

Scientific name	Common name	Plant Categories	Light Preference		Size (feet)							Watering				Tolerances				High Performers	CA Native	Notes			
			Sun	Part Shade	HL	Width	L	M	H	Summer	Heat	Coast	Wind	Zone 1	Zone 2	Best for irrigated sites	Best for irrigated sites								
<i>Physocarpus opulifolius</i>	pacific redbark	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Part shade and summer water required in hot locations	
<i>Rhamnus californica</i>	California coffeeberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	'Eve Case' is compact with broad foliage. Syn. <i>Fragaria californica</i>	
<i>Rhamnus crocea</i>	redberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Pale sized fruits attract birds, stain concrete	
<i>Rhododendron occidentale</i>	western azalea	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Summer deciduous	
<i>Ribes aureum gracillimum</i>	golden currant	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Easy fall color, deciduous	
<i>Ribes divaricatum</i>	coast black gooseberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Thorny, good for discouraging entry, deciduous	
<i>Ribes sanguineum</i>	red flowering currant	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Thorny, good air movement to avoid white fly, more drought tolerant at coast	
<i>Ribes speciosum</i>	fuchsia-flowered gooseberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Prefer only light summer water after 2nd year, stress deciduous	
<i>Rosa californica</i>	California wild rose	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Hottest branches, good for discouraging entry. Shade in interior, sun at coast	
<i>Rosa gymnocarpa</i>	wood rose	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Easy to grow, thorny	
<i>Rubus parviflorus</i>	brimbleberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Spreads readily in wet areas, prefers regular water	
<i>Rubus speciosus</i>	salmonberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Deciduous, soft spiny stems	
<i>Rubus ursinus</i>	California blackberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Thorny, good for discouraging entry. Harbors beneficial insects	
<i>Symphoricarpos albus</i>	common snowberry	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Adaptable to many conditions, by <i>Symphoricarpos mollis</i> at coast	
<i>Whipplea modesta</i>	whipplea	Shrubs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Best for moist shady spots near coast	
<i>Acer circinale</i>	wine maple	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	In wide riparian areas; top of slope. Avoid hot inland climates and coastal conditions/salt spray.	
<i>Baccharis viminea</i>	seep-willow	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Important plant for butterfly and beneficial insects.	
<i>Chilopsis linearis</i>	desert-willow	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Does best inland	
<i>Copelia comata v. californica</i>	California hazel	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Deciduous, edible nut	
<i>Fraxinus dipetala</i>	California ash	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	drought tolerant, slow to establish, then fast	
<i>Garrya elliptica</i>	coast sheepsfoot	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Winter deciduous. Ever is compact variety. Best at coast. Afternoon shade helpful, deer resistant	
<i>Heteromeles arbutifolia</i>	boyon	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Doesn't respond well to pruning low branches, no summer water at coast	
<i>Laurus nobilis</i>	Santogga	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Specify standard and prune for tree form, easy	
<i>Myrica californica</i>	Pacific wax myrtle	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Best at coast	
<i>Sambucus mexicana</i>	elderberry	Small Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Deciduous, edible fruit, attracts bees and birds, unripe fruits are poisonous but useful and common landscape plant	
<i>Acer negundo</i>	box elder	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Tough shade tree, deciduous	
<i>Fraxinus latifolia</i>	Oregon ash	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Plant in moist areas with rich soil.	
<i>Fraxinus velutina</i>	velvet ash	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Withstands poor drainage and drought	
<i>Photocarpum eugenoides</i>	Isard	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Shed to control height	
<i>Pteris caudifolia</i>	London plane tree	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Large tree, aggressive roots will lift pavement	
<i>Platanus racemosa</i>	California sycamore	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	As a meadow shade and wild fruit when mature. Give lots of room	
<i>Populus fremontii</i>	cottonwood	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Riparian species with limited drought tolerance. Aggressive roots will lift pavement. Give lots of room.	
<i>Quercus agrifolia</i>	coast live oak	Trees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Large evergreen tree, tolerant and widespread, important for wildlife, no summer water	
<i>Vitis californica</i>	California grape	Vine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Climbing vine. Best in full sun. Can be aggressive in moist area.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

BIORETENTION FACILITY PLANT MATRIX

DRAWN BY: LFM
 APPROVAL DATE: 06/2018
 SCALE: NONE
 REVISED DATE:

CHECKED BY: TCW
 APPROVED BY: JBL
 DRAWING NO. SWQ-161B