

## Appendix A: Landscape Plant Matrix

The plant list is divided into two sections. The first section lists plants appropriate for areas adjacent to creeks, waterways, and other natural areas with an emphasis on native species. The second section lists plants that are more appropriate for parks within Loma Rica Ranch neighborhoods as well as individual landscape plans.

### Riparian Corridors and Other Natural Areas

Botanical Name/Common Name	Drought Tolerant Low Water Use	Sun/Shade	Deciduous	Evergreen	California Native	Native in Foothills	Flowering	Fall Color
<b>Trees:</b>								
<i>Abies concolor</i> / White Fir				Yes	Yes	Yes		
<i>Acer macrophyllum</i> / Big-leaf Maple	riperian		Yes		Yes	Yes		*
<i>Alnus rhombifolia</i> / White Alder			Yes		Yes	Yes		
<i>Cercis occidentalis</i> / Western Redbud	Yes		Yes		Yes	Yes	*	
<i>Cornus nuttallii</i> / Western Dogwood	Yes		Yes		Yes	Yes		
<i> Cupressus macnabiana</i> / Macnab Cypress				Yes	Yes	Yes		
<i>Fraxinus latifolia</i> / Oregon Ash			Yes		Yes	Yes		
<i>Libocedrus decurrens</i> / Incense Cedar				Yes	Yes	Yes		
<i>Pinus lambertiana</i> / Sugar Pine				Yes	Yes	Yes		
<i>Pinus ponderosa</i> / Ponderosa Pine				Yes	Yes	Yes		
<i>Pinus Sabiniana</i> / Ghost Pine				Yes	Yes	Yes		
<i>Platanus racemosa</i> / California Sycamore	riperian		Yes		Yes	Yes		
<i>Populus fremontii</i> / Fremont Cottonwood			Yes		Yes	Yes		
<i>Populus tremuloides</i> / Quaking Aspen			Yes		Yes	Yes		*
<i>Pseudotsuga menziesii</i> / Douglas Fir				Yes	Yes	Yes		
<i>Quercus kelloggii</i> / Black Oak			Yes		Yes	Yes		
<i>Quercus lobata</i> / Valley Oak			Yes		Yes	Yes		
<i>Quercus wislizenii</i> / Interior Live Oak				Yes	Yes	Yes		
<i>Sequoia giganteum</i> / Giant Sequoia				Yes	Yes	Yes		
<i>Arbutus menziesii</i> / Pacific Madrone	Yes			Yes	Yes	Yes	*	*
<b>Shrubs:</b>								
<i>Aretostaphylos viscida</i> / White-leafed Manzanita				Yes	Yes			
<i>Baccharis glutinosa</i> / Mule Fat	riperian			Yes	Yes	Yes		
<i>Calycanthus occidentalis</i> / Spice Bush	riperian		Yes		Yes	Yes	*	
<i>Carpenteria californica</i> / Bush Anemone		p/shade		Yes	Yes		*	
<i>Ceanothus spp.</i>	Yes			Yes	Yes		*	
<i>Cornus stolonifera</i> / Redtwig Dogwood	riperian	p/shade	Yes		Yes			
<i>Corylus cornuta californica</i> / California Hazelnut		p/shade	Yes		Yes	Yes		
<i>Freemontodendron californicum decumbens</i> / Pinchill Flannelbush	Yes			Yes	Yes	Yes	*	
<i>Heteromeles arbutifolia</i> / Toyon				Yes	Yes	Yes		
<i>Mahonia aquifolium</i> / Oregon Grape								
<i>Rhamnus californica</i> / Coffeeberry		p/shade		Yes	Yes			
<i>Rhamnus ilicifolia</i> / Hollyleaf Redberry					Yes			
<i>Rhododendron occidentale</i> / Western Azalea	riperian	shade			Yes			
<i>Rhus trilobata</i> / Skunkbush	riperian				Yes			
<i>Salix exigua</i> / Sandbar Willow	riperian				Yes			
<i>Salix lasiandra</i> / Western Black Willow	riperian				Yes			
<i>Sambucus mexicana</i> / Blue Elderberry	Yes				Yes			
<i>Spiraea douglasii</i> / Western Spiraea					Yes			
<i>Symphoricarpos rivularis</i> / Common Snowberry	riperian				Yes			

