Water Conserving Plants;

A list of water using trees, shrubs, vines, & groundcovers

Published by the City of Sunnyvale, Community Development Department, Planning Division
456 West Olive Avenue, Sunnyvale, California 94086

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CD 325 (5/93)

The drought conditions that California has experienced in recent years have emphasized the importance of conserving water. In April, 1990, the City of Sunnyvale passed an ordinance that requires the use of water conserving plants for at least 70% of the plant materials used in new and modified landscaping plans.

The City of Sunnyvale has developed the following list of water conserving plants to assist developers and property owners in selecting plants that will meet the City's requirement. There may be additional plants that can be used with the approval of the Director of Community Development.

Reading List
Waterwise Landscaping

City of Aurora, Colorado, Landscape for Water Conservation: XERISCAPE!, 1989.

Department of City Planning, City of San Jose, Landscape and Irrigation Guidelines, September, 1989.

EBMUD, Water-Conserving Plants & Landscapes for the Bay Area, 1990.

EBMUD, "Creating a Water Conserving Landscape."

Perry, Robert C., Trees & Shrubs for Dry California Landscapes, California Polytechnic State University, 1989.

Saratoga Horticulture Foundation, Success List of Water Conserving Plants.

Sunset, Waterwise Gardening, Lane Publishing, 1990.

Sunset, Western Garden Book, Lane Publishing, 1988.

Sunset, Video Waterwise Gardening, Lane Publishing, 1990.

Sunset Magazine, "Drip", July 1988.

Sunset Magazine, "The Unthirsty 100", October 1988.

Definition of Terms on Charts

The meaning of some of the terms on the following charts of water conserving trees, shrubs, groundcovers and vines is apparent, while others need explanation.

Growth Rates are defined as VS (Very Slow), S (Slow), S-M (Slow to Medium), M (Medium), M-F (medium to Fast), F (Fast), and VF (Very Fast).

Source indicates the books where the information on a particular plant was obtained. The main references used were the Sunset Western Garden Book, 1988, which is identified by the letter "S", and East Bay Municipal Utility District's Water-Conserving Plants and Landscapes for the Bay Area, 1990, which is identified by the letters "EB".

The plants are also identifed by type:

Deciduous (D) means the plant loses its leaves during the winter months.

Evergreen (E) means the plant keeps its leaves year-round.

Perennial (P) means a plant which lives from year to year and which usually has a single blooming season.

TREES

TYPE OF TREE *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Acacia melanoxylon Blackwood Acacia	to 40	to 20	E	cream	F	S
Aesculus californica California Buckeye	20+	= height	D	cream	S-M	S,EB
Agonis flexuosa Peppermint Tree	20	20-30	D	white	F	S,EB
Albizia julibrissin Silk Tree	to 40	to 50	D	pink	F	S
Brachychiton populneus Bottle Tree	30-50	30	E	white	M	S
Casuarina cunninghamiana River She-Oak	to 70	½ height	E	-	F	S,EB
Casuarina stricta Beefwood	20-35	⅔ height	E	-	F	S,EB
Cedrus atlantica Atlas Cedar	40-60	½ height	E	-	M	S,EB
Cedrus deodora Deodar Cedar	to 80	½ height	E	-	M-F	S,EB
Celtis australis European Hackberry	45-75	35-50	D	-	F	S,EB

TREES

TYPE OF TREE *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Celtis sinensis Chinese Hackberry	30-50	½ height	D	-	F	S,EB
Ceratonia siliqua Carob Tree	30-40	= height	E	red	M	S,EB
Cercis canadensis Eastern Redbud	to 30	= height	D	pink	S-M	S,EB
Cercis occidentalis Western Redbud	10-18	= height	D	magenta or yellow	F	S,EB
Cupressus glabra Smooth Arizona Cypress	30-60	½ height to 20 ft.	E	-	F	S,EB
Eriobotrya deflexa Bronze Loquat	18	25	E	white	F	S,EB
Eriobotrya japonica Japanese Loquat	15-30	20-30	E	white	M	S,EB
Eucalyptus camaldulensis Red Gum	80-120	-	E	-	VF	S,EB
Eucalyptus gunnii Cider Gum	40-75	½ height	E	white	F	S,EB
Eucalyptus leucoxylon White Ironbark	20-80	½ height	E	white	F	EB

