

Residential Landscape Design Templates
Master Plant Substitution List - Medium Water Use Plants

Botanical Name	Common Name	Category	Height	Spread	Height x Spread	Evergreen or Deciduous	Exposure	Color	Bloom time	Habitat	Native	Edible	WUCOLS	Fire Safer	Deer Resistance
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TREES															
<i>Acer buegeranum</i>	Trident Maple	Trees	20'	20'	20'x20'	Deciduous	Full Sun	Red Fall	Not notable				M	Yes	Yes
<i>Acer griseum</i>	Paperbark Maple	Trees	20'	15'	20'x15'	Deciduous	Sun- Pt. Shade	Red Fall	Not notable				M		
<i>Acer macrophyllum</i>	Big Leaf Maple	Trees	50'	30'		Deciduous	Pt. Shade	Yellow Fall	Not notable		Yes		M	Yes	Yes
<i>Acer palmatum</i>	Japanese Maple	Trees	20'	20'	20'x20'	Deciduous	Pt. Shade	Red-Orange	Not notable				M		Yes
<i>Acer rubrum 'Bowhall'</i>	Narrow Red Maple	Trees	40'	15'	40'x15'	Deciduous	Full Sun	Red Fall	Not notable	Birds, Butterflies			M		Yes
<i>Acer x freemanii 'Autumn Blaze'</i>	Autumn Blaze Maple	Trees	50'	40'	50'x40'	Deciduous	Full Sun	Red Fall	Not notable	Birds, Butterflies			M		Yes
<i>Alnus cordata</i>	Italian Alder	Trees	40'	25'	40'x25'	Deciduous	Sun- Pt. Shade	No	Not notable	Birds, Butterflies			M		
<i>Cercis canadensis</i>	Eastern Redbud	Trees	20'	12'	25'x25'	Deciduous	Sun- Pt. Shade	Lt. Purpl	Spring	Birds, Butterflies			M		
<i>Feijoa sellowiana</i>	Pineapple Guava	Trees	12'	12'	18'x18'	Evergreen	Full Sun	Red	Summer	Birds, Butterflies		Yes	M	Yes	Yes
<i>Ficus edulis</i>	Fig	Trees	20'	20'	20'x20'	Deciduous	Full Sun	NA				Yes	M		Yes
<i>Fraxinus velutinus 'Rio Grande'</i>	Arizona Ash	Trees	40'	40'	40'x25'	Deciduous	Full Sun	Yellow Fall	Not notable	Birds, Butterflies			M	Yes	Yes
<i>Malus spp.</i>	Apple	Trees	12'	12'		Deciduous	Full Sun	Red	Spring/Summer			Yes	M		
<i>Nyssa sylvatica</i>	Tupelo	Trees	40'	20'	40'x20'	Deciduous	Sun- Pt. Shade	Org-Red Fall	Not notable	Birds, Butterflies			M		Yes
<i>Platanus racemosa</i>	California Sycamore	Trees	50'	40'	50'x40'	Deciduous	Full Sun				Yes		M	Yes	Yes
<i>Prunus spp.</i>	Cherry - Fruiting	Trees	12'	12'	Varies	Deciduous	Sun- Pt. Shade	White/Pink	Spring			Yes	M		Yes
<i>Pyrus communis</i>	Pear	Trees	18'	12'		Deciduous	Sun- Pt. Shade						M		
<i>Pyrus pyrifolia</i>	Asian Pear	Trees	16'	12'		Deciduous	Sun- Pt. Shade						?		
<i>Quercus robur 'Fastigiata'</i>	Narrow English Oak	Trees	45'	15'	45'x15'	Deciduous	Full Sun			Birds, Butterflies			M		Yes
<i>Sequoia sempervirens</i>	Coast Redwood	Trees	100'	25'	100'x25'	Evergreen	Shade			Squirrels, Bird	Yes		M/H	Yes	Yes
<i>Tilia cordata</i>	Little Leafed Linden	Trees	45'	25'	45'x25'	Deciduous	Sun- Pt. Shade	Yellow in Fall		Bees			M		

SHRUBS															
<i>Camelia sinensis</i>	Green Tea	Shrubs	6'	8'		Evergreen	Sun- Pt. Shade						M?		