Botanical Name/Common Name	Drought Tolerant Low Water Use	Sun/Shade	Deciduous	Evergreen	California Native	Native in Foothills	Flowering	Fall Color
<b>Herbaceous:</b>								
Achillea millefolium/ Yarrow					Yes			
Aquilegia formosa/ Western Columbine		shade			Yes			
Cyperus eragrostis/ Tall Cyperus	riperian				Yes			
Delphinium gracilentum/ Larkspur					Yes			
Dicentra formosa/ Western Bleeding Heart	Yes	shade			Yes			
Heuchera micrantha/ Alum Root	Yes	shade			Yes			
Iris inominata/ Pacific Coast Iris		shade			Yes			
Lupine argenteus/ Silverstern Lupine					Yes			
Lychnis		p/shade			Yes			
Mimulus angustatus/ Golden Sticky Monkeyflower					Yes			
Mimulus bifidus/ Sierra Bush Monkeyflower					Yes			
Monardella lanceolata/ Mustang Mint	riperian				Yes			
Monardella villosa/ Coyote Mint		shade			Yes			
Peltiphyllum peltatum/ Indian Rhubarb	riperian				Yes			
Penstemon heterophyllus/ Foothill Penstemon					Yes			
Penstemon newberri/ Mountain Pride					Yes			
Polystichum munitum/ Western Sword Fern	riperian	shade			Yes			
Satureja douglasii/ Yerba Buena		shade			Yes			
Silene californica/ Indian Pink	Yes				Yes			
Smilacina Stellata/ False Solomans Seal	riperian	shade			Yes			
Solidago californica/ California Goldenrod					Yes			
Viola purpurea		shade			Yes			
Woodwardia/ Giant Chain Fern		shade			Yes			
<b>Grassland:</b>								
Agoseris grandiflora/ Large Flowered Agoseris					Yes			
Allium sanbornii/ Sanborn's Onion					Yes			
Carex barbarae/ Santa Barbara Sedge	riperian				Yes			
Carex Nudata/ Torrent Sedge	riperian				Yes			
Clarkia spp./ Godetia					Yes			
Deschampsia cespitosa/ Tufted Hairgrass					Yes			
Eleocharis macrostachya/ Spikerush	riperian				Yes			
Elymus glaucus/ Blue Wild Rye					Yes			
Erechtsholzia caespitosa/ Tufted Poppy					Yes			
Erechtsholzia californica/ California Poppy					Yes			
Juncus halimifolius/ Baitic Rush	riperian				Yes			
Juncus effusus/ Soft Rush	riperian				Yes			
Juncus xiphioides/ Iris Leaved Rush	riperian				Yes			
Lupinus latifolius/ Broadleaf Lupine					Yes			
Lupinus nanus/ Sky Lupine					Yes			
Melica californica/ California Onion Grass					Yes			
Melica torreyana/ Torrey's Melic					Yes			
Muhlenbergia rigens/ Deer Grass	riperian				Yes			
Nassella pulchra/ Purple Needlegrass					Yes			
Scirpus californicus/ California Bulrush					Yes			
<b>Vines:</b>								
Aristolochia californica/ Dutchman's Pipe	riperian	p/shade			Yes			
Clematis lasiantha/ Pipestem	riperian				Yes			
Marah fabaceus/ Manroot	riperian				Yes			
Vitis californica/ California Grape					Yes			
<b>Groundcover:</b>								
Arctostaphylos 'Emerald Carpet'				Yes	Yes			
Arctostaphylos uva-ursi/ Bearberry				Yes	Yes		*	
Ceanothus lemmonii					Yes		*	
Ceanothus 'Yankee Point'					Yes		*	
Fragaria californica/ Wild Strawberry					Yes		*	
Lonicera hispidula var. vacillans/ Pink Honeysuckle					Yes		*	
Mahonia aquifolium 'Compacta'/ Dwarf Oregon Grape					Yes			

