

Carpinteria-Summerland Fire Protection District High Fire Hazard Area Desirable Plant List

Desirable Qualities for Landscape Plants within Carpinteria/Summerland High Fire Hazard areas

- Ability to store water in leaves or stems.
- Produces limited dead and fine material.
- Extensive root systems for controlling erosion.
- High levels of salt or other compounds within its tissues that can contribute to fire resistance.
- 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.

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
	VL -Very Low	Summer Deciduous

Comment Code

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

The following plant list is provided as a **suggested guideline** (not exclusive) for landscaping within the High Fire Hazard area. Other plants may be used such as grasses, annuals etc., but should follow the landscape zone recommendations for arrangement of plantings.

The desirable planting list was developed by Los Angeles County Fire Department based on comments from numerous professionals and public agencies, 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). The plant list is arranged by geographical area and plant type and includes a comment code to assist in plant selection and maintenance requirements.

GROUNDCOVERS

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
<i>Abelia grandiflora</i> 'Prostrata'	Prostrate Glossy Abelia	M	1 - 2'	3 - 4'	E	C,IV - 3
<i>Achillea tomentosa</i>	Woolly Yarrow	L	6 - 10"	6 - 12"	E	C,IV - 9,19
<i>Aeonium</i> species	NCN	L	varies	varies	E	C,IV-2,3,8,14
<i>Ajuga reptans</i>	Carpet Bugle	H	4 - 6"	2 - 4"	E	C,IV - 2,18,19
<i>Aptenia cordifolia</i>	Red Apple Ice Plant	M,L	- 12"	varies	E	IV,D - 1,2,3,19
<i>Arctostaphylos</i> species	Manzanita	L,VL	varies	varies	E	Varies
<i>A. edmundsii</i>	Little Sur Manzanita	L,VL	1 - 2'	4 - 6'	E	C,IV - 4,6,12
<i>A. 'Emerald Carpet'</i>	Emerald Carpet Manzanita	L,VL	1'	4 - 6'	E	C,IV - 4,6,12
<i>Arctotheca calendula</i>	Cape Weed	M,L	-12"	-18"	E	C,IV,D-3,7,10,19
<i>Artemisia caucasica</i>	Silver Spreader	L,VL	3-6"	2'	E	C,IV,D-4,6,12
<i>Asarum caudatum</i>	Wild Ginger	M,H	7-10"	2'	D	C,IV-3,18,19
<i>Atriplex semibaccata</i>	Creeping Saltbrush	L,VL	1'	1-5'	E	C,IV,D - 13,20
<i>Baccharis pilularis</i>						
<i>B.p. 'Pigeon Point'</i>	Dwarf Coyote Brush	L,VL	12-24"	-6'	E	C,IV,D-4,5,12
<i>B.p. 'Twin Peaks'</i>	Dwarf Coyote Brush	L,VL	12-24"	-6'	E	C,IV,D-4,5,12
<i>Cerastium tomentosum</i>	Snow-In-Summer	M,L	6-8"	2-3'	E	C,IV,D-10,19
<i>Chamaemelum nobile</i>	Chamomile	M	6-8"	-12"	E	C,IV,D-9,16,19
<i>Cistus salviifolius</i>	Sageleaf Rockrose	L,VL	1-2'	6'	E	C,IV,D-4,5,6,7,10,16,20
<i>C. 'Sunset'</i>	Rockrose	L,VL	1-2'	6-8'	E	C,IV,D-4,5,6,7,10,16,20
<i>C. 'Warley rose'</i>	Rockrose	L,VL	1'	4'	E	C,IV,D-4,5,6,7,10,16,20
<i>Coprosma kirkii</i>	NCN	M,L	-2'	6-8'	E	C,IV-3,4,5,8,18,20
<i>Coreopsis auriculata</i> 'Nana'	NCN	L,VL	5-8"	-2'	E/D	C,IV-3,8,19
<i>Cotoneaster</i>						
<i>C. adpressus praecox</i>	Cotoneaster	M,L	-18"	-6'	D	C,IV,D-2
<i>C. salicifolius</i> 'Emerald Carpet'	Prostrate Willowleaf Contoneaster	M,L	12-15"	-8'	E	C,IV,D-4
<i>C.s. 'Repens'</i>	Prostrate Willowleaf Contoneaster	M,L	-6"	-6'	E	C,IV,D-4
<i>Dalea greggii</i>	Trailing Indigo Bush	L,VL	12-18"	5-10'	E	C,IV - 6
<i>Dichondra micrantha</i>	Dichondra	H,M	-6"	-2'	E	C,IV-9
<i>Duchesnea indica</i>	Indian Mock Strawberry	L	-8"	-4'	E	C,IV,D-11,16,19
<i>Dymondia margaretae</i>	NCN	M,L	-3"	12-24"	E	C,IV-3,8
<i>Erigeron glaucus</i>	Seaside Daisy	M,L	10-12"	-2'	E	C,IV-3,6,8,10,12,18,19,20
<i>E. karvinskianus</i>	Santa Barbara Daisy	M,L	10-20"	-3'	E	C,IV-3,6,8,10,12,18,19,20
<i>Euonymus fortunei</i> 'Colorata'	Purple-Leaf Winter Creeper	M	1-2'	-6'	E	IV-1,5,8,16
<i>Festuca cinerea</i> (ovina'Glauca')	Blue Fescue	M,L	-12"	-2'	E	C,IV,D-4
<i>F. rubra</i>	Red Fescue	M,L	-16"	-30"	E	C,IV,D-4,9
<i>Fragaria chiloensis</i>	Wild Strawberry	L,VL	6-12"	-24"	E	C,IV,D-4,10,11,12,20
<i>Gazania rigens</i> var <i>Leucolaena</i>	Trailing Gazania	L	6-10"	-24"	E	C,IV,D-10,19
<i>Glechoma hederacea</i>	Ground Ivy	M	3-6"	-18"	E/D	C,IV,D-8,19
<i>Hedera helix</i> & varieties	English Ivy	M,L	6-18"	-4'	E	IV,D-1,4,5,16
<i>Helianthemum nummularium</i>	Sunrose	L	6-8"	-3'	E	C,IV,D - 6,10
<i>Herniaria glabra</i>	Green Carpet	M	2-3"	-16"	E	C,IV,D-8
<i>Hypericum calycinum</i>	Aaron's Beard	M,L	6-12"	-3'	E	C,IV,D-4,5,7,16
<i>H. coris</i>	NCN	M,L	6-12"	-2'	E	C,IV,D-4,5,7,16
<i>Iberis sempervirens</i>	Evergreen Candytuft	M	6-12"	-6-12"	E	C,IV,D-10,19
<i>Iva hayesiana</i>	Poverty Weed	L,VL	2-3'	4-5'	E	C,IV,D-4,5,12,16,23
<i>Laurentia fluviatilis</i>	Blue Star Creeper	M	2-4"	6-12"	E	C,IV-8,19
<i>Lonicera japonica</i>	Japanese Honeysuckle	M	1-2'	6-10'	E	IV-1,5,7,10,16
<i>Lysimachia nummularia</i>	Moneywort	H,M	2-6"	-2'	E	C,IV -18,19
<i>Mahonia aquifolium</i> 'Compacta'	Compact Oregon Grape	M,L	1-2'	2-3'	E	C,IV-4,7,12,18,23

