

URI Sustainable Coastal Plant List (Last Updated 7/16/07)

GRASSES

SPECIES	COMMON NAME	Can Tolerate:														
		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites	Height	Width
<i>Ammophila breviligulata</i>	American Beach Grass	1	x	x		x		x	x	x				x	1.5-3'	varies
<i>Andropogon gerardii</i>	Big Bluestem	1	x	x		x		x	x	x					4'-8'	2'
<i>Andropogon glomeratus</i>	Bushy Bluestem	2	x	x		x	x								12"-15"	varies
<i>Andropogon ternarius</i>	Split-beard Bluestem	2		x		x	x		x	x	x				4'-5'	2'-3'
<i>Andropogon virginicus</i>	Broomsedge	1	x	x		x		x	x	x	x				3'-4'	1'-2'
<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	Feather Reed Grass	2		x		x	x								2'	5'-7'
<i>Carex flaccosperma</i>	Thin Fruit Sedge	2	x	x	x	x					x	x			6"-16"	6"-12"
<i>Carex pensylvanica</i>	Pennsylvania Sedge	1	x	x	x	x		x			x				6-8"	6-9"
<i>Carex platyphylla</i>	Broadleaf Sedge	2	x		x	x		x			x	x			8"	10"
<i>Carex stricta</i>	Tussock Sedge	2	x	x	x	x	x				x		x		1.5-2'	1.5-2'
<i>Deschampsia flexuosa</i>	Wavy Hairgrass	1	x	x	x	x	x	x			x				2-3'	varies
<i>Distichlis spicata</i>	Saltgrass	1	x	x		x	x	x	x	x	x			x	5'-6'	varies
<i>Elymus hystrix</i>	Eastern Bottlebrush Grass	2			x	x		x							1.5-3'	1-1.5'
<i>Eragrostis spectabilis</i>	Purple Lovegrass	1	x	x		x			x	x	x				1-3'	1-2'
<i>Elymus virginicus</i>	Virginia Wildrye	1	x		x		x	x	x	x	x				2'-3'	varies

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(Grasses, cont.)

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<i>Festuca ovina</i>	Sheep Fescue	1		x		x			x	x					6-10"	8"
<i>Hierochloe odorata</i>	Sweetgrass	1	x	x			x	x	x	x	x			x	2-2.5'	varies
<i>Hordeum jubatum</i>	Foxtail Barley	1	x	x		x		x	x	x					1'-2'	varies
<i>Juncus effusus</i>	Soft Rush	1	x	x		x	x	x			x				3'-4'	1'-2'
<i>Juncus gerardii</i>	Black Rush	1	x	x		x	x	x	x	x	x			x	1.5-2'	6"
<i>Muhlenbergia capillaris</i>	Purple Hairgrass	1	x	x		x	x	x	x	x	x				2'-3'	2'
<i>Panicum amarum</i>	Coastal Switchgrass, also "Bitter Panic Grass"	1	x	x		x	x	x	x	x					4'-8'	varies
<i>Panicum virgatum</i>	Switchgrass	1	x	x		x		x	x		x		x	x	3'-7'	2'-3'
<i>Saccharum brevibarbe</i>	Short Beard Plumegrass	2		x			x				x	x			78"	varies
<i>Schizachyrium scoparium</i>	Little Bluestem	1	x	x	x	x		x	x		x				2-3'	12"-18"
<i>Schizachyrium scoparium</i>	Little Bluestem	2	x	x	x	x		x							2-3'	1-2'
<i>Schoenoplectus americanus</i>	Chair Maker's Bullrush	1	x	x			x	x	x	x	x			x	4'-7'	varies
<i>Schoenoplectus maritimus</i>	Cosmopolitan Bullrush	1	x	x			x	x	x	x	x				2'-4'	varies
<i>Schoenoplectus robustus</i>	Sturdy Bullrush	1	x	x			x	x	x	x	x			x	3.5-4.5'	varies
<i>Sorghastrum nutans</i>	Indiangrass	1	x	x		x	x	x	x	x	x				4'-6'	varies
<i>Spartina alterniflora</i>	Smooth Cordgrass	1	x	x			x	x	x	x					2-6'	varies

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(Grasses, cont.)

