

**Jug Bay Wetlands Sanctuary**  
**Consolidated List from July 2012 to July 2016**

Scientific Name	Common Name	Synonym	Family				
				29-Jul-2012	27-Jul-2014	11-Jul-2015	16-Jul-2016
<i>Acer negundo</i>	Boxelder		Aceraceae				✓
<i>Acer rubrum</i>	Red maple		Aceraceae	✓	✓	✓	✓
<i>Achillea millefolium</i>	Yarrow		Asteraceae			✓	✓
<i>Ailanthus altissima</i>	Ailanthus		Simaroubaceae	✓			✓
<i>Albizia julibrissin</i>	Mimosa		Fabaceae	✓		✓	✓
<i>Alisma subcordatum</i>	Water-plantain		Alismataceae	✓	✓		
<i>Alnus serrulata</i>	Smooth alder		Betulaceae	✓	✓	✓	✓
<i>Amaranthus cannabinus</i>	Water hemp	<i>Acnida cannabina</i>	Amaranthaceae	✓	✓	✓	
<i>Amelanchier canadensis</i>	Shadbush		Rosaceae	✓			
<i>Amelanchier sp.</i>	Shadbush		Rosaceae		✓	✓	✓
<i>Apios americana</i>	Groundnut		Fabaceae	✓	✓	✓	✓
<i>Arabis lyrata</i>	Lyre-leaved rockcress		Brassicaceae	✓	✓	✓	✓
<i>Aralia spinosa</i>	Hercules' club		Araliaceae	✓		✓	✓
<i>Arisaema triphyllum</i>	Jack-in the-pulpit		Araceae	✓	✓		✓
<i>Asclepias amplexicaulis</i>	Clasping milkweed		Asclepiadaceae	✓	✓	✓	✓
<i>Asimina triloba</i>	Pawpaw					✓	✓
<i>Asplenium platyneuron</i>	Ebony spleenwort		Aspleniaceae	✓	✓	✓	
<i>Bidens bipinnata</i>	Spanish needles		Asteraceae	✓	✓		
<i>Boehmeria cylindrica</i>	False nettle		Urticaceae	✓	✓	✓	✓
<i>Campsis radicans</i>	Trumpet creeper		Bignoniaceae	✓	✓	✓	✓
<i>Carpinus caroliniana</i>	Hornbeam					✓	✓
<i>Carya alba</i>	Mockernut hickory	<i>Carya tomentosa</i>	Juglandaceae	✓			
<i>Carya tomentosa</i>	Mockernut hickory	<i>Carya alba</i>				✓	✓
<i>Cephalanthus occidentalis</i>	Buttonbush		Rubiaceae	✓	✓	✓	✓
<i>Cercis canadensis</i>	Redbud		Fabaceae	✓		✓	
<i>Chamaecrista nictitans</i>	Wild sensitive plant	<i>Cassia nictitans</i>	Fabaceae				✓
<i>Chamaecrista sp.</i>	Partridge pea	<i>Cassia sp.</i>	Fabaceae				✓
<i>Chelone obliqua</i>	Red turtlehead		Scrophulariaceae	✓	✓	✓	✓
<i>Chimaphila maculata</i>	Spotted wintergreen		Pyrolaceae	✓	✓	✓	✓
<i>Chionanthus sp.</i>	Fringetree		Oleaceae	✓			

<b>Chionanthus virginicus</b>	<b>Fringetree</b>		<b>Oleaceae</b>		✓	✓	✓
<b>Cicuta maculata</b>	<b>Water hemlock</b>		<b>Apiaceae</b>	✓	✓	✓	✓
<b>Circaea lutetiana</b>	<b>Enchanter's nightshade</b>		<b>Onagraceae</b>	✓		✓	✓
<b>Clethra alnifolia</b>	<b>Sweet pepperbush</b>		<b>Clethraceae</b>	✓	✓	✓	✓
<b>Collinsonia canadensis</b>	<b>Horse balm</b>		<b>Lamiaceae</b>				✓
<b>Commelina communis</b>	<b>Asiatic dayflower</b>		<b>Commelinaceae</b>	✓	✓	✓	✓
<b>Commelina virginica</b>	<b>Virginia dayflower</b>		<b>Commelinaceae</b>	✓	✓	✓	✓
<b>Cornus amomum</b>	<b>Silky dogwood</b>		<b>Cornaceae</b>	✓	✓	✓	✓