GROUNDCOVERS cont'd

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
<i>M. repens</i>	Creeping Mahonia	M,L	2-3'	2-3'	E	C,IV-4,7,12,18,23
<i>Myoporum 'Pacificum'</i>	Pacific Myoporum	M,L	2-3'	-30'	E	IV-1,4,5,16
<i>M. parvifolium</i>	NCN	M,L	4-6"	9'	E	IV-1,4
<i>Nandina domestica</i>						
'Harbour Dwarf'	Dwarf Heavenly Bamboo	M,L	1 1/2 -2'	2-3'	E	C,IV,D-15
<i>Oenothera berlandieri</i>	Mexican Evening Primrose	L,VL	10-12"	4'	E	IV,D-1,4,7,10,17,19
<i>O. stubbei</i>	Baja Evening Primrose	L,VL	5"	2'	E	IV,D-7,12,19
<i>Ophiopogon japonicus</i>	Mondo Grass	M	8-12"	12-24"	E	C,IV-18
<i>Osteospermum fruticosum</i>	Trailing African Daisy	M	-18"	-4'	E	IV-1,10,19
<i>Pelargonium peltatum</i>	Ivy Geranium	M	-2'	-4'	E	IV - 1,3,7,10,19
<i>P. tomentosum</i>	Silver Spreader	M	-18"	2-4'	E	IV-1,3,7,10,19
<i>Phyla nodiflora (Lippia repens)</i>	Lippia	M,L	2-15"	-3'	E/D	C,IV,D-9,16,19
<i>Polygonum capitatum</i>	Pink Clover	M,L	-18"	-2'	E	IV,D - 1,10,19
<i>Potentilla tabernaemontanii</i>	Spring Cinquefoil	M,L	2-6"	-12"	E	C,IV,D-9,10,19
<i>Ribes viburnifolium</i>	Catalina Perfume	L,VL	-3'	-3'	E	C,IV - 12,18,23
<i>Rosmarinus officinalis</i>						
R.o. 'Huntington Blue'	NCN	L	-18"	-4'	E	C,IV,D - 4,5,16
R.o. 'Prostratus'	Prostrate Rosemary	L	-24"	-6'	E	C,IV,D - 4,5,16
<i>Salvia sonomensis</i>	Creeping Sage	L	8-12"	3-4'	E	C,IV-6,12,13,23
<i>Santolina chamaecyparissus</i>	Lavender Cotton	L	-24"	-3'	E	C,IV,D - 10
<i>S. rosmarinifolius (virens)</i>	Green Lavender Cotton	L	-24"	-3'	E	C,IV,D - 10
<i>Sedum species</i>	Stonecrops	L,VL	varies	varies	E	C,IV - 2,8,14
<i>Senecio mandraliscae</i>	NCN	M,L	-18"	-5'	E	C,IV - 3,14,19
<i>S. serpens</i>	Blue Chalkstics	M,L	-12"	-3'	E	C,IV-3,14,19
<i>Scaevola 'Mauve Clusters'</i>	NCN	M,L	4-6"	3-4'	E	C,IV - 6,18,19
<i>Soleirolia soleirolii</i>	Baby's Tears	H,M	3-6"	-18"	E	C,IV - 3,18,19
<i>Teucrium chamaedrys</i>						
'Prostratum'	Prostrate Germander	M,L	4-6"	-3'	E	C,IV,D - 4,16
<i>T. cossonii</i>	NCN	L	4-6"	-2'	E	C,IV - 6,10
<i>Thymus praecox arcticus</i>	Mother of Thyme	M,L	2-6"	-18"	E	C,IV,D - 8
<i>T. pseudolanuginosus</i>	Woolly Thyme	M,L	2-3"	-12"	E	C,IV,D - 8
<i>Trachelospermum</i>						
<i>jasminoides</i>	Star Jasmine	M,L	-2'	4-5'	E	C,IV,D - 5,7,10,16
<i>Trifolium fragiferum</i>						
Var. O'connor's	O'Connor's Legume	M,L	6-15"	-6'	E	C,IV,D-5,9,16,19
<i>Verbena hybrida</i>	Garden Verbena	L,VL	6-12"	1 1/2-3'	E	C,IV,D - 3,7,10,13
<i>V. peruviana</i>	NCN	L,VL	-8"	-2'	E	C,IV,D - 7, 10
<i>V. pulchella gracilior</i>	Moss Verbena	L,VL	12-15"	2-3'	E	C,IV,D-8,10,19
<i>V. tenuisecta</i>	Moss Verbena	L,VL	12-15"	2-3'	E	C,IV,D-8,10,19
<i>Wedelia trilobata</i>	Wedelia	M,L	-12"	4-6'	E	C,IV,D - 3,16, 20
<i>Zauschneria californica</i>	California Fuchsia	L,VL	1-2'	3-5'	E/D	C,IVD-4,5,7,10,12,13,23
<i>Zoysia tenuifolia</i>	Korean Grass	M,L	-6"	-18"	E	C,IV,D - 9

