Master Pollinator and Buffer Zone Restoration Table
Species Specific Interactions

Not a comprehensive list of all species

Common Name	Latin Name	Existing?	Vegetation Type	Location BA1 = Biodiversity Area 1 BA2 = Biodiversity Area 2 TNH = Turtle Nesting Habitat TA = Tree Area	Bloom Time: M	A	M	J	J	A	S	O	Source Type for "At Risk" Bee Species: Pollen	Nectar	Host	"At Risk" Bumblebee Species (Gelbrar Lab): Yellow-banded (*Bombus terricola*)	Golden northern (*Bombus fervidus*)	Half-black (*Bombus vagans*)	Comprehensive Source Type (Gelbrar Lab & the Northeast Native Plant Primer): Pollen for native pollinators	Nectar for native pollinators (bees, butterflies, hummingbirds)	Food source for butterflies other than nectar	Larval host for bee, butterfly and moth species	Food, Forage, Shelter, Nesting material for mammals, reptiles, or amphibians (Vegetation ideal for TNH shown in purple with target species)	Food, shelter, nesting, or seed disperal by/for birds	Butterflies (if known) (Gelbrar Lab, the Northeast Native Plant Primer, Lady Bird Johnson Wildflower Center) "At risk" shown in red "Rare" shown with underline	Other species (if known) (Gelbrar Lab, the Northeast Native Plant Primer, USDA) "At risk" shown in red
Black-eyed susan	*Rudbeckia hirta*	✓	Herb. perennial	BA1																				Silver checkerspot	Emerald moth, common eupithecia moth, large mammals, terrestrial birds
Purple coneflower	*Echinacea purpurea*	✓	Herb. perennial	BA1																				UKNWN	UNKWN
Oxeye sunflower	*Heliopsis helianthoides*	✓	Herb. perennial	BA1																				UKNWN	UNKWN
Common milkweed	*Asclepias syriaca*	✓	Herb. perennial	BA1																				Monarch, queen, Edwards' hairstreak, spring azure, eastern tiger swallowtail, grey hairstreak	Milkweed tussock moth, Other bees
Red oak	*Quercus rubra*	✓	Tree	General proximity																				Morning cloak	Browse/graze animals
White oak	*Quercus alba*	✓	Tree	General proximity																				Edwards' hairstreak, morning cloak	Browse/graze animals
Norway spruce (Non-native)	*Picea abies*	✓	Tree	BA1																					Other bees
Steeplebush	*Spiraea tomentosa*		Herb. perennial	BA2/TNH																					Browse/graze animals, other bees
White meadowsweet	*Spiraea alba*		Herb. perennial	BA2/TNH																				Edwards' hairstreak, spring azure	Browse/graze animals, other bees
Greater St. John's Wort	*Hypericum majus*		Herb. perennial	BA1/BA2																					Other bees
Spotted St. John's Wort	*Hypericum punctatum*		Herb. perennial	BA1/BA2																					Other bees
Pussy willow	*Salix discolor*		Shrub	BA2																				Mourning cloak	Browse animals, other bees
Purple-flowering raspberry	*Rubus odoratus*		Shrub	BA1																					Browse/graze animals, terrestrial birds, other bees
Sweetgum	*Liquidambar styraciflua*		Tree	TA																					Small mammals, water birds, terrestrial birds
Fringe tree	*Chionanthus virginicus*		Tree	TA																					Large mammals, small mammals, terrestrial birds
Flowering dogwood	*Cornus florida*		Tree	TA																				Spring azure	Large mammals, small mammals, terrestrial birds, water birds
Serviceberry	*Amelanchier canadensis*		Shrub	TA																					Browse/graze animals, terrestrial birds
Tulip	*Liriodendron tulipifera*		Tree	TA																				Eastern tiger swallowtail	Large mammals, small mammals, terrestrial birds
Sweetfern	*Comptonia peregrina*		Shrub	BA2/TNH																		Painted & Common snapping turtle (*Chrysemys picta & Chelydra serpentina*)		Grey hairstreak	Large mammals, small mammals, terrestrial birds
Highbush blueberry	*Vaccinium corymbosum*		Shrub	BA2/TNH																		Painted & Common snapping turtle (*Chrysemys picta & Chelydra serpentina*)			Browse/graze animals, terrestrial birds, other bees
Conservation/Wildlife Seed Mix																									
Virginia wild rye	*Elymus virginicus*		Herb. perennial	TA/TNH/BA2																					Browse/graze animals
Little bluestem	*Schizachyrium scoparium*		Herb. perennial	TA/TNH/BA2																		Painted & Common snapping turtle (*Chrysemys picta & Chelydra serpentina*)			Browse/graze animals
Big bluestem	*Andropogon gerardii*		Herb. perennial	TA/TNH/BA2																				Delware skipper, dusted skipper, common wood-nymph	Browse/graze animals
Red Fescue	*Festuca rubra*		Herb. perennial	TA/TNH/BA2																					Small mammals, terrestrial birds
Indiangrass	*Sorghastrum nutans*		Herb. perennial	TA/TNH/BA2																				Pepper-and-salt skipper	Water birds, terrestrial birds
Switchgrass	*Panicum virgatum*		Herb. perennial	TA/TNH/BA2																		Painted & Common snapping turtle (*Chrysemys picta & Chelydra serpentina*)		Northern broken-dash, delaware skipper	Small mammals, terrestrial birds
Partridge pea	*Chamaecrista fasciculata*		Herb. perennial	TA/TNH/BA2																				Cloudless sulphur	Large mammals, terrestrial birds
Showy ticktrefoil	*Desmodium canadense*		Herb. perennial	TA/TNH/BA2																				Northern cloudywing, southern cloudywing, hoary edge, grey hairstreak, eastern tailed-blue	Large mammals, small mammals, terrestrial birds
Butterfly milkweed	*Asclepias tuberosa*		Herb. perennial	TA/TNH/BA2																				Monarch, queen, Edwards' hairstreak, eastern tiger swallowtail, grey hairstreak	Milkweed tussock moth, large mammals, terrestrial birds, other bees
Beggar ticks	*Bidens frondosa*		Herb. perennial	TA/TNH/BA2																					Browse/graze animals
Spotted (purple) joe pye weed	*Eupatorium purpureum (Eutrochium maculatum)*		Herb. perennial	TA/TNH/BA2																				Eastern tiger swallowtail	Three-lined flower moth, ruby tiger moth, browse/graze animals, other bees
Black eyed susan	*Rudbeckia hirta*		Herb. perennial	TA/TNH/BA2																				Silver checkerspot	Emerald moth, common eupithecia moth, large mammals, terrestrial birds
Heath/Hairy aster	*Aster pilosus (Symphyotrichum pilosum)*		Herb. perennial	TA/TNH/BA2																				Eastern tailed-blue	Large mammals, terrestrial birds
Early goldenrod	*Solidago juncea*		Herb. perennial	TA/TNH/BA2																				Gray hairstreak	Other bees