<b>Cornus florida</b>	<b>Flowering dogwood</b>		<b>Cornaceae</b>	✓		✓	✓
<b>Cuscuta gronovii</b>	<b>Dodder</b>		<b>Cuscutaceae</b>		✓	✓	✓
<b>Decodon verticillatus</b>	<b>Water willow</b>		<b>Lythraceae</b>	✓	✓	✓	✓
<b>Dennstaedtia punctilobula</b>	<b>Hay-scented fern</b>		<b>Dennstaedtiaceae</b>	✓			
<b>Desmodium canadense</b>	<b>Showy tick trefoil</b>		<b>Fabaceae</b>				✓
<b>Desmodium cuspidatum</b>	<b>Large-bracted tick trefoil</b>		<b>Fabaceae</b>				✓
<b>Desmodium paniculatum</b>	<b>Panicked tick trefoil</b>		<b>Fabaceae</b>				✓
<b>Desmodium viridiflorum</b>	<b>Velvety tick-trefoil</b>		<b>Fabaceae</b>	✓	✓	✓	✓
<b>Dioscorea villosa</b>	<b>Wild yam</b>		<b>Dioscoreaceae</b>	✓	✓	✓	✓
<b>Diospyros virginiana</b>	<b>Persimmon</b>		<b>Ebenaceae</b>			✓	
<b>Epifagus virginiana</b>	<b>Beechdrops</b>		<b>Orobanchaceae</b>		✓	✓	✓
<b>Eubotrys racemosa</b>	<b>Fetterbush</b>	<b>Leucothoe racemosa</b>	<b>Ericaceae</b>	✓	✓	✓	✓
<b>Euonymus americanus</b>	<b>Strawberry bush</b>		<b>Celastraceae</b>		✓		
<b>Euphorbia corollata</b>	<b>Flowering spurge</b>		<b>Euphorbiaceae</b>	✓	✓	✓	
<b>Fagus grandifolia</b>	<b>American beech</b>		<b>Fagaceae</b>	✓	✓	✓	✓
<b>Fraxinus pennsylvanica</b>	<b>Green ash</b>		<b>Oleaceae</b>		✓		
<b>Fraxinus profunda</b>	<b>Pumpkin ash</b>		<b>Oleaceae</b>	✓	✓	✓	✓
<b>Galactia volubilis</b>	<b>Downy milk pea</b>		<b>Fabaceae</b>		✓		
<b>Galium aparine</b>	<b>Cleavers</b>		<b>Rubiaceae</b>				✓
<b>Galium circaezans</b>	<b>Wild licorice</b>		<b>Rubiaceae</b>		✓	✓	✓
<b>Geum canadense</b>	<b>White avens</b>		<b>Rosaceae</b>	✓			
<b>Glechoma hederacea</b>	<b>Gill-over-the-ground</b>		<b>Lamiaceae</b>	✓			✓
<b>Hamamelis virginiana</b>	<b>Witchhazel</b>		<b>Hamamelidaceae</b>	✓	✓	✓	
<b>Heteranthera reniformis</b>	<b>Mud-plantain</b>		<b>Pontederiaceae</b>		✓		
<b>Hibiscus moscheutos</b>	<b>Rose mallow</b>		<b>Malvaceae</b>	✓	✓	✓	✓

<b>Hieracium gronovii</b>	<b>Hairy hawkweed</b>		<b>Asteraceae</b>		✓	✓	✓
<b>Hieracium sp.</b>	<b>Hawkweed</b>		<b>Asteraceae</b>	✓			
<b>Houstonia longifolia</b>	<b>Long-leaved houstonia</b>	<b>Houstonia tenuifolia</b>	<b>Rubiaceae</b>				✓
<b>Hydrangea arborescens</b>	<b>Wild hydrangea</b>		<b>Hydrangeaceae</b>				✓
<b>Hydrilla verticillata</b>	<b>Hydrilla</b>		<b>Hydrocharitaceae</b>	✓	✓		✓
<b>Ilex opaca</b>	<b>American holly</b>		<b>Aquifoliaceae</b>	✓	✓	✓	✓
<b>Ilex verticillata</b>	<b>Winterberry</b>		<b>Aquifoliaceae</b>	✓	✓	✓	✓
<b>Impatiens capensis</b>	<b>Jewelweed</b>		<b>Balsaminaceae</b>	✓	✓	✓	✓
<b>Iris versicolor</b>	<b>Blue flag</b>		<b>Iridaceae</b>				✓
<b>Itea virginica</b>	<b>Sweet-spires</b>		<b>Grossulariaceae</b>		✓	✓	✓
