## Common Plants of Riparian Areas - North Central Texas With Wetland Indicator (WI) and Draft Stability Rating (SR)

Sedges / Grasses	WI	SR
Spikerushes (most)	OBL	6/7
Emory sedge	OBL	9
Sedges (most)	OBL	7/8
Sawgrass	OBL	9
Rice cutgrass	OBL	5
Southern wild rice	OBL	9
Water bentgrass *	OBL	5
Cattail	OBL	9
Bulrushes (most)	OBL	9
Rush (most)	OBL	6
Knotgrass	FACW	
Hairyseed paspalum	FACW	
Bushy bluestem	FACW	
Flatsedges (most)	FACW	5/6
Inland saltgrass	FACW	
Common reed	FACW	
Barnyard grass	FACW	
Florida paspalum	FACW	
Winter bentgrass	FACW	
Junglerice *	FACW	
Rabbitsfoot grass *	FACW	
Carolina canarygrass *	FACW	
Wetland sprangletops	FACW	
Switchgrass	FAC	9
Eastern gammagrass	FAC	9
Wildrye	FAC	5/6
White tridens	FAC	5
Vine-mesquite	FAC	6
Lindheimer muhly	FAC	7
Western wheatgrass	FAC	7
Dallisgrass *	FAC	7
Broad-leaf wood-oats	FAC	5
Knotroot bristle grass	FAC	5
Big sacaton	FAC	9
Alkali sacaton	FAC	7
Deergrass	FAC	8
Giant reed *	FAC	9
Buffalograss	FACU	3
Indiangrass	FACU	7
Little bluestem	FACU	5
Johnsongrass *	FACU	6
Bermudagrass *	FACU	6
Big sandbur	FACU	7
Southwestern bristle	UPL	5
Bulb panicum	UPL	8
		5
Texas wingergrass Texas bluegrass	UPL UPL	6
	UPL	5
Purpletop tridens  Ving Panch bluestom *		5
King Ranch bluestem *	UPL UPL	5 6
Creeping muly	UFL	U

#### \*Indicates Introduced Species

**SR** - Stability Ratings (Draft) on a scale of 1-10. Based on USFS GTR-47, by Al Winward. Bare ground has a SR of 1. Anchored rock or logs have a SR of 10. A SR of 7 in high gradient (>0.3% slope) streams or a SR of 6 in low gradient (<0.3% slope) streams is considered the minimum for acceptable bank stability.