SHRUBS

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
<i>Acanthus mollis</i>	Bear's Breech	H,M	-4'	4-6'	E/D	C,IV,D -3,8,14,16,17,18,19
<i>Achillea filipendulina</i>	Fernleaf Yarrow	L,VL	4-5'	2'	E	C,IV,D -10,16,17,19
<i>A. millefolium</i>	Common Yarrow	L,VL	-3'	2'	E	C,IV,D-10,16,17,19
<i>Aeonium</i> species	NCN	L	varies	varies	E	C,IV - 3,8,14
<i>Agarantus</i> species	Lily-Of-The-Nile	M	varies	varies	E/D	C,IV - 3,4,7,10,14,19
<i>Agave</i> species	Agave	L,VL	varies	varies	E	C,IV,D - 3,10,14,17
<i>Aloe</i> species	Aloe	L,VL	varies	varies	E	C,IV, - 3,7,8,14
<i>Anigozanthos flavidus</i>	Kangaroo Paw	M,L	3-5'	3'	E	C,IV-3,6,7,10,19
<i>A. manqlesii</i>	NCN	M,L	3'	-3'	E	C,IV - 3,6,7,19
<i>Arbutus unedo</i> 'Compacta'	Dwarf Strawberry Tree	M,L	6-8'	-8'	E	C,IV,D-5,7,11,18,23
<i>A.u.</i> 'Elfin King'	Silver Spreader	M,L	3-5'	-6'	E	C,IV,D - 5,7,11,18,23
<i>A.u.</i> 'Octoberfest'	NCN	M,L	6-8'	-8'	E	C,IV,D-5,7,11,18,23
<i>Arctostaphylos</i> species	Manzanita	L,VL	varies	varies	E	C,IV,D - 4,6,7,10,12
<i>Artemisia</i> 'Powis Castle'	NCN	L,VL	-3'	6'	E	C,IV - 4,6,12,23
<i>A. stellerana</i>	Beach Worm Wood	L,VL	-3'	-3'	E	C,IV - 4,6,12,19,23
<i>Aspidistra elatior</i>	Cast-Iron Plant	M,L	-30"	-3'	E	C,IV -3,18,19
<i>Begonia</i> species	Begonia	H,M	varies	varies	E	C,IV - 3,8,10,14,18
<i>Berberis thunbergii</i>	Japanese Barberry	M,L	4-6'	4-6'	D	C,IV,D - 4
<i>B. thunbergii</i> 'cultivars'		M,L	varies	varies	D	C,IV,D - 4
<i>Bergenia crassifolia</i>	Winter Blooming Bergenia	M,L	-20"	-20"	E	C,IV - 3,18,19
<i>Buddleia davidii</i>	Butterfly Bush	M,L	-10'	-12'	E/D	C,IV,D - 7,10,16,17
<i>Buxus microphylla japonica</i>	Japanese Boxwood	M,L	4-6'	4-6'	E	C,IV,D -16
<i>B.m. koreana</i>	Korean Boxwood	M,L	4-6'	4-6'	E	C,IV,D -16
<i>Caesalpinia gilliesii</i>	Bird of Paradise Bush	L,VL	-10'	-10'	E/D	C,IV,D - 7,10
<i>C. mexicana</i>	Mexican Bird of Paradise	L,VL	10-12'	-15'	E/D	C,IV,D - 7,10
<i>C. pulcherrima</i>	Red Bird of Paradise	L,VL	-10'	-10	E/D	C,IV,D - 7,10
<i>Calliandra californica</i>	Baja Fairy Duster	L,VL	-3'	4-5'	E/D	C,IV,D -4,6,7,10,12
<i>C. eriophylla</i>	Fary Duster	L,VL	-3'	4-5'	E/D	C,IV,D -4,6,7,10,12
<i>Callistemon citrinus</i> 'compacta'	Bottlebrush	L,VL	-5'	-5'	E	C,IV,D-5,7,10,20
<i>Calycanthus occidentalis</i>	Spice Bush	M,L	4-12'	-5'	D	C,IV-12,18
<i>Carissa macrocarpa</i>						
(<i>grandiflora</i> & 'cultivars')	Natal Plum	M,L	-7'	-7'	E	C,IV - 4,11,16
<i>Cassia artemisioides</i>	Feathery Cassia	L,VL	3-6'	-6'	E	C,IV,D - 10,
<i>Ceanothus</i> species	Wild Lilac	L,VL	varies	varies	E/D	C,IV,D - 4,6,7,10,12,23
<i>Cercocarpus betuloides</i>	Mountain Mahogany	L,VL	5-12'	-10'	E	C,IV,D - 4,6,12,23
<i>Choisya ternata</i>	Mexican orange	M	6-8'	-8'	E	C,IV - 10,18
<i>Cistus</i> species	Rockrose	L,VL	varies	varies	E	C,IV,D - 4,5,6,10,17,20
<i>Cleome isomeris</i>	Bladderpod	L,VL	3-6'	4-6'	E	C,IV,D-4,6,10,12,20
<i>Clivia miniata</i>	Clivia	H,M	2'	2'	E	C,IV - 3,10,14,18,19
<i>Colocasia esculenta</i> (caladium)	Elephant's Ear	H	-6'	-6'	E/D	C,IV - 3,14,18,19
<i>Comarostaphylis diversifolia</i>	Summer Holly	L,VL	6-10+	6-8+	E	C,IV,D-6,7,12,18,23
<i>Convolvulus cneorum</i>	Bush Morning Glory	L	2-4'	2-4'	E	C,IV,D-6,10
<i>Coprosma pumila</i>	NCN	M	-3'	8'	E	IV - 1,4,16,20
<i>C. repens</i>	Mirror Plant	M	-10'	-6'	E	IV - 1,4,16,20
<i>Cotoneaster</i> species	Cotoneaster	M,L	2-18'	3-15'	E/D	C,IV,D - 4,10,16
<i>Cotyledon</i> species	NCN	L	1-3'	1-3'	E	C,IV - 3,8,14
<i>Crassula</i> species	NCN	L	1-9'	1-9'	E	C,IV - 3,8,14
<i>Cyrtomium falcatum</i>	Holly Fern	H,M	2-3'	3-4'	E	C,IV - 15
<i>Dasyliirion longissima</i>	Mexican Grass Tree	L,VL	-10'	8'	E	C,IV,D-15