<i>Carpenteria californica</i>	CA Bush Anenome	Shrubs	6'	4'	6-4'	Evergreen	Sun- Pt. Shade	White	Spring/Summe	Butterfly, Bird	Yes		M	Yes	Yes
<i>Cerastigma ssp.</i>	Plumbago	Shrubs	2'	3'		Evergreen	Sun- Pt. Shade						L/M		Yes
<i>Citrus spp.</i>	Lemon, Kumquat	Shrubs	8'	8'	2.0m-4.0m	Evergreen	Sun	White	Jan-Dec.			Yes	M		Yes
<i>Escallonia 'Fradesii' & cvs</i>	Escallonia	Shrubs	6'	8'	6' x 8'	Evergreen	Sun-Lt Shade	Pink	Spring - Fall				M	Yes	Yes
<i>Lavatera x clementii 'Kew Rose'</i>	Bush Mallow	Shrubs	6'	8'	6' x 8'	Evergreen	Sun- Pt. Shade	Rose-Pink	Spring - Fall				M		
<i>Lithodora diffusa 'Grace Wand'</i>	Heavenly Blue	Shrubs	24"	36"		Evergreen	Sun- Pt. Shade								Yes
<i>Monardella macrantha 'Marion Simp'</i>	Scarlet Monardella	Shrubs	4"	18"		Evergreen	Sun- Pt. Shade	Scarlet	Jun-Aug						Yes
<i>Pittosporum crassifolium</i>	Dwarf Karo	Shrubs	2'	2'		Evergreen	Sun- Pt. Shade						M	Yes	
<i>Rhododendron occidentale</i>	Western Azalea	Shrubs	5'	5'	2.0m-4.0m	Deciduous	Sun-Pt Shade	White w/ Pin	may-jul				M	Yes	Yes
<i>Ribes aureum gracillimum</i>	Golden Currant	Shrubs	6'	4'	1.0m-3.0m	Deciduous	Sun-Pt Shade	Yellow	apr-aug				L/M		Yes
<i>Rose spp. & cvs</i>	Roses	Shrubs	3'	3'		Deciduous	Sun	Many					VARIABLES		
<i>Rubus calycnoides</i>	creeping raspberry	Shrubs	18"	6'	18" x 6'		Sun-Pt Shade						M		
<i>Rubus cvs</i>	Raspberry	Shrubs	3'	3'	3' x 3'	Deciduous	Sun-Pt Shade						M		
<i>Rubus cvs (select non invasive)</i>	Blackberry (Thornless, Non in	Shrubs	4'	4'	4' x 4'	Deciduous	Sun						M		
<i>Rubus leucodermis</i>	Wild Raspberry	Shrubs	3'	3'	3' x 3'	Deciduous	Sun- Pt. Shade	White	mar-may			Yes	M		
<i>Rubus idaeus x R. loganobaccus</i>	Boysenberry	Shrubs	4'	4'		Deciduous									
<i>Rubus ursinus x R. idaeus</i>	Loganberry	Shrubs	4'	4'		Deciduous							?		Yes
<i>Salvia azurea</i>	Prairie Sage	Shrubs	3'	3'		Deciduous									Yes
<i>Salvia patens</i>	Gentian Sage	Shrubs	4'	4'		Deciduous									Yes
<i>Salvia pulchella x involucrata</i>	Hybrid Rose Leaf Sage	Shrubs	5'	5'		Deciduous									
<i>Salvia uglinosa</i>	Bog Sage	Shrubs	4'	3'		Deciduous									Yes
<i>Salvia darcyi</i>	Sage	Shrubs	3'	3'		Evergreen							VARIABLES		Yes
<i>Salvia dolomitica</i>	Dolomite Sage	Shrubs	4'	3'		Evergreen									Yes
<i>Salvia elegans</i>	Pineapple Sage	Shrubs	4'	4'		Evergreen							M		Yes
<i>Ugni molinae</i>	Chilean Guava	Shrubs	4'	4'		Evergreen							M		Yes
<i>Vaccinium (High bush)</i>	Blueberry	Shrubs	6'	6'		Deciduous	Sun- Pt. Shade						M		
<i>Vaccinium 'Sunshine Blue' (Southern</i>	Blueberry	Shrubs	3'	3'		Deciduous	Sun- Pt. Shade								
<i>Vaccinium ovatum</i>	Evergreen Huckleberry	Shrubs	4'	4'	4' x 4'	Evergreen	Pt Shade - Shade				Yes	Yes	M	No	Yes
<i>Vaccinium vitis idea</i>	Foxberry	Shrubs	1'	2'	1' x 2'	Deciduous	Sun-Pt Shade					Yes	M		Yes

VINES															
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<i>Actinidia ssp.</i>	Kiwi	Vines	20'	20'	20' x 20'	Deciduous	Shade					Yes	M		
<i>Hardenbergia sp.</i>	purple vine lilac	Vines	12'	8'	12' x 12'	Evergreen	Sun- Pt. Shade	Purple	apr-jul				M		Yes
<i>Phaseolus coccineus</i>	Scarlet Runner Bean	Vines	8'	8'	8' x 8'	Deciduous	Sun					Yes	M		
<i>Trachelospermum jasminoides</i>	Star Jasmine	Vines	12'	12'	12' x 12'	Evergreen	Sun						M	Yes	Yes
<i>Vitis ssp.</i>	Edible Grape	Vines	8'	8'	8' x 8'	Deciduous	Sun					Yes	M		
PERENNIALS/BULBS															
<i>Agapanthus spp.</i>	Lily of the Nile	Perennials/Bulbs/Annuals	36"	36"		Evergreen	Sun						M	Yes	
<i>Agastache foeniculum</i>	Anise Hyssop	Perennials/Bulbs/Annuals	24"	36"		Deciduous	Sun						?		