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<i>Spartina patens</i>	Salt Marsh Hay	1	x	x			x	x	x	x				x	24"	varies	
<i>Sporobolus cryptandrus</i>	Sand Dropseed	1	x	x		x		x	x						2-2.5'	varies	
<i>Typha angustifolia</i>	Narrow-leaved Cattail	1	x	x			x	x	x	x	x	x		x	4'-6'	varies	

PERENNIALS / GROUND COVERS

<i>Achillea sp.</i>	Yarrow	2		x		x		x		x					15-2.5'	varies
<i>Artemisia stelleriana</i>	Dusty Miller	1		x		x			x	x					2-2.5'	36"
<i>Asclepias tuberosa</i>	Butterfly Milkweed	2	x	x		x							x		1.5-3'	2'
<i>Astilbe sp.</i>	Astilbe	2		x	x								x		1'-3'	varies
<i>Baptisia australis</i>	Blue Wild Indigo	1		x		x		x	x						2-3'	3-4'
<i>Baptisia sphaerocarpa</i>	Yellow Wild Indigo	2		x		x									2-3'	3-4'
<i>Baptisia tinctoria</i>	False Indigo	1	x	x		x		x	x						2-3'	2-3'
<i>Cerastium tomentosum</i>	Snow in Summer	2		x		x									3"-6"	12"
<i>Chrysopsis mariana</i>	Maryland Goldenaster	2	x	x		x		x	x	x					1-2.5'	varies
<i>Coreopsis verticillata</i>	Threadleaf Coreopsis	2		x		x									1.5-2'	2-3'+
<i>Echinacea purpurea</i>	Purple Coneflower	2		x		x									2'-4'	2'

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(Perennials & Ground
Covers, cont.)

SPECIES	COMMON NAME	Can Tolerate:														Height	Width
		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites			
<i>Echinops rito</i>	Globe Thistle	2		x	x	x										2'-4'	2'
<i>Eryngium maritimum</i>	Sea Holly	1		x		x				x						1.5-2'	1.5-2'
<i>Eupatoriadelphus dubius</i>	Coastal Plain Joe Pye Weed	2	x	x			x						x			2'-5'	2'-3'
<i>Eupatoriadelphus maculatus</i>	Spotted Trumpetweed	2	x	x			x						x			3'-6'	varies
<i>Eupatorium perfoliatum</i>	Boneset	2	x	x			x						x			4'-6'	3'-4'
<i>Eupatorium purpureum</i>	Joe Pye Weed	1	x	x		x	x	x	x	x	x		x			4'-7'	3'
<i>Hibiscus moscheutos</i>	Rose Mallow	2	x	x			x	x	x	x	x	x	x			3'-8'	3'-5'
<i>Hylotelephium spectabile</i>	Showy Stonecrop	2		x		x										1.5-2'	1.5-2'
<i>Hypericum sp.</i>	St. John's wort	2		x	x	x							x			1'-4'	1'-4'
<i>Iris versicolor</i>	Blue Flag	2	x	x	x		x						x			2-3'	1-2'
<i>Lathyrus japonicus var. maritimus</i>	Beach Pea	1	x	x		x		x	x	x				x		1'-3'	1'
<i>Lavandula angustifolia</i>	Lavender	2		x		x										1-3'	1-2'
<i>Liatrix scariosa var. novae-angliae</i>	New England Blazing Star	1	x	x		x		x	x		x					2'-4'	2'-3'
<i>Limonium carolinianum</i>	Carolina Sea Lavender	1	x	x		x	x	x	x	x	x					3'	3'
<i>Lupinus perennis</i>	Sundial Lupine	2	x	x		x					x					1-2.5'	1-2'

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(Perennials & Ground Covers, cont.)

