

Perennials for Shade

Scientific Name	Common Name	Height	Bloom Time	Shade Partial	Shade Full	Moisture Average	Moisture Dry	Black Walnut	Deer Resistant
Native									
<i>Actaea pachypoda</i>	White baneberry	1-3'	May/June	X	X	X		OK	~A
<i>Actaea racemosa</i>	Bugbane / Black cohosh	4-6'	June/July	X	X	X		OK	B
<i>Actaea rubra</i>	Red baneberry	1-3'	May/June	X	X	X		OK	~A
<i>Ageratina altissima</i>	Snakeroot	2-4'	Sept/Oct	X		X	X	OK	A
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit	1-2'	April/May	X	X	X		OK	A
<i>Aquilegia canadensis</i>	Columbine	1-3'	April/May	X		X		No	B
<i>Asclepias exaltata</i>	Poke milkweed	2-4'	Jun/Aug	X		X		OK	B
<i>Caulophyllum thalictroides</i>	Blue cohosh	1-2'	April/May	X	X	X		OK	~B
<i>Collinsonia canadensis</i>	Horsebalm / Stone root	2-3'	Aug/Sept	X		X	X	OK	~A
<i>Dryopteris filix-mas</i>	Male fern	2-3'	N/A	X	X	X		OK	A
<i>Dryopteris marginalis</i>	Marginal wood Fern	1-2'	N/A	X	X	X		OK	A
<i>Eurybia divaricata</i>	White wood aster	1-2'	Aug/Sept	X	X	X	X	OK	B
<i>Eurybia macrophylla</i>	Big-leaf aster	2-3'	Aug/Sept	X	X	X	X	OK	B
<i>Gillenia trifoliata</i>	Bowman's root	2-3'	May/June	X		X	X	?	~A
<i>Helianthus divaricatus</i>	Woodland sunflower	2-6'	July/Sept	X		X	X	OK	~B
<i>Maianthemum racemosum</i>	False Solomon's seal	2-3'	April/May	X	X	X		OK	~C
<i>Phlox divaricata</i>	Woodland phlox	1'	April/May	X	X	X	X	OK	C
<i>Podophyllum peltatum</i>	Mayapple	1'	April/May	X	X	X		OK	A
<i>Polemonium reptans</i>	Jacob's ladder	1-2'	May/June	X	X	X		OK	B
<i>Polygonatum biflorum</i>	Solomon's seal	1-3'	April/May	X	X	X	X	OK	C
<i>Polystichum acrostichoides</i>	Christmas fern	1-2'	N/A	X	X	X	?	OK	A
<i>Sanguinaria canadensis</i>	Bloodroot	<1'	Mar/April	X	X	X		OK	~A
<i>Solidago caesia</i>	Blue-stemmed goldenrod	1-3'	Aug/Sept	X	?	X	X	OK	B
<i>Solidago flexicaulis</i>	Zigzag goldenrod	1-3'	July/Sept	X	?	X	X	OK	B
<i>Tiarella cordifolia</i>	Foam flower	<1'	May	X	X	X		OK	B
<i>Trillium species</i>	Trillium	1'	April/May	X	X	X		OK	B
Non-Native									
<i>Aconitum species</i>	Monkshood	2-4'	Aug/Sept	X		X		OK	A
<i>Actaea simplex (& cultivars)</i>	Bugbane	3-4'	Aug/Sept	X	X	X		OK	B
<i>Alchemilla mollis</i>	Lady's mantle	1-2'	June	X	X	X	X	OK	B
<i>Anemone hupehensis (& hybrids)</i>	Chinese anemone	1-3'	Aug/Sept	X		X	X	OK	B
<i>Anemone nemorosa (& cultivars)</i>	Wood anemone	<1'	April/May	X		X		OK	B
<i>Aquilegia alpina</i>	Alpine columbine	1-2'	April/May	X		X	?	No	B
<i>Aquilegia vulgaris (& cultivars)</i>	Columbine	1-3'	April/May	X		X		No	B
<i>Arum italicum pictum</i>	Italian arum	1-2'	May	X	X	X	X	OK	~A
<i>Aruncus dioicus</i>	Goat's beard	4-6'	April/May	X		X		OK	C
<i>Asarum europaeum</i>	European wild ginger	<1'	April/May	X	X	X	X	OK	A