Water willow Scouring rush OBL Scouring rush OBL Scouring rush OBL Marsh fleabane OBL Water primrose OBL Water primrose OBL Water primrose OBL  Marsh aster OBL Arrowhead OBL Water hyssop OBL Wa	Forbs	WI	SR
Marsh fleabane Water primrose Water primrose Watercress * OBL 3 Marsh aster OBL 3 Arrowhead OBL 3 Water hyssop OBL 3 Pennywort OBL 3 Monkeyflower OBL 3 Monkeyflower OBL 3 Monkeyflower OBL 3 Monkeyflower OBL 3 Cardinalflower FACW 5 Tall aster FACW 5 Spiny aster FACW 6 Bog-hemp FACW 5 Smartweed (most) FACW 3 Dock (most) FACW 3 Swamp milkweed FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower Heath aster FACU 6 Maximilian sunflower Heath aster FACU 6 Maximilian sunflower Heath aster FACU 6 Maximilian sunflower FACU 6 FACU 7 Carolina snailseed Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed FACU 3 Mexican sagewort UPL 5	Water willow	OBL	8
Water primrose Watercress * OBL 3 Marsh aster OBL 3 Arrowhead OBL 3 Water hyssop OBL 3 Pennywort OBL 3 Monkeyflower OBL 3 Cardinalflower FACW 5 Tall aster FACW 5 Spiny aster Large buttercup FACW 6 Bog-hemp FACW 5 Smartweed (most) Dock (most) FACW 3 Swamp milkweed FACW 3 Smallhead sneezeweed FACW 3 Late boneset FACW 3 Late boneset FACW 3 Late boneset FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 2 Frostweed Maximilian sunflower Heath aster FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort  OBL 3 OBL SI OBL SE OBLES OBL SE OBLES	Scouring rush	OBL	7
Watercress * OBL 3 Marsh aster OBL 3 Arrowhead OBL 3 Water hyssop OBL 3 Pennywort OBL 3 Monkeyflower OBL 3 Cardinalflower FACW 5 Tall aster FACW 5 Spiny aster FACW 6 Bog-hemp FACW 5 Smartweed (most) FACW 3 Dock (most) FACW 3 Swamp milkweed FACW 3 Smallhead sneezeweed FACW 3 Mint * FACW 3 Smallhead sneezeweed FACW 3 Late boneset FAC 3 Late boneset FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 4 Carolina snailseed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Marsh fleabane	OBL	5
Marsh aster Arrowhead OBL 3 Water hyssop OBL 3 Pennywort OBL 3 Monkeyflower OBL 3 Cardinalflower FACW 5 Tall aster FACW 5 Spiny aster Large buttercup FACW 6 Bog-hemp FACW 5 Smartweed (most) Dock (most) FACW 3 Swamp milkweed FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet Late boneset FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 2 Frostweed Maximilian sunflower Heath aster FACU 6 Maximilian sunflower Heath aster FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort  OBL 3 OBL 3 OBL 3  ABL	Water primrose	OBL	
Arrowhead OBL 3 Water hyssop OBL 3 Pennywort OBL 3 Monkeyflower OBL 3 Cardinalflower FACW 5 Tall aster FACW 5 Spiny aster FACW 8 Large buttercup FACW 6 Bog-hemp FACW 5 Smartweed (most) FACW 3 Dock (most) FACW 3 Swamp milkweed FACW 3 Mint * FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Late boneset FAC 3 Late boneset FAC 4 Joe pye weed FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Watercress *	OBL	
Water hyssop Pennywort OBL 3 Monkeyflower Cardinalflower FACW 5 Tall aster Spiny aster Large buttercup Bog-hemp FACW 5 Smartweed (most) Smartweed (most) FACW 3 Dock (most) FACW 3 FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Late boneset FACW 3 Late boneset FAC 4 Joe pye weed Giant ragweed FAC 3 Brazilian verbena * Tall goldenrod FACU 7 Common ragweed FACU 6 Maximilian sunflower Heath aster FACU 5 Illinois bundleflower Carolina snailseed Clammyweed Western ragweed Monkeyflower FACU 3 FACW 3 FACW 3 FACU 4 FACU 5 FACU 6 Maximilen sunflower FACU 6 Maximilen sunflower FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort UPL 5	Marsh aster	OBL	3
Pennywort OBL 3 Monkeyflower OBL 3 Cardinalflower FACW 5 Tall aster FACW 5 Spiny aster FACW 8 Large buttercup FACW 6 Bog-hemp FACW 3 Dock (most) FACW 3/4 Swamp milkweed FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Late boneset FAC 3 Late boneset FAC 4 Joe pye weed FAC 4 Giant ragweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 4 Clammyweed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Arrowhead	OBL	
Monkeyflower Cardinalflower Tall aster FACW 5 Spiny aster Large buttercup Bog-hemp FACW 5 Smartweed (most) Dock (most) Swamp milkweed FACW 3 Swamp milkweed FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Late boneset FAC 4 Joe pye weed Giant ragweed FAC 4 Giant ragweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 2 Frostweed Maximilian sunflower Heath aster Heath aster FACU 4 Clammyweed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort  FACW 5 FACW 3 FACW 4 FACU 4 FACU 6 FACU 6 FACU 4 FACU 5 Illinois bundleflower FACU 4 FACU 5 FACU 5 FACU 5 Illinois bundleflower Carolina snailseed Clammyweed VPL 5 Mexican sagewort UPL 5	Water hyssop	OBL	3
Cardinalflower Tall aster FACW 5 Spiny aster Large buttercup Bog-hemp FACW 5 Smartweed (most) Dock (most) Swamp milkweed Mint * FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower Heath aster Illinois bundleflower Carolina snailseed Clammyweed Western ragweed Mexican sagewort FACW 5 FACW 3 FACU 4 FACU 5 FICU 6 FACU 5 F	Pennywort	OBL	