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<i>Nipponanthemum nipponicum</i>	Montauk Daisy	1		x		x		x	x	x					3'-4'	3'-4'
<i>Oenothera biennis</i>	Evening Primrose	2	x	x		x									3-5'	1-2'
<i>Pseudognaphalium obtusifolium</i>	Rabbit tobacco	2	x	x		x		x	x					x	1-1.5'	varies
<i>Rudbeckia fulgida</i> 'Goldstrum'	Orange Coneflower	2		x		x							x		1.5-2.5'	1.5-2'
<i>Sedum ternatum</i>	Woodland Stonecrop	2		x	x	x	x								4-8"	12"
<i>Senna hebecarpa</i>	American Senna	1	x	x			x	x	x						3'-7'	4'-6'
<i>Senna marilandica</i>	Maryland Senna	2		x		x									3-6'	3-6'
<i>Solidago sempervirens</i>	Seaside Goldenrod	1	x	x		x	x		x	x				x	4-6'	
<i>Symphotrichum dumosum</i> <i>Nesam</i> var. <i>dumosum</i>	Rice Button Aster	1	x	x											2'-3'	2'-3'
<i>Symphotrichum novae-angliae</i>	New England Aster	2	x	x		x		x			x		x		4'-6'	4'
<i>Symphotricum tenuifolius</i>	Perennial Saltmarsh Aster	1	x	x		x	x	x	x	x				x	1'-2'	varies
<i>Teucrium canadensis</i>	Germander	1	x	x			x	x	x		x			x	1.5-3'	varies
<i>Thymus</i> sp.	Thyme	2		x		x									12"	12"
<i>Vernonia noveboracensis</i>	New York Ironweed	2	x	x		x					x		x		3-7'	2-3'
<i>Veronica</i> sp.	Speedwell	2		x											varies	varies

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SHRUBS

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		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites			
<i>Alnus incana</i> ssp. <i>rugosa</i>	Speckled Alder	1	x	x	x	x	x	x	x	x	x	x			15-25'	6-12'	
<i>Alnus serrulata</i>	Common Alder	1	x	x	x	x	x	x	x	x	x	x			8'-12'	6-12'	
<i>Amelanchier canadensis</i>	Shadbush	1	x	x	x	x	x	x	x	x	x	x	x	x	15'-25'	varies	
<i>Amelanchier stolonifera</i>	Running Serviceberry	1	x	x	x	x	x	x	x	x	x	x			4-6'	varies	
<i>Arctostaphylos uva-ursi</i>	Bearberry	1	x	x	x	x		x	x	x	x		x		1-4"	varies	
<i>Atriplex</i> sp.	Salt Bush	1	x	x		x			x	x				x	1-1.5'	6'	
<i>Baccharis halimifolia</i>	Groundsel-bush	1	x	x		x		x	x	x	x	x			5-12'	5-12'	
<i>Ceanothus americanus</i>	New Jersey Tea	2	x	x	x	x					x	x			3-4'	3-5'	
<i>Ceanothus herbaceus</i>	Jersey Tea	2		x	x	x						x			3-4'	3-5'	
<i>Cephalanthus occidentalis</i>	Common Buttonbush	1	x	x	x			x	x		x		x		3-6'	3-6'	
<i>Chaenomeles speciosa</i>	Flowering Quince	1		x		x		x		x	x	x			6-10'	6-10'	
<i>Clethra acuminata</i>	Mountain Pepperbush	2		x	x						x				8-12'	varies	
<i>Clethra alnifolia</i>	Sweet Pepperbush	1	x	x	x	x	x	x	x	x	x	x	x		4-8'	4-6'	
<i>Clethra barbinervis</i>	Japanese Clethra	2			x						x				10-20'	varies	
<i>Comptonia peregrina</i>	Sweet Fern	2	x	x	x	x	x	x		x	x		x		2-4'	4-8'+	

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(Shrubs, cont.)

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<i>Cornus amomum</i>	Silky Dogwood	1	x	x	x	x	x	x	x	x		x		x		6-10'	6-10'
<i>Cornus racemosa</i>	Gray Dogwood	1	x	x	x	x	x	x	x	x	x	x		x		6-10'	varies
<i>Cornus sericea</i>	Redosier Dogwood	1	x	x	x	x	x	x	x	x				x		7-9'	7-9'
<i>Cotinus coggygria</i>	Smoketree or Smokebush	2														10-15'	10-15'
<i>Dasiflora fruticosa</i>	Shrubby Cinquefoil	2		x		x										1-4'	2-4'
<i>Dirca palustris</i>	Leatherwood	2			x			x								3-6'	3-6'
<i>Eubotrys racemosa</i>	Swamp Doghobble	2	x	x	x	x	x	x				x				4-6'	4-6'
<i>Gaultheria procumbens</i>	Wintergreen	2	x	x	x	x						x				3-5'	varies
<i>Gaylussacia baccata</i>	Huckleberry	2	x	x	x	x						x				3-4'	2-3'
<i>Gaylussacia dumosa</i>	Dwarf Huckleberry	2			x	x						x				8-24"	varies
<i>Gaylussacia frondosa</i>	Blue Huckleberry	2			x	x						x				3-4'	3-4'
<i>Genista tinctoria</i>	Woadwaxen	2		x		x						x	x			2-3'	2-3'
<i>Hamamelis japonica</i>	Japanese Witchhazel	2		x	x	x			x	x						10-15'	10-15'
<i>Hamamelis mollis</i>	Chinese Witchhazel	2		x	x	x			x	x		x				10-20'	10-20'
<i>Hamamelis vernalis</i>	Vernal Witchhazel	1		x	x	x		x	x	x			x	x		6-10'	6-10'