<i>Agastache aurantica & hybrds</i>	Giant Hyssop	Perennials/Bulbs/Annuals	30"	30"		Deciduous	Sun								Yes
<i>Agastache rupestris & hybrds</i>	Licorice Mint	Perennials/Bulbs/Annuals	24"	24"		Deciduous	Sun								Yes
<i>Agastache mexicana & hybrds</i>	Mexican Hyssop	Perennials/Bulbs/Annuals	30"	30"		Deciduous	Sun								Yes
<i>Allium schoenoprasum</i>	Chives	Perennials/Bulbs/Annuals	8"	12"		Deciduous	Sun						M		Yes
<i>Allium tuberosum</i>	Garlic Chives	Perennials/Bulbs/Annuals	8"	12"		Deciduous	Sun						?		
<i>Armeria maritima</i>	Sea Thrift	Perennials/Bulbs/Annuals	8"	8"	.5-1'	Evergreen	Sun		apr- may				M	Yes	Yes
<i>Asclepias curassavica</i>	Scarlet Milkweed	Perennials/Bulbs/Annuals	3'	2'		Deciduous	Sun						M		Yes
<i>Aster ssp.</i>	Aster	Perennials/Bulbs/Annuals	3'	6'		Deciduous	Sun						varies		Yes
<i>Asteriscus maritimus 'gold coin'</i>	Gold Coin Daisy	Perennials/Bulbs/Annuals	1'	3-4'	1'	Deciduous	Sun	Golden	Year-round				M	Yes	Yes
<i>Bergenia spp.</i>	Bergenia	Perennials/Bulbs/Annuals	16"	18"		Deciduous	Shade						M	Yes	Yes
<i>Cerastium tomentosum</i>	Snow in Summer	Perennials/Bulbs/Annuals	20"	48"		Deciduous	Sun							Yes	Yes
<i>Coreopsis 'Flying Saucers'</i>	Coreopsis	Perennials/Bulbs/Annuals	18"	16"		Deciduous	Sun			Butterflies			M	Yes	Yes
<i>Coreopsis ssp.</i>	Coreopsis	Perennials/Bulbs/Annuals	24"	24"		Deciduous	Sun						M	Yes	Yes
<i>Cynara cardunculus var. scolymus</i>	Artichoke	Perennials/Bulbs/Annuals	4'	4'		Deciduous	Sun						?		Yes
<i>Echinacea purpurea</i>	Purple Cone Flower	Perennials/Bulbs/Annuals	36"	36"		Deciduous	Sun						M		Yes
<i>Geranium spp.</i>	Geranium	Perennials/Bulbs/Annuals	30"	30"		Deciduous	Sun						M	Yes	
<i>Helianthella calif.</i>	Calif. Helianthella	Perennials/Bulbs/Annuals	36"	36"		Deciduous	Sun						M		
<i>Helianthus angustifolius</i>	narrowleaf sunflower	Perennials/Bulbs/Annuals	60"	48"		Deciduous	Sun						M		Yes
<i>Helenium bigelovii</i>	Bigelow Sneezeweed	Perennials/Bulbs/Annuals	48"	36"		Deciduous	Sun				Yes				
<i>Helenium puberulum</i>	Rosilla	Perennials/Bulbs/Annuals	36"	24"		Deciduous	Sun				Yes				
<i>Hemerocallis hybrids</i>	Daylily	Perennials/Bulbs/Annuals	36"	36"		Deciduous	Sun						M	Yes	Yes
<i>Heuchera maxima</i>	Island Alum Root	Perennials/Bulbs/Annuals	24"	24"		Evergreen	Pt Shade						M		Yes
<i>Heuchera micrantha 'M.R.'</i>	Corral Bells	Perennials/Bulbs/Annuals	18"	18"		Evergreen	Pt Shade						M		Yes
<i>Heuchera parviflora</i>	Island Alum Root	Perennials/Bulbs/Annuals	12"	12"		Evergreen	Pt Shade						M	Yes	Yes
<i>Iris longipetala</i>	Meadow Iris	Perennials/Bulbs/Annuals	18"	18"		Evergreen	Sun								Yes
<i>Melissa officinalis</i>	Lemon Balm	Perennials/Bulbs/Annuals	36"	36"		Deciduous	Sun						M		
<i>Mimulus cardinalis</i>	Cardinal Monkeyflower	Perennials/Bulbs/Annuals	24"	24"		Deciduous	Sun				L	Yes			Yes
<i>Mimulus guttatus</i>	Seep Monkey Flower	Perennials/Bulbs/Annuals	18"	18"		Deciduous	Sun						M	Yes	Yes