TREES

TYPE OF TREE *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Eucalyptus polyanthemos Silver Dollar Gum	30-60	15-40	E	white	F	S,EB
Eucalyptus rudis Desert or Swamp Gum	30-60	-	E	white	F	S
Eucalyptus sideroxylon Red or Pink Ironbark	20-80	½ height	E	red	F	S
Eucalyptus viminalis Manna Gum	to 150	-	E	white	F	S
Fraxinus 'Moraine' Moraine Ash	to 40	to 30	D	-	F	S,EB
Fraxinus oxycarpa 'Raywood' Raywood Ash	to 40	⅔ height	D	-	F	S,EB
Fraxinus uhdei Evergreen Ash	to 80	to 50	E	-	VF	S,EB
Ginkgo biloba Maidenhair Tree	30-50	= height	D	-	VS	S,EB
Juglans hindsii California Black Walnut	30-60	= height	D	-	F	S,EB
Koelreuteria bipinnata Chinese Flame Tree	20-40	= height	D	yellow	M	S,EB

TREES

TYPE OF TREE *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Pinus edulis Pinon Nut Pine	10-20	-	E	-	S	S
Pinus eldarica Eldarica Pine	40	= height	E	-	F	S,EB
Pinus halepensis Aleppo Pine	30-60	= ½ height	E	-	M-F	S
Pinus pinea Italian Stone Pine	40-80	-	E	-	M	S,EB
Pinus sabiniana Digger Pine	40-50	-	E	-	F	S
Pinus thunbergiana Japanese Black Pine	20-30	= height	E	-	M	S,EB
Pistacia chinensis Chinese Pistache	30-40	= height	D	-	M	S,EB
Pittosporum eugenioides no common name	40	10-20	E	-	M	S,EB
Platanus acerifolia London Plane Tree	40-80	30-40	D	-	F	S,EB
Platanus acerfolia v. Yarwood	40-80	30-40	D	-	F	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Abelia grandiflora Glossy Abelia	3-8	5+	E	white	F	S,EB
Acacia decora Graceful Wattle	6-8	= height	E	yellow	F	S
Agapanthus orientalis Lily-of-the-Nile	1-2.5	1-3	P	blue or white	F	S,EB
Alyogyne huegelii Blue Hibiscus	to 6	½ height	E	lilac	F	S,EB
Arbutus unedo Strawberry Tree	8-25	= height	E	white	S-M	S,EB
Arctostaphylos Manzanita	varies	5+	E	pink or white	M	S,EB
Artemisia Wormwood	1-5	-	E,D	-	F	S,EB
Artriplex Saltbush	1-10	1-12	E,D	-	-	S
Baccharis pilularis Coyote Brush	8" - 24"	6 ft.	E	-	VF	S,EB
Berberis darwinii Darwin's Barberry	5-7	= height	E	orange	S-M	S,EB
Berberis mentorensis no common name	to 7	= height	E	-	-	S

