3'	3'	E	C,IV,D - 4,10,15,19
Dodonaea viscosa	Hopseed Bush	B	M,L	12-18'	10+	E	C,IV,D - 3,4
D. v. 'Purpurea'	Purple Hopseed Bush	B	M,L	12-18'	10+	E	C,IV,D - 3,4
Elaeagnus pungens & cultivars	Silverberry	B	M,L	6-15'	6-15'	E	C,IV,D - 16
Encelia californica	Coast Sunflower	A,B-10	L,VL	3-5'	3-5'	E/D	C,IV-5,6,10,4,17
E. farinosa	Brittle Bush	B	L,VL	3-5	3-5	E/D	C,IV,D - 4,5,6,10,12,17
Eriogonum giganteum	St. Catherine's Lace	B	L,VL	- 8'	- 8'	E	C,IV - 4,6,10,12,19,20
Escallonia species	Escallonia	A,B-5	M,L	2-15'	2-10'	E	C,IV - 4,10,16
Euonymus japonica & cultivars	Evergreen Euonymus	A,B	M	2-10'	-6'	E	C,IV,D - 4,16
Euphorbia species	Varies	A,B	M,L,VL	varies	varies	E/D	C,IV - 1(varies),3,6,8,10,14,18
Euryops pectinatus	NCN	A,B	M,L	6'	6'	E	C,IV,D - 3,4,6,7,10
Fatsia japonica	Japanese Aralia	A,B	M	5-12'	6-10'	E	C,IV - 15,18
Fouquieria splendens	Ocotillo	A,B	VL	8-25'	8-15'	E	IV,D - 6,10,12
Fremontodendron species & cultivars	Flannel Bush	B	L,VL	5-20'	-15'	E	C,IV,D - 4,6,10,12
Gardenia augusta (jasminoides)	Gardenia	A,B	H	3-6'	3-5'	E	C,IV - 10,18
Garrya elliptica	Coast Silktassel	B	M,L	4-8'	4-8'	E	C,IV,D - 4,5,7,10,12
Grevillea species & cultivars	Grevillea	B	L,VL	varies	varies	E	C,IV,D - 3,4,5,7,8,10
Grewia occidentalis	Lavender Starflower	A,B-10	M	6-10'	6-10'	E	C,IV,D - 4
Hakea suaveolens	Sweet Hakea	B	L	10-20'	-15'	E	C,IV - 4,8
Hebe species & cultivars	Hebe	A,B-10	M	3-6'	3-6'	E	C,IV - 4,5,7,10,16
Helictotrichon sempervirens	Blue Oat Grass	A,B-15	M	2-3'	2-3'	E/D	C,IV,D - 15,19
Hemerocallis hybrids	Daylily	A,B	M,L	1-6'	2-6'	E/D	C,IV,D - 7,10,17,19
Hesperaloe parviflora	Red Yucca	A,B	VL	3-4'	4-6'	E	IV,D - 6,7,15,19
Heuchera Species	Coral Bells	A,B	M,L	6"-2'	2'	E/D	C,IV,D-6,7,8,10,12,15,18,19
Hibiscus rosa - sinensis	Chinese Hibiscus	A,B-5	M	-15'	-12'	E	C,IV - 3,4,7,10,18
Ilex species	Holly	B	M	varies	varies	E	C,IV,D - 7,16,X
Iris species & varities/cultivars	Bearded Iris	A,B	M	-30"	-2'	E	C,IV,D - 10,19,X
I.douglasiana	Douglas Iris	A,B	M,L	-2'	-2'	E	C,IV - 10,12,18,19
Juniperus species	Juniper	B	M,L,VL	varies	varies	E	C,IV,D - 4, 7, 23