## Plant List for Loma Rica Neighborhoods

The following plant list is meant to serve as a guide for the selection of plant material for the roadways, entries, recreation areas and other primary, public spaces for the Loma Rica Ranch project. This is by no means intended as a complete palette of plant materials for every possible use and situation within the context of the entire project. Individual projects will most likely involve a more comprehensive planting scheme to reflect the individual character and challenges of each situation. Rather, this matrix is meant to offer a guide for creating a sense of unity and continuity within the project as a whole. The plants have been chosen for their proven success in the region. They are generally well-adapted to the climate, soils, wildlife and other demands unique to the site. By emphasizing native or adaptive plant species, the project will maintain a landscape setting that is appropriate, sustainable and environmentally sensitive for the area.

### Large Street Trees

Trees from this list should be used in parkways, median strips and at the edges of the primary roads in the project. These trees will create canopy shade and cooling of the travel ways as well as adjacent parking and pedestrian corridors. The trees are deciduous to allow for winter sun. Large street trees will create a unifying effect and can be a signature feature of the project.

Botanical Name/ Common Name	Drought Tolerant/ Low Water Use	Tolerant of Serpentine Soils	Deciduous	Evergreen	California Native	Native in Foothills	Fire Resistant	Flowering	Fall Color
Acer Rubrum/ Red Maple	No	Yes	Yes	No	No	No	No		*
Acer Saccharum/ Sugar Maple	No	Yes	Yes	No	No	No	No		*
Liquidambar Styraciflua/ Sweet Gum	No	Yes	Yes	No	No	No	No		*
Platanus Acerifolia/ London Plane Tree	Yes	Yes	Yes	No	No	No	No		
Quercus Coccinea/ Scarlet Oak	No	No	Yes	No	No	No	Yes		*
Robinia Ambigua/ 'Purple Robe' Locust	Yes	No	Yes	No	No	No	No	*	
Zelkova Serrata/ Sawleaf Zelkova	No	No	Yes	No	No	No	No		

### Medium Street Trees

Trees from this list should be used along secondary roadways and parking areas within the project. They are suitable for use within the planting strips provided between smaller roads and single-family residential units. Being of a slightly smaller scale, they will be appropriate for planting in proximity to homes, gardens, sidewalks, etc. These trees are also deciduous to allow solar exposure to adjacent structures. Medium street trees can create identity within neighborhoods.

Botanical Name/ Common Name	Drought Tolerant/ Low Water Use	Tolerant of Serpentine Soils	Deciduous	Evergreen	California Native	Native in Foothills	Fire Resistant	Flowering	Fall Colors
Albizzia Julibrissin/ Mimosa	Yes	Yes	Yes	No	No	No	No	*	
Fraxinus 'Raywoodi'/ Raywood Ash	No	No	Yes	No	No	No	No		*
Malus Species/ Crabapple	No	No	Yes	No	No	No	No	*	*
Prunus Cerasifera/ Purple Leaf Plum	No	No	Yes	No	No	No	No	*	
Prunus Serrulata/ Flower Cherry	No	No	Yes	No	No	No	No	*	*
Pyrus Calleryan 'Aristocrat'/ Pear	No	No	Yes	No	No	No	No	*	*

### Small Understory Trees

Trees from this list should be used as accent plantings at entries or in mass along roadways or open spaces. Some species may be planted under the canopy of larger trees. Trees of this scale are appropriate for use near buildings to soften and compliment the architecture of the structure.