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Berberis thunbergii Japanese Barberry	4-6	= height	D	orange	M	S,EB
Buxus microphylla Boxwood	4	= height unpruned	E	-	S	S,EB
Calceolaria integrifolia no common name	1.5-6	-	P	yellow or red	-	S
Callistemon citrinus Lemon Bottlebrush	15	= height	E	red	F	S,EB
Caragana arborescens Siberian Pea-Shrub	20	15	D	yellow	F	S
Catha edulis Khat	8	Spreading shrub	E	white	-	S
Ceanothus thyrsiflorus Blue Blossom	4-6	= height	E	white	F	S,EB
Ceanothus 'Frosty Blue' Frosty Blue California Lilac	13	= height	E	blue	VF	S,EB
Ceanothus 'Concha' no common name	5-7	6-8	E	blue	M-F	S,EB
Cercis occidentalis Western Redbud	10-18	= height	D	magenta or yellow	F	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Cercocarpus species Mountain Mahogany	4-12	= height	ED	-	-	S
Chaenomeles cultivars Flowering Quince	2-8	1-1.5 height	D	salmon to red	M-F	S,EB
Cistus Rockrose	2-5	= height	E	pink or white	F	S,EB
Convolvulus Morning Glory	1-4	= height	E	varies	F	S
Coprosma kirkii Creeping Coprosma	2-3	Creeping shrub	E	-	M	S,EB
Cotinus coggygria Smokebrush	8-25	= height	D	purple	F	S,EB
Cotoneaster lacteus Red Clusterberry	6-15	= height	E	white	-	S
Crassula argentea Jade Plant	to 9	= height	succulent	pink	-	S
Crassula falcala No Common Name	4	= height	succulent	scarlet	-	S
Cytisus praecox 'Warminster' Moonlight Broom	3-5	4-6	E	yellow	F	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Dendromecon Bush Poppy	to 20	-	E	yellow	F	S
Dodonaea viscosa Hop Bush	12-15	= height	E	-	F	S
Echium fastuosum Pride of Madeira	to 6	= height	P	purple	-	S
Elaeagunus pungens Thorny Elaeagnus	6-15	2 height	E	white	F	S,EB
Eriogonum giganteum St. Catherine's Lace	3-8	2 height	E	cream to pink	F	S,EB
Eriogonum crocatum Saffron Buckwheat	18"	= height	E	yellow	F	S,EB
Eriogonum umbellatum Sulfur Buckwheat	8"	3 ft.	E	yellow	F	S,EB
Escallonia 'Fradesi' no common name	5-6	-	E	pink	M	S
Escallonia Dwarf Escallonia	3-4	6	E	red & pink	M	S,EB
Euryops pectinatus Golden Shrub Daisy	3-6	1-1.5 x height	E	yellow	F	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Fallugia paradoxa Apache Plume	3-8	-	E	white	-	S
Feijoa sellowiana Feijoa, Pineapple Guava	10-25	1.5 x height	E	red	M	S,EB
Fremontodendron hybrids Flannel Bush	to 20	-	E	yellow	VF	S,EB
Garrya elliptica Coast Silktassel	8-10	-	E	-	F	S,EB
Genista Broom	1-2	spreading	D	yellow	-	S
Grevillea 'Canberra' No Common Name	10	15	E	red	F	S,EB
Hakea suaveolens Sweet Hakea	10-20	-	E	white	F	S
Heteromeles arbutifolia Toyon	8-10	= height	E	white	M	S,EB
Juniperus chinensis 'Mint Julep' Mint Julep Juniper	3	6	E	-	M	S,EB
