SOUTHERN CALIFORNIA NATIVE AND DROUGHT TOLERANT PLANT PALETTES FOR HOME GARDENS

SPANISH REVIVAL – Spanish Colonial, Monterey, Mission

Trees

Acacia baileyana 'Purpurea'	Purple Leaf Acacia
Arbutus marina	Strawberry Tree
Brahea edulis	Guadalupe Palm
Chamaerops humilis	Mediterranean Fan Palm
Citrus	Citrus
Dracaena draco	Dragon Tree
Eriobotrya deflexa	Loquat
Eucalyptus nicholii	Willow Leafed Peppermint
Eucalyptus torquata	Coral Gum
Platanus racemosa	California Sycamore
Quercus agrifolia	Coast Live oak
Rhus lancea	African Sumac
Washingtonia filifera	California Fan Palm

Shrubs/Groundcover

Aeonium atropurpureum	NCN
Agave 'Blue Flame'	Agave
Agave vilmoriniana	Octopus Agave
Aloe arborescens	Tree Aloe
Aloe bainesii	NCN
Aloe striata	Coral Aloe
Arctostaphylos 'Howard McMinn'	Howard McMinn Manzanita
Bougainvillea	Bougainvillea
Ceanothus 'Concha'	Ceanothus
Cistus spp.	Rockrose
Cordyline australis 'Atropurpurea'	Grass Palm
Crassula falcata	NCN
Dudleya brittonii	Britton's Chalk Dudleya
Dudleya virens	Green Liveforever
Echeveria gibbiflora 'Metallica'	Hens and Chicks
Echium fastuosum	Pride of Madeira
Eriophyllum nevinii 'Canyon Silver'	Golden Yarrow
Feijoa sellowiana	Pineapple Guava
Fragaria californica	Woodland Strawberry
Galvezia speciosa 'Firecracker'	Firecracker Island Bush Snapdragon
Helictotrichon sempervirens	Blue Oat Grass
Heteromeles arbutifolia	Toyon
Kalanchoe beharensis	Felt Plant
Kniphofia uvaria	Red Hot Poker
Lantana montevidensis	Lantana
Phormium 'Gold Sword'	New Zealand Flax
Rhamnus californica 'Eve Case'	Eve Case Coffeeberry
Rhus integrifolia	Lemonade Berry
Romneya coulteri	Matilija Poppy
Salvia chamaedryoides	Electric Blue Sage
Salvia greggii	Autumn Sage
Salvia leucantha	Mexican Bush Sage
Salvia leucophylla	Purple Sage
Senecio serpens	Senecio
Tecoma stans	Yellow Bells
Yucca gloriosa	Spanish Dagger

Vines

Aloe ciliaris	NCN
Bougainvillea	Bougainvillea
Clematis lasiantha	Pipestems
Lavatera 'Purisima'	Hybrid Tree Mallow

ITALIAN / TUSCAN

Trees

Arbutus unedo	Strawberry Tree
Citrus	Citrus
Cupressus forbesii	Tecate Cypress
Geijera parviflora	Australian Willow
Laurus nobilis	Sweet Bay
Metrosideros excelsus	New Zealand Christmas Tree
Olea europaea 'Swan Hill'	Olive
Pinus eldarica	Afghan Pine
Pinus torreyana	Torrey Pine
Quercus engelmanii	Engelman Oak
Quercus ilex	Holly Oak
Tristania laurina	Water Gum

Shrubs/Groundcover

Arbutus unedo 'Elfin King'	Elf King Strawberry Tree
Carex tumulicola	Berkeley Sedge
Cupressus sempervirens 'Tiny Tower'	Tiny Tower Italian Cypress
Grevillea australflora 'Fanfare'	Alpine Grevillea
Grevillea lanigera	Woolly Grevillea
Grevillea poorinda 'Constance"	NCN
Heteromeles arbutifolia	Toyon
Ilex vomitoria 'Nana'	Yaupon
Juniperus 'Blue Point'	Blue Point Juniper
Lavandula stoechas	Spanish Lavender
Myrtus communis	Myrtle
Myrtus communis compacta	Dwarf Myrtle
Prunus ilicifolia	Hollyleaf Cherry
Rhamnus californica 'Eve Case'	Eve Case Coffeeberry
Rhamnus crocea 'Redberry'	Redberry
Rosmarinus 'Tuscan Blue'	Tuscan Blue Rosemary
Rosmarinus prostratus	Prostrate Rosemary
Salvia chamaedryoides	Electric Blue Sage
Satureja douglasii	Yerba Buena
Thymus praecox	Thyme
Umbellularia californica	California Bay
Vitex-angus-castus	Chaste Tree
Westringia fruticosa	Coast Rosemary

