

RIPARIAN BUFFER SUITABLE SPECIES*							
ZONE 1**							
Hydric Soil				Non-hydric Soil			
Plants	Height Class /1	Ever-green /2	Adaptation /3	Plants	Height Class /1	Ever-green /2	Adaptation /3
<u>Trees</u>				<u>Trees</u>			
Alder	B		N	Ash, White	A		N,C
Bay, Red	A	E	N,C,S	Basswood	A		N,C
Bay, Loblolly	A	E	N,C,S	Beech, Blue	B		N,C
Birch, River	A		N	Buckeye, Red	B		N,C
Cottonwood	A		N	Cedar, Red	A	E	N,C
Cypress	A		N,C,S	Cherry, Laurel	B	E	N,C
Dogwood, Swamp	B		N,C,S	Cherry, Wild black	A		N,C
Hackberry, Sugar	A		N,C,S	Dogwood, Flowering	B		N,C
Hickory, Water	A		N,C	Elder, Box	A		N,C
Holly, Dahoon	B	E	N,C,S	Elm, American	A		N,C
Juniper, (white cedar)	B	E	N	Elm, Winged	A		N,C
Lime, Ogeechee	B		N	Fringetree	B		N,C
Maple, Red	A		N,C,S	Gum, Black	A		N,C
Oak, Overcup	A		N	Hackberry, Sugar	A		N,C,S
Persimmon	A		N,C,S	Hickory, Mockernut	A		N,C
Popash	B		N,C,S	Hickory, Pignut	A		N,C
Poplar, Yellow	A		N	Holly, American	A	E	N,C
Sweetbay	A	E	N,C,S	Hophornbeam	A		N,C
Titi, Black	B	E	N	Magnolia, Southern	A	E	N,C,S
Tupelo, Water	A		N	Mulberry	A		N,C,S
Tupelo, Swamp	A		N,C	Oak, Laurel	A		N,C,S
Willow	A		N,C,S	Oak, Live	A		N,C,S
				Oak, Post	A		N,C
				Oak, Shumard	A		N
<u>Shrubs</u>				Oak, Southern red	A		N,C
Arrowwood	C		N,C	Oak, Swamp chestnut	A		N,C
Buttonbush	B		N,C,S	Oak, Water	A		N,C,S
Cyrilla, Swamp	B		N,C	Oak, Willow	A		N
Elderberry	B		N,C,S	Palm, Cabbage	A	E	N,C,S
Pepperbush, Sweet	C		N,C	Pecan	A		N
Viburnum, Possum-haw	B		N,C	Persimmon	A		N,C,S
Viburnum, Walter's	B		N,C,S	Plum, Wild	B		N,C
				Redbud	B		N,C
				Sweetgum	A		N,C
				Sycamore	A		N
				Waxmyrtle	B		N,C,S
				<u>Shrubs</u>			
				Beautyberry, American	C		N,C,S
				Blueberry	C		N,C,S
				Chinkapin	C		N,C,S
				Fetterbush	C	E	N,C,S
				Gallberry	C	E	N,C,S
				Lespedeza, Shrub	C		N
				Palmetto, Saw	C	E	N,C,S

Hydric Soil				Non-hydric Soil			
Plants	Height Class <u>/1</u>	Ever-green <u>/2</u>	Adaptation <u>/3</u>	Plants	Height Class <u>/1</u>	Ever-green <u>/2</u>	Adaptation <u>/3</u>
				Silverthorn	B	E	N,C
				Sumac, Shining	B		N,C,S
				Viburnum spp.	B		N,C,S
				Yaupon	C	E	N,C

*Other species may be used if approved by State Resource Conservationist.

/1 - A = trees > 40 ft. at maturity; B = trees/shrubs 10 to 40 ft.; C = shrubs < 10 ft.

/2 - E = evergreen

/3 - N = North FL, C = Central Florida, S = South Florida according to the map in 26 Ecological Communities of Florida

** ZONE 1

In order to achieve the desired detritus and large woody debris, this zone should be primarily a mixture of deciduous trees and shrubs. Specifications should include:

- a row of mixed shrubs (2 or more species) adjacent to the stream
- two rows of trees (2 or more species) with rows 8 ft. apart, staggering plantings in the rows

Zone 2

Loblolly, slash, or longleaf pine may be added; however, at least 20% of the plants in this zone should be deciduous trees and shrubs. Choose from Zone 1 list above. Plant the shrub rows on the outside edge so they will not be shaded out as the trees mature.

Zone 3

The following grasses and forbs are recommended for use in the sediment trapping/erosion control strip:

- Aeschynomene
- Bahiagrass, Pensacola
- Bermudagrass
- Clover, Crimson
- Clover, Red
- Clover, White (ladino)
- Digitgrass
- Gammagrass, Eastern
- Indiangrass
- Panicgrass, Coastal
- Switchgrass

See Standards for Pasture & Hayland Planting (512) and Pasture & Hayland Management (510) and Filter Strip (393) for guidance. For best wildlife benefit, plant a legume/ native warm-season grass mixture.