

<b>Low flow channel plantings</b>		
Apocynum cannabinum- Indian hemp	Medium perennial	Summer bloom. Great purple hairstreak, beneficial insects
Artemisia douglasiana- California mugwort	Medium perennial	Spring-fall bloom. Native bees
Asclepias fascicularis- narrowleaf milkweed	Summer active perennial	Food source for Monarch butterfly larvae. Place one every 20'
Asclepias speciosa- showy milkweed	Summer active perennial	Food source for Monarch butterfly larvae. Place one every 20'
Carex barbae- Santa Barbara sedge	Spreading perennial	Excellent erosion control. Spreads and competes well with non-natives
Carex nudata- Naked sedge	Clumping perennial	"
Carex praegracilis- slender sedge	Spreading perennial	"
Euthamia occidentalis- goldenrod	Spreading perennial	Great butterfly plant
Juncus balticus- Baltic rush	Clumping perennial	
Juncus effusus- Common rush	Clumping perennial	
Apocynum cannabinum- Indian hemp	Medium perennial	Summer bloom. Great purple hairstreak, beneficial insects
<b>Milkweed research project</b>		
Asclepias fascicularis- narrowleaf milkweed		Asclepias fascicularis- narrowleaf milkweed
Asclepias speciosa- showy milkweed		Asclepias speciosa- showy milkweed
<b>Four foot understory shrub/groundcover</b>		
Isomeris arborea-Bladderpod	Evergreen shrub	Only plant in Section 4 along the east slope
Lupinus albilfrons- silver bush lupine	Evergreen shrub	Hummingbirds- late winter
Rhamnus California 'Mound San Bruno'	Evergreen shrub	This variety of coffeeberry stays compact
Mahonia compacta- Oregon grape	Evergreen shrub	
Ribes speciosum- fuschia flowering gooseberry	Deciduous shrub	
Symphoricarpos albus- snowberry	Semi-deciduous shrub	
<b>Two foot understory shrub/groundcover</b>		
Achillea millefolium- yarrow	perennial	
Clematis ligusticifolia- Western virgin's bower	Deciduous vine	Native bees, butterflies. Plant toward top of slope.
Eschscholzia californica- California poppy	Short annual/perennial	Spring-summer bloom (trialed by Williams for field success) native bees
Epilobium canus- Ca fuchsia	Spreading perennial	Hummingbird plant
Mahonia repens- Oregon grape	Spreading shrub	Winter pollen source
Aristolochia californica- CA pipevine	Deciduous vine/groundcover	Likes part shade. Food for pipe vine swallowtail butterfly.
Salvia spathacea- hummingbird sage	Spreading perennial	
Symphoricarpos mollis- snowberry	Semi-deciduous shrub	
Vitis californica	Deciduous vine/groundcover	Native bees, white sphinx moth. Plant only in around the concrete riprap area.
<b>8 foot riparian shrubs</b>		
Atriplex lentiformis- quailbush	Evergreen shrub	Good structure for bird habitat. Saltbush Sootywing, Pygmy Blue . plant near top of slope
Baccharis salicifolia- mulefat	Deciduous shrub	Common Buckeye and native bees. Plant near LFC and top of slope
Ceanothus cuneatus- buckbrush	Evergreen shrub	Pollinator habitat. Plant higher up on slope
Cornus glabrata- brown dogwood	Deciduous shrub	Echo Blue, Spring Azure. Plant near LFC
Keckiella breviflora- bush beardtongue	Small subshrub	Common buckeye, hummingbird
<b>10-12 foot riparian shrubs</b>		
Heteromeles arbutifolia- toyon	Evergreen shrub	Winter berries for birds. Plant higher up on slope
Rhamnus californica- coffeeberry	Evergreen shrub	Pollinator and bird habitat
Rosa californica- CA wild rose	Deciduous shrub	Native bees, bumble bees, butterflies. Plant toward top of slope
Cephalanthus occidentalis – button bush	Large deciduous shrub	Native bees. Plant near LFC
<b>Upland native grass mix</b>		
Bromus carinatus- California brome	Perennial grass	
Elymus glaucus- blue wild rye	Perennial grass	
Melica californica- California oniongrass	Perennial grass	
Nasella pulchra- purple needlegrass	Perennial grass	
Poa secunda- one-sided bluegrass	Perennial grass	
<b>Floodplain native grass mix</b>		
Elymus glaucus – blue wildrye	Perennial grass	
Elymus trachycaulus – slender wheatgrass	Perennial grass	
Hordeum brachyantherum- California barley	Perennial grass	
Leymus tricoides- creeping wild rye	Perennial grass	
<b>Native CA wildflower mix</b>		
Aster chilensis- Pacific aster	tall perennial	Fall bloom (Huber's short list) native bees, ben. Insects, butterflies: Northern Checkerspot, Field Crescent, Pearl Crescent
Eschscholzia californica- California poppy	Short annual/perennial	Spring-summer bloom (trialed by Williams for field success) native bees
Grindellia camporum- gum plant	Medium perennial	Summer-fall bloom (trialed by Williams for field success) butterflies: Common Buckeye, Great Copper, native bees
Lupinus densiflorus- yellow lupine	Medium annual	Summer-late summer bloom (trialed by Williams for field success/Huber's list) native bees, bumblebees, hummingbird, arrowhead blue butterfly
Lupinus formosus- summer lupine	Short perennial	Early summer (trialed by Williams for success) native bees, bumblebees, hummingbird, butterfly: Arrowhead Blue
Lupinus nanus- sky lupine	Short annual	Spring (prettier than bicolor) native bees, bumblebees, hummingbird, butterfly: Arrowhead Blue
Lupinus succulentus- Arroyo lupine	Medium annual	Spring (trialed by Williams for field success) native bees, bumblebees, hummingbird, Arrowhead Blue
Monardella villosa- coyote mint	Short perennial	Native bees, butterflies
Phacelia californica	Medium perennial	Slightly outside the range, but great bumblebee plant (trialed for field success by Williams's lab) native bees, bumblebees
Phacelia tanacetifolia- lacy phacelia	Medium annual	Spring-summer (Huber's list) native bees, bumblebees
Trichostema lanceolatum- vinegarweed	Short annual	Summer-late summer (trialed by Williams for success/Huber's list) native bees, hummingbirds