Vines

Clematis lasiantha	Pipestems

TRADITIONAL – English, French, Colonial

Trees

Acacia pendula	Weeping Acacia
Aesculus californica	California Buckeye
Cercis occidentalis	Western Redbud
Juniperus scopulorum 'Tolleson's Weeping'	Juniper
Lagerstromia indica	Crape Myrtle
Laurus nobilis	Sweet Bay
Ligustrum lucidum	Glossy Privet
Melaleuca armillaris	Drooping Melaleuca
Pistache chinensis	Chinese Pistache
Pittosporum phillyreoides	Willow Pittosporum
Prunus caroliniana	Carolina Laurel Cherry
Prunus ilicifolia ssp. lyonii	Catalina Cherry
Quercus suber	Cork Oak
Tristania conferta	Brisbane Box

Shrubs/Groundcover

Carex tumulicola	Berkeley Sedge
Ceanothus 'Joyce Coulter'	Ceanothus
Cerocarpus minutiflorus	San Diego Mountain Mohogany
Cotoneaster dammeri	Bearberry Cotoneaster
Ilex vomitoria 'Nana'	Yaupon
Iris douglasiana	Douglas Iris
Juniperus 'Blue Point'	Juniper
Lavatera thuringiaca	Tree Mallow
Leptospermum scoparium 'Helene Strybing'	New Zealand Tea Tree
Mahonia 'Golden Abundance'	Oregon Grape
Myrica californica	Pacific Wax Myrtle
Myrtus communis	Myrtle
Myrtus communis 'Compacta'	Dwarf Myrtle
Pittosporum crassifolium 'Nana'	Pittosporum
Pittosporum eugenioides	Pittosporum
Pittosporum tobira 'Variegata'	Variegated Tobira
Plumbago auriculata	Cape Plumbago
Prunus caroliniana 'Bright n Tight'	Carolina Laurel Cherry
Prunus ilicifolia	Hollyleaf Cherry
Punicum granatum	Pomegranate
Pyracantha spp.	Firethorn
Raphiolepis indica	Indian Hawthorn
Rhamnus californica 'Eve Case'	Eve Case Coffeeberry
Ribes malvaceum	Chaparral Currant
Ribes viburnifolium	Evergreen Currant
Rosa banksiae	Lady Banks' Rose
Satureja douglasii	Yerba Buena
Tulbagia violacea	Society Garlic

Vines

Plumbago auriculata	Cape Plumbago
Ribes malvaceum	Chaparral Currant
Ribes viburnifolium	Evergreen Currant
Rosa banksiae	Lady Banks' Rose
Vitis californica 'Rogers Red'	California Wild Grape

CALIFORNIA BUNGALOW / CRAFTSMAN

Trees

Agonis flexuosa	Peppermint Tree
Lyonothamnus floribundus ssp. asplenifolius	Fern-leaved Catalina Ironwood
Melaleuca linarifolia	Flaxleaf Paperbark
Melaleuca nesophila	Pink Melaleuca
Pinus torreyana	Torrey Pine
Prunus ilicifolia	Hollyleaf Cherry
Quercus agrifolia	Coast Live Oak
Quercus chrysolepis	Canyon Live Oak
Tristania laurina	Water Gum

Shrubs/Groundcover

Agave americana var. 'Medio-Picta'	Century Plant
Aloe nobilis	Noble Aloe
Alyogyne hakefolia	Blue Hibiscus
Anigozanthos spp.	Kangaroo Paws
Arbutus unedo	Strawberry Tree
Arctostaphylos 'Howard McMinn'	Howard McMinn Manzanita
Arctostaphylos 'Pacific Mist'	Pacific Mist Manzanita
Arotostaphylos 'Sunset'	Sunset Manzanita
Buchloe dactyloides	Buffalo Grass
Ceanothus 'Concha'	Ceanothus
Cercocarpus minutiflorus	San Diego Mountain Mahogany
Comarostaphylis diversifolia	Summer Holly
Deschampsia cespitosa	Tufted Hairgrass
Dudleya virens	Green Liveforever
Dudleya viscida	NCN
Elymus condensatus 'Canyon Prince'	Giant Wild Rye
Festuca rubra 'Molate'	Red Fescue
Fragaria californica	Wild Strawberry
Fremontodendron 'Ken Taylor'	Flannel Bush
Galvezia speciosa 'Firecracker'	Firecracker Island Bush Snapdragon
Helictotrichon sempervirens	Blue Oat Grass
Heteromeles arbutifolia	Toyon
Iris douglasiana	Douglas Iris
Lavatera assurgentiflora	Tree Mallow
Muhlenbergia capillaris 'Regal Mist'	Regal Mist Muhley
Muhlenbergia lindheimeri 'Autumn Glow'	NCN
Penstemon centranthifolius	Scarlet Bugler
Penstemon spectabilis	Showy Penstemon
Rhamnus californica 'Eve Case'	Eve Case Coffeeberry
Rhus integrifolia	Lemonade Berry
Ribes viburnifolium	Evergreen Currant
Salvia clevelandii	Cleveland Sage
Salvia mellifera 'Prostrata'	Prostrate Black Sage
Salvia mellifera 'Tera Seca'	Tera Seca Sage