Cardinalflower Tall aster FACW 5 Spiny aster Large buttercup Bog-hemp FACW 5 Smartweed (most) Dock (most) Swamp milkweed FACW 3 Swamp milkweed FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 7 Common ragweed FACU 6 Maximilian sunflower Heath aster FACU 6 Maximilian sunflower Heath aster FACU 6 Carolina snailseed Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort	Monkeyflower		
Spiny aster Large buttercup Bog-hemp FACW 5 Smartweed (most) Dock (most) Swamp milkweed FACW 3 Mint * FACW 3 Smallhead sneezeweed Sesbania FACW 3 Missouri violet Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 7 Common ragweed FACU 7 Common ragweed FACU 6 Maximilian sunflower Heath aster Heath aster FACU 6 Maximilian sunflower Heath aster FACU 5 Illinois bundleflower Carolina snailseed Clammyweed Western ragweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort  FACW 6 FACW 6 FACU 4 FACU 4 FACU 5	Cardinalflower	FACW	5
Spiny aster Large buttercup Bog-hemp FACW 5 Smartweed (most) Dock (most) Swamp milkweed FACW 3 Mint * FACW 3 Smallhead sneezeweed Sesbania FACW 3 Missouri violet Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 7 Common ragweed FACU 7 Common ragweed FACU 6 Maximilian sunflower Heath aster Heath aster FACU 6 Maximilian sunflower Heath aster FACU 5 Illinois bundleflower Carolina snailseed Clammyweed Western ragweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort  FACW 6 FACW 6 FACU 4 FACU 4 FACU 5	Tall aster	FACW	5
Large buttercup Bog-hemp FACW 5 Smartweed (most) FACW 3/4 Swamp milkweed FACW 3 Mint * Smallhead sneezeweed Sesbania FACW 3 Missouri violet Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * Tall goldenrod Common ragweed FACU 7 Common ragweed FACU 7 Common ragweed FACU 6 Maximilian sunflower Heath aster Heath aster FACU 5 Illinois bundleflower Carolina snailseed Clammyweed FACU 3 Western ragweed Mexican sagewort UPL 5 Mexican sagewort	Spiny aster	FACW	8
Smartweed (most) FACW 3 Dock (most) FACW 3/4 Swamp milkweed FACW 3 Mint * FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 7 Common ragweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Large buttercup	FACW	6
Dock (most)  Swamp milkweed  Mint *  Smallhead sneezeweed  Sesbania  Missouri violet  Late boneset  FACW  FACW  Sesbania  Missouri violet  FACW  Sesbania  FACW  Sesbania  FACW  Sesbania  FACW  Sesbania  FACW  FACW  Sesbania  FACW  FACW  Sesbania  FACW  FACW  FACW  FACW  FACW  FAC  FAC	Bog-hemp	FACW	5
Mint * FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 6 Carolina snailseed FACU 4 Clammyweed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Smartweed (most)	FACW	3
Mint * FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 6 Carolina snailseed FACU 4 Clammyweed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Dock (most)	FACW	3/4
Mint * FACW 3 Smallhead sneezeweed FACW 3 Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Swamp milkweed	FACW	3
Sesbania FACW 3 Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Mint *		3
Missouri violet FACW 3 Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Smallhead sneezeweed	FACW	
Late boneset FAC 5 Frogfruit FAC 4 Joe pye weed FAC 4 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Sesbania	FACW	
Frogfruit FAC 4 Joe pye weed FAC 3 Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Missouri violet		
Frogfruit FAC 4 Joe pye weed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Maximilian sunflower FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Late boneset	FAC	5
Giant ragweed FAC 3 Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Frogfruit	FAC	4
Annual sumpweed FAC 3 Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Joe pye weed		
Brazilian verbena * FAC 4 Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Giant ragweed	FAC	
Tall goldenrod FACU 7 Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Annual sumpweed		3
Common ragweed FACU 2 Frostweed FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Brazilian verbena *	FAC	
Frostweed FACU 6 Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Tall goldenrod	FACU	
Maximilian sunflower FACU 6 Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5		FACU	2
Heath aster FACU 5 Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Frostweed	FACU	6
Illinois bundleflower FACU 4 Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Maximilian sunflower	FACU	
Carolina snailseed FACU 4 Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Heath aster	FACU	5
Clammyweed FACU 3 Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Illinois bundleflower	FACU	
Western ragweed UPL 5 Field ragweed UPL 5 Mexican sagewort UPL 5	Carolina snailseed	FACU	
Field ragweed UPL 5 Mexican sagewort UPL 5	Clammyweed	FACU	
Mexican sagewort UPL 5	Western ragweed	UPL	
Mexican sagewort UPL 5	Field ragweed	UPL	
Pigeonberry UPL 3	Mexican sagewort	UPL	
	Pigeonberry	UPL	3