Juniperus chinensis 'Kaizuka' Hollywood Juniper	30	40	E	-	M	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Lagerstroemia indica Crape Myrtle	6-30	= height	D	pink, purple, red, white	S	S
Lantana montevidensis Trailing Lantana	1	3-6	E	lilac	F	S,EB
Lavandula angustifolia English Lavender	3	1.5 x height	E	lavender	M	S,EB
Lavandula dentata French Lavender	3	1.5 x height	E	lavender	M	S,EB
Lavatera assurgentiflora Tree Malow	5-12	-	E	lavender	F	S
Leonotis leonurus Lion's Tail	6	6	E	orange	F	S,EB
Leptospermun laevigatum Australian Tea Tree	20	= height	E	pink to white	M-S	S,EB
Leptospermun scoparium cultivars New Zealand Tea Tree	to 20	= height	E	white	F	S
Leucophyllum frutescens Texas Ranger	5-12	4-6	E	rose-purple	S	S
Ligustrum japonicum Japanese Privet	10-12	-	E	-	F	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Lysiloma thomberi Feather Bush	12	= height	E	white	-	S
Mahonia aquifolium Oregon Holly Grape	3-6	-	E	yellow	M	S,EB
Mahonia pinnata California Holly Grape	4-5	= height	E	yellow	M	S,EB
Melaleuca Melaleuca	varies 8-40	varies	E	varies	M	S,EB
Myrica californica Pacific Wax Myrtle	8	= height	E	-	M	S,EB
Myrsine africana African Boxwood	5	2	E	-	M	S,EB
Mytus communis Myrtle	20	-	E	white	M	S,EB
Nandina domestica Heavenly Bamboo	6-8	½ height	E	white	M	S,EB
Nerium oleander Oleander	4-15	= height	E	varies	VF	S,EB
Osmanthus fragrans Sweet Olive	20	½ height	E	white	S-M	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Phormium tenax New Zealand Flax	8	12	E	maroon	F	S,EB
Photinia x 'Fraseri' Fraser's Photinia	10	10+	E	white	F	S,EB
Photinia serrulata Chinese Photina	20	1.5 height	E	white	M	S,EB
Phyllostachys aurea Golden Bamboo	10-20	spreading grass	E	-	VF	S,EB
Pinus monophylla Singleleaf Pinon	10-25	-	E	-	VS	S
Pinus mugo Swiss Mountain Pine	varies	-	E	-	S	S,EB
Pittosporum eugenioides no common name	40	½ height	E	-	M	S,EB
Plumbago auriculata Cape Plumbago	6	10	E	blue or white	M	S,EB
Podocarpus macrophylla Yew Pine	10-30	½ height	E	-	S	S,EB
Prunus caroliniana Carolina Laurel Cherry	12-20	-	E	white	F	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Prunus ilicifolia Holy-Leaf Cherry	15	= height	E	white	M	S,EB
Prunus lusitanica Portugal Laurel	6-15	-	E	white	S-M	S,EB
Prunus lyonii Catalina Cherry	15	= height	E	white	M	S,EB
Punica granatum varieties Pomegranate	12	= height	E	orange & red	S-M	S,EB
Pyracantha Firethorn	varies	varies	E	white	F	S,EB
Raphiolepis indica India Hawthorn	varies	varies	E	pink-white	M	S,EB
Raphiolepis umbellata Yeddo Hawthorn	8	12	E	white	M	S,EB
Rhamnus alaternus Italian Buckthorn	12-20	= height	E	greenish-yellow	F	S,EB
Rhamnus californica California Coffeeberry	3-15	1.5 height	D	-	F	S,EB
Rhus integrifolia Lemonade Berry	4-10	= height	E	pink	M	S,EB