SHRUBS cont'd

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
<i>D. wheeleri</i>	Sotol	L,VL	-6'	-6'	E	C,IV,D-15
<i>Dietes bicolor</i>	Fortnight Lily, African Iris	M,L	2-3'	2-3'	E	C,IV,D - 4,10,15,19
<i>D. vegeta</i> (iridioides)	Fortnight Lily	M,L	-4'	-4'	E	C,IV,D - 4,10,15,19
<i>Echium fatuosum</i>	Pride of Madeira	L,VL	-10'	-10'	E	C,IV - 4,6,7,10,19,20
<i>Elaeagnus pungens</i> & cultivars	Silverberry	M,L	6-15'	6-15'	E	C,IV,D - 16
<i>Encelia californica</i>	Coast Sunflower	L,VL	3-5'	3-5'	E/D	C,IV-5,6,10,4,17
<i>E. farinosa</i>	Brittle Bush	L,VL	3-5	3-5	E/D	C,IV,D - 4,5,6,10,12,17
<i>Erigonum giganteum</i>	St. Catherine's Lace	L,VL	- 8'	- 8'	E	C,IV - 4,6,10,12,19,20
<i>Escallonia</i> species	Escallonia	M,L	2-15'	2-10'	E	C,IV - 4,10,16
<i>Euonymus japonica</i> & cultivars	Evergreen Euonymus	M	2-10'	-6'	E	C,IV,D - 4,16
<i>Fatsia japonica</i>	Silver Spreader	M	5-12'	6-10'	E	C,IV - 18
<i>Fouquieria splendens</i>	Ocotillo	VL	8-25'	8-15'	E	IV,D - 6,10,12
<i>Fremontodendron</i> species & cultivars	Flannel Bush	L,VL	5-20'	-15'	E	C,IV,D - 4,6,10,12
<i>Gardenia jasminoides</i>	Gardenia	H	3-6'	3-5'	E	C,IV - 10,18
<i>Garrya elliptica</i>	Coast Silktassel	M,L	4-8'	4-8'	E	C,IV,D - 4,5,7,10,12
<i>Hakea suaveolens</i>	Sweet Hakea	L	10-20'	-15'	E	C,IV - 4,8
<i>Hebe</i> species & cultivars	Hebe	M	3-6'	3-6'	E	C,IV - 4,5,7,10,16
<i>Hemerocallis</i> hybrids	Daylily	M,L	1-6'	2-6'	E/D	C,IV,D - 7,10,17,19
<i>Hesperaloe parviflora</i>	NCN	VL	3-4'	4-6'	E	IV,D - 6,7,19
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus	M	-15'	-12'	E	C,IV - 3,7,10
<i>Iris</i> species	Bearded Iris	M	-30"	-2'	E	C,IV,D - 10
<i>I. douglasiana</i>	Douglas Iris	M,L	-2'	-2'	E	C,IV - 10,12,18
<i>Justicia brandegeana</i>	Shrimp Plant	M	-3'	-4'	E	C,IV,D - 4,7,10
<i>J. californica</i>	Chuparosa	L,VL	2-5'	-4'	D	IV,D - 4,6,7,10,12
<i>Keckiella cordifolia</i>	Heart-Leaved Penstemon	L,VL	5-6'	8-10'	E/D	C,IV-4,7,12
<i>Kniphofia uvaria</i>	Red-Hot Poker	L	2-3'	3-4'	E	C,IV,D-3,7,10,19
<i>Larrea tridentata</i>	Creosote Bush	VL	4-8'	4-8'	E	IV,D-6,12,23
<i>Lavandula angustifolia</i>	English Lavender	L	3-4'	3-4'	E	C,IV,D-4,6,7,10,17
<i>L. dentata</i>	French Lavender	L	3'	3'	E	C,IV,D-4,6,7,10,17
<i>L. intermedia</i>	Lavandin	L	1-2'	2-3'	E	C,V,D-4,6,7,10,17
<i>L. stoechas</i>	Spanish Lavender	L	2-3'	3'	E	C,IV,D-4,6,7,10,17
<i>Leonotis leonurus</i>	Lion's Tail	L	3-6'	4-6'	E	C,IV,D-3,7,10,17
<i>Leucophyllum candidum</i>	Violet Silverleaf	L,VL	4-5'	4-5'	E	IV,D-4,6,7,10
<i>L. frutescens</i>	Texas Ranger	L,VL	6-8'	6-8'	E	IV,D-4,6,7,10
<i>L. laevigatum</i>	Chihuahuan Sage	L,VL	3-4'	4-5'	E	IV,D-4,6,7,10
<i>Limonium perezii</i>	Sea Lavender	L	-2'	-2'	E	C,IV - 3,10,15,19,20
<i>Liriope muscari</i>	Big Blue Lily Turf	M	1-2'	2'	E	C,IV-18
<i>Lobelia laniflora</i>	Mexican Bush Lobelia	L	2-3'	4-6'	E	C,IV,D-4,7,10
<i>Lupinus</i> species	Lupine	L,VL	varies	varies	E/D	C,IV,D-4,6,7,10,12,17
<i>Mahonia aquifolium</i>	Oregon Grape	M,L	6-8'	6-8'	E	IV,D-4,6,11,12,18,23
<i>M. fremontii</i>	Desert Mahonia	L	3-12'	4-8'	E	C,IV,D-4,6,10,11,12,23
<i>M. 'Golden Abundance'</i>	NCN	M,L	5-6'	6'	E	IV,D-4,6,10,11,12,18,23
<i>M. lomarifolia</i>	Venetian Blind Mahonia	M,L	6-10'	6-10'	E	C,IV,D-4,6,11,18,23
<i>M. nevinii</i>	Nevin Mahonia	L	3-10'	6-12'	E	C,IV,D-4,6,10,11,12,23
<i>M. pinnata</i>	California Holly Grape	M,L	4-5'	4-6'	E	C,IV-4,6,10,11,12,18,23
<i>Malva</i> species	Mallow	L	varies	varies	E/D	C,IV,D-6,7,10,13
<i>Mimulus</i> species (Diplacus)	Monkey Flower	L	1-4'	1-4'	E	C,IV,D-4,6,7,10,12
<i>Myrtus communis 'compacta'</i>	Dwarf Myrtle	M	5-8'	5-8'	E	C,IV,D-16
<i>Nandina domestica</i>	Heavenly Bamboo	M	6-8'	4-5'	E	C,IV,D-4,15