Botanical Name/ Common Name	Drought Tolerant/ Low Water Use	Tolerant of Serpentine Soils	Deciduous	Evergreen	California Native	Native in Foothills	Fire Resistant	Flowering	Fall Colors
Acer Palmatum/ Japanese Maple	No	No	Yes	No	No	No	No		
Betula Jacquemontii/ Himalayan Birch	No	Yes	Yes	No	No	No	No		*
Cercis canadensis/ Eastern Redbud	No	No	Yes	No	No	No	No	*	*
Cornus Florida/ Flowering Dogwood	No	No	Yes	No	No	No	No	*	*
Cornus Nuttallii/ Pacific Dogwood	No	No	Yes	No	Yes	Yes	No	*	*
Lagerstroemia Indica/ Crape Myrtle	Yes	No	Yes	No	No	No	No		

*Loma Rica Neighborhood Plant List provided by Jo McProud, McProud & Associates*

### Evergreen Coniferous Trees

Trees from this list are used in large open spaces as informal mass plantings or naturalized groves. Evergreen trees provide visual buffering and protection from harsh prevailing winds. Native conifers can be used to re-forest disturbed areas.

Botanical Name/ Common Name	Drought Tolerant/ Low Water Use	Tolerant of Serpentine Soils	Deciduous	Evergreen	California Native	Native in Foothills	Fire Resistant	Flowering	Fall Colors
Abies Concolor/ White Fir	Yes	Yes	No	Yes	Yes	Yes	No		
Calocedrus Decurrens/ Incense Cedar	Yes	Yes	No	Yes	Yes	Yes	No		
Cedrus Deodora/ Deodar Cedar	Yes	Yes	No	Yes	No	No	No		
Cupressus Macnabiana/ Macnab Cypress	Yes	Yes	No	Yes	Yes	Yes	No		
Pinus Nigra/ Austrian Pine	Yes	Yes	No	Yes	No	No	No		
Pinus Ponderosa/ Ponderosa Pine	Yes	Yes	No	Yes	Yes	Yes	No		
Pinus Sabiniana/ Ghost Pine	Yes	Yes	No	Yes	Yes	Yes	No		
Pseudotsuga Menziesii/ Douglas Fir	Yes	Yes	No	Yes	Yes	Yes	No		
Sequoiadendron Giganteum/ Giant Sequoia	Yes	No	No	Yes	Yes	Yes	No		
Sequoia Sempervirens/ Coastal Redwood	No	No	No	Yes	Yes	No	No		

### Shrubs

Shrubs from this list are best used in mass plantings to screen views, integrate site elements and to provide seasonal color and interest to the landscape.

Botanical Name/ Common Name	Drought Tolerant/ Low Water Use	Tolerant of Serpentine Soils	Deciduous	Evergreen	California Native	Native in Foothills	Fire Resistant	Flowering	Fall Colors
Arbutus Unedo/ Strawberry Tree	Yes	Yes	No	Yes	No	No	No		
Arcostaphylos Densiflora 'H.McMinn'/ McMinn Manzanita	Yes	Yes	No	Yes	Yes	No	No	*	
Azalea Exbury/ Exbury Azalea	No	No	Yes	No	No	No	No	*	*
BerberisThunbergiana/ Japanese Barberry	No	No	Yes	No	No	No	No		*
Camellia Sasanqua/ Sasanqua Camellia	No	No	No	Yes	No	No	No	*	
Ceanothus 'Julia Phelps'/ Mountain Lilac	Yes	Yes	No	Yes	Yes	No	Yes	*	
Cercis Occidentalis/ Western Redbud	Yes	Yes	Yes	No	Yes	Yes	Yes	*	
Cistus Hybridus/ White Rockrose	Yes	Yes	No	Yes	No	No	Yes	*	
Cistus Purpureas/ Orchid Rockrose	Yes	Yes	No	Yes	No	No	Yes	*	
Cornus Stolonifera/ Redtwig Dogwood	No	No	Yes	No	Yes	Yes	No		*
Eleagnus Pungens/ Silverberry	Yes	Yes	No	No	No	No	No		
Escallonia Fradesii/ Escallonia	Yes	Yes	No	No	No	No	No	*	
Euponymus Alatus 'Compacta'/ Burning Bush	Yes	No	Yes	Yes	No	No	No		*
Forsythia Xintermedia/ Forsythia	Yes	No	Yes	Yes	No	No	No	*	
Heteromeles Arbutifolia/ Toyon	Yes	No	No	No	Yes	Yes	No		
Magnolia Stellata/ Star Magnolia	No	No	Yes	Yes	No	No	No	*	*
Mahonia Aquifolium/ Oregon Grape	Yes	No	No	No	Yes	No	No		
Nandina Domestica/ Heavenly Bamboo	No	Yes	No	No	No	No	No	*	*
Pinus Mugo Mugo/ Mugho Pine	Yes	Yes	No	No	No	No	No		
Rhododendron Species/ Rhododendron	No	No	No	No	No	No	No	*	
Rhus Typhina/ Staghorn Sumac	No	No	Yes	Yes	No	No	No		*
Viburnum Tinus/ Laurustinus	No	Yes	No	No	No	No	No	*	
Woodwardia Fimbriata/ Chain Fern	No	No	No	No	Yes	Yes	No		

