

APPENDIX A: APPROVED PLANT LIST - CSM

APPROVED TREES																					
BOTANICAL NAME	COMMON NAME	CHARACTERISTICS																			
		California Native?	Shape							Color/Flowering			Leaf	Requirements						Water Use	
			Height*			Columnar/Upright	Canopy	Small Accent	Large Accent	Natural/Lg. Shrubs	Spring	Summer	Fall	Evergreen/Deciduous	Maintenance Level			Drought Tolerance			WUCOLS Rating
			Low	Med	Tall										Low	Med	High	Low	Med	High	
Acer palmatum	Japanese Maple		x					x				x	D		x			x		moderate	
Aesculus californica	California Buckeye	Y		x						x			D		x				x	very low	
Calacedrus decurrens	California Incense	Y			x	x							E	x					x	moderate	
Cedrus spp.	Cedar				x					x			E	x					x	low	
Celtis sinensis	Chinese Hackberry			x			x					x	D							low	
Chitalpa tashkentensis	Pink Dawn			x				x			x	x	D						x	low	
Cornus florida	Flowering Dogwood		x										D							moderate	
Crataegus	Hawthornes		x					x					D		x				x	moderate	
Fraxinus uhdei	Evergreen Ash				x		x						E	x					x	moderate	
Lagerstroemia spp.	Crepe Myrtle		x	x				x				x	D			x			x	low	
Magnolia grandiflora spp.	Southern Magnolia				x		x					x	E			x	x			moderate	
Magnolia soulangeana	Saucer Magnolia			x					x				D		x		x			moderate	
Magnolia stellata	Star Magnolia		x					x					D		x		x			moderate	
Melaleucda quinquenervia	Paperbark Tree				x	x						x	E		x				x	low	
Olea europa	Olive (fruitless			x									E	x				x		very low	
Pinus pinea	Stone Pine				x		x						E			x			x	very low	
Pinus radiata	Monterey Pine				x	x							E		x				x	moderate	
Pistachia chinensis	Chinese Pistache			x			x						D		x				x	low	
Pittosporum tobira	Japanese Mock		x					x		x			E	x					x	moderate	
Prunus "Krauerer	Flowering Plum		x							x			D		x				x	low	
Prunus serrulata	Flowering Cherry			x						x			D		x				x	moderate	
Quercus agrifolia	Coast Live Oak				x								E	x					x	very low	
Quercus suber	Cork Oak									x			E							low	
Robinia x ambigua 'Purple	Locust				x		x					x	D		x				x	low	
Sequoia sempervirens	California Redwood	Y			x								E		x				x	high	
Umbellularia californica	California Bay	Y			x								E		x				x	moderate	
Zelkova serrata	Japanese Zelkova				x		x						D							moderate	

\* Tree Heights: Low = 10'-20'; Med = 20'-35'; Tall = 35'+

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**TREES TO AVOID**

<b>BOTANICAL NAME</b>	<b>COMMON NAME</b>	<b>NOTES</b>
Acer circinatum	Vine Maple	Very susceptible to Verticillium wilt, as well as drying winds.
Cercis canadensis	Eastern Redbud	Don't thrive at CSM.
Cercis occidentalis	Western Redbud	Don't thrive at CSM.
Ginkgo biloba	Maidenhair Tree	Don't thrive at CSM.
Lithocarpus densiflorus	Tanbark Oak	Highly susceptible to Sudden Oak Death.
Platanus spp.	Sycamore	Grows well at CSM; however, do not plant any more.

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APPROVED SHRUBS AND LARGE PERENNIALS										
BOTANICAL NAME	COMMON NAME	NOTES	CHARACTERISTICS							
			California Native?	Size		Color			Leaf	Water Use
				Height	Spread	Spring	Summer	Fall	Evergreen/Deciduous	WUCOLS Rating
Arctostaphylos spp.	Manzanita	1	Y	3-6 ft	10-16 in	x			E	moderate
Artemisia tridentata Nutt.	Big Sagebrush			2-7 ft			x		E	very low
Baccharis pilularis 'Twin Peaks'	Dwarf Coyote Brush	2	Y	8-24 in	6 ft	x	x		E	low
Camellia spp.	Camellia			8 ft	8 ft	x	x	x	E	moderate
Ceanothus 'Julia Phelps	Wild Lilac	3	Y	5-7 ft	5-7 ft	x	x		E	low
Cistus spp.	Rock Rose			3 ft	3 ft		x		E	low
Cotinus coggygria	Purple Smoke Tree			12-15 ft	12-15 ft		x		D	low
Cotoneaster spp.	Cotoneaster			varies	varies	x	x	x	D/E	low
Dietes bicolor	Fortnight Lily	3		2-3 ft	2-3 ft	x	x	x	E	low
Escallonia 'compacta'	Escallonia	4		3 ft	3 ft		x	x	E	moderate
Festuca californica	California Fescue		Y	2-3 ft	1-2 ft	x	x		E	low
Fremontodendron californicum	California Glory' variety		Y	6-10 ft	4-8 ft	x			E	very low
Galvezia speciosa "Firecracker"	Island Snapdragon			3 ft	5 ft	x	x	x	E	low
Hemerocallis hybrids	Daylily			2-4 ft	2-4 ft	x	x	x	E/D	moderate
Heteromelles arbutifolia	Toyon		Y	6-10 ft	6-10 ft	x	x	x	E	low
Lepechinia calycina	California Pitcher Plant		Y	2-4 ft	2-4 ft	x		x	E	low
Leptospermum laevigatum	Australian Tea Tree			10 ft+	10 ft +	x			E/D	low
Junipers spp.	Juniper	5		1 ft +	1 ft +				E	low
Melaleuca spp.- shrub form	Melaleuca			15-20 ft	8-12 ft	x	x		E	low
Myrica californica	Pacific Wax Myrtle		Y	10-30 ft	10- 2 ft	x			E	moderate
Nandina domestica	Heavenly Bamboo			6-8 ft	4-5 ft	x	x		E	low
Osmanthus x burkwoodii	Sweet Olive			8-10 ft	8-12 ft	x	x		E	moderate
Pennisetum orientale	Fountain Grass			1-3 ft	1-3 ft				E	moderate
Pennisetum setaceum	Fountain Grass			3-5 ft	2-4 ft				E	low
Philadelphus spp.	Mock Orange			3-5 ft	15-20 ft	x	x		E	moderate
Phormium spp.	New Zealand Flax			varies	varies		x		E	moderate
Rhamnus californica 'Eve Case'	Coffeeberry		Y	6-8 ft	6-8 ft	x			E	low
Rhododendron spp.	Rhododendron			4-8 ft	8-10 ft	x	x	x	E	moderate
Ribes viburnifolius	Evergreen Currant			3-4 ft	4-6 ft	x			E	low
Ribes sanguineum 'Claremont'	Pink Winter Currant		Y	3-5 ft	4-6 ft	x			D	low
Romneya coulteri	Matilija Poppy	6	Y	3-5 ft	6-8 ft	x	x		E	very low
Rosmarinus 'Tuscan Blue'	Rosemary			4-5 ft	4-5 ft				E	low