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Rhus ovata Sugar Bush	3-10	-	E	white to pink	M	S
Ribes speciosum Fuchsia-Flowered Gooseberry	3-6	= height	D	red	M	S,EB
Ribes viburnifolium Evergreen Currant	3	12	E	pink to purple	M	S,EB
Rosa rugosa Ramanas Rose	3-8	-	D	varies	S	S
Rosmarinum officinalis cutlivars Rosemary	2-6	-	E	blue	F	S,EB
Salvia clevelandii Cleveland Sage	4	1.5 height	E	blue-violet	F	S,EB
Salvia leucantha Mexican Sage	3-4	= height	E	purple	F	S,EB
Santolina chamaecyparissus Lavender Cotton	2	4	E	yellow	M-F	S,EB
Sollya heterophylla Australlian Bluebell	1.5-2	1.5 height	E	blue	S-M	S,EB
Spartium junceum Spanish Broom	6-10	= height	E	yellow	-	S

SHRUBS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Syzigium paniculatum Australian Brush Cherry	30	8	D	white	F	S,EB
Tamarix Tamarisk	to 50	varies	D	varies	-	S
Taxus Yew	to 60	varies	E	-	varies	S
Teucrium Germander	to 8 ft.	varies	E	varies	varies	S
Trichostema lanatum Wooly Blue Curls	3-5	-	E	varies	-	S
Viburnum japonicum No Common Name	10-20	-	E	white	-	S
Viburnum tinus Laurustinus	3-20	½ height	E	white	M-F	S,EB
Viburnum suspensum Sandankwa Viburnum	8-10	= height	E	white	M	S,EB
Westringia rosmariniformis Rosemary Bush Westringia	10-20	1.5 x height	E	white	F	S,EB
Xylosma congestum Shiny Xylosma	10-20	1+ x height	E	-	F	S,EB

TREES

TYPE OF TREE *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Quercus lobata Valley Oak	70	1.5 height	D	-	M	S,EB
Quercus suber Cork Oak	30	= height	E	-	M	S,EB
Rhus lancea African Sumac	to 25	= height	E	-	F	S,EB
Sequoia sempervirens Coast Redwood	to 100	½ height	E	-	F	S,EB
Tristania laurina Swamp Myrtle	to 40	½ height	E	yellow	S-M	S,EB
Zizyphus jujuba Chinese Jujube	to 20	= height	D	-	M-S	S,EB

TREES

TYPE OF TREE *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Populus fremontii Western or Fremont Cottonwood	40-60	-	D	greenish yellow	F	S
Prunus caroliniana Carolina Laurel Cherry	35-40	-	E	white	M	S,EB
Prunus cerasifera Purple-Leaf Plum	25-30	= height	D	pink	M	S,EB
Prunus ilicifolia Holly-Leaf Cherry	20-30	1.25 height	E	white	M	S,EB
Prunus lusitanica Portugal Laurel	30	-	E	white	S-M	S,EB
Prunus lyonii Catalina Cherry	20-30	1.25 height	E	white	M	S,EB
Pyrus calleryana Flowering Pear	40	25-30	D	white	M	S,EB
Pyrus kawakamii Evergreen Pear	-	-	E	white		S
Quercus agrifolia Coast Live Oak	40	70	E	-	M	S,EB
Quercus ilex Holly Oak	40-70	= height	E	-	M	S,EB

TREES

TYPE OF TREE *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Koelreuteria paniculata Goldenrain Tree	20-35	10-20	D	yellow	M	S,EB
Lagerstroemia indica Crape Myrtle	to 30	= height	D	red, purple or white	F	S,EB
Lagerstroemia x fauriei 'Natchez'	35	20	D	white	F	S
Lagerstroemia x fauriei 'Tuscarora'	35	20	D	red	F	S
Liriodendron tulipifera Tulip Tree	60-80	to 40	D	greenish yellow	F	S
Lyonothamnus floribundus Catalina Ironwood	30-60	20-40	E	white	M	S
Maytenus boaria Mayten Tree	30-50	to 20	E	-	S-M	S
Olea europea European Olive	to 30	= height	E	white	S-M	S,EB
Parkinsonia aculeata Jerusalem Thorn	15-30	= height	D	yellow	F	S,EB
Pinus canariensis Canary Island Pine	60-80	½ height	E	-	F	S,EB