SHRUBS cont'd

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT	SPREAD	E/D	GEOGRAPHICAL AREA-COMMENTS
N.d. 'Compacta'	NCN	M	4-5'	3-4'	E	C,IV,D-4,15
<i>Nephrolepis cordifolia</i>	Southern Sword Fern	M,L	2-3'	3-6'	E	C,IV-4,15
<i>Nerium oleander</i>	Oleander	M,L	8-20'	10-20'	E	C,IV,D-10,16
N.o. 'Petite Salmon'	NCN	M	3-4'	5-7'	E	C,IV-3,10,16
<i>Opuntia</i> species	Prickly Pear, Cholla etc.	L,VL	varies	varies	E	C,IV,D-8,12,14,23
<i>Pelargonium</i> species	Geranium	M,L	varies	varies	E	C,IV-3,10,19
<i>Penstemon</i> species	Beard Tongue	L	varies	varies	E/D	C,IV,D-7,10,12,17,19
<i>Phlomis fruticosa</i>	Jerusalem Sage	M,L	3-4'	3-5'	E	C,IV,D-6,7,10,17,19
<i>Phormium tenax</i>	New Zealand Flax	M	5-9'	6'	E	C,IV,D-4,19
P.t. 'cultivars'	NCN	M	varies	varies	E	C,IV,D-4,19
<i>Photinia fraseri</i>	Silver Spreader	M,L	10-15'	10-20'	E	C,IV,D-4,7,10,16
<i>Pittosporum tobira</i>	Tobira	M,L	6-15'+	8-15'	E	C,IV,D-5,16
P.t. 'Variegata'	NCN	M	5-8'	6-8'	E	C,IV,D-5,16
P.t. 'Wheeler's Dwarf'	Dwarf Pittosporum	M	1-3'	2-4'	E	C,IV,D-16
<i>Portulacaria afra</i>	Elephant's Food	L	5-12'	6-12'	E	C,IV-3,14
<i>Punica granatum</i> 'Nana'	Dwarf Pomegranate	L	3'	4'	D	C,IV,D-7,11,20
<i>Pyracantha</i> species	Firethorn	M	varies	varies	E/D	C,IV,D-4,16
<i>Rhamnus californica</i>	Coffeeberry	M,L	3-15'	4-15'	E/D	C,IV,D-12,21,23
<i>R. crocea</i>	Redberry	M,L	2-3'	3'	E	IV-5,12,23
<i>R.c. ilicifolia</i>	Hollyleaf Redberry	M,L	3-15'	3-15'	E	IV-5,12,23
<i>Rhaphiolepis indica</i>	India Hawthorn	M,L	4-8'	4-8'	E	C,IV,D-4,5,10
R.i. 'cultivars'	NCN	M,L	varies	varies	E	C,IV,D-5,10
<i>Rhus integrifolia</i>	Lemonade Berry	L	3-10'+	6-20'	E	C,IV-4,5,12,23
R.(<i>Molosma</i>) <i>laurina</i>	Laurel Sumac	L	6-15'+	6-15'	E	C,IV-4,5,12,23
<i>R. ovata</i>	Sugar Bush	L	3-15'	6-15'	E	C,IV,D-4,5,12,23
<i>Ribes aureum</i>	Golden Currant	L	3-6'	3-6'	D	C,IV,D-7,10,12,23
<i>R. malvaceum</i>	Chaparral Currant	L	6-8'	6-8"	D	IV-7,10,12,23
<i>R. sanguineum</i> & cultivars	Red Flowering Currant	M,L	4-12'	4-8'	D	C,IV,D-7,10,12,23
<i>R. speciosum</i>	Fuchsia-Flowering Gooseberry	L	3-6'	3-6'	D	C,IV,D-4,7,10,12,23
<i>R. viburnifolium</i>	Catalina Perfume	L	3'	12'	E	C,IV-7,10,12,23
<i>Romneya coulteri</i>	Matilija Poppy	L	-8'	4'	D	C,IV,D-5,6,10,12,17
<i>Rosa</i> species	Rose	M	varies	varies	E/D	C,IV,D-10,16,17
<i>Salvia</i> species	Sage	L	varies	varies	E/D	C,IV,D-4,7,10,12,17,23
<i>Simmondsia chinensis</i>	Jojoba	L,VL	3-8'+	4-8'	E	C,IV,D-4,6,11,23
<i>Strelitzia reginae</i>	Bird of Paradise	M	5'	4'	E	C,IV-3,4,10,18
<i>Trichostema lanatum</i>	Wooly Blue Curls	L,VL	3-5'	5'	E	C,IV,D-6,7,10,12,17
<i>Tulbaghia violacea</i>	Society Garlic	M	18'	2'	E/D	C,IV,D-3,10,19
<i>Viburnum</i> species	Viburnum	M	varies	varies	E/D	C,IV,D-3,7,10
<i>Westringia fruticosa</i>	Coast Rosemary	M,L	5-7'	6-12'	E	C,IV,D-4,6,18
<i>Xylosma congestum</i>	Shiny Xylosma	M,L	15'+	15'+	E	C,IV,D-5,16,18