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				Partial	Full	Average	Dry		
<i>Astilbe</i> species (& hybrids)	Astilbe	1-3'	Varies	X	X	X		OK	B
<i>Athyrium niponicum</i>	Japanese painted fern	1-2'	N/A	X	X	X		OK	A
<i>Brunnera macrophylla</i>	Heartleaf brunnera	1-2'	April/May	X		X	?	OK	A
<i>Carex elata</i> 'Aurea'	'Bowles Golden' sedge	1-2'	May/June	X	X	X		OK	A
<i>Carex morrowii</i> 'Ice Dance'	Variegated sedge	1-2'	April/July	X	X	X	X	OK	A
<i>Chasmanthium latifolium</i>	Northern Sea Oats	2-5'	Aug/Sept	X		X		OK	A
<i>Chrysogonum virginianum</i>	Green & gold / Golden star	<1'	Summer	X	X	X		OK	~A
<i>Convallaria majalis</i>	Lily-of-the-valley	<1'	April	X	X	X	X	OK	A
<i>Corydalis</i> species	Corydalis	<1'	Summer	X	X	X	X	OK	A
<i>Cyclamen coum</i>	Hardy cyclamen	<1'	March	X		X	X	OK	A
<i>Cyclamen hederifolium</i>	Hardy cyclamen	<1'	Sept/Oct	X		X	X	OK	B
<i>Dicentra</i> species	Fringed bleeding heart	1-2'	May/June	X		X		OK	A
<i>Doronicum orientale</i>	Leopard's bane	1-2'	April/May	X		X		OK	~A
<i>Dryopteris erythrosora</i>	Japanese shield fern	1-2'	N/A	X	X	X		OK	A
<i>Epimedium</i> species	Barrenwort	1-2'	April/May	X	X	X	X	OK	A
<i>Galium odoratum</i>	Sweet woodruff	<1'	April/May	X	X	X		OK	A
<i>Hakonechloa macra</i>	Japanese Forest Grass	1-2'	July/Aug	X	X	X		OK	A
<i>Helleborus</i> species (& hybrids)	Lenten rose & other names	1-2'	Spring	X	X	X	X	OK	A
<i>Heuchera</i> species	Coral bells	1-2'	June/July	X		X	X (Some)	OK	B
<i>Heucherella</i> hybrids	Foamy Bells	1-2'	May/July	X		X		OK	B
<i>Hosta</i> species	Plantain-Lily	Varies	Varies	X	X	X		OK	D
<i>Lamium galeobdolon</i>	Yellow archangel	1-2'	June	X	X	X	X	OK	A
<i>Lamium maculatum</i>	Spotted deadnettle	<1'	May/July	X	X	X	X	?	A
<i>Lamprocapnos spectabilis</i>	Asian bleeding heart	2-3'	April/May	X	X	X		OK	A
<i>Ligularia</i> species	Leopard plant	3-5'	June/July	X	X	X		OK	A
<i>Liriope muscari</i> (& cultivars)	Lilyturf	1-2'	Aug/Sept	X		X		OK	B
<i>Pulmonaria</i> species (& cultivars)	Lungwort	1-2'	April/May	X	X	X		OK	A
<i>Spigelia marilandica</i>	Woodland pinkroot	1-2'	June	X	X	X		OK	~A
<i>Stylophorum diphyllum</i>	Celandine poppy	1-2'	April/June	X	X	X	?	OK	~A
<i>Trollius x cultorum</i>	Globe flower	2-3'	May/June	X		X		OK	C