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BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
Justicia brandegeeana	Shrimp Plant	A,B	M	-3'	-4'	E	C,IV,D - 4,7,10
J. californica	Chuparosa	B	L,VL	2-5'	-4'	D	IV,D - 4,6,7,10,12
Keckiella cordifolia	Heart-Leaved Penstemon	B	L,VL	5-6'	8-10'	E/D	C,IV-4,7,12
Kniphofia uvaria	Red-Hot Poker	A,B	L	2-3'	3-4'	E	C,IV,D-3,7,10,19,X
Lantana Camara & hybrids	Lantana	A,B-10	M	varies	varies	E	C,IV,D - 4,7,10,X
Larrea tridentata	Creosote Bush	B	VL	4-8'	4-8'	E	IV,D-6,12,23
Lavandula angustifolia	English Lavender	A,B-10	L	3-4'	3-4'	E	C,IV,D-4,6,7,10,17
L. dentata	French Lavender	A,B-10	L	3'	3'	E	C,IV,D-4,6,7,10,17
L. intermedia	Lavandin	A,B	L	1-2'	2-3'	E	C,V,D-4,6,7,10,17
L. stoechas	Spanish Lavender	A,B-10	L	2-3'	3'	E	C,IV,D-4,6,7,10,17
Lavatera assurgentiflora	California Tree Mallow	B	L,VL	8-12'	8-12'	E	C,IV- 4,5,6,7,12,16,20
L. maritima	Tree Mallow	A,B-10	M,L	8-12'	8-12'	E	C,IV- 4,7,8,10,18
Leonotis leonurus	Lion's Tail	A,B-10	L	3-6'	4-6'	E	C,IV,D-3,7,10,17
Leptospermum scoparium & varities	New Zealand Tea Tree	A,B-15	L,VL	10+	10+	E	C,IV-5,10,16
L. s. varities	NCN	Varies	M-VL	varies	varies	E	C,IV-5,10,16
Leucophyllum candidum	Violet Silverleaf	A,B-10	L,VL	4-5'	4-5'	E	IV,D-4,6,7,10
L. frutescens	Texas Ranger	B	L,VL	6-8'	6-8'	E	IV,D-4,6,7,10
L. laevigatum	Chihuahuan Sage	A,B-5	L,VL	3-4'	4-5'	E	IV,D-4,6,7,10
Ligustrum japonicum	Wax-leaf Privet	A,B-10	M,L	10-12'	10	E	C,IV,D-7,10,15,X
Lirope muscari	Big Blue Lily Turf	A,B	M	18"	2-3'	E	C,IV,D-14,18
Lobelia laxiflora	Mexican Bush Lobelia	A,B-5	M,L	2-3'	4-6'	E	C,IV,D-4,7,10,19,X
Lupinus species	Lupine	B	L,VL	varies	varies	E/D	C,IV,D-4,6,7,10,12,17
Mahonia aquifolium	Oregon Grape	A,B-10	M,L	6-8'	6-8'	E	IV,D-4,6,11,12,18,23
Mahonia a. 'Compacta"	Compact Oregon Grape	A,B	M.L	1-2'	2-3'	E	C,IV-4,7,12,18,23
M. fremontii	Desert Mahonia	B	L	3-12'	4-8'	E	C,IV,D-4,6,10,11,12,23
M. 'Golden Abundance'	NCN	A,B-5	M,L	5-6'	6'	E	IV,D-4,6,10,11,12,18,23
M. lomariifolia	Venetian Blind Mahonia	A,B	M,L	6-10'	6-10'	E	C,IV,D-4,6,7,11,15,18,23
M. nevinii	Nevin Mahonia	B-30	L	3-10'	6-12'	E	C,IV,D-4,6,10,11,12,23
M. pinnata	California Holly Grape	B	M,L	4-5'	4-6'	E	C,IV-4,6,7,10,11,12,18,23
M. repens	Creeping Mahonia	A,B	M,L	2-3'	2-3'	E	C,IV-4,7,12,18,23
Malosma - See Rhus							
Malva species	Mallow	A,B	L	varies	varies	E/D	C,IV,D-6,7,10,13
Melaleuca nesophila	Pink Melaleuca	A,B-10	L,VL	10-20'	10-20	E	C,IV - 4,5,7,10,16
Mimulus species (Diplacus)	Monkey Flower	B	L	1-4'	1-4'	E	C,IV,D-4,6,7,10,12
Muhlenbergia rigens	Deer Grass	A,B-10	L,VL	4'	4'	D	C,IV,D- 12,15,17,19
Myrica californica	Pacific Wax Myrtle	B	M,L	10-15'+	10-15'+	E	C,IV - 4,5,7,12,20,23
Myrsine africana	African Boxwood	A,B-5	M	3-8'	3-8'	E	C,IV,D - 16,18
Myrtus communis 'compacta'	Dwarf Myrtle	A,B-10	M	5-8'	5-8'	E	C,IV,D-16
Nandina domestica	Heavenly Bamboo	A,B	M	6-8'	4-5'	E	C,IV,D-4,15
N.d. 'Compacta'	NCN	A,B	M	4-5'	3-4'	E	C,IV,D-4,15
N. d. 'Harbour Dwarf'	Dwarf Heavenly Bamboo	A,B	M,L	1 1/2 -2'	2-3'	E	C,IV,D-15
Nerium oleander	Oleander	B	M,L	8-20'	10-20'	E	C,IV,D-10,16,X
N.o. 'Petite Salmon'	NCN	A,B-10	M	3-4'	5-7'	E	C,IV-3,10,16
Opuntia species	Prickly Pear, Cholla etc.	A,B	L,VL	varies	varies	E	C,IV,D-8,12,14,23
Pelargonium species	Geranium	A,B	M,L	varies	varies	E	C,IV-3,10,19,X
Penstemon species	Beard Tongue	A,B	L	varies	varies	E/D	C,IV,D-7,10,12,17,19