GROUNDCOVERS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Arctostaphylos hookeri Monterey Manzanita	1-4	6	E	white to pink	S-M	S,EB
Arctostaphylos 'Point Reyes' Point Reyes Manzanita	1-4	15	E	white to pink	F	EB
Baccharis pilularis Coyote Brush	to 2	6	E	-	VF	S,EB
Ceanothus gloriosus porrectus Mount Vision Ceanothus	2-4	6-8	E	lavender to blue	M-F	S,EB
Ceanothus hearstiorum Hearst Ceanothus	3	6-8	E	medium blue	F	S,EB
Ceanothus maritimus no common name	1-1.5	6	E	medium blue	M	S,EB
Ceanothus rigidus 'Snowball' Snowball Ceanothus	3	6-8	E	white	M	S,EB
Ceratium tomentosum Snow-in-Summer	6-8"	3	P	white	M	S,EB
Cistus salvifolius Sageleaf Rockrose	2	6	E	white	F	S,EB
Coprosma pumila 'Verde Viste' no common name	2.5	8	E	-	S-M	EB

GROUNDCOVERS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Correa Australian Fuchsia	to 5	to 8	E	varies	-	S
Cotoneaster congestus No Common Name	3	= height	E	-	F	S
Cotoneaster horizontalis Rock Cottoneaster	2-3	to 15	D	-	-	S
Cotoneaster 'Lowfast' No Common name	1	10-15	E	-	F	S
Cytisus kewensis Kew Broom	1	4	E	white	M	S,EB
Gazania species and hybrids Gazania	1	clumping or trailing	E	yellow & orange	M-F	S,EB
Hypericum calycinum St. John's Wort	to 1	spreading	E	yellow	F	S,EB
Juniperus chinensis 'Parsonii' Prostrata Juniper	2	10	E	-	F	S,EB
Juniperus virginiana Eastern Red Cedar	1.5	6-8	E	-	F	S,EB
Phyla nodifera Lippia	1"	spreading	P	lilac to rose	F	S,EB

GROUNDCOVERS

PLANT *scientific name* common name	Maximum Height (ft.)	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Polygonum capitatum Pink Knotweed	6-8"	spreading	E	light pink	F	EB
Ribes viburnifolium Evergreen Current	3	12	E	pink to purple	M	S,EB
Rosmarinus officinalis cultivars Rosemary	2.5	-	E	blue	F	S,EB
Thymus Thyme	1"-12"	spreading	P	pink to purple	S	S,EB

VINES

PLANT *scientific name* common name	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Parthenocissus tricuspidata Boston Ivy	-	D	red-orange	VF	S,EB
Passiflora caerulea Passion Vine	-	E	white	M-F	S,EB
Polygonum aubertii Silver Lace Vine	-	E	white	F	S,EB
Rosa banksiae Lady Banks Rose	20+	E	white to yellow	F	S,EB
Rosa 'Cecile Brunner' Cecile Brunner Rose	-	D	pink	F	S,EB
Solanum jasminoides Potato Vine	to 30	ED	white	VF	S,EB
Tecomaria capensis Cape Honeysuckle	15-25	E	orange to red	VF	S,EB
Vitis vinifera Grape	-	D	-	VF	S,EB
Wisteria Wisteria	40	D	varies	M-F	S,EB

VINES

PLANT *scientific name* common name	Maximum Spread (ft.)	Deciduous Evergreen Perennial	Color of Flower	Growth Rate	Source
Campsis radicans Trumpet Creeper	40+	D	orange-red	VF	S,EB
Clytostoma callistegioides Violet or Lavender Trumpet Vine	-	E	lavender	S then F	S,EB
Disticus buccinatoria Blood-Red Trumpet Vine	-	E	orange-red	S-F	S,EB
Gelsemium sempervirens Carolina Jessamine	20+	E	yellow	M	S,EB
Hibbertia scandens Guinea Gold	8-10	E	yellow	M	S,EB
Jasminum polyanthum Pink Jasmine	20	E	white	M	S,EB
Lonicera hildebrandiana Giant Burmese Honeysuckle	-	E	cream to gold	F	S,EB
Lonicera japonica 'Halliana' Hall's Honeysuckle	150sf	E	white to yellow	F	S
Macfadyena unguis-cati Cat's Claw	25-40	D,E	yellow	VF	S,EB

ORDINANCE NO. 2324-90

ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SUNNYVALE AMENDING SECTION 19.46.050 OF THE SUNNYVALE MUNICIPAL CODE TO ESTABLISH REQUIREMENTS FOR WATER CONSERVING LANDSCAPING

The City Council of the City of Sunnyvale does ordain as follows:

SECTION 1. AMENDMENT TO CODE. Section 19.46.050 of Chapter 19.46 of the Sunnyvale Municipal Code is hereby amended by adding subsection (j) thereto to read as follows:

"19.46.050 Landscaping and Usable Open Space.