**Groundcovers, Vines And Perennials**

These materials have specific, detailed uses in the landscape setting. Primarily they are meant as focal points in the entries, near signs or other identity elements. Groundcovers and perennials should be used in mass plantings to create effective statements

Botanical Name/ Common Name	Drought Tolerant/ Low Water Use	Tolerant of Serpentine Soils	Deciduous	Evergreen	California Native	Native in Foothills	Fire Resistant	Flowering	Fall Colors
Ajuga Reptans/ Carpet Bungle	No	No	No	Yes	No	No	Yes	*	
Arctostaphylos Uva-Ursi/ Manzanita	Yes	Yes	No	Yes	Yes	No	Yes	*	
Baccharis Pilularis Pilularis/ Coyote Bush	Yes	Yes	No	Yes	Yes	No	Yes		
Ceanothus Gloriosus/ Ceanothus	Yes	Yes	No	Yes	Yes	No	Yes	*	
Cotoneaster Lowfast/ Lowfast Cotoneaster	Yes	Yes	Yes	No	No	No	Yes	*	
Hemerocallis Species/ Daylily	No	No	Yes	No	No	No	Yes	*	
Hypericum Calycinum/ St. Johnswort	Yes	No	No	Yes	No	No	Yes	*	
Iberis Sempervirens/ Evergreen Candytuft	No	No	No	Yes	No	No	No	*	
Lavendula Species/ Lavender	Yes	No	No	Yes	No	No	Yes	*	
Mahonia Repens/ Creeping Oregon Grape	Yes	No	No	Yes	Yes	No	No		
Narcissus Species/ Daffodil	No	No	Yes	No	No	No	Yes	*	
Parthenocissus Quinquefolia/ Virginia Creeper	No	No	Yes	No	No	No	No		*
Parthenocissus Tricuspidata/ Boston Ivy	No	No	Yes	No	No	No	No		*
Phlox Subulata/ Moss Pink	No	No	No	Yes	No	No	No	*	
Rosmarinus Officinalis/ Rosemary	Yes	No	No	Yes	No	No	Yes	*	
Vinca Minor/ Dwarf Periwinkle	No	No	No	Yes	No	No	Yes	*	
Wisteria Sinensis/ Chinese Wisteria	No	No	Yes	No	No	No	No	*	

**Turf**

Lawn areas should be limited to areas where they are accessible to public use, primarily as a recreational element. Using lawn for purely decorative purposes in the landscape is discouraged, as it is not an efficient use of resources and is maintenance intensive.

Botanical Name/ Common Name	Drought Tolerant/ Low Water Use	Tolerant of Serpentine Soils	Deciduous	Evergreen	California Native	Native in Foothills	Fire Resistant	Flowering	Fall Colors
Hybrid tall fescue	Yes								

