

Animal Enhancement Activity – ANM 14 - Riparian Forest Buffer, Terrestrial and Aquatic Wildlife Habitat

Species	Flooding Tolerance	Large Debris	Soil Drainage	Shade Value	Wildlife Value	Height (Ft.)
Ash, Green	H	M	W, WD	H	M	60
Black	H	M	W, WD	H	M	60
White	L	M	WD	H	M	70
Balm-of-Gilead	M	M	W	M	M	70
Basswood	L	H	WD	H	H	75
Birch, Yellow	M	H	W, WD	M	M	70
Buttonbush	VH	L	W, WD	L	M	10
Cherry, Black	L	L	WD	L	H	70
Cottonwood	H	H	W, WD	M	H	90
Cranberry, Highbush	H	L	W, WD	L	H	15
Dogwood, Red-osier	H	L	W, WD	L	H	12
Silky	H	L	W, WD	L	H	12
Maple, Silver	H	H	W, WD	H	M	80
Sugar	L	H	WD	H	H	80
Red	H	H	W, WD	H	M	70
Oak, Bur	H	M	A	H	H	70
Red	L	M	W, WD	H	H	80
Swamp White	M	M	W, WD	H	H	70
White	L	H	WD, D	H	H	70
Pine, White	M	H	W, WD	L	M	90
Spruce, White	M	M	W, WD	M	M	75
Black	M	L	W, WD	L	M	60
Sycamore	H	H	W, WD	M	H	90
Tuliptree	L	M	WD	M	M	90
Walnut, Black	M	M	WD	M	H	80
White Cedar	M	L	W, WD	M	L	50
Willow, Black	VH	L	W	L	L	60

KEY	
A = All	M = Medium
D = Dry	VH = Very High
H = High	W = Wet
L = Low	WD = Well Drained

Flooding Tolerance - General capacity of the plant to withstand standing water. VH = able to survive deep, prolonged flooding for more than one year; H = able to survive deep flooding for one growing season, with mortality occurring if repeated the following year; and M = able to survive flooding or saturated soil for 30 consecutive days of flooding during the growing season without mortality.

Large Debris - Potential for the plant to produce trunk and limbs larger than ten inches in diameter before senescence. H = large debris possible within the life span of the plant; and L = large debris unlikely within the life span of the plant.

Soil Drainage - Adaptability of plant to grow in varying soil moisture conditions. W = wet or fully saturated soil; WD = well drained; D = dry soil conditions; and A = all soil conditions.

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Shade Value - The density or fullness of shade provided by an individual plant's crown in full leaf-out condition.

H = large crown providing full shade; M = partially open or medium sized crown that provides patchy or incomplete shade; and L = very open or small crown that provides minimal shade.

Wildlife Value - The potential for the plant to provide cover, useful cavity sites, and/or quality fruit production.

H = excellent cover, large cavity potential, and/or high quality fleshy fruit or nut production; M = moderate cover, cavity, and fruit production; and L = low cover, cavity potential, and dry, non-nut/fruit production.

Height – Potential height at physical maturity.

- Additional acceptable species may consist of native species identified in the Conservation Tree and Shrub Suitability Groups Spreadsheet (CTSG) located in eFOTG Section II, folder K.