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BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
Phlomis fruticosa	Jerusalem Sage	A,B	M,L	3-4'	3-5'	E	C,IV,D-6,7,10,17,19
Phoenix roebelenii	Pygmy Date Palm	A,B	M,L	6-10'	6-10'	E	C,IV - 3,15,18
Phormium tenax	New Zealand Flax	A,B	M	5-9'	6'	E	C,IV,D-4,15,19
P.t 'cultivars'	NCN	A,B	M	varies	varies	E	C,IV,D-4,15,19
Photinia fraseri	Photinia	B	M,L	10-15'	10-20'	E	C,IV,D-4,7,10,16
Pittosporum tobira	Tobira	A,B-10	M,L	6-15'+	8-15'	E	C,IV,D-5,16
P.t.'Variegata'	NCN	A,B-5	M	5-8'	6-8'	E	C,IV,D-5,16
P.t.'Wheeler's Dwarf'	Dwarf Pittosporum	A,B	M	1-3'	2-4'	E	C,IV,D-16
Portulacaria afra	Elephant's Food	A,B	L	5-12'	6-12'	E	C,IV-3,14
Punica granatum 'Nana'	Dwarf Pomegranate	A,B	L	3'	4'	D	C,IV,D-7,11,20
Pyracantha species	Firethorn	B	M	varies	varies	E/D	C,IV,D-4,16,X
Rhamnus california	Coffeeberry	B	M,L	3-15'	4-15'	E/D	C,IV,D-12,21,23
R. crocea	Redberry	B	M,L	2-3'	3'	E	IV-5,12,23
R.c. ilicifolia	Hollyleaf Redberry	B	M,L	3-15'	3-15'	E	IV-5,12,23
Rhaphiolepis indica	India Hawthorn	A,B-5	M,L	4-8'	4-8'	E	C,IV,D-4,5,10
R.i 'cultivars'	NCN	A,B	M,L	varies	varies	E	C,IV,D-5,10
Rhus integrifolia	Lemonade Berry	B-40	L	3-10'+	6-20'	E	C,IV-4,5,12,23
R.(Molosma) laurina	Laurel Sumac	B-40	L	6-15'+	6-15'	E	C,IV-4,5,12,23
R. ovata	Sugar Bush	B-30	L	3-15'	6-15'	E	C,IV,D-4,5,12,23
Ribes aureum	Golden Currant	A,B-5	L	3-6'	3-6'	D	C,IV,D-7,10,12,23
R. malvaceum	Chaparral Currant	A,B-5	L	6-8'	6-8"	D	IV-7,10,12,23
R. sanguineum & cultivars	Red Flowering Currant	A,B-5	M,L	4-12'	4-8'	D	C,IV,D-7,10,12,23
R. speciosum	Fuchsia-Flowering Gooseberry	A,B-10	L	3-6'	3-6'	D	C,IV,D-4,7,10,12,23
R. viburnifolium	Catalina Perfume	A,B-10	L	3'	12'	E	C,IV-7,10,12,23
Romneya coulteri	Matilija Poppy	B	L	-8'	4'	D	C,IV,D-5,6,10,12,17
Rosa species	Rose	A,B	M	varies	varies	E/D	C,IV,D-10,16,17
Rosmarinus officinalis & cultivars	Rosemary	B	M,L	varies	varies	E	C,IV,D- 4, 5, 7
Salvia species - native varieties	Sage	B	L,VL	varies	varies	E/D	C,IV,D-4,7,10,12,17,23
Salvia species - ornamental varieties	Sage	A,B	M,L	varies	varies	E/D	C,IV,D-4,7,10,17,23
S. greggii	Autumn Sage	A,B	M,L	3-4'	3-4'	E	C,IV,D - 4,7,10
S. leucantha	Mexican Bush Sage	A,B	L,VL	3-4'	4-6'	E	C,IV- 7, 10,17
Santolina chamaecyparissus	Lavender Cotton	A,B	L	-24"	-3'	E	C,IV,D - 10
S. rosmarinifolia (virens)	Green Lavender Cotton	A,B	L	-24"	-3'	E	C,IV,D - 10
Simmondsia chinensis	Jojoba	B	L,VL	3-8'+	4-8'	E	C,IV,D-4,6,11,23
Strelitzia nicolai	Giant Bird of Paradise	A,B	M	-30'	-20'	E	C,IV-3,4,10,15,18
S. reginea	Bird of Paradise	A,B	M	5'	4'	E	C,IV-3,4,10,15,18
Tibouchina urvilleana	Princess Flower	A,B-10	M	5-18'	5-10'	E	C,IV -3,4, 6,10
Trichostema lanatum	Wooly Blue Curls	B	L,VL	3-5'	5'	E	C,IV,D-6,7,10,12,17
Tulbaghia violacea	Society Garlic	A,B	M	18'	2'	E/D	C,IV,D-3,10,19
Viburnum species	Viburnum	A,B-10	M	varies	varies	E/D	C,IV,D-3,7,10
Westringia fruticosa	Coast Rosemary	A,B-10	M,L	5-7'	6-12'	E	C,IV,D-4,6,18
Xylosma congestum	Shiny Xylosma	A,B-10	M,L	15'+	15'+	E	C,IV,D-5,16,18
X.c. 'Compacta'	Compact Xylosma	A,B-5	M,L	8-12'	8-12'	E	C,IV,D-5,16,18
Yucca species	Yucca	B	L,VL	varies	varies	E	C,IV,D - 6,10,15
Zantedeschia aethiopica	Calla Lilly	A,B	H,M	2-4'	3'	E/D	C,IV,D - 3,10,14,18,X

