

APPROVED PLANT SPECIES (BY WATERSHED) FOR USE IN RIPARIAN MITIGATION AREAS, PIMA COUNTY, ARIZONA

Western Pima County				
	Botanical Name	Common Name	Life Form	Water Requirements
HYDRORIPARIAN				
TREES				
	<i>Celtis laevigata (Celtis reticulata)</i>	Netleaf/Canyon hackberry	Perennial Tree	Moderate
	<i>Populus fremontii ssp. fremontii</i>	Fremont cottonwood	Perennial Tree	High
	<i>Salix gooddingii</i>	Goodding's willow	Perennial Tree	High
SHRUBS				
	<i>Celtis ehrenbergiana (Celtis pallida)</i>	Desert hackberry, spiny hackberry	Perennial Shrub	Low
GRASSES				
	<i>Setaria macrostachya</i>	Plains bristlegrass, large-spike bristlegrass	Perennial Bunchgrass	Moderate
	<i>Sporobolus airoides</i>	Alkali sacaton	Perennial Bunchgrass	Moderate
MESORIPARIAN				
TREES				
	<i>Acacia constricta</i>	Whitethorn Acacia	Perennial shrub/small tree	Low-moderate
	<i>Acacia greggii</i>	Catclaw Acacia	Perennial Tree	Low
	<i>Celtis laevigata (Celtis reticulata)</i>	Netleaf/Canyon hackberry	Perennial Tree	Moderate
	<i>Chilopsis linearis</i>	Desert Willow	Perennial Tree	Moderate
	<i>Parkinsonia florida</i>	Blue Palo Verde	Perennial Tree	Low- Moderate
	<i>Populus fremontii ssp. fremontii</i>	Fremont cottonwood	Perennial Tree	High
	<i>Prosopis pubescens</i>	Screwbean mesquite	Perennial Tree	Moderate
	<i>Prosopis velutina</i>	Velvet mesquite	Perennial Tree	Low
	<i>Salix gooddingii</i>	Goodding's willow	Perennial Tree	High
SHRUBS				
	<i>Anisacanthus thurberi (Drejera thurberi)</i>	Desert honeysuckle	Perennial Shrub	Moderate
	<i>Celtis ehrenbergiana (Celtis pallida)</i>	Desert hackberry, spiny hackberry	Perennial Shrub	Low
	<i>Lycium andersonii var. andersonii</i>	Anderson Wolfberry, water jacket	Perennial Shrub	Low
	<i>Lycium fremontii</i>	Fremont Wolfberry, Fremont's desert-thorn	Perennial Shrub	Low
	<i>Mahonia haematocarpa (Berberis haematocarpa)</i>	Red Mahonia, Red Barberry	Perennial Shrub	Low-Moderate
VINES				
	<i>Clematis drummondii</i>	Old man's beard, Virgin's bower, Drummond's Clematis	Perennial Vine	Moderate
PERENNIAL FORB/SUB-SHRUBS				
	<i>Ambrosia ambrosioides</i>	Canyon ragweed	Perennial Sub-Shrub	Moderate
	<i>Dichelostemma capitatum (Dichelostemma pulchellum)</i>	Bluedicks	Perennial Forb	Low
	<i>Dicliptera resupinata</i>	Arizona foldwing	Perennial Forb	Low
	<i>Glandularia gooddingii (Verbena gooddingii)</i>	Goodding's verbena, southwest mock vervain	Perennial Forb	Low
	<i>Penstemon pseudospectabilis</i>	Desert Penstemon	Perennial Forb	Moderate
ANNUAL WILDFLOWERS				
	<i>Kallstroemia grandiflora</i>	Arizona poppy	Annual Forb	Low
GRASSES				
	<i>Muhlenbergia porteri</i>	Bush muhly	Perennial Tufted Grass	Moderate
	<i>Muhlenbergia rigens</i>	Deergrass	Perennial Bunchgrass	Moderate
	<i>Setaria macrostachya</i>	Plains bristlegrass, large-spike bristlegrass	Perennial Bunchgrass	Moderate
	<i>Sporobolus airoides</i>	Alkali sacaton	Perennial Bunchgrass	Moderate
	<i>Sporobolus cryptandrus</i>	Sand dropseed, spike dropseed	Perennial Bunchgrass	Moderate