Vines

Aloe cilaris	Aloe
Clematis lasiantha	Pipestems
Lavatera 'Purisima'	Tree Mallow
Macfadyena unguis-cati	Cat Claw Vine
Vitis californica 'Rogers Red'	California Wild Grape

RANCH

Trees

Acacia stenophylla	Shoestring Acacia
Albizia julibrissin	Silk Tree
Cercidium floridum	Blue Palo Verde
Chitalpa tashkentensis	NCN
Eucalyptus spathulata	NCN
Pinus coulteri	Coulter Pine
Pinus eldarica	Afghan Pine
Platanus racemosa	California Sycamore
Prosopis juliflora	Mequite
Quercus engelmannii	Engelmann Oak
Rhus lancea	African Sumac

Shrubs/Groundcover

Acacia greggii	Catclaw Acacia
Agave americana 'Medio-Picta'	Century Plant
Agave desertii	Desert Century Plant
Agave shawii	Shaw's Century Plant
Alyogyne huegelii	Blue Hibiscus
Arctostaphylos 'Lester Rowntree'	Lester Rowntree Manzanita
Aristida purpurea	Purple Three Awn
Artemisia 'Canyon Grey'	Canyon Grey Sagebrush
Atriplex canescens	Fourwing Saltbush
Baccharis 'Thompson'	Coyote Bush
Baccharis pilularis 'Pigeon Point'	Dwarf Coyote Bush
Calliandra californica	Baja Fairy Duster
Dalea greggi	Trailing Indigo Bush
Dasylirion wheeleri	Desert Spoon
Encelia farinosa	Incienso
Epilobium californica	California Fuchsia
Eriogonum fasciculatum 'Dana Point'	Dana Point Buckwheat
Fremontodendron 'California Glory'	Flannel Bush
Hesperaloe parviflora	Red Yucca
Justicia californica	Chuparosa
Lobelia laxiflora	Mexican Lobelia
Muhlenbergia emersleyi	Bull Grass
Muhlenbergia rigens	Deer Grass
Nolina parryi	Parry's Nolina
Penstemon superbus	Penstemon
Phlomis fruticosa	Jerusalem Sage
Rhus integrifolia	Lemonadeberry
Romneya coulteri	Matilija Poppy
Ruellia californica	NCN
Simmondsia chinensis	Jojoba
Tagetes lemmonii 'Compacta'	Copper Canyon Daisy
Tecoma stans	Yellow Bells

Vines

Chilopsis linearis	Desert Willow
Tecoma stans	Yellow Bells

NATIVE CALIFORNIA GARDEN

Trees

Brahea edulis	Guadalupe Palm
Cerces occidentalis	Western Redbud
Lyonothamnus floribundus ssp. asplenifolius	Fern-leaved Catalina Ironwood
Pinus coulteri	Coulter Pine
Pinus torreyana	Torrey Pine
Platanus racemosa	California Sycamore
Prosopis glandulosa var. torreyana	Mesquite
Prosopis juliflora	Arizona Mesquite
Quercus agrifolia	Coast Live Oak
Quercus chrysolepis	Canyon Live Oak
Quercus engelmannii	Englemann Oak
Quercus tomentella	Island Oak
Umbellularia californica	California Bay
Washingtonia filifera	California Fan Palm