Deer Resistant Ratings (from Rutgers New Jersey Agricultural Station)

A Rarely Damaged

B Seldom Severely Damaged

C Occasionally Severely Damaged

D Frequently Severely Damaged

~ Predicted Rating based on Performance in my Garden

Understory Trees & Shrubs for Shade

Scientific Name	Common Name	Size	Shade		Soil Moisture Range	Black Walnut	Deer Resistant	Attract Wildlife
			Partial	Full				
Native								
<i>Amelanchier</i> species	Serviceberry	6-20'	X		4 – 7	OK	B	Yes
<i>Aronia arbutifolia</i>	Red Chokeberry	6-12' x 3-6'	X		3 – 8	No	B	Yes
<i>Aronia melanocarpa</i>	Black Chokeberry	3-6' x 3-6'	X		2 – 8	No	B	Yes
<i>Cornus alternifolia</i>	Pagoda Dogwood	15-25'	X	X	4 – 7	OK	C	Yes
<i>Cornus amomum</i>	Silky Dogwood	6-12' x 4-8'	X	X	2 – 8	OK	C	Yes
<i>Cornus racemosa</i>	Gray Dogwood	10-15' x 4-8'	X	X	3 – 10	OK	C	Yes
<i>Kalmia latifolia</i>	Mountain Laurel	7-15' x 7-15'	X	X	4 – 7	No	C	No
<i>Lindera benzoin</i>	Spicebush	6-12' x 6-12'	X		3 – 7	OK	B	Yes
<i>Sambucus racemosa</i>	Red Elderberry	8-15' x 4-8'	X		2 – 7	OK	A	Yes
<i>Symphoricarpos albus</i>	Snowberry	3-6' x 3-6'	X		3 – 8	OK	B	Yes
<i>Viburnum acerfolium</i>	Mapleleaf Viburnum	4-6' x 3-4'	X	X	4 – 7	OK	B	Yes
<i>Viburnum dentatum</i>	Arrowwood	8-10' x 8-10'	X		3 – 10	OK	A	Yes
Non-Native								
<i>Aesculus parviflora</i>	Bottlebrush Buckeye	6-8' x 6-8'	X		3 – 8	OK	A	No
<i>Daphne x burkwoodii</i>	Daphne	3-4' x 3-4'	X		4 – 7	OK	A	No
<i>Cornus mas</i>	Cornelian Cherry	15-25'	X		4 – 9	OK	C	Yes
<i>Eleutherococcus sieboldiana</i>	Five Leaf Aralia	4-5' x 4-8'	X	X	4 – 10	OK	A	No
<i>Fothergilla gardenii</i>	Dwarf Fothergilla	3-5' x' 2-3'	X		4 – 7	No	B	No
<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	6-8' x 6-8'	X	X	3 – 8	OK	C	No
<i>Ilex crenata</i>	Japanese Holly	5-10' x 5-8'	X		4 – 8	No	C	No
<i>Ilex glabra</i>	Inkberry	6-8' x 8-10'	X	X	3 – 6	No	B	Yes
<i>Ilex x meserveae</i>	Blue Holly	8' x 8'	X	X	4 – 8	No	C	No
<i>Kerria japonica</i>	Japanese Kerria	3-6' x 4-8'	X		4 – 8	OK	B	No
<i>Pieris japonica</i>	Japanese Pieris	8-12' x 6-8'	X	X	4 – 7	No	A	No
<i>Rhododendron</i> species	Rhododendron	Varies	X	X	4 – 7	No	D	No

Size, Light, & Moisture Data from Cornell Woody Plants Database - <http://woodyplants.cals.cornell.edu/plant/search>

Soil Moisture Ranges

1 – 3 Occasionally saturated / Very wet

4 – 6 Consistently moist, well-drained

7 – 9 Occasional periods of dry soil

10 – 12 Prolonged periods of dry soil

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