

Master Pollinator and Buffer Zone Restoration Table
Species Specific Interactions

Species Specific Interactions		Not a comprehensive list of all species																				Butterflies (if known)		Other species (if known)								
Location				Bloom Time		Source Type for "At Risk" Bee Species			"At Risk" Bumblebee Species (GeGear Lab)										(GeGear Lab & the Northeast Native Plant Primer) (GeGear Lab data denoted by 'x')										(GeGear Lab, the Northeast Native Plant Primer, Lady Bird Johnson Wildflower Center)		(GeGear Lab, the Northeast Native Plant Primer, USDA)	
Common Name	Latin Name	Existing?	Vegetation Type	BA1 = Biodiversity Area 1 BA2 = Biodiversity Area 2 TNH = Turtle Nesting Habitat TA = Tree Area	M	A	M	J	J	A	S	O	Pollen	Nectar	Host	Yellow-banded (Bombus terricola)	Golden northern (Bombus fervidus)	Half-black (Bombus vagans)	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 dispersal by/for birds	"At risk" shown in red "Rare" shown with underline	"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																				UNKWN	UNKWN							
Oxeye sunflower	Helopsis helianthoides	✓	Herb. perennial	BA1																				Monarch, queen, Edwards' hairstreak, spring azure, eastern tiger swallowtail, grey hairstreak	Milkweed tussock moth, Other bees							
Common milkweed	Asclepias syriaca	✓	Herb. perennial	BA1																					Browse/graze animals							
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																						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																					Delaware 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		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/graz 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																					Grey hairstreak	Other bees						