Zauschneria californica	California Fuchsia	B	L,VL	1-3'	3-5'	E/D	C,IVD-4,5,7,10,12,13,23

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BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
Acacia farnesiana	Sweet Acacia	A,B-15	L	15-20'	15-20'	D	IV,D-10,X
A. greggii	Catclaw Acacia	B	L,VL	15-25'	15-25'	E	IV,D-10,12,21,23
A. salicina	Willow Acacia	A,B-15	L	15-35'	12-25'	E	C,IV,D-10,X
A. smallii	NCN	A,B-15	L,VL	15-20'	15-20'	D	C,IV,D-10,12,21,23
A. stenophylla	Shoestring Acacia	A,B-15	M,L	20-45'	10-20'	E	C,IV,D-10,22,X
Acer macrophyllum	Bigleaf Maple	B	M	30-95'	30-95'	D	C,IV-12,21,23
A. negundo	Box Elder	B	M,L	-60'	-50'	D	C,IV,D-12,23
A. palmatum	Japanese Maple	A,B	M	-20'+	-20'	D	C,IV-6
A. saccharinum	Silver Maple	B-30	M	40-100'	40-100'	D	C,IV,D-22
Aesculus californica	California Buckeye	B	M,L	20+	30'	D	C,IV,D-6,7,10,12,23
Agonis flexuosa	Peppermint Tree	B	M,L	25-35'	25-35'	E	C,IV-3,22
Albizia julibrissin	Silk Tree	B	M	-40'	40'+	D	C,IV,D-7,10,22,X
Alnus cordata	Italian Alder	B	M	40'	25'	D	C,IV,D-22
A. rhombifolia	White Alder	B	H,M	50-90'	40'	D	IV-12,21,23
Arbutus 'Marina'	NCN	A,B-15	M.L	-40'	-40'	E	C,IV,D-5,7,10,11,23
A. unedo	Strawberry Tree	A,B-10	M,L	12-35'	20-35'	E	C,IV,D-5,7,10,11,23
Archontophoenix cunninghamiana	King Palm	A,B	M	50'	10-15'	E	C,IV-3,10,15
Bauhinia variegata	Purple Orchid Tree	B	M	20-35'	35'	E/D	C,IV-4,10
Betula pendula	European White Birch	A,B-10	M	30-40'	30'	D	C,IV,D-6,22
Brachychiton acerifolius	Flame Tree	B	L	60'	45-50'	D	C,IV,D-10,22
B. populneus	Kurrajong Bottle Tree	B	L	30-50'	30'	E	C,IV,D-10,22
Brahea armata	Blue Hesper Palm	A,B-10	L,VL	40'	10'	E	C,IV,D-6,10,15
B. edulis	Guadalupe Palm	A,B	L,VL	30'	10'	E	C,IV,D-6,15
Butia capitata	Pindo Palm	A,B-10	M,L	10-20'	10-15	E	C,IV,D-10,11,15
Callistemon citrinus	Lemon Bottlebrush	B	M,L	-25'	-15'	E	C,IV,D-4,7,10
C. viminalis	Weeping Bottlebrush	A,B-10	M,L	20-30'	-15'	E	C,IV-4,7,10,X
Calocedrus decurrens	Incense Cedar	B	L,VL	75+	30+	E	IV,D-6,12
Calodendrum capense	Cape Chestnut	B	M	30'	25-40'	D	C,IV-7,10
Carya illinoinensis	Pecan	B	M,L	70'	70'	D	C,IV,D-6,11
Cedrus deodara	Deodar Cedar	B-30	M,L	60-80'	40+	E	C,IV,D-6
Ceratonia siliqua	Carob	B-30	M,L	30-40'	40+	E	C,IV,D-6
Cercidium floridum	Blue Palo Verde	A,B	L,VL	30'	30'	D	IV,D-6,10,12,21,23
C. microphyllum	Littleleaf Palo Verde	A,B	L,VL	25'	25'	D	IV,D-6,7,10,12,21,23
Cercis occidentalis	Western Redbud	A,B-10	M,L	20'	20'	D	C,IV,D-7,10,12,23
Chamaerops humilis	Mediterranean Fan Palm	A,B	M	20'	20'	E	C,IV,D-15
Chilopsis linearis	Desert Willow	A,B-15	L	-35'	-35'	D	IV,D-6,7,10,12,23
Chionanthus retusus	Chinese Fringe Tree	A,B	M	20'	20'	D	C,IV-10
Chitalpa X tashkentensis	Chitalpa	A,B	M,L	20-30'	20-30'	D	C,IV,D-7,10,12
Chorisia speciosa	Floss Silk Tree	B	M	30-60'	30-40'	D	C,IV,D-10,22
Cinnamomum camphora	Camphor Tree	B-30	M,L	50'+	60'+	E	C,IV,D-22
Citrus species	Citrus	A,B	M	varies	varies	E	C,IV,D-3,6,10,11
Cocculus laurifolius	Laurel Leaf Snail Seed	B	M	25'	30'+	E	C,IV,D-4
Cordyline australis	Giant Dracaena	A,B	M	30'	15'	E	C,IV,D-15,X
Cupressus macrocarpa	Monterey Cypress	B-30	M	40'+	40'	E	C-6,12,23,X
Cyathea cooperi	Australian Tree Fern	A,B	M	20'	12'	E	C,IV-3,15,18
Dicksonia antarctica	Tazmanian Tree Fern	A,B	M	15'	12'	E	C,IV-15,18
Dracaena draco	Dragon Tree	A,B	M,L	20'	20'	E	C,IV-3,10,14,15
Eriobotrya deflexa	Bronze Loquat	A,B-10	M,L	20'	20'	E	C,IV,D-10
Erythrina species	Coral Tree	B	M,L	varies	varies	D	C,IV,D-3,7,8

