

Catskill Streams Buffer Initiative (CSBI) 2023 Native Planting List for Riparian Areas

Common Name	Botanical Name	USDA Plant Symbol	NWI	Height (feet)	Flower Color	Flower Time	Fruit / Seed
Grasses/Sedges							
Fringed Sedge	<i>Carex crinita</i>	CACR6	OBL	3'	Green	Spring	Hanging Spike
Shallow sedge	<i>Carex lurida</i>	CALA5	OBL	3'	Green	Spring	Spike
Tussock/upright sedge	<i>Carex stricta</i>	CAST8	OBL	2'	Green	Spring	Hanging Spike
Fox Sedge	<i>Carex vulpinoidea</i>	CAVU2	OBL	3'	Green	Spring	Upright Spike
Riverbank Wild Rye	<i>Elymus riparius</i>	ELRI	FACW	4'	Yellow	Summer	Spike
Soft Rush/Common Rush	<i>Juncus effusus</i>	JUEF	OBL	3'	Brown	Spring	Cluster
Little Blue Stem	<i>Schizachyrium scoparium</i>	SCSC	FACU	3	Yellow	Summer	Cluster
Flowering Herbaceous							
Swamp milkweed	<i>Asclepias incarnata</i>	ASIN	OBL	4'	Pink	July-August	Pod
Common Milkweed	<i>Asclepias syriaca</i>	ASSY	UPL	6'	Pink	July-August	Pod
Butterfly milkweed	<i>Asclepias tuberosa</i>	ASTU	NA	2'	Orange	June-July	Pod
White turtlehead	<i>Chelone glabra</i>	CHGL2	OBL	4'	White	Sept-Oct	Capsule
Boneset	<i>Eupatorium perfoliatum</i>	EUPE	FACW	4'	White	Aug-Sept	Achene
Joe-pye weed (spotted)	<i>Eutrochium maculatum</i>	EUMAM4	OBL	5'	Pink	July-Sept	Achene
Blue Flag Iris	<i>Iris versicolor</i>	IRVE2	OBL	2'	Blue	May-June	Capsule
Cardinal Flower	<i>Lobelia cardinalis</i>	LOCA2	OBL	4'	Red	July-August	Capsule
Scarlet Bee-Balm	<i>Monarda didyma</i>	MODI	FAC	3'	Scarlet	July-August	Seed
Wild Bergamot	<i>Monarda fistulosa</i>	MOFI	FACU	3'	Purple	July-August	Seed
Foxglove Penstemon	<i>Penstemon digitalis</i>	PEDI	FAC	4'	White	June-July	Brown
New England Aster	<i>Symphotrichum novae-angliae</i>	ASNO	FACW	3'	Blue/Purple	Aug-Oct	Achene
Shrub Species							
Speckled Alder	<i>Alnus incana</i>	ALIN	FACW	12	Yellow	Spring	Cone
Smooth/Hazel Alder	<i>Alnus serrulata</i>	ALSE2	OBL	12	Yellow	Spring	Cone
Red Chokeberry	<i>Aronia arbutifolia</i>	ARAR7	FACW	5	White	Mid Spring	Red
Black Chokeberry	<i>Aronia melanocarpa</i>	ARME6	FACW	15	White	Spring	Blue/Black
Buttonbush	<i>Cephalanthus occidentalis</i>	CEOC	OBL	8-15	White	Spring	White
Silky Dogwood	<i>Cornus amomum</i>	COAM	FACW	6-10	White	Late Spring	Blue/Black
Gray Dogwood	<i>Cornus racemosa</i>	CORA	FACW	10	White	Late Spring	White
Red Osier Dogwood	<i>Cornus sericea</i>	COSE16	FACW	10	White	Late Spring	White
Amer Filbert/Hazelnut	<i>Corylus americana</i>	COAM3	FACU	10	White	Spring	Nut
Hamamelis virginiana	<i>American witchhazel</i>	HAVI4	FACU	12	Yellow	Fall/Winter	Capsule
Winterberry	<i>Ilex verticillata</i>	OLVE	FACW	6	White	Late Spring	Red
Spicebush	<i>Lindera benzoin</i>	LIBE	FACU	15	Yellow	Spring	Red
Northern Bayberry	<i>Morella pensylvanica</i>	MOPE	FAC	12	Yellow	Spring	Blue
Ninebark	<i>Physocarpus opulifolius</i>	PHOP	FACW	10	White/Purple	Spring	Orange
Choke Cherry	<i>Prunus virginiana</i>	PRVI	FACU	15	White	Spring	Black
Rosa palustris	Swamp rose	ROPA	OBL	6	Pink	Summer	Red
Rosa virginiana	Virginia rose	ROVI2	FAC	6	Pink	Summer	Red
Pussy Willow	<i>Salix discolor</i>	SADI	FACW	4-12	White	Early Spring	Catkin
Common Elderberry	<i>Sambucus canadensis</i>	SACO	FACW	4-12	White	Summer	Purple
Meadowsweet	<i>Spiraea alba</i>	SPAL	FACW	4-6	White	Summer	Brown
Spiraea tomentosa	Steeplebush/Hardhack	SPTO2	FACW	3-5	Pink	Summer	Brown
Vaccinium corymbosum	Highbush Blueberry	VACO	FACW	8	White	Early Spring	Blue
Northern Arrowwood	<i>Viburnum dentatum</i>	VIDE	FACW	9	White	Spring	Blue/Black
Nannyberry	<i>Viburnum lentago</i>	VILE	FAC	9	White	Late Spring	Blue/Black
American Cranberry	<i>Viburnum trilobum</i>	VITR	FACW	6	White	Spring	Red