Riparian trees-		
Acer macrophyllum		Native bees, honey bees.
Acer negundo- Box Elder	Deciduous tree	Beneficial insects
Fraxinus latifolia- Oregon Ash	Deciduous tree	Pale Swallowtail, Two-tailed Swallowtail, Western Tiger Swallowtail
Populus fremontii- Cottonwood	Large deciduous tree	Native bees, Dreamy Duskywing, Viceroy, Lorquin's Admiral, Weidemeyer's Admiral, Wide-banded Admiral (RCD field tested in alkali sink)
Platanus racemosa- California sycamore	Large deciduous tree	Western Tiger Swallowtail
Quercus chrysolepis	Evergreen tree	California Sister, Propertius Duskywing, Mournful Duskywing, Gold-Hunter's Hairstreak, Golden Hairstreak
Quercus lobata- Valley oak	Large deciduous tree	Mournful Duskywing, California Sister, Propertius Duskywing, Gold-Hunter's Hairstreak
Salix goodingii- Gooding's black willow	Large Deciduous tree	Native bees, Dreamy Duskywing, Viceroy, Lorquin's Admiral, Mourning Cloak, Western Tiger Swallowtail, Sylvan Hairstreak
Salix laevigata- Red willow (or take cutting from existing willows on site)	Large Deciduous tree	Native bees, Dreamy Duskywing, Viceroy, Lorquin's Admiral, Mourning Cloak, Western Tiger Swallowtail, Sylvan Hairstreak (Huber's short list)

## SECTION 5: Species that will thrive or tolerate alkali saline soils

Native CA wildflower mix		
Grindellia camporum- gum plant	Medium perennial	Summer-fall bloom (trialed by Williams for field success) common buckeye, great copper, native bees. Plant plugs
Lasthenia glabrata	Short annual	Late winter- spring. Butterflies. Seed
North Bank		
Cephalanthus occidentalis – button bush	Large deciduous shrub	Native bees. (RCD field tested in alkali sink)
Populus fremontii- Cottonwood	Large deciduous tree	Space 100 ft apart. Native bees, Dreamy Duskywind, Viceroy, Lorquin's Admiral, Weidemyer's Admiral, Wide-banded Admiral (RCD field tested in alkali sink)
Salix goodingii- Gooding's black willow	Large Deciduous tree	Space 100 ft apart. Native bees, Dreamy Duskywing, Viceroy, Lorquin's Admiral, Mourning Cloak, Western Tiger Swallowtail, Sylvan Hairstreak
Salix laevigata- Red willow (or take cutting from existing willows on site)	Large Deciduous tree	Space 100 ft apart. Native bees, Dreamy Duskywing, Viceroy, Lorquin's Admiral, Mourning Cloak, Western Tiger Swallowtail, Sylvan Hairstreak (Huber's short list)
Atriplex lentiformis- Quailbush	Evergreen shrub	Good structure for bird habitat. Saltbush Sootywing, Pygmy Blue (RCD field tested in alkali sink)
Low Flow Channel Plantings		
Frankenia salina- Alkali heath	Evergreen perennial	Spring-fall blooms. Butterflies. Start from plugs
Muhlenbergia rigens- Deergrass	Large bunch grass	
Sporobolus airoides- Alkali sacaton	Perennial grass	Native bees. Plug planted. Double row
Floodplain native grass mix		
Distichlis spicata- salt grass	Short perennial grass	Wandering skipper, alkali skipper, Sandhill Skipper. Plug plant (a few populations already existing on site)
Lasthenia glabrata	Short annual	Late winter- spring. Butterflies. Seed without disturbing soil.
South Slope		
Heteromeles arbutifolia- Toyon	Evergreen shrub	Native bees, hummingbirds, beneficial insects. (RCD field tested in alkaline sink)
Epilobium canum- CA fuchsia	Medium perennial	Native bees, white-lined sphinx moth, hummingbirds (RCD field tested in alkaline sink)
Muhlenbergia rigens- deer grass	Tall bunch grass	Native bees (RCD field tested in alkaline sink)
Salix lasiolepis- arroyo willow	Tall deciduous shrub	Native bees, Dreamy Duskywing, Viceroy, Lorquin's Admiral, Mourning Cloak, Western Tiger Swallowtail, Sylvan Hairstreak, Weidemyer's Admiral