Eucalyptus citriodora	Lemon-scented Gum	B	M,L	75-100'	-40'	E	C,IV,D-1,7,22

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BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-
E. maculata	Spotted Gum	B-30	M,L	60-80'	-40'	E	C,IV,D-1,7,22
E. nicholii	Willow Peppermint	B-30	M,L	-40'	-30'	E	C,IV,D-1,7,22
E. sideroxylon	Red Ironbark	B	M'L	35-80'	-35'	E	C,IV,D-1,7,10
E. torquata	Coral Gum	A,B-15	M,L	-25'	-20'	E	C,IV,D-1,6,7,10,20
Feijoa sellowiana	Pineapple Guava	A,B	M,L	18-25'	-25'	E	C,IV,D-3,7,8,10,11,16
Ficus species	Fig	B-	M,L	varies	varies	E,D	C,IV,D-3,*
Fraxinus augustifolia	Raywood Ash	B	M	25+35'	30'	D	C,IV,D-22
F. dipetala	Foothill Ash	B	L,VL	18-20'	20-30'	D	C,IV,D-12,21,22,23
F. latifolia	Oregon Ash	B	M	40-80'	40-60'	D	C,IV,D-12,22,23
F. velutina	Arizona Ash	B	M,L	20-50'	30-50'	D	C,IV,D-22,23
F.v. Coriacea	Montebello Ash	B	M,L	20-40'	20-40'	D	C,IV,D-12,22,23
Geijera parviflora	Australian Willow	A,B-15	M,L	25-30'	20-30'	E	C,IV,D-6
Ginkgo biloba	Maidenhair Tree	A,B-15	M,L	35-80'	30-60'	D	C,IV,D-6,22
Gleditsia triacanthos	Honey Locust	A,B-15	M,L	35-70'	-30'	D	C,IV,D-6,22,X
Grevillea robusta	Silk Oak	B	M	60'+	30'+	E	C,IV,D-3,7,10
Heteromeles arbutifolia	Toyon	A,B-15	L,VL	15-30'	15-30'	E	C,IV,D-5,7,10,12,23
Hymenosporum flavum	Sweetshade Tree	A,B	M,L	20-40'	15-20'	E	C,IV-10
Jacaranda mimosifolia	Jacaranda	B	M,L	25-40'	-30'	D	C,IV,D-10,22
Juglans californica	Southern California Black Walnut	B	L	20-35'	30-45'	D	C,IV,-5,6,12,23
Koelreuteria bipinnata	Chinese Flame Tree	B	M	20-40'	-45'	D	C,IV,D-6,22
K. paniculata	Golden Rain Tree	B	M,L	20-35'	-40'	D	C,IV,D-20,22,X
Lagerstroemia indica	Crape Myrtle	A,B	M,L	-30	-20	D	IV,D-10,22
Laurus nobilis	Sweet Bay	B	M	20-40'	20-40	E	C,IV-3,16
Leptospermum laevigatum	Australian Tea Tree	A,B-15	L,VL	10-30	10-30'	E	C,IV-5,10,16