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XERORIPARIAN				
TREES				
	<i>Acacia constricta</i>	Whitethorn Acacia	Perennial Shrub/ Small Tree	Low-Moderate
	<i>Acacia greggii</i>	Catclaw Acacia	Perennial Tree	Low
	<i>Chilopsis linearis</i>	Desert Willow	Perennial Shrub/ Small Tree	Low-Moderate
	<i>Olneya tesota</i>	Desert Ironwood	Perennial Tree	Low
	<i>Parkinsonia florida</i>	Blue Palo Verde	Perennial Tree	Low-Moderate
	<i>Parkinsonia microphylla</i>	Foothills Palo Verde	Perennial Tree	Low
	<i>Prosopis pubescens</i>	Screwbean mesquite	Perennial Tree	Moderate
	Perennial Tree	Velvet mesquite	Perennial Tree	Low
SHRUBS				
	<i>Ambrosia deltoidea</i>	Triangle-leaf bursage	Perennial Shrub	Low
	<i>Atriplex canescens</i>	Four-winged saltbush	Perennial Shrub	Low
	<i>Atriplex lentiformis</i>	Quailbush	Perennial Shrub	Low
	<i>Calliandra eriophylla</i>	Fairy duster	Perennial Shrub	Low
	<i>Celtis ehrenbergiana (Celtis pallida)</i>	Desert hackberry, spiny hackberry	Perennial Shrub	Low
	<i>Dodonaea viscosa</i>	Hopbush	Perennial Shrub	Moderate
	<i>Encelia farinosa</i>	Brittlebush	Perennial Shrub	Low
	<i>Ericameria laricifolia (Haplopappus laricifolius)</i>	Turpentine bush	Perennial Shrub	Low
	<i>Eriogonum fasciculatum var. foliolosum/polifolium</i>	Flat-top buckwheat	Perennial Shrub	Moderate
	<i>Hyptis emoryi</i>	Desert lavender	Perennial Shrub	Low
	<i>Larrea tridentata var. tridentata</i>	Creosote bush	Perennial Shrub	Low
	<i>Lycium andersonii var. andersonii</i>	Anderson Wolfberry, water jacket	Perennial Shrub	Low
	<i>Lycium fremontii</i>	Fremont Wolfberry, Fremont's desert-thorn	Perennial Shrub	Low
	<i>Simmondsia chinensis</i>	Jojoba	Perennial Shrub	Low
	<i>Trixis californica</i>	Trixis, American threefold	Perennial Shrub	Low
	<i>Vauquelinia californica ssp. Californica/sonorensis</i>	Arizona Rosewood	Perennial Shrub	Low
	<i>Ziziphus obtusifolia var. canescens</i>	Graythorn, lotebush	Perennial Shrub	Low
VINES				
	<i>Clematis drummondii</i>	Old man's beard, Virgin's bower, Drummond's Clematis	Perennial Vine	Moderate
	<i>Cucurbita digitata</i>	Fingerleaf gourd	Perennial Vine	Low-Moderate
	<i>Cucurbita palmata (Cucurbita californica)</i>	Coyote melon, Coyote gourd	Perennial Vine	Moderate
CACTI & SUCCULENTS				
	<i>Cylindropuntia arbuscula, (Opuntia arbuscula)</i>	Arizona Pencil cholla	Perennial Cactus	Low
	<i>Cylindropuntia leptocaulis, (Opuntia leptocaulis)</i>	Christmas cholla, desert Christmas cactus	Perennial Cactus	Low
	<i>Ferocactus wislizeni (Echinocactus wislizeni)</i>	Candy barrel cactus	Perennial Cactus	Low
	<i>Nolina microcarpa</i>	Beargrass, sacahuista	Perennial Lily	Low
	<i>Opuntia phaeacantha</i>	prickly pear	Perennial Cactus	Low
PERENNIAL FORB/ SUB-SHRUBS				
	<i>Ambrosia ambrosioides</i>	Canyon ragweed	Perennial Sub-Shrub	Moderate
	<i>Dichelostemma capitatum (Dichelostemma pulchellum)</i>	Bluedicks	Perennial Forb	Low
	<i>Dicliptera resupinata</i>	Arizona foldwing	Perennial Forb	Low
	<i>Epilobium canum ssp. latifolium</i>	Hummingbird trumpet	Perennial Forb	Moderate
	<i>Glandularia gooddingii (Verbena gooddingii)</i>	Goodding's verbena, southwest mock vervain	Perennial Forb	Low

	<i>Penstemon parryi</i>	Penstemon, Parry, beardtongue	Perennial Forb	Low
	<i>Sphaeralcea ambigua</i> ssp. <i>Ambigua</i>	Desert globemallow, apricot globemallow	Perennial Forb	Low
	<i>Zinnia acerosa</i> (<i>Zinnia pumila</i>)	Desert zinnia	Perennial Sub-Shrub	Low
ANNUAL WILDFLOWERS				
	<i>Eschscholzia californica</i> ssp. <i>Mexicana</i> (<i>Eschscholtzia mexicana</i>)	Mexican Gold Poppy, California poppy	Annual Forb	Low
	<i>Kallstroemia grandiflora</i>	Arizona poppy	Annual Forb	Low
GRASSES				
	<i>Bothriochloa barbinodis</i> (<i>Andropogon barbinoides</i>)	Cane beardgrass	Perennial Bunchgrass	Moderate
	<i>Bouteloua curtipendula</i>	Sideoats grama	Perennial Tufted Grass	Low
	<i>Bouteloua rothrockii</i>	Rothrock grama	Perennial Tufted Grass	Low
	<i>Dasyochloa pulchella</i> (<i>Erioneuron pulchellus</i> , <i>Tridens pulchellus</i>)	Fluffgrass, low woolly grass	Perennial Grass	Low
	<i>Muhlenbergia porteri</i>	Bush muhly	Perennial Tufted Grass	Moderate
	<i>Muhlenbergia rigens</i>	Deergrass	Perennial Bunchgrass	Moderate
	<i>Setaria macrostachya</i>	Plains bristlegrass, large-spike bristlegrass	Perennial Bunchgrass	Moderate
	<i>Sporobolus airoides</i>	Alkali sacaton	Perennial Bunchgrass	Moderate
	<i>Sporobolus cryptandrus</i>	Sand dropseed, spike dropseed	Perennial Bunchgrass	Moderate