

Long Island Native Woody Plants for Landscaping and Restoration of Seaside Environments

Stephen Young, Eric Lamont, Victoria Bustamante

We offer this list of Long Island native trees (T), shrubs (S), subshrubs (SS) and vines (V) that we recommend for planting in those coastal/maritime natural areas and landscapes that are influenced by onshore winds and salt spray from the ocean and bays. Although similar lists exist, they include both non-native species and native species that are not available from local Long Island nurseries. The purpose of our guide is to provide a simple list of native woody species that are available from Long Island nurseries. For specific information on availability, please contact the authors.

For each of the species listed, we have indicated those ecological communities in which they occur. The ecological communities are adapted from those published in Ecological Communities of New York State (Edinger et al. 2014).

The relative availability of each plant species to the nursery trade is ranked on a scale of 1 (readily available) to 3 (difficult to source, but possibly available). To determine this availability, we consulted with five Long Island sources of native plant growers and/or wholesalers. Note that availability is expected to vary over time.

Homeowners and landscapers should be aware that work or planting in or near a tidal wetland, water body, or watercourse, or within these ecological communities, may require a state or local permit. For further information contact the permits program of the New York State Department of Environmental Conservation before working in a natural area.

Form	Botanical Name	Common Name	Soil	Availability	Maritime Dune	Maritime shrubland	Maritime heathland	Maritime forest	Maritime freshwater wetland	Tidal Marsh Edge
S	<i>Aronia arbutifolia</i>	red chokeberry	mesic	2		■				
S	<i>Aronia floribunda</i>	purple chokeberry	mesic	3		■			■	
S	<i>Aronia melanocarpa</i>	black chokeberry	variable	2		■				
S	<i>Baccharis halimifolia</i>	eastern baccharis	mesic	2						■
S	<i>Cephalanthus occidentalis</i>	buttonbush	mesic	2					■	
S	<i>Clethra alnifolia</i>	sweet pepperbush	mesic	1		■		■	■	
S	<i>Comptonia peregrina</i>	sweet fern	dry	2			■	■		
S	<i>Cornus alternifolia</i>	alternate-leaved dogwood	variable	2				■		
S	<i>Cornus amomum</i>	silky dogwood	mesic	3				■		
S	<i>Decodon verticillatus</i>	hairy swamp loosetrife	mesic	2					■	
S	<i>Eubotrys racemosa</i>	coastal fetter-bush	mesic	3					■	
S	<i>Gaylussacia baccata</i>	black huckleberry	dry	3			■	■		
S	<i>Ilex glabra</i>	inkberry	variable	1					■	
S	<i>Ilex opaca</i>	American holly	variable	1		■		■		
S	<i>Ilex verticillata</i>	common winterberry	mesic	1				■	■	
S	<i>Iva frutescens</i>	marsh elder	mesic	2						■
S	<i>Juniperus communis</i>	dwarf juniper	dry	1		■	■			
S	<i>Kalmia latifolia</i>	mountain laurel	dry	1				■		
S	<i>Lindera benzoin</i>	spicebush	mesic	2				■		
S	<i>Lyonia ligustrina</i>	maleberry	variable	3		■		■	■	
S	<i>Lyonia mariana</i>	stagger-bush	mesic	3					■	
S	<i>Morella caroliniensis</i>	bayberry	dry	1	■	■				■
S	<i>Myrica gale</i>	sweet bayberry	mesic	2					■	
S	<i>Prunus maritima</i>	beach plum	dry	1	■	■				
S	<i>Quercus ilicifolia</i>	scrub oak	dry	3		■				
S	<i>Quercus prinoides</i>	dwarf chinquapin oak	dry	3				■		
S	<i>Rhododendron viscosum</i>	swamp azalea	mesic	1				■	■	
S	<i>Rhus copallinum</i>	winged sumac	dry	2		■				
S	<i>Rhus glabra</i>	smooth sumac	dry	2		■				
S	<i>Rosa carolina</i>	Carolina rose	dry	1	■		■			

(Continued on next page)