Shrubs/Groundcover

Agave Shawii	Shaw's Century Plant
Agave Americana 'Medio-Picta'	Century Plant
Arctostaphylos 'Pacific Mist'	Pacific Mist Manzanita
Arctostaphylos 'Howard McMinn'	Howard McMinn Manzanita
Arctostaphylos 'John Dourley'	John Dourley Manzanita
Arctostaphylos 'Sunset'	Sunset Manzanita
Artemesia pynocephala 'David's Choice'	David's Choice Sagewort
Artemesia California 'Canyon Grey'	Canyon Grey Sagebrush
Baccharis pilularius 'Pigeon Point'	Dwarf Coyote Bush
Carex tumulicola	Berkeley Sedge
Carex pansa	California Meadow Sedge
Ceanothus 'Ray Hartman'	Ray Hartman Ceanothus
Ceanothus 'Yankee Point'	NCN
Ceanothus 'Concha'	NCN
Cercocarpus minutiflorus	San Diego Mountain Mahogany
Comarostaphylis diversifolia	Summer Holly
Epilobium 'Catalina'	Catalina Fuchsia
Epilobium 'Everett's Choice'	NCN
Eriogonum arborescens	Santa Cruz Island Buckwheat
Eriogonum fasciculatum 'Warriner Lytle'	Warriner Lytle Buckwheat
Eriogonum giganteum	St. Catherine's Lace
Festuca californica	California Fescue
Fremontodendron 'California Glory'	Flannel Bush
Fremontodendron 'Pacific Sunset'	Flannel Bush
Galvezia speciosa 'Firecracker'	Firecracker Island Bush Snapdragon
Grindelia camporum var. camporum	NCN
Helianthemum scoparium	Sun Rose
Heteromeles arbutifolia	Toyon
Heuchera hybrids	Coral Bells
Iris Douglasiana	Douglas Iris
Keckiella cordifolia	Heart-leaved Penstemon
Lavatera 'Purisima'	Tree Mallow
Leymus condensatus 'Canyon Prince'	Giant Wild Rye
Melica imperfecta	Coast Range Melic
Muhlenbergia rigens	Deer Grass
Nolina parryi	Parry's Nolina
Ornithostaphylos oppositifolia	Baja Bird Bush
Penstemon centranthifolius	Scarlet Bugler
Penstemon heterophyllus	Foothill Penstemon
Penstemon spectabilis	Showy Penstemon
Prunus ilicifolia spp. ilicifolia	Hollyleaf Cherry
Prunus ilicifolia spp. lyonii	Catalina Cherry
Rhamnus californica 'Eve Case'	Eve Case Coffeeberry
Rhamnus californica 'Little Sur'	Little Sur Coffeeberry
Rhamnus californica 'Mound San Bruno'	San Bruno Coffeeberry
Rhus integrifolia	Lemonade Berry
Ribes malvaceum	Chaparral Currant
Ribes viburnifolium	Evergreen Current
Salvia 'Bee's Bliss'	Bee's Bliss Sage
Salvia chamaedryoides	Electric Blue Sage
Salvia clevelandii 'Winifred Gliman'	Sage
Salvia greggii 'Furman's Red'	Autumn Sage
Salvia leucophylla 'Point Sal'	Purple Sage
Salvia sonomensis 'Dara's Choice'	Creeping Hybrid Sage

Vines

Clematis lasiantha	Pipestems
Vitus Californica 'Rodger's Red'	California Wild Grape

SOUTHERN CALIFORNIA NATIVE HABITATS PLANT LIST

Chaparral

Adenostoma fasciculatum	Chamise
Adenostoma sparsifolium	Redshanks
Arctostaphylos glauca	Big Berry Manzanita
Arctostaphylos otayensis	Otay Manzanita
Arctostaphylos peninsularis	Peninsular Manzanita
Aristida purpurea	Purple Three-Awn
Artemisia californica	Coastal Sagebrush
Baccharis pilularis ssp. consanguinea	Chaparral Broom, Coyote Brush
Ceanothus leucodermis	Whitebark Lilac
Ceanothus megacarpus	Big Pod Ceanothus
Ceanothus spinosus	Greenback Ceanothus
Ceanothus tomentosus var. olivaceus	Woollyleaf Ceanothus
Ceanothus verrucosus	Wartystem Ceanothus
Cercocarpus minutiflorus	San Diego Mountain Mohagany
Clematis lasiantha	Pipestem Clematis
Comarostaphylis diversifolia	Summer Holly
Cupressus forbesii	Tecate Cypress
Dendromecon harfordii	Channel Island Bush Poppy
Dudleya lanceolata	Lance Leaved Dudleya
Dudleya pulverulenta	Chalk Dudleya
Encelia californica	Coast Sunflower
Epilobium (Zauschneria) californicum	California Fuchsia
Epilobium canum	Hoary California Fuchsia
Erigonum giganteum	St. Catherine's Lace
Eriophyllum confertiflorum	Golden-Yarrow
Festuca californica	California Fescue
Fremontodendron californicum	California Flannelbush, Fremontia
Fremontodendron mexicanum	Mexican Flannelbush
Heteromeles arbutifolia	Toyon, California Holly
Keckiella antirrhinoides	Yellow Bush Penstemon
Keckiella cordifolia	Heart-leaved Penstemon
Leymus (Elymus) condensatus	Giant Wild Rye
Lonicera subspicata	Chaparral Honeysuckle
Lotus scoparius	Deer Weed
Malacothamnus fasciculatus	Chaparral Mallow
Malosma laurina (Rhus laurina)	Laurel Sumac
Melica imperfecta	Coast Range Melic
Mimulus (Diplacus) aurantiacus (M. longiflorus)	Bush Monkeyflower
Mimulus (Diplacus) puniceus	Red Monkeyflower
Muhlenbergia rigens	Deergrass
Nassella (Stipa) cernua	Nodding Needlegrass
Nassella (Stipa) lepida	Foothill Needlegrass
Nassella (Stipa) pulchra	Purple Needlegrass
Nolina parryi	Parry's Nolina
Opuntia littoralis	Coastal Prickly Pear, Tuna
Opuntia parryii	Snake Cholla
Penstemon centranthifolius	Scarlet Bugler
Penstemon heterophyllus	Foothill Penstemon
Penstemon spectabilis	Showy Penstemon
Prunus ilicifolia ssp. ilicifolia (P. ilicifolia)	Hollyleaf Cherry
Prunus ilicifolia ssp. lyonii (P. lyonii)	Catalina Cherry
Quercus agrifolia	Coast Live Oak
Quercus berberidifolia (Q. dumosa)	Scrub Oak
Rhamnus californica	California Coffeeberry
Rhamnus crocea	Redberry
Rhamnus ilicifolia (R. crocea ssp. ilicifolia)	Hollyleaf Redberry
Rhus integrifolia	Lemonade Berry
Rhus ovata	Sugarbush
Romneya coulteri	Matilija Poppy
Salvia apiana	White Sage
Salvia clevelandii	Cleveland Sage
Salvia mellifera	Black Sage
Sambucus mexicana	Mexican Elderberry
Trichostema lanatum	Wooley Blue Curls
Yucca whipplei	Foothill Yucca, Our Lord's Candle