# WI - Wetland Indicator Categories (Region 6 USFWS) OBL Obligate Wetland

almost always occur in wetlands.

**FACW** Facultative Wetland Usually occur in wetlands; 67-99% probability. Occasionally occur in non wetlands.

FAC <u>Facultative</u>

non wetlands.

FAC <u>Facultative</u>
Equally likely to occur in wetlands and

**FACU** <u>Facultative Upland</u> Usually occur in non wetlands; 67-99% probability; Occasionally occur in wetlands.

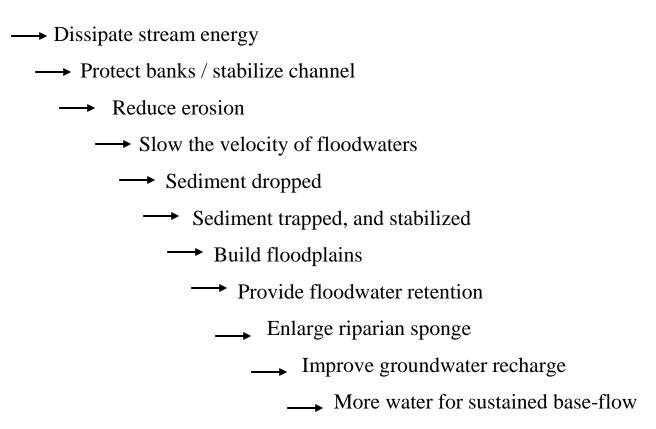
**UPL** <u>Obligate Upland</u> species; almost always occur in non wetlands

Woody	WI	SR
Buttonbush	OBL	8
Indigobush amorpha	OBL	7
Overcup oak	OBL	7
Water hickory	OBL	7
Swamp privet	OBL	7
Willow oak	FACW	
River birch	FACW	
Black willow	FACW	
Sandbar willow	FACW	
Green ash	FACW	
Saltcedar *	FACW	
Possomhaw	FACW	•
Box elder maple	FACW	
Eastern cottonwood	FAC	7
Water oak	FAC	6
Shumard red oak	FAC	6
Dewberry	FAC	4
Sycamore	FAC	6
Pecan	FAC	6
Little walnut	FAC	6
Roosevelt baccharis	1110	Ü
(B. neglecta)	FAC	6
Japanese honeysuckle *	FAC	5
American elder	FAC	6
Roughleaf dogwood	FAC	6
Sugar hackberry	FAC	5
American elm	FAC	6
Cedar elm	FAC	6
Slippery elm	FAC	6
Bur oak	FAC	6
Chinquapin oak	FAC	6
Virginia-Creeper	FAC	4
Honey locust	FAC	6
Wafer ash (Ptelea)	FAC	6
Sweet gum	FAC	6
Green briar	FAC	5
Rusty blackhaw	FACU	6
Live oak	FACU	6
Netleaf hackberry	FACU	
Red mulberry	FACU	
Winged elm	FACU	
Mesquite	FACU	
Western soapberry	FACU	
Bumelia	FACU	
Black walnut	FACU	
Desert willow	FACU	
Elbowbush	FACU	
American beauty-berry	FACU	
Coralberry	FACU	
Eastern red cedar	FACU	6
Osage Orange	UPL	6
Whitebrush	UPL	6
	UPL	5
Mexican persimmon Chinese privet *	UPL	5
Juniper	UPL	<i>5</i>
Fourwing saltbush	UPL	<i>3</i>
rourwing samousii	OFL	4
Adapted by Ricky.Linex@	tx.usda	.gov

Adapted by Ricky.Linex@tx.usda.gov from Common Plants of Riparian Areas – Central and Southwestern Texas by Steve Nelle

# What is a Functional Creek?

Creeks and riparian areas function properly when there is: Adequate Vegetation, Landscape formations, or Large wood to:



### **Results:**

- Improved water quality
- Sustained flow over time
- Increased forage for livestock
- Excellent fish and wildlife habitat

### How:

- Smaller pastures; Rotational grazing
- Riparian pastures; Abbreviated grazing periods; Long rest periods
- Off site water for livestock; Off site salt, minerals and feeding
- Retain tall dense vegetation with good stabilizing root mass
- Reduced human traffic, Limited mowing, Light grazing

### **Key Points:**

- Slow the water down with dense vegetation
- Keep water on the land longer
- Think Water-catchment, not Water-shed