Form	Botanical Name	Common Name	Soil	Avail-ability	Maritime Dune	Maritime shrubland	Maritime heathland	Maritime forest	Maritime freshwater wetland	Tidal Marsh Edge
S	<i>Rosa palustris</i>	swamp rose	mesic	1					■	
S	<i>Rosa virginiana</i>	Virginia rose	dry	1	■	■				
S	<i>Salix discolor</i>	pussy willow	mesic	1					■	
S	<i>Sambucus canadensis</i>	common elderberry	variable	1				■	■	
S	<i>Spiraea alba</i>	white meadowsweet	mesic	2					■	
S	<i>Spiraea tomentosa</i>	rosy meadowsweet	mesic	2		■			■	
S	<i>Vaccinium angustifolium</i>	lowbush blueberry	dry	1				■		
S	<i>Vaccinium corymbosum</i>	highbush blueberry	mesic	1		■		■	■	
S	<i>Vaccinium pallidum</i>	early lowbush blueberry	dry	2				■		
S	<i>Viburnum acerifolium</i>	maple-leaved viburnum	dry	2				■		
S	<i>Viburnum dentatum</i>	arrowwood	variable	1		■		■		
SS	<i>Arctostaphylos uva-ursi</i>	bearberry	dry	2	■					
SS	<i>Hudsonia tomentosa</i>	sand heather	dry	3	■	■	■			
SS	<i>Opuntia humifusa</i>	eastern prickly-pear	dry	1	■	■				
SS	<i>Vaccinium macrocarpon</i>	large cranberry	mesic	1					■	
T	<i>Acer rubrum</i>	red maple	mesic	1		■		■	■	
T	<i>Alnus incana ssp. rugosa</i>	speckled alder	mesic	3		■		■	■	
T	<i>Amelanchier canadensis</i>	oblong-leaved serviceberry	variable	2		■		■	■	
T	<i>Amelanchier laevis</i>	Allegheny service-berry	variable	2		■		■	■	
T	<i>Betula lenta</i>	sweet birch	variable	2				■		
T	<i>Betula populifolia</i>	gray birch	dry	2		■		■		
T	<i>Carya tomentosa</i>	mockernut hickory	dry	3				■		
T	<i>Carya glabra</i>	pignut hickory	dry	3				■		
T	<i>Celtis occidentalis</i>	common hackberry	variable	2		■				■
T	<i>Cornus florida</i>	flowering dogwood	variable	1				■		
T	<i>Crataegus crus-galli</i>	cockspur hawthorn	dry	3		■		■		
T	<i>Fagus grandifolia</i>	American beech	dry	2				■		
T	<i>Hamamelis virginiana</i>	American witch-hazel	variable	1				■		
T	<i>Juniperus virginiana</i>	red cedar	dry	1		■	■			■
T	<i>Liquidambar styraciflua</i>	sweetgum	mesic	1					■	
T	<i>Nyssa sylvatica</i>	black gum	mesic	1				■	■	
T	<i>Pinus rigida</i>	pitch pine	dry	1		■				
T	<i>Prunus serotina</i>	wild black cherry	dry	1	■	■		■		
T	<i>Quercus alba</i>	white oak	dry	2		■		■		
T	<i>Quercus coccinea</i>	scarlet oak	dry	2				■		
T	<i>Quercus montana</i>	chestnut oak	dry	3				■		
T	<i>Quercus rubra</i>	red oak	variable	2				■		
T	<i>Quercus stellata</i>	post oak	dry	3			■			
T	<i>Quercus velutina</i>	black oak	dry	3		■		■		
T	<i>Sassafras albidum</i>	sassafras	variable	2				■		
T	<i>Tilia americana</i>	American basswood	variable	1				■		
V	<i>Parthenocissus quinquefolia</i>	Virginia creeper	variable	1	■	■		■	■	
V	<i>Vitis labrusca</i>	northern fox grape	variable	1	■	■		■	■	

Reference Cited

Edinger, G.J., D.J. Evans, S. Gebauer, T.G. Howard, D.M. Hunt, and A.M. Olivero (editors). 2014. Ecological Communities of New York State. Second Edition. A revised and expanded edition of Carol Reschke's *Ecological*

Communities of New York State. New York Natural Heritage Program, New York State Department of Environmental Conservation, Albany, NY. <http://www.dec.ny.gov/animals/97703.html>