X.c. 'Compacta'	Compact Xylosma	M,L	8-12'	8-12'	E	C,IV,D-5,16,18
<i>Yucca</i> species	Yucca	L,VL	varies	varies	E	C,IV,D-6,10,15

TREES

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT FT	SPREAD FT	E/D	GEOGRAPHICAL AREA-COMMENTS
<i>Acer macrophyllum</i>	Bigleaf Maple	M	30-95'	30-95'	D	C,IV-12,21,23
<i>A. negundo</i>	Box Elder	M,L	-60'	-50'	D	IV,D-12,23
<i>A. palmatum</i>	Japanese Maple	M	-20'+	-20'	D	C,IV-6
<i>A. saccharinum</i>	Silver Maple	M	40-100'	40-100'	D	C,IV,D-22
<i>Aesculus californica</i>	California Buckeye	M,L	20+	30'	D	C,IV,D-6,7,10,12,23
<i>Agonis flexuosa</i>	Silver Spreader	M,L	25-35'	25-35'	E	C,IV-3,22
<i>Albizia julibrissin</i>	Silk Tree	M	-40'	40'+	D	C,IV,D-7,10,22
<i>Alnus cordata</i>	Italian Alder	M	40'	25'	D	C,IV,D-22
<i>A. rhombifolia</i>	White Alder	H,M	50-90'	40'	D	IV-12,21,23
<i>Arbutus 'Marina'</i>	NCN	M,L	-40'	-40'	E	C,IV,D-5,7,10,11,23
<i>A. unedo</i>	Strawberry Tree	M,L	12-35'	20-35'	E	C,IV,D-5,7,10,11,23
<i>Archontophoenix cunninghamiana</i>	King Palm	M	50'	10-15'	E	C,IV-3,10,15
<i>Bauhinia variegata</i>	Purple Orchid Tree	M	20-35'	35'	E/D	C,IV-4,10
<i>Betula pendula</i>	European White Birch	M	30-40'	30'	D	C,IV,D-6,22
<i>Brachychiton acerifolius</i>	Flame Tree	L	60'	45-50'	D	C,IV,D-10,22
<i>B. populneus</i>	Kurrajong Bottle Tree	L	30-50'	30'	E	C,IV,D-10,22
<i>Brahea armata</i>	Blue Hesper Palm	L,VL	40'	10'	E	C,IV,D-6,10,15
<i>B. edulis</i>	Guadalupe Palm	L,VL	30'	10'	E	C,IV,D-6,15
<i>Callistemon citrinus</i>	Lemon Bottlebrush	M,L	-25'	-15'	E	C,IV,D-4,7,10
<i>C. viminalis</i>	Weeping Bottlebrush	M,L	20-30'	-15'	E	C,IV-4,7,10
<i>Calodendrum capense</i>	Cape Chestnut	M	30'	25-40'	D	C,IV-7,10
<i>Carya illinoensis</i>	Pecan	M,L	70'	70'	D	C,IV,D-6,11
<i>Cercidium floridum</i>	Blue Palo Verde	L,VL	30'	30'	D	IV,D-6,10,12,21,23
<i>C. micropyllum</i>	Littleleaf Palo Verde	L,VL	25'	25'	D	IV,D-6,7,10,12,21,23
<i>Cercis occidentalis</i>	Western Redbud	M,L	20'	20'	D	C,IV,D-7,10,12,23
<i>Chamaerops humilis</i>	Mediterranean Fan Palm	M	20'	20'	E	C,IV,D-15
<i>Chilopsis linearis</i>	Desert Willow	L	-35'	-35'	D	IV,D-6,7,10,12,23
<i>Chionanthus retusus</i>	Chinese Fringe Tree	M	20'	20'	D	C,IV-10
<i>Chitalpa tashkentensis</i>	Chitalpa	M,L	20-30'	20-30'	D	C,IV,D-7,10,12
<i>Chorisia speciosa</i>	Floss Silk Tree	M	30-60'	30-40'	D	C,IV,D-10,22
<i>Cinnamomum camphora</i>	Camphor Tree	M,L	50'+	60'+	E	C,IV,D-22
<i>Cocculus laurifolius</i>	Laurel Leaf Snail Seed	M	25'	30'+	E	C,IV,D-4
<i>Cordyline australis</i>	Giant Dracaena	M	30'	15'	E	C,IV,D-15
<i>Cupaniopsis anacardioides</i>	Carrot Wood	M	40'	40'	E	C,IV,D-20
<i>Dracaena drago</i>	Dragon Tree	M,L	20'	20'	E	C,IV-3,10,14,15
<i>Eriobotrya deflexa</i>	Bronze Loquat	M,L	20'	20'	E	C,IV,D-10
<i>Erythrina species</i>	Coral Tree	M,L	varies	varies	D	C,IV,D-3,7,8
<i>Feijoa sellowiana</i>	Pineapple Guava	M,L	18-25'	-25'	E	C,IV,D-3,7,8,10,11,16
<i>Ficus species</i>	Fig	M,L	varies	varies	E,D	C,IV,D-3,8

