

Plant communities commonly associated with different salinity regimes

Salinity	Community Type	Scientific Name	Common Name
Euhaline 30-40ppt	Emergent Smooth Cordgrass Monotypic	<i>Spartina alterniflora</i>	Saltmarsh Cordgrass
		<i>Spartina alterniflora</i>	Saltmarsh Cordgrass
		<i>Juncus roemerianus</i>	Black Needlerush
		<i>Salicornia bigelovii</i>	Dwarf Saltwort
		<i>Salicornia virginica</i> / <i>Salicornia europaea</i>	Virginia Glasswort
		<i>Distichlis spicata</i>	Salt Grass
		<i>Panicum virgatum</i>	Switch Grass
		<i>Phragmites australis</i> / <i>Phragmites communis</i>	Common Reed
		<i>Spartina patens</i>	Saltmeadow Hay
		<i>Baccharis halimifolia</i>	Groundsel Bush
Polyhaline 18-30ppt	Emergent Low Marsh Brackish	<i>Iva frutescens</i>	Marsh Elder
		<i>Spartina alterniflora</i>	Saltmarsh Cordgrass
		<i>Aster tenuifolius</i>	Saltmarsh Aster
		<i>Borrichia frutescens</i>	Sea Ox-Eye
		<i>Salicornia bigelovii</i>	Dwarf Saltwort
		<i>Salicornia virginica</i> / <i>Salicornia europaea</i>	Virginia Glasswort
		<i>Scirpus americanus</i> / <i>Scirpus olneyi</i>	Chairmakers Bulrush
		<i>Scirpus robustus</i>	Sturdy Bulrush
		<i>Hibiscus moscheutos</i>	Marsh Hibiscus
		<i>Juncus roemerianus</i>	Black Needlerush
Mesohaline 5-18ppt	Emergent High Marsh Brackish	<i>Distichlis spicata</i>	Salt Grass
		<i>Panicum virgatum</i>	Switch Grass
		<i>Phragmites australis</i> / <i>Phragmites communis</i>	Common Reed
		<i>Spartina patens</i>	Saltmeadow Hay
		<i>Baccharis halimifolia</i>	Groundsel Bush
		<i>Iva frutescens</i>	Marsh Elder
		<i>Spartina alterniflora</i>	Saltmarsh Cordgrass
		<i>Aster tenuifolius</i>	Saltmarsh Aster
		<i>Borrichia frutescens</i>	Sea Ox-Eye
		<i>Salicornia bigelovii</i>	Dwarf Saltwort
Oligohaline 0.5-5ppt	Emergent Low Marsh Brackish	<i>Salicornia virginica</i> / <i>Salicornia europaea</i>	Virginia Glasswort
		<i>Scirpus americanus</i> / <i>Scirpus olneyi</i>	Chairmakers Bulrush
		<i>Scirpus robustus</i>	Sturdy Bulrush
		<i>Hibiscus moscheutos</i>	Marsh Hibiscus
		<i>Distichlis spicata</i>	Salt Grass
		<i>Panicum virgatum</i>	Switch Grass
		<i>Phragmites australis</i> / <i>Phragmites communis</i>	Common Reed
		<i>Spartina patens</i>	Saltmeadow Hay
		<i>Baccharis halimifolia</i>	Groundsel Bush
		<i>Iva frutescens</i>	Marsh Elder
Fresh <0.5ppt	Emergent Marsh Fresh	<i>Myrica cerifera</i>	Bayberry/Wax Myrtle
		<i>Spartina cynosuroides</i>	Big Cordgrass
		<i>Acorus calamus</i>	Sweet Flag
		<i>Amaranthus cannabinus</i>	Water Hemp
		<i>Bidens</i> spp.	Beggar's Ticks
		<i>Eleocharis</i> spp.	Spikerush
		<i>Leersia oryzoides</i>	Rice cutgrass
		<i>Nuphar lutea</i>	Yellow Pond Lily
		<i>Peltandra virginica</i>	Arrow Arum
		<i>Polygonum</i> spp.	Smartweed
Fresh <0.5ppt	Forested Tidal	<i>Sagittaria latifolia</i>	Broadleaf Arrowhead
		<i>Scirpus validus</i>	Bulrush
		<i>Typha latifolia</i>	Broad-Leaved Cattail
		<i>Zizania aquatica</i>	Annual Wild Rice
		<i>Nyssa aquatica</i>	Water Tupelo
		<i>Nyssa sylvatica</i> var. <i>biflora</i>	Black Gum
		<i>Taxodium distichum</i>	Bald Cypress
		<i>Osmunda regalis</i>	Royal Fern
		<i>Acer rubrum</i>	Red Maple
		Fresh <0.5ppt	Scrub/Shrub
<i>Iva frutescens</i>	Marsh Elder		
<i>Clethra alnifolia</i>	Sweet Pepperbush		
<i>Myrica cerifera</i>	Bayberry/Wax Myrtle		
<i>Cephalanthus occidentalis</i>	Common Buttonbush		

Salinity Regimes in Chesapeake Bay