<i>Monarda didyma</i>	Bee Balm	Perennials/Bulbs/Annuals	36"	24"		Deciduous	Sun						M		Yes
<i>Origanum majorana</i>	Marjoram	Perennials/Bulbs/Annuals	12"	16"		Evergreen	Sun						M		Yes
<i>Origanum 'Kent Beauty', 'Green God'</i>	Ornamental Oregano	Perennials/Bulbs/Annuals	8"	12"		Evergreen	Sun						M		
<i>Origanum vulgare</i>	Oregano	Perennials/Bulbs/Annuals	12"	16"		Evergreen	Sun						M		Yes
<i>Pelargonium sidoides</i>	South African Geranium	Perennials/Bulbs/Annuals	20"	24"		Evergreen	Sun								Yes
<i>Petroselinum crispum</i>	Parsley	Perennials/Bulbs/Annuals	18"	18"		Deciduous	Sun						?		Yes
<i>Rheum rhabarbarum</i>	Rhubarb	Perennials/Bulbs/Annuals	36"	48"		Deciduous	Sun						M		Yes
<i>Sidalcea malviflorum</i>	Checkerbloom	Perennials/Bulbs/Annuals	18"	18"		Evergreen	Sun	blue	apr-jul				M		
<i>Sisyrinchium californicum</i>	Yellow Eyed Grass	Perennials/Bulbs/Annuals	12"	18"		Deciduous	Sun						M		Yes
<i>Strelitzia regina</i>	Bird of Paradise	Perennials/Bulbs/Annuals	4'	5'		Deciduous	Sun	yellow	mar-aug				M		Yes
<i>Symphytum</i>	Comfrey	Perennials/Bulbs/Annuals	24"	24"		Deciduous	Sun						M		Yes
<i>Trifolium repens/ fragariferum</i>	Perennial Dutch White Clover	Perennials/Bulbs/Annuals	12"	16"		Deciduous	Sun						M		
<i>Viola odora</i>	Violet	Perennials/Bulbs/Annuals	12"	36"		Deciduous	Sun- Pt. Shade						M		
<i>Zantedeschia aethiopicca</i>	Common Calla	Perennials/Bulbs/Annuals	36"	36"		Deciduous	Sun- Pt. Shade						M	Yes	Yes
GROUNDCOVERS															
<i>Ajuga reptans</i>	Carpet Bugle	Groundcovers and succulents	6"	4'		Evergreen	Sun						M	Yes	Yes
<i>Armeria maritima</i>	Common Thrift	Groundcovers and succulents	10"	10"		Evergreen	Sun						M	Yes	Yes
<i>Fragaria chiloensis</i>	Beach Strawberry	Groundcovers and succulents	8"	36"		Evergreen	Sun- Pt. Shade					Yes	M		Yes
<i>Fragaria vesca</i>	Woodland Strawberry	Groundcovers and succulents	6"	18"		Evergreen	Sun- Pt. Shade						M		Yes
<i>Rubus pentalobus 'emerald carpet'</i>	Creeping Raspberry	Groundcovers and succulents	6"	4'	6"	Evergreen	Sun- Pt. Shade				No	Yes	M	Yes	Yes
GRASSES/SEDGES/RUSHES															

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<i>Carex barbarae</i>	Basket Sedge	Grasses/Sedges/Rushes	18"	36"		Evergreen	Sun- Shade								Yes
<i>Carex densa</i>	Dense Sedge	Grasses/Sedges/Rushes	12"	18"		Evergreen	Sun						M/L	Yes	Yes
<i>Carex praegracilis, C. pansa</i>	Slender Field Sedge	Grasses/Sedges/Rushes	18"	18"	0.1m- 0.5m	Evergreen	Sun- Pt. Shade	na					M/L	Yes	Yes
<i>Cymbopogon citratus</i>	Lemon Grass	Grasses/Sedges/Rushes	3'	3'		Deciduous	Sun						M		Yes
<i>Deschampsia caespitosa</i>	Slender Hair Grass	Grasses/Sedges/Rushes	18"	18"		Evergreen	Sun						M/L	Yes	Yes
<i>Juncus effusus</i>	Common soft Rush	Grasses/Sedges/Rushes	3'	3'	0.3m-1.0m	Evergreen	Sun	na					M/L	Yes	Yes
WILDFLOWERS															
<i>Solidago velutinus ssp. californicus</i>	Goldenrod	Annual & Perennial Wildflowers	3'	3'		Deciduous	Sun						M		Yes