Liquidambar formosana	Chinese Sweet Gum	A,B-15	M	40-60'	25'	D	C,IV,D-7
L. styraciflua	American Sweet Gum	A,B-15	M	60'	-25'	D	C,IV,D-7
Liriodendron tulipfera	Tulip Tree	B	M	60-80'	40'	D	C,IV,D-22
Lithocarpus densiflorus	Tanbark Oak	B	L	-60'	-40'	E	C,IV-6,12,23
Lophostemon(Tristania) confertus	Brisbane Box	A,B-15	L,VL	30-60'	-40'	E	C,IV-22
Lyonothamnus floribundus	Catalina Ironwood	A,B-15	M	20-35	15'	E	C,IV-6,10,12,15,23
Magnolia grandiflora	Southern Magnolia	B	M	60-80'	40-60'	E	C,IV,D-10,22
M. X soulangeana	Saucer Magnolia	A,B	M	15-25'	25'+	D	C,IV,D-10
Maytenus boaria	Mayten Tree	A,B-10	M,L	30-50'	30'	E	C,IV-6,22,X
Melaleuca quinquenervia	Cajeput Tree	A,B-15	M,L	20-40'	15-25'	E	C,IV,D-10
Metasequoia glyptostroboides	Dawn Redwood	A,B-15	H,M	-80'	-40'	D	C,IV-22
Metrosideros excelsa	New Zealand Christmas Tree	A,B-10	L,VL	-30'	-30'	E	C,IV-5,6,7,10
Morus alba	White Mulberry	B	M,L	20-60'	30-50'	D	C,IV,D-11,16
Olea europaea	Olive - Fruitless varieties only	A,B-15	L,VI	-35'	20-30'	E	C,IV,D-11,16,20,X
Parkinsonia aculeata	Jerusalem Thorn	A,B-10	L,VL	15-30'	15-30'	D	C,IV,D-3,6,7,10,22,X
Phoenix dactylifera	Date Palm	B	M,L	80'	30'	E	C,IV,D-7,11,15,X
Pinus species	Pine	B-75	L,VL	varies	varies	E	C,IV,D-15,23
Pistacia chinensis	Chinese Pistache	B	M,L	-60'	-50'	D	C,IV,D-22,X
Pittosporum phillyreoides	Willow Pittosporum	A,B	L	15-25'	10-15'	E	C,IV,D-10
P. rhombifolium	Queensland Pittosporum	A,B	M	15-35'	-25'	E	C,IV,D-22
Platanus racemosa	California Sycamore	B	L	50-100'	50-100'	D	C,IV,D-12,21,22,23
Podocarpus gracilior	Fern Pine	B	M	-60'	-60'	E	C,IV,D-16,22
P. macrophyllus	Yew Pine	B	M	-50'	-45'	E	C,IV,D-16,22
Populus fremontii	Fremont Cottonwood	B	M	40-60'	40-60'	D	C,IV,V-12,21,22,23
Prosopis chilensis	Chilean Mesquite	B	L	30-50'	30-50'	E/D	C,IV,D-10,23