Coastal Sage Scrub

Agave shawii	Shaw's Century Plant
Aristida purpurea	Purple Three-Awn
Artemisia californica	Coastal Sagebrush
Atriplex lentiformis ssp. breweri	Coastal Quail Brush
Baccharis sarothroides	Broom Baccharis
Ceanothus megacarpus	Big Pod Ceanothus
Ceanothus spinosus	Greenback Ceanothus
Cneoridium dumosum	Bushrue
Dudleya lanceolata	Lance Leaved Dudleya
Dudleya pulverulenta	Chalk Dudleya
Encelia californica	Coast Sunflower
Epilobium (Zauschneria) californicum	California Fuchsia
Epilobium canum	Hoary California Fuchsia
Erigonum cinereum	Ashy Leaf Buckwheat
Erigonum crocatum	Conejo Buckwheat
Erigonum fasciculatum	California Buckwheat
Erigonum giganteum	St. Catherine's Lace
Eriophyllum confertiflorum	Golden-Yarrow
Grindelia camporum var. camporum (G. stricta)	Gum Plant
Helianthemum scoparium	Sun Rose
Isocoma menziesii var. menziesii (Haplopappus venetus)	Coast Goldenbush
Iva hayesiana	San Diego Marsh Elder
Leymus (Elymus) condensatus	Giant Wild Rye
Lotus scoparius	Deer Weed
Malosma laurina (Rhus laurina)	Laurel Sumac
Mimulus (Diplacus) aurantiacus (M. longiflorus)	Bush Monkeyflower
Mimulus (Diplacus) puniceus	Red Monkeyflower
Muhlenbergia rigens	Deergrass
Nassella (Stipa) lepida	Foothill Needlegrass
Nassella (Stipa) pulchra	Purple Needlegrass
Nolina parryi	Parry's Nolina
Opuntia littoralis	Coastal Prickly Pear, Tuna
Opuntia parryii	Snake Cholla
Opuntia prolifera	Coastal Cholla
Penstemon spectabilis	Showy Penstemon
Rhus integrifolia	Lemonade Berry
Salvia apiana	White Sage
Salvia clevelandii	Cleveland Sage
Salvia mellifera	Black Sage

Desert Scrub

Abutilon palmeri	Indian Mallow
Acacia farnesiana (A. minuta)	Sweet Acacia, Huisache
Agave deserti	Desert Country Plant
Cercidium floridum	Blue Palo Verde
Chilopsis linearis	Desert Willow
Encelia farinose	Incienso
Fallugia paradoxa	Apache Plume
Justicia californica	Chuparosa, Beloperone
Nolina bigelovii	Desert Beargrass
Nolina parryi	Parry's Beargrass
Opuntia engelmannii	Engelmanns Prickley Pear
Parkinsonia aculeata	Mexican Palo Verde
Penstemon palmeri	Palmer's Penstemon
Prosopis glandulosa var. torreyana	Mesquite
Prosopis juliflora	Arizona Mesquite
Prosopis pubescens	Tornillo, Screw-Bean Mesquite
Simmondsia chinensis	Jojoba, Goatnut
Sphaeralcea ambigua	Desert Mallow
Yucca schidigera	Mohave Yucca

