Plants to Promote Insects

Pollinator Powerhouse | W | white bloom

Developed from Polly Hill, Doug Tallamy research, and Robert Gegear research.

Plant Species	Sun	Soil Moisture	Height	Attributes	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB
Perennials																
Arctostaphylos uva-ursi - Bearberry	Sun, Part Shade	Dry, Average	5 in	Host plant - Hoary Elfin			W									
Vaccinium macrocarpon - Large cranberry	Sun	Wet	1 ft	Host plant - Bog Copper												
Baptisia tinctoria - Yellow wild indigo	Sun, Part Shade	Dry, Average	2-3 ft	Host plant - Frosted Elfin												
Asclepias tuberosa - Butterflyweed	Sun	Dry, Average	1-2 ft	Host plant - Monarch butterfly												
Asclepia incarnata - Swamp Milkweed	Sun, Part Shade	Wet, Average	2-3 ft	Host plant - 12 moths/butterflies including Monarch												
Anaphalis margaritacea - Pearly everlasting	Sun, Part Shade	Dry, Average	1-3 ft	Host Plant - American Lady Butterfly					W	W						
Eutrochium dubium - Coastal Plan Joe-Pye weed	Sun, Part Shade	Wet, Average	3-4 ft	Host plant												
Doellingeria umbellata - Tall white aster	Sun, Part Shade	Wet, Average	3-4 ft	Host plant - Pearl Crescent					W	W	W	W				
Verbena hastata - Blue vervain	Sun	Wet	2-4 ft	Host plant - Common Buckeye												
Solidago nemoralis - Gray goldenrod	Sun, Part Shade	Dry, Average	12-18 in	Host plant - several moths												
Solidago puberula - Downy goldenrod	Sun, Part Shade, Shade	Dry, Average	1-3 ft													
Eupatorium hyssopifolium - Hyssop-leaved thoroughwort	Sun, Part Shade	Dry, Average	1-3 ft	Host plant - Clymene moth						W	W	W				
Eurybia divaricata - White wood aster	Part Shade, Shade	Dry, Average	1-2 ft	Host plant - Pearl Crescent						W	W	W	W			
Grasses																
Deschampsia flexuosa - Wavy hair grass	Part Shade, Shade	Average	2-3 ft	Host plant					G	G						
Panicum virgatum - Switchgrass	Sun, Part Shade	Dry, Average	3-6 ft	Host plant												

Schizachyrium scoparium - Little bluestem	Sun, Part Shade	Dry, Average	12-48 in	Host plant												
Shrubs/ Understory Trees																
Hamamelis virginiana - American witch hazel	Sun, Part Shade, Shade	Average	6-15 ft	Host plant - 68 butterflies and moths												
Salix discolor - Pussy willow	Sun, Part Shade	Wet, Average	8 ft	Host plant	W	W										
Salix humilis - Prairie willow	Sun, Part Shade	Dry to wet	5 - 8 ft	Host plant		W	W									
Lindera benzoin - Spicebush	Sun to shade	Wet, Moderate	5 - 8 feet	Host plant												
Prunus maritima - Beach plum	Sun, Part Shade	Dry, Moderate	5 - 8 feet	Host plant and seed/fruit source		W	W	W								
Ilex glabra - Inkberry	Sun, Part Shade	Dry to wet	5 - 8 ft	Host plant - Henry's Elfin			W	W								
Trees																
Quercus alba, Q. velutina, and Q. stellata - White, Black, and Post Oaks	Sun, Part Shade	Moderate	40 feet	Host plant and nesting												
Prunus serotina - Black cherry	Sun, Part Shade	Moderate	40 feet	Host plant, seed/fruit source	W	W	W	W								
Prunus virginiana - Choke cherry	Sun	Dry, Moderate	25 - 40 feet	Host plant, seed/fruit source		W	W	W	W							
Pinus rigida - Pitch pine	Sun	Moderate	40 feet	Host plant												
Acer rubrum - Red maple	Sun, Part Shade	Wet, Moderate	40 feet	Host plant												
Fagus grandifolia - American beech	Sun, Part Shade	Moderate	40 feet	Host plant												
Betula papyrifera and B. populifolia - Paper Birch and Gray Birch	Sun, Part Shade	Dry to wet	40 feet	Host plant												
Carya glabra and C. tomentosa - Pignut hickory and Mockernut hickory	Sun, Part Shade	Moderate	40 feet	Host plant												
Crataegus crus-galli - Cockspur hawthorn	Sun	Moderate	25 - 40 feet	Host plant and Seed/Fruit source												
Chamaecyparis thyoides - Atlantic white cedar	Sun	Wet	40 ft	Host plant												
Juniperus virginiana - Eastern red cedar	Sun	Dry, Average	40 ft	Host plant - Juniper Hairstreak												