The plants listed in this brochure are considered deer *resistant*. No plant is *deer-proof*. In areas of high deer density or proximity to deer travel routes, active measures against deer browsing may be advisable.

Scientific names follow Arthur Haines, Flora Novae Angliae, 2011

Sources of Additional Information

Online:

- USDA PLANTS Database: Plant Characteristics and Plant Guides (available for most plants in this brochure [by genus/species]) http://plants.usda.gov

- Missouri Botanical Garden Online Plant Finder www.missouribotanicalgarden.org/gardens-gardening/your-garden/plant-finder.aspx

- USF&WS: Native Plants for Wildlife Habitat and Conservation Landscaping www.nps.gov/plants/pubs/chesapeake/

Books:

- William Cullina – three books on using and growing native plants
- Margaret B. Gargiullo – A Guide to Native Plants of the New York City Region
- Donald J. Leopold – Native Plants of the Northeast

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Connecticut Native Plants for Landscaping and Conservation:

Plant Characteristics and Tolerances

The state has well over 1,500 native plant species – many are suitable for landscaping and conservation purposes and may be propagated in nurseries.

In this brochure, you will find the information you need to choose plants suited to your site.

An increasing number of native plants are being nursery-propagated. All plants listed are available at nurseries – although not all are available at every nursery. It may be difficult to get straight species (non-cultivars) for certain natives. Some native plant growers will do contract growing of local native plant ecotypes.

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CONNECTICUT NATIVES – Plant Characteristics and Tolerances

Each plant has its own row in the adjacent matrix.

The letters and numbers in the columns after common name and scientific name provide information about each species.

Each column contains information about the specific plant use or characteristic named at the top of the column.

When there is a *blank* where a row intersects a column, it means that the plant listed in that row lacks the characteristic listed in that column.

When there is an **x** at a row and column intersection, it means the characteristic listed in that column is applicable to the plant listed in that row.

The degree of tolerance a plant has for a particular type of site or condition is indicated by the following letters:

B = **B**est Growth; **E** = **E**asily Grown; **N** = **N**eeds; **P** = Prefers; **T** = Tolerates; **W** = Does **W**ell; **Z** = cannot tolerate

In the fourth column - ***Height (ft.)*** - the expected mature plant **Height** is given in **feet.**

The second column, ***Plant Habit*** (growth form) is coded: **C** = Ground Cover; **F** = Fern; **G** = Grass/Sedge; **P** = Perennial; **S** = Shrub; **T** = Small Tree