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<i>Hamamelis virginiana</i>	Common Witchhazel	1	x	x	x	x		x	x		x	x			20-25'	15-20'	
<i>Hamamelis x intermedia</i>	Hybrid Witchhazel	2		x							x				15-20'	15-20'	
<i>Hydrangea arborescens</i>	Smooth Hydrangea	2		x	x	x					x	x			3-5'	5-10'	
<i>Hydrangea macrophylla</i> 'Nikko Blue'	Hydrangea	1		x	x				x		x	x			6'	6'	
<i>Hydrangea paniculata</i>	Panicle Hydrangea	2		x	x	x					x				10-15'	10-15'	
<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	2		x	x	x					x				4-8'	4-8'	
<i>Ilex glabra</i>	Inkberry Holly	1	x	x	x	x	x	x	x	x	x	x	x		6-8'	8-10'	
<i>Ilex verticillata</i>	Winterberry Holly	1	x	x	x	x	x	x	x	x	x	x	x		6-10'	6-10'	
<i>Itea virginica</i>	Virginia Sweetspire	2		x	x	x	x				x	x			3-5'	5-8'	
<i>Iva frutescens</i>	High Tide Bush	1	x	x			x		x	x				x	5-9'	varies	
<i>Juniperus chinensis</i>	Chinese Juniper	1		x		x	x	x	x	x	x	x			varies	varies	
<i>Juniperus communis</i>	Common Juniper	1	x	x		x		x	x	x	x	x			5-10'	8-12'	
<i>Juniperus conferta</i>	Shore Juniper	1		x		x		x	x	x					1-2'	10-15'	
<i>Juniperus horizontalis</i>	Creeping Juniper	1	x	x				x	x		x				up to 2'	6'-8'	
<i>Juniperus procumbens</i>	Japanese Garden Juniper	1		x		x		x			x				1-2'	10-15'	

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<i>Kalmia latifolia</i>	Mountain Laurel	2	x		x	x					x		x		5-12'	5-12'	
<i>Ledum groenlandicum</i>	Labrador Tea	2		x	x			x				x		x	2-4'	2-4'	
<i>Leiophyllum buxifolium</i>	Box Sandmyrtle	2		x	x							x			up to 3'	up to 5'	
<i>Lindera benzoin</i>	Spicebush	2	x	x	x			x				x		x	12'	varies	
<i>Lyonia ligustrina</i>	Maleberry	2	x	x	x			x				x			up to 12'	varies	
<i>Lyonia mariana</i>	Stagger-bush	2	x	x		x	x	x	x	x	x				up to 6'	varies	
<i>Morella (Myrica) gale</i>	Sweet Gale	1	x	x	x	x	x	x	x		x				2'-4'	2'-4'	
<i>Morella (Myrica) pennsylvanica</i>	Bayberry	1	x	x	x	x		x	x	x	x		x	x	5-12'	5-12'	
<i>Photinia floribunda</i>	Purple Chokeberry	1	x	x	x	x	x	x	x	x	x				12'	5'	
<i>Photinia prunifolia</i>	Black Chokeberry	1	x	x	x	x	x	x	x	x	x		x		3-5'	10'	
<i>Photinia pyrifolia</i>	Red Chokeberry	1	x	x	x	x	x	x	x	x	x		x		12'	5'	
<i>Physocarpus opulifolius</i>	Common Ninebark	1	x	x		x	x	x	x		x	x			6'-8'	6'-8'	
<i>Pieris floribunda</i>	Mountain Fetterbush	2		x	x							x			6'	6'	
<i>Pinus banksiana</i>	Jack Pine	1	x	x				x				x			35'-50'	25'-30'	
<i>Prunus maritima</i>	Beach Plum	1	x	x		x				x	x				6' +	6' +	