P. glandulosa	Honey Mesquite	A,B-15	L,VL	25-30'	25-30'	D	C,IV,D-5,7,21,22,23

TREES – page 3

BOTANICAL NAME	COMMON NAME	ZONE	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-
Prunus cerasifera 'Atropurpurea'	Purple-leaf Plum	A,B-10	M,L	25'	25'	D	C,IV,D-10,11,22
P. ilicifolia	Hollyleaf Cherry	A,B-15	L,VL	15-30'	15-30'	E	C,IV,D-7,11,12,16,23
Punica granatum	Pomegranate	A,B-10	L	12-18'	-20'	D	C,IV,D-7,11,20
Pyrus calleryana & cultivars	Ornamental Pear	A,B-15	M	varies	varies	D	C,IV,D-10
P. Kawakamii	Evergreen Pear	A,B-10	M	15-30'	15-30'	E/D	C,IV,D-10
Quercus agrifolia	Coast Live Oak	B-30	L,VL	30-70'	70'+	E	C,IV,D-6,12,23
Q. chrysolepis	Canyon Live Oak	B-30	M,L	30-60'	20-60'	E	C,IV-6,12,36
Q. douglasii	Blue Oak	B-30	M	50'	50+	D	C,IV,D-6,12,23
Q. engelmannii	Engelmann Oak	B-30	I	60'	60+	E	IV,D-6,12,33,23
Q. ilex	Holly Oak	B-30	M	40-70'	40-70'	E	C,IV,D-6,23
Q. kelloggii	California Black Oak	B	M	30-80'	-60'	D	IV-6,12,23
Q. lobata	Valley Oak	B-30	L,VL	70'+	70'+	D	C,IV-6,12,23
Q. palustris	Pin Oak	B-30	M	50-80'	5-70'	D	C,IV,D-6,22,23
Q. rubra	Red Oak	B-30	M	60-75'	50'	D	C,IV,D-6,23
Q. suber	Cork Oak	B-30	M	70-100'	-100'	E	C,IV,D-6,23
Q. virginiana	Southern Live Oak	B-30	M,L	60'	100'	E/D	C,IV,D-22
Q. wislizenii	Interior Live Oak	B	M,L	30-75'	75'+	E	IV,D-6,12,23
Rhus lancea	African Sumac	A,B-15	L	20-30'	20-30'	E	C,IV,D-20,22
Robinia ambigua	Locust	B	M,L	30-50'	-30'	D	IV,D-1,7,10,22
Sapium sebiferum	Chinese Tallow Tree	B	M	-35'	-35'	D	IV,D-22,X
Schefflera actinophylla	Queensland Unbrella Tree	A,B	H,M	20'+	20'+	E	C-3,8,18
S. pueckleri	Tupidanthus	A,B	H,M	20'+	20'+	E	C-3,8,18
Sophora japonica	Japanese Pagoda Tree	B	M	30-50'	30-50'	D	C,IV,D-22
Stenocarpus sinuatus	Firewheel Tree	A,B-10	M	30'	15'+	E	C,IV-6,10,22
Syagrus romanzoffianum	Queen Palm	A,B	M	50'	-20'	E	C,IV-15
Tabebuia chrysotricha	Golden Trumpet Tree	A,B-15	M	25-30'	-30'	E	C,IV-6,10,22
T. impetiginosa	Pink Trumpet Tree	A,B-15	M	35'	-30'	E	C,IV-6,10,22
Taxodium mucronatum	Montezuma Cypress	B	H-L	75'	35'	E/D	C,IV-22
Tipuana tipu	Tipu Tree	B	M	-50'	-50'	D	C,IV-10,22
Trachycarpus fortunei	Windmill Palm	A,B	M	-30'	-6'	E	C,IV,D-15
Umbellularia californica	California Bay	B	L,VL	30-75'	30-75'	E	C,IV,D-5,12,23
Washingtonia filifera	California Fan Palm	B-30	M-VL	60'	20'	E	C,IV,D-3,7,10,12,15,21,X
Zelkova serrata	Sawleaf Zelkova	B	M	60'	60'	D	C,IV,D-22
Ziziphus jujuba	Chinese Jujube	A,B-15	M,L	20-30'	20-30'	D	C,IV,D-11,20,22

APPENDIX III

UNDESIRABLE PLANT LIST

TARGET PLANT SPECIES - Certain plants are considered to be undesirable in the landscape due to characteristics that make them highly flammable. These characteristics can be either physical or chemical. Physical properties would include large amounts of dead material retained within the plant, rough or peeling bark, and the production of copious amounts of litter. Chemical properties include the presence of volatile substances such as oils, resins, wax, and pitch. Certain native plants are notorious for containing these volatile substances. Plants with these characteristics should not be planted close to structures in fire hazard areas. Should these species already exist within these areas, they should be removed because of the potential threat they pose to structures. They are referred to as target species since their complete or partial removal is a critical part of hazard reduction. The following is a partial list of plants that should be avoided near structures.