. . .

(j) Water Conserving Landscaping. On all lots in every zoning district, except those used for single family detached dwellings or duplex dwellings, landscaping shall comply with the requirements of this subsection. The requirements of this subsection shall apply whenever landscaping is installed on any previously unlandscaped lot, landscaping is installed in connection with the construction, replacement or expansion in floor area of any structure or structures, the replacement of existing or missing landscape in excess of five hundred square feet, or the addition of new landscaping in excess of five hundred square feet to existing landscaping. Landscaping installed in conformance with this subsection shall be integrated with existing landscaping. However, this subsection shall not be construed to require the replacement of existing viable landscaping.

All landscaping shall comply with the following standards:

(1) Water conserving plant material shall be installed in seventy percent of all landscaped areas. Landscaped areas include all areas where landscaping is installed whether or not required by this section including, but not limited to, onsite, perimeter and parking lot areas. "Water conserving plant material" shall mean any plant material included in the list of water conserving plant material established pursuant to subdivision (8) of this section. Deviations from the list may be approved by the director of community development upon certification by a landscape architect registered in the State of California or California certified nurseryman, or a City of Sunnyvale Superintendent of Parks or Superintendent of Street Trees and Landscape Division to be of comparable water conserving character and compatible with the soil conditions and growing climate for the proposed project. Turf areas of

public parks, golf courses, cemeteries and school grounds shall be exempt from the percentage requirements of this subdivision.

(2) Annual color or other water intensive landscaping installed in the area not requiring water conserving plant materials shall be confined to high visibility and/or high pedestrian use areas.

(3) Non-water conserving plant materials shall be grouped to provide more effective irrigation.

(4) All turf areas shall be planted with fescue or similar turf requiring less water.

(5) Any mounding with a slope greater than 10% shall not contain turf.

(6) Irrigation systems shall be designed to meet the individual needs of each plant group.

(7) The director of community development may grant exceptions to the requirements of this subsection for recreational or other uses where the exception is reasonably required to allow the proper function or use of the facility or development.

(8) Concurrent with the enactment of this subsection, the City Council shall establish a list of water conserving plant material by motion or resolution. The list shall be maintained in the department of community development and shall be available to the public. Additions to or deletions from the list thereafter may be made by the director of community development.

(a) In addition to the requirement of subsection (h), all irrigation systems shall incorporate a rain shutoff device with an automatic controller, and a backup battery system to operate automatic controllers in case of power failure."

SECTION 2. EXEMPTION FROM CEQA. The City Council finds, pursuant to Title 14 of the California Code of Regulations, Sections 15061(b)(3) and 15378(a), that this ordinance is exempt from the requirements of the California Environmental Quality Act (CEQA) in that it is not a Project which has the potential for causing a significant effect on the environment. This action is

further exempt under the definition of Project in Section 15378(b)(3) in that it concerns general policy and procedure making. The Council therefore directs that a Notice of Exemption be filed with the Santa Clara County Clerk in accordance with Section 14 of the Sunnyvale Guidelines for the Implementation of CEQA adopted by Resolution No. 193-86.

SECTION 3. POSTING AND PUBLICATION. The City Clerk is directed to cause copies of this ordinance to be posted in three (3) prominent places in the City of Sunnyvale and to cause publication once in the Valley Journal, the official newspaper of the City of Sunnyvale, of a notice setting forth the date of adoption, the title of this ordinance, and a list of places where copies of this ordinance are posted, within fifteen (15) days after adoption of this ordinance.