TREES cont'd

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT FT	SPREAD FT	E/D	GEOGRAPHICAL AREA-COMMENTS
<i>Fraxinus augustifolia</i>	Raywood Ash	M	25+35'	30'	D	C,IV,D-22
<i>F. dipetala</i>	Foothill Ash	L,VL	18-20'	20-30'	D	C,IV,D-12,21,22,23
<i>F. latifolia</i>	Oregon Ash	M	40-80'	40-60'	D	C,IV,D-12,22,23
<i>F. velutina</i>	Arizona Ash	M,L	20-50'	30-50'	D	C,IV,D-22,23
<i>F.v. Coriacea</i>	Montebello Ash	M,L	20-40'	20-40'	D	C,IV,D-12,22,23
<i>Geijera parviflora</i>	Australian Willow	M,L	25-30'	20-30'	E	C,IV,D-6
<i>Ginkgo biloba</i>	Maidenhair Tree	M,L	35-80'	30-60'	D	C,IV,D-6,22
<i>Gleditsia triacanthos</i>	Honey Locust	M,L	35-70'	-30'	D	IV,D-6,22
<i>Heteromeles arbutifolia</i>	Toyon	L,VL	15-30'	15-30'	E	C,IV,D-5,7,10,12,23
<i>Hymenosporum flavum</i>	Sweetshade Tree	M,L	20-40'	15-20'	E	IV-10
<i>Jacaranda mimosifolia</i>	Silver Spreader	M,L	25-40'	-30'	D	C,IV,D-10,22
<i>Juglans californica</i>	Southern California Black Walnut	L	20-35'	30-45'	D	C,IV,-5,6,12,23
<i>Koelreuteria bipinnata</i>	Chinese Flame Tree	M	20-40'	-45'	D	C,IV,D-6,22
<i>K. paniculata</i>	Golden Rain Tree	M,L	20-35'	-40'	D	IV,D-20,22
<i>Lagersiroemia indica</i>	Crape Myrtle	M,L	-30	-20	D	IV,D-10,22
<i>Liquidambar formosana</i>	Chinese Sweet Gum	M	40-60'	25'	D	C,IV,D-7
<i>L. styraciflua</i>	American Sweet Gum	M	60'	-25'	D	C,IV,D-7
<i>Liriodendron tulipifera</i>	Tulip Tree	M	60-80'	40'	D	C,IV,D-22
<i>Lithocarpus densiflorus</i>	Tanbark Oak	L	-60'	-40'	E	C,IV-6,12,23
<i>Magnolia species</i>	Magnolia	M	varies	varies	E,D	C,IV,D-6,8,10,22
<i>Maytenus boaria</i>	Mayten Tree	M,L	30-50'	30'	E	IV-6,22
<i>Metasequoia glypstruboides</i>	Dawn Redwood	H,M	-80'	-40'	D	C,IV-22
<i>Metrosideros excelsus</i>	New Zealand Christmas Tree	L,VL	-30'	-30'	E	C,IV-5,6,7,10
<i>Morus alba</i>	White Mulberry	M,L	20-60'	30-50'	D	IV,D-11,16
<i>Olea europea</i>	Olive	L,VI	-35'	20-30'	E	C,IV,D-11,16,20
<i>Parkinsonia aculeata</i>	Jerusalem Thorn	L,VL	15-30'	15-30'	D	C,IV,D-3,6,7,10,22,
<i>Pistacia chinensis</i>	Chinese Pistache	M,L	-60'	-50'	D	C,IV,D-22
<i>Pittosporum phylliraeoides</i>	Willow Pittosporum	L	15-25'	10-15'	E	C,IV,D-10
<i>P. rhombifolium</i>	Queensland Pittosporum	M	15-35'	-25'	E	C,IV,D-22
<i>P. undulatum</i>	Victorian Box	M	-25'	-25'	E	C,IV-22
<i>Platanus acerifolia</i>	London Plane Tree	L	40-80'	30-40'	D	C,IV,D-22
<i>P.racemosa</i>	California Sycamore	L	50-100'	50-100'	D	C,IV,D-12,21,22,23
<i>Podocarpus gracilior</i>	Fern Pine	M	-60'	-60'	E	C,IV,D-16,22
<i>P. macrophyllus</i>	Yew Pine	M	-50'	-45'	E	C,IV,D-16,22
<i>Populus fremontii</i>	Fremont Cottonwood	M	40-60'	40-60'	D	C,IV,V-12,21,22,23
<i>Prosopis glandulosa</i>	Honey Mesquite	L,VL	25-30'	25-30'	D	C,IV,D-5,7,22,23
<i>P. juliflora</i>	Mesquite	L,VL	40-50'	40-50'	D	C,IV,D-5,7,12,22,23
<i>Prunus species & cultivars</i>	Cherry	varies	varies	varies	E,D	C,IV,D-7,8,10,11,16
<i>P. ilicifolia</i>	Hollyleaf Cherry	L,VL	15-30'	15-30'	E	C,IV,D-7,11,12,16,23
<i>P. lyonii</i>	Catalina Cherry	L,VL	20-45'	30'+	E	C,IV,D-7,11,12,16,23
<i>Punica granatum</i>	Pomegranate	L	12-18'	-20'	D	C,IV,D-7,11,20
<i>Quercus agrifolia</i>	Coast Live Oak	L,VL	30-70'	70'+	E	C,IV,D-6,12,23
<i>Q. chrysolepis</i>	Canyon Live Oak	M,L	30-60'	20-60'	E	C,IV-6,12,36
<i>Q. douglasii</i>	Blue Oak	M	50'	>50	D	C,IV,D-6,12,23
<i>Q. engelmannii</i>	Engelmann Oak	I	60'	>60'	E	IV,D-6,12,33,23
<i>Q. ilex</i>	Holly Oak	M	40-70'	40-70'	E	C,IV,D-6,23
<i>Q. kelloggii</i>	California Black Oak	M	30-80'	-60'	D	IV-6,12,23
<i>Q. lobata</i>	Valley Oak	L,VL	70'+	70'+	D	C,IV-6,12,23
<i>Q. palustris</i>	Pin Oak	H,M	50-80'	5-70'	D	C,IV,D-6,22,23
<i>Q. rubra</i>	Red Oak	H,M	-90'	90'	D	C,IV-6,23