Southern Oak Woodland

Aquilegia formosa	Red Columbine
Cercis occidentalis	Western Redbud
Cercocarpus betuloides	Western Mountain Mohagany
Clematis lasiantha	Pipestem Clematis
Epilobium (Zauschneria) californicum	California Fuchsia
Epilobium canum	Hoary California Fuchsia
Festuca californica	California Fescue
Heuchera maxima	Island Alum Root
Iris douglasiana	Douglas Iris
Juglans californica	California Black Walnut
Juncus patens	California Gray Rush
Keckiella cordifolia	Heart-leaved Penstemon
Leymus (Elymus) condensatus	Giant Wild Rye
Leymus triticoides	Creeping Wildrye/Beardless Wildrye
Melica imperfecta	Coast Range Melic
Mimulus (Diplacus) cardinalis	Scarlet Monkeyflower
Muhlenbergia rigens	Deergrass
Nassella (Stipa) pulchra	Purple Needlegrass
Pinus coulteri	Coulter Pine
Pinus torreyana	Torrey Pine
Platanus racemosa	Western Sycamore
Polystichum munitum	Western Sword Fern
Prunus ilicifolia ssp. ilicifolia (P. ilicifolia)	Hollyleaf Cherry
Quercus agrifolia	Coast Live Oak
Quercus chrysolepis	Canyon Live Oak
Quercus engelmannii	Engelmann or Mesa Oak
Rhamnus californica	California Coffeeberry
Rhamnus ilicifolia (R. crocea ssp. ilicifolia)	Hollyleaf Redberry
Ribes malvaceum	Chaparral Currant
Ribes speciosum	Fuchsia Flowering Gooseberry
Ribes viburnifolium	Evergreen Currant, Catalina Perfume
Rosa californica	California Wild Rose
Salvia spathacea	Hummingbird Sage
Sambucus mexicana	Mexican Elderberry
Sisyrinchium bellum	Blue-eyed grass
Solidago californic	California Goldenrod
Umbellularia californica	California Bay Laurel
Vitis girdiana	Desert Wild Grape

Grassland

Achillea millefolium	Yarrow
Agrostis pallens (A. diegoensis)	San Diego Bent Grass
Artemisia speciosa	Showy Milkweed
Bouteloua gracilis	Blue Grama Grass/Silver to Purple
Carex praegracilis	Clustered Field Sedge
Carex spissa	San Diego Sedge
Deschampsia caespitosa	Tufted Hairgrass
Eriophyllum confertiflorum	Golden-Yarrow
Eschscholzia californica	California Poppy
Iris douglasiana	Douglas Iris
Melica imperfecta	Coast Range Melic
Muhlenbergia rigens	Deergrass
Nassella (Stipa) cernua	Nodding Needlegrass
Nassella lepida	Foothill Needlegrass
Nassella pulchra	Purple Needlegrass
Quercus engelmannii	Engelmann or Mesa Oak
Sisyrinchium bellum	Blue-eyed grass
Sporobolus airoides	Alkali Dropseed

Riparian

Artemisia douglasiana	Douglas Mugwort
Baccharis emoryi	Bar Marigold
Baccharis salicifolia (B. glutinosa)	Mule Fat
Biddens laevis	Bar Marigold
Leymus triticoides	Creeping Wildrye, Beardless Wildrye
Mimulus cardinalis	Scarlet Monkeyflower
Muhlenbergia rigens	Deergrass
Platanus racemosa	California Sycamore
Populus fremontii	Western Cottonwood
Rosa californica	California Wild Rose
Rubus ursinus	California Blackberry
Salix exigua (S. hindsiana)	Sandbar Willow
Salix gooddingii	Black Willow
Salix laevigata	Red Willow
Salix lasiolepis	Arroyo Willow
Sambucus mexicana	Mexican Elderberry

LEGEND

TREES

CERCIDIUM FLORIDUM	BLUE PALO VERDE
CHILOPSIS LINEARIS	DESERT WILLOW
x CHITALPA TASHKENTENSIS	CHITALPA
CITRUS - VALENCIA ORANGE	VALENCIA ORANGE
LAGERSTROMIA INDICA	CRAPE MYRTLE
LYONOTHAMNUS FLORIBUNDUS SSP. ASPLENIFOLIUS	FERN-LEAVED CATALINA IRONWOOD
OLEA EUROPAEA 'SWAN HILL'	SWAN HILL OLIVE
PARKINSONIA ACULEATA	MEXICAN PALO VERDE
PINUS COULTERI	COULTER PINE
PINUS TORREYANA	TORREY PINE
PLATANUS RACEMOSA	CALIFORNIA SYCAMORE
POPULUS FREMONTII	WESTERN COTTONWOOD
PROSOPIS GLANDULOSA	TEXAS HONEY MESQUITE
PROSOPIS JULIFLORA	ARIZONA MESQUITE
QUERCUS AGRIFOLIA	COAST LIVE OAK
QUERCUS CHRYSOLEPIS	CANYON LIVE OAK
QUERCUS ENGELMANNII	ENGELMANN OAK
RHUS LANCEA	AFRICAN SUMAC
WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM