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BOTANICAL NAME	COMMON NAME	NOTES	CHARACTERISTICS							
			California Native?	Size		Color			Leaf	Water Use
				Height	Spread	Spring	Summer	Fall	Evergreen/	WUCOLS
Salvia apiana	White Sage		Y	4-5 ft	4-5 ft	x	x		E	very low
Salvia clevelandii 'Poza Blue'	Cleveland Sage		Y	4-5 ft	4-5 ft		x		E	low
Salvia leucanthus	Mexican Bush Sage			2-4 ft	2-4 ft		x	x	E	low
Salvia leucophylla	Purple Sage		Y	6-10 ft	10-15 ft	x			E	low
Sarcococca spp.	Sweet Box			3-5 ft	3-5 ft	x			E	low
Tibuchina urvilleana	Princess Flower	7		10-20 ft	7-10 ft		x	x	D	moderate
Woodwardia fibriata	Giant Chain Fern			4 ft	6 ft				E	low
Zauschneria californica 'Ghostly Red'	California Fuchsia		Y	1-2 ft	4-5 ft		x	x	E	moderate
APPROVED GROUNDCOVER AND SMALL PERENNIALS										
Armeria	Sea Pink			.5-1 ft	.5-1 ft	x			E	moderate
Ceanothus 'Yankee Point'	Wild Lilac	8	Y	1-2 ft	6-10 ft	x	x		E	low
Cotoneaster	Cotoneaster			1-2 ft	5-8 ft	x	x		E	low
Gazania	Gazania Daisy			4 in	10 in	x	x	x	E	moderate
Lavandula spp.	Lavender	9		1-2 ft	1-2 ft		x		E	low
Lirope	Lily Turf			1-1.5 ft	.75-1 ft		x	x	E	moderate
Mahonia repens	Oregon Grape		Y	.75-t ft	.75-1.5 ft	x			E	moderate
Mimulus aurantiacus	Bush Monkey Flower		Y	12-18 in	18 in	x	x		semi-E	very low
Ophiopogon japonicus	Mondo grass			4-6 in	6-8 ft		x		E	moderate

Notes

- 1 Deer have not damaged Actostaphylos 'Howard McMimm', 'Luis Edmonds'. Deer have damaged 'Pacific Mist'.
- 2 Susceptible to a variety of diseases (tar spot); better in non-irrigated landscape, but appears tired after a few years.
- 3 Use deer resistant varieties.
- 3 High maintenance, minimize use.
- 4 Not deer resistant at CSM.
- 5 Avoid tam juniper due to twig girdler beetle; avoid male plants due to pollen allergies.
- 6 Specify a root barrier around the planter; this plant spreads aggressively.
- 7 Tendency toward legginess.
  
- 8 Use deer resistant varieties. Deer have not damaged C. 'Dark Star', C. gloriosus, C. thyrsiflorus 'Skylark'. Deer have damaged C. 'Frosty Blue, C. 'Joyce Coulter', C. 'Ray Hardman', C. griseus horizontalis.
- 9 Susceptible to a variety of diseases (tar spot); better in non-irrigated landscape, but appears tired after a few years.

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BOTANICAL NAME	COMMON NAME	NOTES
Agapanthus africanus	Lily-of-the-Nile	Highly susceptible to deer at CSM.
Buxus spp.	Box Wood	Does not thrive at CSM.
Carissa macrocarpa	Natal Plum	Limited historical success with this species at CSM.
Eriogonum spp.	Buckwheat	Attractive to deer at CSM.
	No Mow Fescue	Does not thrive at CSM. No exceptions.
Gaultheria shallon	Salal	Does not thrive at CSM.
Hedera spp.	Ivy	Invasive
Nerium oleander	Oleander	Susceptible to bacterial blight.
Persicaria spp.	Knotweed	Do not use at CSM.
Rosa ssp.	Rose, Carpet Rose	Attractive to deer at CSM.
Tulbagia violacea	Society Garlic	Strong odor during warm weather.