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<i>Quercus ilicifolia</i>	Bear Oak	1	x	x	x	x		x	x	x	x				15'-20'	12'-15'	
<i>Quercus prinoides</i>	Dwarf Chinkapin Oak	1	x	x		x		x	x	x	x				10'-20'	12'-15'	
<i>Rhododendron viscosum</i>	Swamp Azalea	2	x		x	x	x	x			x		x		1-8'	3-8'	
<i>Rhus aromatica</i>	Fragrant Sumac	2	x	x	x	x				x	x				2-6'	6-10'	
<i>Rhus copallinum</i>	Winged Sumac	1	x	x		x	x	x	x		x	x	x	x	20'-30'	20'-30'	
<i>Rhus glabra</i>	Smooth Sumac	1	x	x		x		x	x	x	x	x			10'-15'	10'-15'	
<i>Rhus typhina</i>	Staghorn Sumac	1	x	x		x		x	x	x	x	x			15'-25'	15'-25'	
<i>Robinia hispida</i>	Bristly Locust	1	x	x		x		x	x	x		x			6'-10'	6'-10'	
<i>Rosa carolina</i>	Carolina Rose	1	x	x		x	x	x	x	x	x	x		x	4'-5'	5'-6'	
<i>Rosa palustris</i>	Swamp Rose	1	x	x			x	x	x	x	x	x			3'-6'	varies	
<i>Rosa virginiana</i>	Virginia Rose	1	x	x		x		x	x	x	x	x		x	4-6'	varies	
<i>Salix discolor</i>	Pussy Willow	1	x	x	x			x			x	x			20'	20'	
<i>Sambucus canadensis</i>	Common Elderberry	1	x	x	x			x				x		x	5-12'	5-12'	
<i>Shepherdia canadensis</i>	Russet Buffaloberry	1		x		x				x		x			6-8'	6-8'	
<i>Spiraea latifolia</i>	Meadowsweet	1	x	x		x	x	x	x		x				4'-6'	6'-8'	

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		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites			
<i>Spiraea tomentosa</i>	Steeplebush	1	x	x		x	x	x	x		x				2'-4'	4'-6'	
<i>Syringa vulgaris</i>	Common Lilac	2		x		x	x		x	x	x	x			8-15'	6-12'	
<i>Taxus baccata</i> 'Repandens'	Dwarf English Yew	2			x				x	x					2-4'	12-15'	
<i>Taxus x media</i>	Anglo-Jap Yew	2			x	x			x	x					3-20'	varies	
<i>Vaccinium angustifolium</i>	Lowbush Blueberry	1	x	x	x	x	x	x	x	x	x				6"-12"	24"	
<i>Vaccinium corymbosum</i>	Highbush Blueberry	1	x	x	x	x	x	x	x	x	x		x		6'-12'	8'-12'	
<i>Vaccinium macrocarpon</i>	American Cranberry	2	x	x			x				x				2-6"	varies	
<i>Vaccinium pallidum</i>	Blue Ridge Blueberry	2	x	x	x	x	x	x			x				1.5-2'	2'	
<i>Viburnum dentatum</i>	Arrowwood	1	x	x	x	x	x	x	x	x	x	x	x		6-15'	6-15'	
<i>Viburnum recognitum</i>	Southern Arrowwood	1	x	x	x	x		x	x	x					10'	10'	
<i>Zenobia pulverulenta</i>	Dusty Zenobia	2		x	x		x				x				2-6'	2-6'	

TREES

<i>Abies concolor</i>	White fir	2		x		x					x	x			30-50'	15-30'
<i>Aesculus flava</i> (<i>A. octandra</i>)	Yellow Buckeye	2		x	x										60-75'	varies
<i>Aesculus glabra</i>	Ohio Buckeye	2													20-40'	20-40'

URI Sustainable Coastal Plant List (Last Updated 7/16/07)

(Trees, cont.)