The foregoing ordinance was introduced at a regular meeting of the City Council of the City of Sunnyvale on the 24th day of April, 1990, and was passed and adopted at a regular meeting of said Council on the 1st day of May, 1990, by the following called vote:

AYES: WALDMAN, HANLON, NAPIER, STONE, PARKER, O'TOOLE
NOES: NONE
ABSENT: NONE
ABSTAIN: CASTILLO

APPROVED:

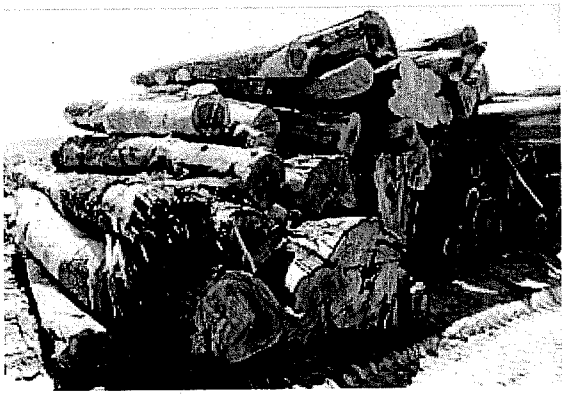
Mayor

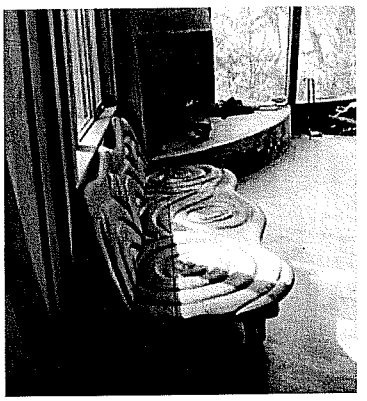
ATTEST:
City Clerk

By Carol Ann Butler
Deputy City Clerk
(SEAL)

PLEASE READ PRIOR TO REMOVING TREES FROM YOUR SITE

Tree Salvaging:
Choosing the Best Use for Removed Trees



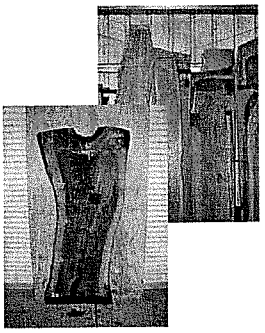


After receiving an approved Tree Removal Permit, you may have several options available concerning how your tree is handled. Before choosing to remove and haul your tree to the landfill for grinding or disposal, find out whether you are able to have the tree salvaged for use as lumber or furniture — **saving money on disposal costs and extending the useful life of this valuable resource!**

Prior to removal of the tree, please contact a tree recycling/reusing business to find out whether:

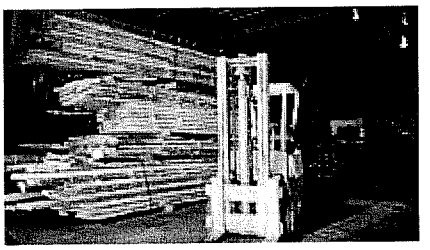
- Your tree type/size is accepted by the company for reuse
- Your tree could be removed by the company at no cost or for a fee
- The company will pay you for your tree

The City does not endorse or recommend any particular business. The following businesses are listed as resources only:



Baker Hardwoods (Gilroy)
www.bakerhardwoods.com
(877) WAL-SLAB - toll free
(408) 847-8433 - phone
(408) 842-0784 - fax

E.B.C.C. Urban Tree Mill (Oakland)
www.urbantreemill.org
(510) 376-9994 - phone
info@urbantreemill.org - email



You may SAVE MONEY on disposal costs by choosing to salvage your tree AND you'll be using resources efficiently!

Printed on recycled paper.