TREES cont'd

BOTANICAL NAME	COMMON NAME	WATER NEEDS	HEIGHT FT	SPREAD FT	E/D	GEOGRAPHICAL AREA-COMMENTS
<i>Q. suber</i>	Cork Oak	M	70-100'	-100'	E	C,IV,D-6,23
<i>Q. virginiana</i>	Southern Live Oak	M,H	60'	100'	E/D	C,IV,D-22
<i>Q. wislizenii</i>	Interior Live Oak	M,L	30-75'	75'+	E	IV,D-6,12,23
<i>Rhus lancea</i>	African Sumac	L	20-30'	20-30'	E	C,IV,D-20,22
<i>Robinia ambigua</i>	Locust	M,L	30-50'	-30'	D	IV,D-1,7,10,22
<i>R. pseudoacacia</i>	Black Locust	L	-75'	30-40'	D	IV,D-1,5,7,10,20,22
<i>Sapium sebiferum</i>	Chinese Tallow Tree	M	-35'	-35'	D	IV,D-22
<i>Schefflera actinophylla</i>	Queensland Umbrella Tree	H,M	20'+	20'+	E	C-3,8,18
<i>S. pueckleri</i>	Tupidanthus	H,M	20'+	20'+	E	C-3,8,18
<i>Syagrus romanzoffianum</i>	Queen Palm	M	50'	-20'	E	C,IV-15
<i>Tabebuia chrysotricha</i>	Silver Spreader	M	25-30'	-30'	E	C,IV-6,10,22
<i>T. impetiginosa</i>	Pink Trumpet Tree	M	35'	-30'	E	C,IV-6,10,22
<i>Taxodium mucronatum</i>	Montezuma Cypress	H-L	75'	35'	E/D	IV-22
<i>Tipuana tipu</i>	Tipu Tree	M	-50'	-50'	D	C,IV-10,22
<i>Trachycarpus fortunei</i>	Windmill Palm	M	-30'	-6'	E	C,IV,D-15
<i>Tristania conferta</i>	Brisbane Box	L,VL	30-60'	-40'	E	C,IV-22
<i>Umbellularia californica</i>	California Bay	L,VL	30-75'	30-75'	E	C,IV,D-5,12,23
<i>Zelkova serrata</i>	Sawleaf Zelkova	M	60'	60'	D	IV,D-22
<i>Ziziphus jujuba</i>	Chinese Jujube	M,L	20-30'	20-30'	D	C,IV,D-11,20,22