<b>Juglans nigra</b>	<b>Black walnut</b>		<b>Juglandaceae</b>	✓		✓	✓
<b>Juniperus virginiana</b>	<b>Eastern red-cedar</b>		<b>Cupressaceae</b>			✓	✓
<b>Justicia americana</b>	<b>Water willow</b>		<b>Acanthaceae</b>	✓			
<b>Kalmia latifolia</b>	<b>Mountain laurel</b>		<b>Ericaceae</b>	✓	✓	✓	✓
<b>Lemna sp.</b>	<b>Duckweed</b>		<b>Lemnaceae</b>		✓		
<b>Lilium superbum</b>	<b>Turk's cap lily</b>		<b>Liliaceae</b>	✓	✓	✓	✓
<b>Lindera benzoin</b>	<b>Spicebush</b>		<b>Lauraceae</b>			✓	✓
<b>Liquidambar styraciflua</b>	<b>Sweetgum</b>		<b>Hamamelidaceae</b>	✓	✓	✓	✓
<b>Liriodendron tulipifera</b>	<b>Tuilltree</b>		<b>Magnoliaceae</b>	✓	✓	✓	✓
<b>Lobelia cardinalis</b>	<b>Cardinal flower</b>		<b>Campanulaceae</b>	✓			
<b>Lonicera japonica</b>	<b>Japanese honeysuckle</b>		<b>Caprifoliaceae</b>	✓	✓	✓	✓
<b>Ludwigia palustris</b>	<b>Water purslane</b>		<b>Onagraceae</b>		✓		
<b>Lycopus americanus</b>	<b>Cut-leaved waterhorehound</b>		<b>Lamiaceae</b>		✓		
<b>Magnolia virginiana</b>	<b>Sweetbay magnolia</b>		<b>Magnoliaceae</b>	✓	✓	✓	✓
<b>Maianthemum racemosum</b>	<b>False Solomon's-seal</b>	<b>Smilacina racemosa</b>	<b>Liliaceae</b>	✓	✓	✓	✓
<b>Matelea carolinensis</b>	<b>Anglepod</b>		<b>Asclepiadaceae</b>	✓		✓	✓
<b>Mikania scandens</b>	<b>Climbing hempweed</b>		<b>Asteraceae</b>	✓	✓	✓	✓
<b>Mimulus alatus</b>	<b>Sharp-winged monkey flower</b>		<b>Scrophulariaceae</b>	✓	✓		
<b>Mitchella repens</b>	<b>Partridgeberry</b>		<b>Rubiaceae</b>	✓	✓	✓	✓
<b>Morella sp.</b>	<b>Bayberry</b>	<b>Myrica sp.</b>	<b>Myricaceae</b>	✓			
<b>Murdannia keisak</b>	<b>Aneilema</b>	<b>Aneilema keisak</b>	<b>Commelinaceae</b>	✓			
<b>Nuphar lutea</b>	<b>Spatterdock</b>	<b>Nuphar advena</b>	<b>Nymphaeaceae</b>	✓	✓	✓	✓
<b>Nyssa sylvatica</b>	<b>Black gum</b>		<b>Cornaceae</b>	✓	✓	✓	

<b>Onoclea sensibilis</b>	<b>Sensitive fern</b>		<b>Dryopteridaceae</b>	✓	✓	✓	✓
<b>Osmunda cinnamomea</b>	<b>Cinnamon fern</b>		<b>Osmundaceae</b>	✓	✓	✓	✓
<b>Osmunda regalis</b>	<b>Royal fern</b>		<b>Osmundaceae</b>	✓	✓	✓	✓
<b>Paronychia canadensis</b>	<b>Forked chickweed</b>		<b>Caryophyllaceae</b>	✓	✓	✓	
<b>Parthenocissus quinquefolia</b>	<b>Virginia creeper</b>		<b>Vitaceae</b>	✓	✓	✓	✓
<b>Passiflora lutea</b>	<b>Yellow passionflower</b>		<b>Passifloraceae</b>		✓		
<b>Peltandra virginica</b>	<b>Arrow arum</b>		<b>Araceae</b>	✓	✓	✓	✓
<b>Phytolacca americana</b>	<b>Pokeweed</b>		<b>Phytolaccaceae</b>	✓			
<b>Pilea fontana</b>	<b>Swamp clearweed</b>		<b>Urticaceae</b>		✓	✓	✓
<b>Pilea sp.</b>	<b>Clearweed</b>		<b>Urticaceae</b>	✓			
<b>Pinus virginiana</b>	<b>Virginia pine</b>		<b>Pinaceae</b>	✓			✓
<b>Podophyllum peltatum</b>	<b>Mayapple</b>		<b>Berberidaceae</b>			✓	