LARGE SHRUBS

HETEROMELES ARBUTIFOLIA	TOYON
QUERCUS BERBERIDIFOLIA	SCRUB OAK
RHAMNUS CALIFORNICA	CALIFORNIA COFFEEBERRY
SALIX GOODDINGII	BLACK WILLOW
SALIX LASIOLEPIS	ARROYO WILLOW
SAMBUCUS MEXICANA	MEXICAN ELDERBERRY

HABITATS

- SOUTHERN OAK WOODLAND
- CHAPARRAL
- COASTAL SAGE SCRUB
- DESERT SCRUB
- GRASSLAND
- RIPARIAN

INTRODUCTION TO COASTKEEPER GARDEN

The Coastkeeper Garden is a Southern California Heritage Water Conservation Demonstration Garden. The primary objective is to reduce urban runoff through the exhibition and use of Southern California native and non-native drought tolerant plant materials while also preserving our natural heritage.

The garden not only provides an exhibition of many of our Southern California native plants as an educational experience but also provides a rich, diverse park-like setting for pure enjoyment. Through water conservation and environmental protection the garden will exhibit and teach the importance of individual stewardship in protecting our water supply, the health of our freshwater and marine environments, and the preservation and re-establishment of our native heritage landscape.

The Coastkeeper Garden is organized whereby the "fabric" of the garden is comprised of the six primary native habitats found within the Southern California region. Within these habitat areas, themed private gardens are displayed featuring Southern California native and drought tolerant plant materials homeowners can successfully grow in their own gardens. These gardens are complimentary to many of the various and more common architectural and landscape architectural styles found within Southern California. In addition to distinct California friendly planting schemes, the gardens also exhibit various "hardscape", irrigation and drainage applications which promote water conservation and reduce runoff.

ENVIRONMENTALLY FRIENDLY HARDSCAPE/PAVING ALTERNATIVES

Through proper design and execution of patios and paved surfaces, homeowners can make a positive contribution to reduce run-off. Often referred to as previous or permeable paving surfaces, there are many options available. Materials available are varied but quite simply all allow for water to penetrate either by incorporating paver modules with mortarless joints, or providing a surface which is entirely permeable.

Paving modules are available in many different forms, ranging from clay bricks, stone, "Turfblock", broken concrete, or modular concrete units (often referred to as interlocking pavers). The essential common element necessary in any of these solutions is a stable aggregate base and uniform sand "setting bed". Base aggregate should be composed of fine through course aggregate. This sub-base is often called roadbase or class II aggregate. The thickness may vary depending on individual soil conditions but generally assume a minimum of 4" depth (for non-vehicular surfaces), compacted to at least 90%. On top of the aggregate base a ± 1" sand setting bed is required to provide a uniform and stable surface on which to place the paving material. Joint widths may vary slightly and may be filled with sand (tighter joints) or "stabilized" decomposed granite (wider joints up to ½") or even planted. Edge pieces should be secured first, either by use of a mortar bed or a pre-manufactured edging strip, normally made of plastic or aluminum. Due to the fact the majority of these paving solutions do not involve pouring and finishing concrete, the installation is very much within the capabilities of the average homeowner. The large variety of material and pattern options available allow for some very creative, unique and environmentally friendly paving solutions.

Softer, more natural looking surfaces may include decomposed granite, gravel or aggregates. These materials offer ease of installation as well as a permeable surface.

ENVIRONMENTALLY FRIENDLY DRAINAGE ALTERNATIVES

In addition to applying as little water as needed to sustain a beautiful "Heritage Garden", intelligent drainage design is equally important in reducing run-off and protecting our waterways.

Traditional drainage usually involves the collection of surface water (in the form of plastic or concrete catch basins) and conveyance of water via pipes to the street gutter and storm drain system. Run-off can be reduced and even eliminated through intelligent grading and drainage design.

Run-off can be reduced or eliminated incorporating some or all of the following applications:

1. Conveyance of water from rainfall and irrigation on the surface via planted swales (often called bio-swales), gravel filled sloped trenches (often referred to as French drains) or use of perforated pipe in gravel lined sloped trenches. These methods allow more water to be absorbed by the soil and be used by plant material.
2. Conveyance of surface water using above method(s) to gravel filled "Holding Areas" (often called sumps). The size, frequency and location will vary based on garden size, soil type and amount of retention desired. These sumps are "invisible" but offer important water holding capacity and ground water recharge in lieu of just releasing excess water into the public storm system. Properly placed, these sumps can provide a long term, natural water supply to trees in your garden which often benefit from deeper moisture during drier periods.
3. Collecting roof drainage in large reservoir containers or cisterns can also contribute to the reduction of run-off. Storage of relatively clean water from roof gutters may be used later for watering household and container plants and if properly designed, can be released at a later time during dry periods into a "gravity fed" surface irrigation system utilizing the conveyance alternatives listed above.