Tree Species							
Balsam Fir	<i>Abies balsamea</i>	ABBA	FAC	60	Yellow	Mid Summer	Cone
Abies concolor	Concolor / White Fir	ABCO	NA				
Red Maple	<i>Acer rubrum</i>	ACRU	OBL	70	Red	Spring	Winged
Acer Saccharinum	Silver Maple	ACSA2	FAC				
Sugar Maple	<i>Acer saccharum</i>	ACSA3	FACU	100	Green	Mid Spring	Winged
Amelanchier arborea	Downy serviceberry	AMAR3	FACU	35	White	Early Spring	Red/purple
Canadian Serviceberry	<i>Amelanchier canadensis</i>	AMCA4	FAC	23'	White	Early Spring	Red/Purple
Smooth/Allegheny Serviceberry	<i>Amelanchier laevis</i>	AMLE	FACU	15-25	White	Early Spring	Red/Purple
Yellow Birch	<i>Betula alleghaniensis</i>	BEAL	FAC	70	Brown	Spring	Catkin
Betula lenta	Sweet/Black Birch	BELE	FACU				
River Birch	<i>Betula nigra</i>	BENI	FACW	70	Brown	Spring	Catkin
Paper birch	<i>Betula papyrifera</i>	BEPA	FACU	70	Yellow	Spring	Catkin
Gray birch	<i>Betula populifolia</i>	BEPO	FAC	25	Brown	Spring	Catkin
Ironwood	<i>Carpinus caroliniana</i>	CACA18	FAC	30	Orange	Spring	Catkin
Bitternut Hickory	<i>Carya cordiformis</i>	CACO15	FAC	50-80'			
Pignut Hickory	<i>Carya glabra</i>	CAGL8	FACU	50-80'			
Shagbark Hickory	<i>Carya ovata</i>	CAOV2	FACU	70-90'	Yellow	Spring	Catkin
Celtis occidentalis	Hackberry	CEOC	FAC				
Cercis canadensis	Eastern Redbud	CECA4	FACU				
Cornus florida	Flowering dogwood	COFL2	FACU				
Diospyros virginiana	Common Persimmon	DIVI5	FAC				
Butternut	<i>Juglans cinerea</i>	JUCI	FACU	100	Yellow	Late Spring	Nut
Black Walnut	<i>Juglans nigra</i>	JUNI	FACU	100	Yellow	Late Spring	Nut
American Larch/Tamarack	<i>Larix laricina</i>	LALA	FACW	80	Red	Spring	Cone
Liriodendron tulipifera	Tulip poplar	LITU	FACU				
Nyssa sylvatica	Black Gum/Black Tupelo	NYSY	FAC				
White Spruce	<i>Picea glauca</i>	PIGL	FACU	100	Yellow	Spring	Cone
Red Pine	<i>Pinus resinosa</i>	PIRE	FACU	100	Red	Spring	Cone
White Pine	<i>Pinus strobus</i>	PIST	FACU	150	Red	Spring	Cone
Sycamore	<i>Platanus occidentalis</i>	PLOC	FACW	100	Red	Spring	Brown
Eastern Cottonwood	<i>Populus deltoides</i>	PODE3	FAC	90-100+	Yellow	Spring	Catkin
Big-toothed Aspen	<i>Populus grandidentata</i>	POGR4	FACU	90-100+			
Quaking Asp	<i>Populus tremuloides</i>	POTR5	FACU	65	Blue	Late Spring	White
Black Cherry	<i>Prunus serotina</i>	PRSE	FACU	80	White	Spring	Purple
White Oak	<i>Quercus alba</i>	QUAL	FACU	100	Yellow	Mid Spring	Nut
Swamp White Oak	<i>Quercus bicolor</i>	QUBI	FACW	80	Yellow	Mid Spring	Nut
Quercus macrocarpa	Bur Oak	QUMA2	FACU				
Pin Oak	<i>Quercus palustris</i>	QUPA2	FACW	100	Yellow	Spring	Nut
Northern Red Oak	<i>Quercus rubra</i>	QRUR	FACU	80	Yellow	Mid Spring	Nut
Quercus velutina	Black Oak	QUVE	NA				
Salix nigra	Black Willow	SANI	OBL				
Sassafras	<i>Sassafras albidum</i>	SAAL5	FACU	75	Yellow	Late Spring	Blue
Amer Mt. Ash	<i>Sorbus americana</i>	SOAM3	FACU	40	White	Spring	Orange
Northern White Cedar	<i>Thuja occidentalis</i>	THOC2	FACW	50	Green	Mid Spring	Cone
Tilia americana L. var. americana	American Basswood	TIAM	FACU				
Eastern Hemlock	<i>Tsuga canadensis</i>	TSCA	FACU	105	Yellow	Spring	Cone

NWI = National Wetland Indicator Status

OBL: Obligate Wetland: Occurs almost always (estimated probability 99%) under natural conditions in wetlands.

FACW: Facultative Wetland: Usually occurs in wetlands (estimated probability 67%-99%), but occasionally found in non-wetlands.

FAC: Facultative: Equally likely to occur in wetlands or non-wetlands (estimated probability 34%-66%).

FACU: Facultative Upland: Usually occurs in non-wetlands (estimated probability 67%-99%), but occasionally found on wetlands (estimated probability 1%-33%).