



2017

Woody Ornamentals for Bee-Friendly Landscapes (Ohio Valley Region)

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Repository Citation

Mach, Bernadette Maria and Potter, Daniel A., "Woody Ornamentals for Bee-Friendly Landscapes (Ohio Valley Region)" (2017).

Entomology Reports. 1.

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Woody Ornamentals for Bee-Friendly Landscapes (Ohio Valley Region)



Bernadette M. Mach, Daniel A. Potter

Common Name	Scientific Name	Native	Type	Rating ¹	Bloom Time								
					Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
Cornelian cherry	<i>Cornus mas</i>	nonnative	tree	★★★	█								
Dwarf fothergilla	<i>Fothergilla gardenia</i>	native	shrub	★	█	█							
Winter honeysuckle	<i>Lonicera fragrantissima</i>	nonnative	shrub	★★	█	█							
Higan weeping cherry	<i>Prunus subhirtella</i> 'pendula'	nonnative	tree	★★	█	█							
Higan cherry	<i>Prunus subhirtella</i> 'autumnalis'	nonnative	tree	★★★	█	█							
Flowering cherry	<i>Prunus</i> spp.	varies	tree	★★★	█	█							
Flowering crabapple	<i>Malus</i> spp.	varies	tree	★★★★	█	█							
Burkwood viburnum	<i>Viburnum burkwoodii</i>	hybrid	shrub	★★		█							
Cherry laurel	<i>Prunus laurocerasus</i>	nonnative	shrub	★		█	█						
Red horsechestnut	<i>Aesculus x carnea</i>	native	tree	★★		█	█						
American holly	<i>Ilex opaca</i>	native	tree	★★		█	█						
Foster's holly	<i>Ilex x attenuata</i>	hybrid	shrub	★★		█	█						
Winter king hawthorn	<i>Crateagus viridus</i>	native	tree	★★		█	█						
Serviceberry	<i>Amelanchier</i> spp.	native	both	★★		█	█						
Eastern redbud	<i>Cercis canadensis</i>	native	tree	★★★★		█	█						
Black gum	<i>Nyssa sylvatica</i>	native	tree	★★		█	█	█					
Ninebark	<i>Physocarpus opulifolius</i>	native	shrub	★★			█	█					
Fuzzy deutzia	<i>Deutzia scabra</i>	nonnative	shrub	★			█	█					
Pyracantha	<i>Pyracantha</i> spp.	nonnative	shrub	★★			█	█					
Japanese tree lilac	<i>Syringa reticulata</i>	nonnative	tree	★			█	█	█				

¹All of these plants are regularly visited by bees. Visitation ratings: ★ light, ★★ moderate, ★★★ heavy, ★★★★ very heavy.

Common Name	Scientific Name	Native	Type	Rating ¹	Bloom Time								
					Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
American yellowwood	<i>Cladrastis kentukea</i>	native	tree	★			█						
Mock orange	<i>Philadelphus</i> spp.	varies	shrub	★★			█						
Virginia spiraea	<i>Spiraea virginiana</i>	native	shrub	★★			█						
False Indigo	<i>Amorpha fruticosa</i>	native	shrub	★★★			█						
Buttonbush	<i>Cephalanthus occidentalis</i>	native	shrub	★★				█					
Climbing rose	<i>Rosa setigera</i>	native	shrub	★★★				█					
Common winterberry	<i>Ilex verticillata</i>	native	shrub	★★★★				█					
Sweetspire	<i>Itea virginica</i>	native	shrub	★				█	█				
Bottlebrush buckeye	<i>Aesculus parviflora</i>	native	shrub	★★★				█	█				
Linden	<i>Tilia cordata, americana</i>	nonnative	tree	★★★				█	█				
Golden raintree	<i>Koelreuteria reticulata</i>	nonnative	tree	★★★★				█	█				
St. John's Wort	<i>Hypericum frondosum</i>	native	shrub	★★★★				█	█	█			
Devil's walking stick	<i>Aralia elata</i>	native	tree	★★★					█	█			
PeeGee hydrangea	<i>Hydrangea paniculata</i>	nonnative	shrub	★★★★					█	█			
Clethra	<i>Clethra alnifolia</i>	native	shrub	★★★★					█	█			
Bee bee tree	<i>Tetradium danielii</i>	nonnative	tree	★★★★					█	█			
Winged sumac	<i>Rhus copallinum</i>	native	tree	★★★★					█	█			
Crape myrtle	<i>Lagerstroemia</i> spp.	nonnative	tree	★						█	█	█	
Glossy abelia	<i>Abelia x grandiflora</i>	nonnative	shrub	★★★						█	█	█	
Seven-son flower	<i>Heptacodium miconioides</i>	nonnative	tree	★★★★							█	█	█

¹All of these plants are regularly visited by bees. Visitation ratings: ★ light, ★★ moderate, ★★★ heavy, ★★★★ very heavy.

