

Select Living Shoreline Plant Species by Salinity Tolerance

Salinity Tolerance: 0-50 ppt		
Salt Grass	<i>Distichlis spicata</i>	above mean high water
Salinity Tolerance: 0-35 ppt		
Black Needlerush	<i>Juncus roemerianus</i>	near mean high water
Smooth Cordgrass	<i>Spartina alterniflora</i>	mid-tide to mean high water
Salt Meadow Hay	<i>Spartina patens</i>	above mean high water
Salinity Tolerance: 0-30 ppt		
Saltmarsh Bulrush	<i>Scirpus robustus</i>	near mean high water
Salinity Tolerance: 0-15 ppt		
Marsh Hibiscus	<i>Hibiscus moscheutos</i>	near mean high water or 0-3"
Common Three-square	<i>Scirpus pungens</i>	mid-tide to mean high water or 0-12"
Narrow-leaved Cattail	<i>Typha angustifolia</i>	near mean high water or 0-12"
Salinity Tolerance: 0-10 ppt		
Sweet Flag	<i>Acorus americanus</i>	near mean high water or 0-6"
Seashore Mallow	<i>Kosteletzkya virginica</i>	above mean high water
Switchgrass	<i>Panicum virgatum</i>	mean high water to upland
Seaside Goldenrod	<i>Solidago sempervirens</i>	above mean high water
Big Cordgrass	<i>Spartina cynosuroides</i>	above mean high water
Salinity Tolerance: 0-5 ppt		
Swamp Milkweed	<i>Asclepias incarnata</i>	seasonal inundation
New York Aster	<i>Aster novi-belgii</i>	irregular inundation
Soft Stem Bulrush	<i>Scirpus tabernaemontani</i>	near mid-tide or 0-12"
Salinity Tolerance: 0-5 ppt		
Arrow Arum	<i>Peltandra virginica</i>	mid-tide to mean high water or 0-18"
Resistant to Salinity (tolerates infrequent flooding or spray by saltwater)		
Northern Sea Oats	<i>Chasmanthium latifolium</i>	seasonal inundation and upland
Coastal Panic Grass	<i>Panicum amarum</i>	irregular inundation and upland
Freshwater: <0.5 ppt		
Tussock Sedge	<i>Carex stricta</i>	regular inundation 0-6"
Blue Flag Iris	<i>Iris versicolor</i>	regular inundation 0-6"
Soft Rush	<i>Juncus effusus</i>	mean high water and above
Pickerelweed	<i>Pontederia cordata</i>	mid-tide to mean high water or 0-12"
Duck Potato	<i>Sagittaria latifolia</i>	near mid-tide or 0-18"
Lizard's Tail	<i>Saururus cernuus</i>	near mid-tide or 0-12"
Broad-leaved Cattail	<i>Typha latifolia</i>	near mean high water or 0-12"
More detailed information and additional plant species can be found on-line at www.wetland.org .		