SOUTHERN CALIFORNIA NATIVE HABITATS EXHIBITED WITHIN THE COASTKEEPER GARDEN

In nature, groups of plants are normally found growing together characterized as a plant community. Knowledge about a species' natural habitat and the community in which it occurs can help you successfully choose, combine and care for plants in the designed landscape. Gardens modeled after a local plant community will generally have a higher degree of success. Combining varied communities within the garden is also possible through careful consideration of solar exposure, soils and irrigation design. The plant communities within the Coastkeeper Garden represent the vast array of native plants growing within our Southern California region. These communities include Chaparral, Coastal Sage Scrub, Southern Oak Woodland, Grassland, Desert Scrub and Riparian Woodland.

Chaparral

Many plants within the chaparral community are characterized by thick, small evergreen leaves on rigid interwoven woody branches. These very drought-tolerant plants are usually found in steep, hot, dry slopes with loose well drained, often granitic soils.

This community occurs in regions with mild winter temperatures and limited winter rainfall (12 – 35 inches) accompanied by hot summers with prolonged drought. Chaparral is subject to frequent fires and many shrubs are capable of stump sprouting following a fire.

This diverse plant community is a large source of California native garden shrubs and normally resent heavy soils and frequent summer watering. The primary plants within this community are Toyon, Laurel Sumac, Sugarbush, Lemonade Berry, Ceanothus, Manzanita, Foothill Yucca and Mountain Mahogany.

Coastal Sage Scrub

This community is characterized by low, evergreen, often scrubby vegetation. This habitat is less dense than chaparral, receiving slightly less annual precipitation (10 – 20 inches). Many species in this community are referred to as sub-shrubs since they are intermediate between woody shrubs and herbaceous perennials. Coastal sage scrub is usually found in cooler, flatter coastal areas on soils that are deeper or retain less moisture than those that support chaparral. The primary plants within this community include Coastal Sagebrush, White Sage, Black Sage, Purple Sage, California Buckwheat, Lemonade Berry, California Encelia, Sawtooth Goldenbush, Golden Yarrow and Prickly Pear Cactus. Coastal sage scrub is habitat for the endangered California gnatcatcher, a small native songbird.

Grassland

Most of southern California's grasslands are under cultivation or have been developed. Originally these treeless expanses occurred along coastal bluffs and plains extending to inland mountain valleys. Average annual rainfall varies from (6 – 20 inches). They supported a rich flora of native bunchgrasses, and showy annual and perennial wildflowers. Primary species include Deer Grass, Checkerbloom, Needle Grasses, Sedges, Lupines, California Poppy and other wildflowers. The challenge for the home gardener in establishing grassland is the control of weeds.

Southern Oaks Woodland

Southern California is rich in Woodland plant communities that are normally dominated by one or more species of Oak or Pine. Woodlands, unlike forests, do not have a continuous overstory thereby provide gaps and openings creating patterns of light and shade. The diversity within the woodland creates a range of micro habitats for many plant and animal species. This diverse and rich plant palette is very well suited for home gardens. Predominant garden friendly species include Coast Live Oak, California Walnut, Engelmann Oak, Toyon, Coffeeberry, Fuchsia Flowered Gooseberry, Hummingbird Sage, Creeping Snowberry, Western Columbine and Currants.

Desert Scrub

Although the deserts do not share Southern California's mediterranean climate, they are a source for some excellent garden plants. This plant community is found in both Mohave and Colorado deserts. Annual precipitation is scarce, (2 – 8 inches) with some of it coming in summer showers. Temperatures are quite varied depending on both season and region.

Desert scrub supports distinctive plants such as Desert Willow, California Fan Palm, Mexican Palo Verde, Desert Beargrass, Desert Mallow, Chuparosa and Mojave Yucca.

Riparian Woodland

This plant community is found in riverbanks, creek-banks and springs throughout southern California. Soils are normally moist to wet varying seasonally, deeper soils usually remain moist throughout the dry season. The source of moisture can be relatively ephemeral, such as vernal pools, seasonal streams and seeps to ones which are quite abundant, such as freshwater marshes and desert oases. Dominated by large to medium sized broad leaved deciduous trees, the understory is compromised of deciduous shrubs and vines.

This community is adapted to periodic flooding and includes California Sycamore, White Alder, Freemont Cottonwood and various species of Willows. Riparian woodlands support a great diversity of birds including both migrant and resident bird species.

COASTKEEPER DEMONSTRATION GARDEN
SANTIAGO CANYON COLLEGE
ILLUSTRATIVE SITE PLAN

NORTH

CLARK & GREEN Associates
Landscape Architecture
150 PAULARINO AVE, SUITE 160
COSTA MESA, CALIFORNIA 92626
(714) 434-9803 · F (714) 434-9109

0 10' 20' 40'

DECEMBER 1, 2006
FEBRUARY 5, 2007
FEBRUARY 12, 2007
FEBRUARY 27, 2007