Plants that attract few or no Bees

Common Name	Scientific Name	Native	Type
Ozark witch hazel	<i>Hamamelis vernalis</i>	native	shrub
Forsythia	<i>Forsythia</i> spp.	nonnative	shrub
Star magnolia	<i>Magnolia stellata</i>	nonnative	tree
Spicebush*	<i>Lindera benzoin</i>	native	shrub
European boxwood	<i>Buxus sempervirens</i>	nonnative	shrub
"PJM" rhododendron*	<i>Rhododendron</i> spp.	nonnative	shrub
Sassafras	<i>Sassafras albidum</i>	native	tree
Japanese flowering	<i>Prunus</i> 'Kanzan'	nonnative	tree
Mulan magnolia	<i>Magnolia liliiflora</i>	nonnative	tree
White azalea	<i>Azalea</i> spp.	nonnative	shrub
Koreanspice viburnum	<i>Viburnum carlesii</i>	nonnative	shrub
Flowering dogwood*	<i>Cornus florida</i>	native	tree
Lilac*	<i>Syringa vulgaris</i>	nonnative	shrub
Vanhoutte spiraea*	<i>Spiraea x vanhouttei</i>	hybrid	shrub
Yellow buckeye*	<i>Aesculus flava</i>	native	tree
Carolina allspice	<i>Calycanthus floridus</i>	native	shrub
White fringetree	<i>Chionanthus virginicus</i>	native	tree
Kousa dogwood	<i>Cornus kousa</i>	nonnative	tree
Roughleaf dogwood*	<i>Cornus drummondii</i>	nonnative	tree
Japanese spirea*	<i>Spirea japonica</i>	nonnative	shrub
Catalpa*	<i>Catalpa speciosa</i>	native	tree
Hybrid tea rose	<i>Rosa</i> spp.	nonnative	shrub
Smooth hydrangea	<i>Hydrangea arborescens</i>	native	shrub
Bigleaf hydrangea	<i>Hydrangea macrophylla</i>	nonnative	tree
American elderberry*	<i>Sambucus canadensis</i>	native	tree
Oakleaf hydrangea*	<i>Hydrangea quercifolia</i>	native	shrub

*Plants with average visitation rates of 2-5, indicating infrequent visits by bees. All others had average snapshot counts of ≤ 1 .

All information based on data from an ongoing project, subject to change.

Our Top Woody Ornamentals for Honeybees

Common Name	Scientific Name
Cornelian cherry	<i>Cornus mas</i>
Higan cherry	<i>Prunus subhirtella</i> 'autumnalis'
Foster's holly	<i>Ilex x attenuata</i>
American yellowwood	<i>Cladrastis kentukea</i>
Common winterberry	<i>Ilex verticillata</i>
Linden	<i>Tilia cordata, americana</i>
Golden raintree	<i>Koelreuteria reticulata</i>
St. John's Wort	<i>Hypericum frondosum</i>
Bee bee tree	<i>Tetradium danielii</i>
Winged sumac	<i>Rhus copallinum</i>

Our Top Woody Ornamentals for Bumblebees

Common Name	Scientific Name
Red horsechestnut	<i>Aesculus x carnea</i>
American yellowwood	<i>Cladrastis kentukea</i>
False Indigo	<i>Amorpha fruticosa</i>
Buttonbush	<i>Cephalanthus occidentalis</i>
Sweetspire	<i>Itea virginica</i>
Golden raintree	<i>Koelreuteria reticulata</i>
St. John's Wort	<i>Hypericum frondosum</i>
Clethra	<i>Clethra alnifolia</i>
Glossy abelia	<i>Abelia x grandiflora</i>
Seven-son flower	<i>Heptacodium miconioides</i>