SPECIES	COMMON NAME	Can Tolerate:												Height	Width		
		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites			Dune Sites	
<i>Aesculus x carnea</i>	Red Horsechestnut	2														30-40'	varies
<i>Amelanchier arborea</i>	Serviceberry	1	x	x	x	x			x	x		x				15-25'	15'-25'
<i>Amelanchier laevis</i>	Allegheny Serviceberry	1	x	x	x	x			x	x	x	x	x			15'-25'	15'-25'
<i>Betula populifolia</i>	Gray Birch	2	x	x	x	x	x	x				x				20-40'	10-20'
<i>Carya ovata</i>	Shagbark Hickory	2	x	x	x	x						x	x			up to 80'	varies
<i>Cedrus atlantica var. glauca</i>	Blue Atlas Cedar	2		x	x	x						x	x			40-60'	30-40'
<i>Celtis occidentalis</i>	Common Hackberry	2	x	x		x	x					x	x			40-60'	40-60'
<i>Chamaecyparis lawsoniana</i>	Lawson cypress	2		x	x			x				x				40-60'	varies
<i>Chamaecyparis nootkatensis</i>	Nootka Falsecypress	1		x	x			x		x	x	x				40'-50'	varies
<i>Chamaecyparis obtusa</i>	Hinoki Falsecypress	2		x	x	x	x	x				x				50-75'	10-20'
<i>Chamaecyparis pisifera</i>	Japanese Falsecypress	1		x	x	x	x	x	x	x	x	x				50-70'	10-20'
<i>Chamaecyparis thyoides</i>	Atlantic White Cedar	2	x	x	x	x	x	x	x			x				40-50'	10-20'
<i>Cornus alterniflora</i>	Pagoda Dogwood	1	x	x	x	x	x	x	x			x	x			15'-20'	20'-25'
<i>Cornus florida*</i>	Flowering Dogwood*	2	x		x							x				15-20'	15-20'
<i>Cotinus obovatus</i>	American Smoketree	2		x			x		x			x	x			25-30'	varies

URI Sustainable Coastal Plant List (Last Updated 7/16/07)

(Trees, cont.)

SPECIES	COMMON NAME	Can Tolerate:														Height	Width
		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites			
<i>Crataegus crus-galli</i>	Cockspur Hawthorn	1	x	x		x		x	x		x				20-30'	20-30'	
<i>Crataegus nitida</i>	Glossy Hawthorn	1		x		x		x	x						20-30'	20-30'	
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	1	x	x		x		x	x		x				20-30'	20-30'	
<i>Crataegus viridis</i>	Green Hawthorn	1		x		x		x	x	x	x	x			20-30"	20-30"	
<i>Cryptomeria japonica</i>	Japanese Cryptomeria	1		x	x	x	x				x	x			50'-60'	20'-30'	
<i>Cupressocyparis leylandii</i>	Leyland Cypress	1		x				x		x		x	x		60-70'	12-15'	
<i>Cupressus macrocarpa</i>	Monterey Cypress	2		x		x		x	x						30-50'	varies	
<i>Ilex opaca</i>	American Holly	2	x	x	x	x	x				x		x		20-40'	15-30'	
<i>Juglans cinerea</i>	Butternut	2													40-60"	30-50'	
<i>Juniperus virginiana</i>	Eastern Red Cedar	1	x	x		x		x	x	x	x	x			40'-50'	8'-20'	
<i>Magnolia virginiana</i>	Sweetbay Magnolia	2		x	x			x	x	x					10-30'	10-20'	
<i>Oxydendrum arboreum</i>	Sourwood	2		x	x	x		x			x	x			25-30'	6-10'	
<i>Picea abies</i>	Norway Spruce	2				x						x			40-60'	varies	
<i>Picea glauca</i>	White Spruce	2	x		x							x	x		40-60'	10-20'	
<i>Picea mariana</i>	Black Spruce	2	x	x	x	x	x	x							30-40'	15-20'	

URI Sustainable Coastal Plant List (Last Updated 7/16/07)

(Trees, cont.)