UNDESIRABLE PLANT SPECIES (TARGET SPECIES)

Natives:
Adenostoma fasciculatum – Chamise
Adenostoma sparsifolium – Red shank
Artemisia californica – California Sagebrush
Eriogonum faciculatum – Common Buckwheat
Salvia sp. – Sage, native species

Ornamentals:
Cortadera sp. – Pampas Grass
Cupressus sp. – Cypress
Eucalyptus sp. – Eucalyptus*
Jasminum humile – Italian Jasmine
Juniperus sp. – Juniper*
Pinus sp. – Pine
Plumbago auriculata – Cape Plumbago
Rosmarinus officinallis – Rosmary*
Tecoma capensis – Cape Honeysuckle

* Except as permitted in the planting list

INVASIVE PLANT SPECIES

Other plants may be considered to be undesirable due to their ability to naturalize in wildland areas and become pests, because they are invasive in the landscape, or because they are an aggressive spreading or climbing species that out compete other plants and add to the fuel load on site. These types of plants should be avoided, especially in sensitive riparian or coastal areas where they may become established and compete with native vegetation. Applicants may be required to remove these plants where they occur. The list below contains just a few of the most commonly used plant species that should not be planted due to their invasive nature. For lists of additional species considered to be invasive that should be avoided, visit the California Invasive Plant Council website at www.cal-ipc.org and http://weedwatch.lasgrwc.org/matrix.html.

UNDESIRABLE PLANT SPECIES (INVASIVE SPECIES)
Carpobrotus edulis – Hottentot Fig
Cortadera sp. – Pampas Grass
Cytisus sp. – Broom
Eucalyptus globulus – Blue Gum
Hedera canariensis – Algerian Ivy
Pennisetum setaceum – Fountain Grass – including all cultivars and varieties

Phoenix canariensis – Canary Island Date Palm
Schinus molle – California Pepper Tree
Schinus teribinthifolius – Brazilian Pepper Tree
Vinca major – Periwinkle
Washingtonia robusta – Mexican Fan Palm



Highly flammable species should not be planted near structures

APPENDIX II

PLANTING, SPACING, AND MAINTENANCE INFORMATION

Information:

- Utilize slope distances for all measurements.
- Maintenance includes irrigation and annual removal of weeds, dead materials, and other undesirable flammable vegetation required to keep the fuel modified area in a fire safe condition as required by the approved Fuel Modification Plan.
- During early stages of revegetation, plants are small and may be planted in increased densities to establish erosion control measures; however, as these plants mature and increase in size they must be thinned to meet fuel modification standards.
- The term "fire resistant" may be misleading. All plants will burn if there is enough heat and other conditions are right. Vegetative fire resistance may be enhanced through consistent irrigation.

General Requirements:

- Select plant material which will produce coverage of permanent planting effectively controlling erosion.
- Consider utilizing deep-rooted plant material needing limited watering.
- Limit use of plants, which are known to be especially flammable, throughout your property.
- Limit use of plants which develop large volumes of foliage and branches.
- Limit use of plants which develop deciduous or shaggy bark.
- Limit use of plants which develop dry or dead undergrowth.
- Recommended minimum spacing is 30 feet between canopies for trees and 15 feet or three times the height of large shrubs. Limited grouping or alternative spacing may be approved.

Specific Requirements:

- Plants and trees must be individually planted, spaced and maintained in such a manner that they do not form a means of transmitting fire from native growth to the structure.
- Select plant species from the approved plant list for each zone and geographical area. Other species will be reviewed on a case-by-case basis. Except for dwarf varieties or mature trees small in stature, trees are generally not recommended within Zone A for reasons which go beyond fire issues and are therefore not included in the planting guide. Tree canopies may extend into Zone A when planted outside the zone
- Limit massing of vegetation adjacent to structures, especially under eaves, overhangs, decks, etc.
- Provisions for continuous maintenance must be documented on the Fuel Modification Plan and CC&Rs, i.e., by Homeowners Associations, property owners, or other entities.
- Conduct yearly maintenance to reduce fuel volumes, eliminate weeds, remove dead vegetation, etc. prior to annual brush inspections.
- Irrigation shall be designed to supplement native vegetation and establish planted natives and ornamentals.
- Irrigation shall be directed away and placed outside the dripline of native oaks

Care should be taken to avoid erosion problems created or enhanced by total vegetation removal. In areas where target species comprise the total vegetation, partial removal is recommended with replacement planting using desirable species as the long-range goal. Avoid using shallow rooted ground covers on steep slopes. Ice Plant, while an effective ground cover on flat surfaces, would be undesirable on a steep slope because its shallow rooted nature may cause it to slide off the slope if the root zone becomes saturated during a rainstorm, exposing soil to erosion.