

Research-based native plants to support MA bumblebee species at risk. Plants supporting butterfly and other bee species at risk are also indicated. List created by Dr. Robert J Gegear, UMASS Dartmouth (rgegear@umassd.edu).																
Pollen Sources												'At risk' species				
					BLOOM TIME							BUMBLEBEES			BUTTER FLIES	OTHER BEES
LATIN NAME	COMMON NAME	PLANT TYPE	SUN	SOIL	Early		Mid		Late			B. terricola	B. fervidus	B. vagans		
					M	A	M	J	J	A	S	O				
<i>Hypericum ascyron</i>	Great St. John's-wort	Herb. perenn.	Full-Part	Med					J						NA	
<i>Hypericum majus</i>	Greater St. John's-wort	Herb. perenn.	Full-Part	Med, Wet					J	J					NA	
<i>Hypericum punctatum</i>	Spotted St. John's-wort	Herb. perenn.	Full-Part	Med, Dry					J	J					NA	
<i>Hypericum prolificum</i>	Shrubby St. John's-wort	Shrub	Full-Part	Med, Dry				J	J	J					NA	
<i>Rosa acicularis</i>	Bristly rose	Shrub	Full-Shade	Med, Dry				J	J						NA	
<i>Rosa blanda</i>	Smooth rose	Shrub	Full-Part	Med, Dry				J	J						NA	
<i>Rosa carolina</i>	Carolina rose	Shrub	Full-Part	Wet, Med, Dry				J	J	J					NA	
<i>Rosa nitida</i>	Shining rose	Shrub	Full-Part	Wet, Med				J	J	J	J				NA	
<i>Rosa palustris</i>	Swamp rose	Shrub	Full-Part	Med				J	J						NA	
<i>Rosa virginiana</i>	Virginia rose	Shrub	Full-Part	Med				J	J	J					NA	
<i>Rubus odoratus</i>	Flowering raspberry	Shrub	Full-Part	Med				J	J						NA	
<i>Salix discolor</i>	Pussy willow (male)	Shrub	Full	Med	J	J									NA	
<i>Salix humilis</i>	Prairie willow (male)	Shrub	Full-Part	Med, Dry		J	J								NA	
<i>Salix lucida</i>	Shining willow (male)	Shrub	Full-Part	Med, wet		J	J								NA	
<i>Salix occidentalis</i>	Dwarf prairie willow (male)	Shrub	Full-Part	Med, Dry	J	J									NA	
<i>Salix petiolaris</i>	Meadow willow (male)	Shrub/sm tree	Full-Part	Med		J	J								NA	
<i>Salix bebbiana</i>	Bebb willow (male)	Shrub	Full-Part	Dry, Med, Wet		J	J								NA	
<i>Spiraea alba</i>	White meadowsweet	Shrub	Full-Part	Wet, Med				J	J	J	J				NA	
<i>Spiraea tomentosa</i>	Steeplebush	Shrub	Full-Part	Wet						J	J				NA	
Nectar sources					BLOOM TIME							BUMBLEBEES			BUTTER FLIES	OTHER BEES
LATIN NAME	COMMON NAME	PLANT TYPE	SUN	SOIL	Early		Mid		Late			B. terricola	B. fervidus	B. vagans		
					M	A	M	J	J	A	S	O				
<i>Blephilia hiruta</i>	Hairy woodmint	Herb. perenn.	Part-Shade	Med,Dry			J	J	J	J						
<i>Blephilia ciliata</i>	Downy woodmint	Herb. perenn.	Part-Shade	Dry			J	J	J	J						
<i>Astragalus canadensis</i>	Canadian milkvetch	Herb. perenn.	Full-Part	Wet, Dry			J	J	J							
<i>Eupatorium perfoliatum</i>	Boneset Thoroughwort	Herb. perenn.	Full-Part	Wet, Med				J	J	J						
<i>Pycnanthemum tenuifolium</i>	Narrowleaf mountain mint	Herb. perenn.	Full-Part	Med, Dry				J	J	J						
<i>Asclepias amplexicaulis</i>	Clasping milkweed	Herb. perenn.	Full-Part	Dry				J	J							
<i>Asclepias exaltata</i>	Poke milkweed	Herb. perenn.	Part, Shade	Med, Dry				J	J							
<i>Asclepias incarnata</i>	Swamp milkweed	Herb. perenn.	Full-Part	Med, Dry				J	J	J						
<i>Asclepias purpurascens</i>	Purple milkweed	Herb. perenn.	Full-Part	Wet, Med,Dry				J	J							
<i>Asclepias quadrifolia</i>	Four-leaved milkweed	Herb. perenn.	Full-Part	Med, Dry			J	J	J							
<i>Asclepias syriaca</i>	Common milkweed	Herb. perenn.	Full	Wet, Med, Dry				J	J	J						
<i>Asclepias tuberosa</i>	Butterfly milkweed	Herb. perenn.	Full-Part	Dry				J	J							
<i>Asclepias verticillata</i>	Whorled milkweed	Herb. perenn.	Full-Part	Med, Dry				J	J	J						
<i>Cercis canadensis</i>	Eastern Redbud	Tree	Part	Med, Dry	J	J	J									
<i>Eutrochium dubium</i>	Coastal Plain Joe-Pye weed	Herb. perenn.	Full-Part	Wet, Med				J	J	J						
<i>Eutrochium fistulosum</i>	Hollow Joe-Pye weed	Herb. perenn.	Full-Part	Wet, Med				J	J	J						
<i>Eutrochium maculatum</i>	Spotted Joe-Pye weed	Herb. perenn.	Full-Part	Wet, Med				J	J	J						
<i>Eutrochium purpureum</i>	Purple Joe-Pye weed	Herb. perenn.	Part	Wet,Med, Dry				J	J	J						
<i>Ilex opaca</i>	American holly	Tree	Full-Shade	Med, Dry	J	J	J									
<i>Symphyotrichum lateriflorum</i>	Calico aster	Herb. perenn.	Full-Part	Med Wet, Med dry					J	J	J					
<i>Salix discolor</i>	Pussy willow	Shrub	Full	Med	J	J										
<i>Salix humilis</i>	Prairie willow	Shrub	Full-Part	Med, Dry		J	J									
<i>Salix lucida</i>	Shining willow	Shrub	Full-Part	Med, wet		J	J									
<i>Salix occidentalis</i>	Dwarf prairie willow	Shrub	Full-Part	Med, Dry	J	J										
<i>Salix petiolaris</i>	Meadow willow	Shrub/sm tree	Full-Part	Med		J	J									
<i>Salix bebbiana</i>	Bebb willow	Shrub	Full-Part	Wet, Med, Dry		J	J									
<i>Solidago speciosa</i>	Showy goldenrod	Herb. perenn.	Part	Med					J	J	J					
<i>Baptisia tinctoria</i>	Yellow wild indigo	Herb. perenn.	Full-Part	Wet, Med, Dry				J	J	J						
<i>Cephalanthus occidentalis</i>	Common buttonbush	Shrub	Full-Part	Wet, Med				J	J	J						
<i>Chamerion angustifolium</i>	Narrow-leaved fireweed	Herb. perenn.	Full	Med, Dry				J	J	J						
<i>Chelone glabra</i>	White turtlehead	Herb. perenn.	Full-Part	Wet, Med				J	J	J						
<i>Cirsium discolor</i>	Field thistle	Herb. perenn.	Full-Part	Med, Dry					J	J	J					

[illegible]