Common Name	Scientific Name	Zone	Plant Habit	Evergreen	Height (ft.)	Spread (ft.)	Easily Grown	Full Sun	Part Shade	Full Shade	Dense Shade	Dappled Shade	Dry Soil	Moist Soil	Wet Soil	Well drained	Consistent Moist.	Drought	Standing Water	Seasonal Flooding	Rich Soil	Humusy Soil	Fertile Soils	Poor Soil	Neutral to Slight Acid	Acidic Soils	Sandy Soil	Sandy Loam	Loamy Soil	Clay Soil	Shallow Rocky Soil	Wide Range of Soils
Alder, Speckled	*Alnus incana ssp. rugosa*	3-6	t/s		16+	6-20		x	x					x	x		B	t		T					T	T			T		
Bayberry, Northern	*Morella caroliniensis (Myrica pensylvanica)*	3-6	S		2-9+	3-10	x	P	t				x	P	T	E		T			T		T		P	P	P			T	
Buttonbush	*Cephalanthus occidentalis*	5-9	S		3-12+	3-8	x	x	x				Z	E	x				W	W	x			x		x	x	x			T	
Meadowsweet	*Spiraea alba var. latifolia*	3-6	S		2-5	2-5		P					x	x	x	P	P														
Gray Dogwood	*Cornus racemosa*	3-8	S		6-15	10		x	x	x			x	x	x											Z					
Red-cedar, Eastern	*Juniperus virginiana var. virginiana*	3-9	T	x	25-45	8-25	x	b					W	P	T	E		W					x	x	x					T	T
Serviceberry, Allegheny	*Amelanchier laevis*	4-8	t/s		15-40	15-40	x	x	x					P		P												P			T
Steeplebush	*Spiraea tomentosa*	3-8	S		2-4	3-5	x	P	T					x	x		P															T
Summersweet	*Clethra alnifolia*	4-9	S		6-16	4-6	x	x	x	T	T	B		x	x	E	P							x	B				T		T
Sweet-fern	*Comptonia peregrina*	2-6	S		1-4	4+	x	B	x	Z			x	x	T	B		T	Z	Z			B		P	B	x				
Witch-hazel	*Hamamelis virginiana*	3-8	t/s		15-20	15-20	x	B	x	x				P		P					P	P			x		P		T		
Alexanders, Golden	*Zizia aurea*	3-9	P		1-3	1-1.5		B	x				t	x	P	x																
Aster, New England	*Symphyotrichum (Aster) novae-angliae*	3-9	P		2-6	2-3	x	P	T					x		N					P			T					T		
Bearberry	*Arctostaphylos uva-ursi* (woody)	2-6	C	x	.25-.5+	2-4		x	x				x	x		x			Z	Z				B		B	B					
Bergamot, Wild	*Monarda fistulosa ssp. fistulosa varieties fistulosa & mollis*	3-9	P		2-4	2	x	x	x				x	x		B								t					T	T	
Big Bluestem	*Andropogon gerardii*	4-9	G		4-6+	2-3	x	B	t				x	x	Z	P		T						B	W				Z		T
Blue-eyed Grass, Narrow-leaved	*Sisyrinchium angustifolium*	3-9	P		1-1.5	.5		B	T					x		B	P														
Boneset	*Eupatorium perfoliatum*	3-9	P		2-4+	2	x	x	x					x	x		N	Z			P					W			W		T
Butterflyweed	*Asclepias tuberosa ssp. tuberosa*	3-9	P		1-3	1-2	x	B					W			x		T	Z	Z				W						T	
Christmas Fern	*Polystichum acrostichoides*	3-9	F	x	1-2	1-2			x	x	T		x	x		B		T			B	B								T	
Cinnamon Fern	*Osmundastrum (Osmunda) cinnamomeum*	2-10	F		2.5-5	2-3	x	x	x	x	T			P	x						P	P			P						
Cohosh, Black	*Actaea (Cimicifuga) racemosa*	3-9	P		3-5	2-4	x		x	W				x			P				P	P									
Cohosh, Blue	*Caulophyllum thalictroides*	3-8	P		1-3	.5-2			x	x				x			N	Z			B	B		B				N			
Columbine, Wild (Red)	*Aquilegia canadensis*	3-8	P		1-2	1	x	x	P				T	B		N	P	T			P			W							T
Foam-flower	*Tiarella cordifolia var. cordifolia*	3-9	C		.75-1	1-2	x	x	x	x				x	Z	E	N	Z			P	P	x								
Fox Sedge	*Carex vulpinoidea*	3-7	G		1-3	.5-2		x	x						x		N		x	x											
Fringed Sedge	*Carex crinita var. crinita*	2-7	G		to 4	2		x	x	x					x		N		x	x											
Ginger, Wild	*Asarum canadense*	4-6	C		.5-.75	1	x		x	P	T		T	E	E	E	P									P					
Goldenrod, Seaside	*Solidago sempervirens var. sempervirens (or mexicana)*	3-9	P		2-6	2		B	T				x			x							W			W					
Goldenrod, Wreath	*Solidago caesia var. caesia*	3-9	P		1-3	1.5	x	B	T				x	x		E							T						T		
Indiangrass	*Sorghastrum nutans*	3-9	G		3-6	1-2	x	x	t				W	x		E							W			T			T	T	T
Iris, Blue Flag	*Iris versicolor*	4-9	P		2-4	2-3		B	T					x	x		N		x	x		x									
Ironweed, New York	*Vernonia noveboracensis*	4-9	P		4-7	3-4	x	B	x					P	x						P			P					T		T
Jack-in-the-Pulpit	*Arisaema triphyllum ssp. triphyllum, pusillum, stewardsonii*	3-9	P		1-2	1-1.5			x	x	T			x	x		N				B	N	B						Z		
Joe Pye Weed, Spotted	*Eutrochium (Eupatorium) maculatum ssp. maculatum*	3-7	P		3-7	2-4	x	B						x	x		P					P	P						T		
Joe Pye Weed, Sweet-scented	*Eutrochium (Eupatorium) purpureum var. purpureum*	3-9	P		3-7	2-4	x	x	x	x				x	T		P					P	P						T		
Little Bluestem	*Schizachyrium scoparium var. scoparium*	4-9	G		1.5-3.5	1.5-2	x	x					W	x		E		T					W							T	T
Lupine, Wild Blue	*Lupinus perennis ssp. perennis*	3-9	P		1-2.5	1		x	x				W	x		N								W	X	W	X					
Maidenhair Fern, Northern	*Adiantum pedatum*	2-8	F		1-2	1-1.5	x		x	P	T			P		E						P	N			P			P			
Meadow-rue, Early	*Thalictrum dioicum*	3-7	P		1-3	1-2	x		x	x		P		x		E	P				P	P									
Milkweed, Swamp	*Asclepias incarnata ssp. incarnata or pulchra*	3-9	P		2-5	2	x	x	x					x	x	T			T	T				P					T		
Mountain-mint, Narrow-leaved	*Pycnanthemum tenuifolium*	4-8	P		1-2	2-3	x	x	x				x	x	x	E		T											T	T	
Partridge-berry	*Mitchella repens*	3-8	C	x	<.25	.5-1+			x	x	T		T	B		B	B				B							t				
Pennsylvania Sedge	*Carex pensylvanica*	4-7	C		.5-1	.5-1	x	X	x	x		P	P	x		E																
Sneezeweed, Common	*Helenium autumnale*	3-8	P		3-5	2-3	x	B	T				Z	P	x		P				±								T		
Teaberry	*Gaultheria procumbens* (woody)	2-6	C	x	.25-.5	.5-1			x	x	T		x	x		B	B	T				W			B						
Turtlehead, White	*Chelone glabra*	4-9	P		2-3	1.5-2		x	B					x	x		P				B	B										
Tussock Sedge	*Carex stricta*	3-8	G		1-4	1-2	X	x	x	x				x	x		P		x	x												
Vervain, Blue	*Verbena hastata var. hastata*	3-9	P		2-4+	1-1.5	x	x	x					P	x																	
Woodfern, Marginal	*Dryopteris marginalis*	2-8	F	±	1.5-2.5	1.5-2	x		x	x	T		x	P		E					P	P			P							