SPECIES	COMMON NAME	Can Tolerate:														Height	Width
		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites			
<i>Picea pungens</i> var. <i>glauca</i>	Colorado Blue Spruce	1		x		x			x	x						30'-60'	10'-20'
<i>Pinus contorta</i>	Shore Pine	1		x				x	x	x						25-30'	varies
<i>Pinus densiflora</i>	Japanese Red Pine	2		x		x					x					40-60'	40-60'
<i>Pinus flexilis</i>	Limber Pine	2		x	x	x			x		x					30-50'	15-25'
<i>Pinus heldreichii</i> var. <i>leucodermis</i>	Bosnian Pine	1		x		x	x			x			x			25-50'	15-20'
<i>Pinus parviflora</i> var. <i>glauca</i>	Japanese White Pine	2		x						x	x		x			25-50'	25-50'
<i>Pinus rigida</i>	Pitch Pine	2	x	x		x						x				40-60'	30-50'
<i>Populus deltoides</i>	Eastern Cottonwood	2	x	x		x					x	x	x			75-100'	50-75'
<i>Populus tremuloides</i>	Quaking Aspen	2	x	x									x			40-50'	20-30'
<i>Prunus serotina</i>	Black Cherry	2	x	x		x			x	x		x				50-60'	20-30'
<i>Prunus virginiana</i>	Chokecherry	2	x	x		x			x	x		x				20-30'	18-25'
<i>Ptelea trifoliata</i>	Common Hoptree	2		x	x											15-20'	15-20'
<i>Quercus alba</i>	White Oak	1	x	x	x	x	x	x			x	x				50'-90'	50'-90'
<i>Quercus bicolor</i>	Swamp White Oak	2	x									x				50-60'	50-60'
<i>Quercus imbricaria</i>	Shingle Oak	2		x		x						x				50-60'	50-75'

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(Trees, cont.)

SPECIES	COMMON NAME	Can Tolerate:														Height	Width
		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites			
<i>Quercus laurifolia</i>	Laurel Oak	2														30-70'	varies
<i>Quercus palustris</i>	Pin Oak	2	x	x				x				x				60-70'	25-40'
<i>Quercus phellos</i>	Willow Oak	2		x				x				x				40-60'	30-40'
<i>Quercus prinus</i>	Chestnut Oak	1	x	x	x	x			x	x	x	x				60'-70'	60'-70'
<i>Quercus stellata</i>	Post Oak	1	x	x			x		x	x	x	x				40'-50'	40'-50'
<i>Quercus velutina</i>	Black Oak	1	x	x	x	x	x	x	x	x	x	x				60'-75'	60'-75'
<i>Sassafras albidum</i>	Sassafras	1	x	x	x	x	x	x	x	x	x	x				30'-60'	25'-40'
<i>Sciadopitys verticillata</i>	Japanese Umbrella Pine	2		x	x	x			x	x		x				25-40'	15-20'
<i>Stewartia pseudocamellia</i>	Japanese Stewartia	2		x	x							x				20-40'	10-25'
<i>Styphnolobium japonicum</i>	Japanese Pagoda Tree	2		x			x									40-60'	40-50'
<i>Syringa reticulata</i>	Japanese Tree Lilac	2		x						x		x	x			20'-30'	15-25'
<i>Ulmus rubra</i>	Slippery Elm	2	x	x	x	x	x	x								40-60'	30-40'

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HEATHS AND HEATHERS

Can Tolerate:

SPECIES	COMMON NAME	Can Tolerate:														Height	Width
		Coastal Zone	Native to RI	Full Sun	Shade	Drought	Wet Sites	Wind	Salt Spray	Soil Salt	Acidic Soils	Varying pH	Rain Garden Sites	Dune Sites			
<i>Erica carnea</i>	Spring Heath	2		x							x	x				6-10"	20"
<i>Erica darleyensis</i>	Winter Heath	2		x							x	x				2'	2'
<i>Hudsonia ericoides</i>	Pine Barren Goldenheather	1	x	x		x	x			x	x					7"	3-4'
<i>Hudsonia tomentosa</i>	Sand Goldenheather	1	x	x		x	x			x	x				x	6-10"	3-4'

VINES

<i>Hydrangea anomala</i> var. <i>petiolaris</i>	Climbing Hydrangea	2		x	x	x				x	x	x	x			60-80'	varies
<i>Lonicera sempervirens</i>	Trumpet Honeysuckle	2	x		x							x				16-20'	varies
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	1	x	x	x	x			x	x	x		x		x	30-50'	varies
<i>Schizophragma hydrangeoides</i>	Japanese Hydrangea Vine	2		x	x	x			x							20-30'	6-9'
<i>Wisteria frutescens</i>	American Wisteria	2		x		x			x							up to 30'	varies

*plant susceptible to dogwood anthracnose fungus and dogwood borer

URI Sustainable Coastal Plant List (Last Updated 7/16/07)

Coastal Zone 1 = Direct coastal exposure (frequent, strong winds and salt spray)

Coastal Zone 2 = Indirect coastal exposure (coastal site shielded from wind and salt spray)

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