<b>Polygonatum biflorum</b>	<b>Smooth Solomon's seal</b>		<b>Liliaceae</b>				✓
<b>Polygonum arifolium</b>	<b>Halberd-leaved tearthumb</b>		<b>Polygonaceae</b>	✓	✓	✓	✓
<b>Polygonum hydropiper</b>	<b>Water-pepper</b>		<b>Polygonaceae</b>	✓			
<b>Polygonum punctatum</b>	<b>Water smartweed</b>		<b>Polygonaceae</b>	✓			
<b>Polypodium virginianum</b>	<b>Rock polypody</b>		<b>Polypodiaceae</b>	✓	✓	✓	
<b>Polystichum acrostichoides</b>	<b>Christmas fern</b>		<b>Dryopteridaceae</b>	✓	✓	✓	✓
<b>Pontederia cordata</b>	<b>Pickerel-weed</b>		<b>Pontederiaceae</b>	✓	✓	✓	✓
<b>Populus grandidentata</b>	<b>Big-toothed aspen</b>		<b>Salicaceae</b>	✓			
<b>Prunus serotina</b>	<b>Black cherry</b>		<b>Rosaceae</b>	✓			✓
<b>Quercus alba</b>	<b>White oak</b>		<b>Fagaceae</b>	✓			✓
<b>Quercus falcata</b>	<b>Southern red oak</b>		<b>Fagaceae</b>	✓		✓	✓
<b>Quercus michauxii</b>	<b>Swamp chestnut oak</b>		<b>Fagaceae</b>	✓			✓
<b>Quercus montana</b>	<b>Chestnut oak</b>	<b>Quercus prinus</b>	<b>Fagaceae</b>			✓	
<b>Quercus phellos</b>	<b>Willow oak</b>		<b>Fagaceae</b>	✓	✓	✓	✓
<b>Quercus prinus</b>	<b>Chestnut oak</b>		<b>Fagaceae</b>	✓			
<b>Quercus rubra</b>	<b>Northern red oak</b>		<b>Fagaceae</b>	✓			✓
<b>Quercus stellata</b>	<b>Post oak</b>		<b>Fagaceae</b>	✓		✓	✓
<b>Quercus velutina</b>	<b>Black oak</b>		<b>Fagaceae</b>	✓		✓	
<b>Rhododendron viscosum</b>	<b>Swamp azalea</b>		<b>Ericaceae</b>	✓		✓	✓
<b>Robinia pseudoacacia</b>	<b>Black locust</b>		<b>Fabaceae</b>				✓
<b>Rosa palustris</b>	<b>Swamp rose</b>		<b>Rosaceae</b>	✓	✓	✓	✓

<b>Rubus sp.</b>	<b>Blackberry</b>		<b>Rosaceae</b>	✓	✓	✓	
<b>Sagittaria calycina</b>	<b>Slender false arrowhead</b>	<b>Lophotocarpus spongiosus</b>	<b>Alismataceae</b>				✓
<b>Sagittaria graminea</b>	<b>Grass-leaved arrowhead</b>		<b>Alismataceae</b>	✓		✓	
<b>Sagittaria latifolia</b>	<b>Broad-leaved arrowhead</b>		<b>Alismataceae</b>	✓	✓	✓	✓
<b>Salix nigra</b>	<b>Black willow</b>		<b>Salicaceae</b>	✓	✓	✓	✓
<b>Sambucus nigra</b>	<b>Elderberry</b>	<b>Sambucus canadensis</b>	<b>Caprifoliaceae</b>			✓	✓
<b>Sanguinaria canadensis</b>	<b>Bloodroot</b>		<b>Papaveraceae</b>	✓	✓	✓	
<b>Sassafras albidum</b>	<b>Sassafras</b>		<b>Lauraceae</b>	✓	✓	✓	✓
<b>Saururus cernuus</b>	<b>Lizard's-tail</b>		<b>Saururaceae</b>	✓	✓	✓	✓
<b>Silene stellata</b>	<b>Starry campion</b>		<b>Caryophyllaceae</b>	✓	✓		
<b>Sium suave</b>	<b>Water parsnip</b>		<b>Apiaceae</b>	✓	✓		✓
<b>Smilax glauca</b>	<b>Glaucous greenbrier</b>		<b>Smilacaceae</b>		✓	✓	✓
<b>Smilax rotundifolia</b>	<b>Common greenbrier</b>		<b>Smilacaceae</b>	✓	✓	✓	✓
<b>Symplocarpus foetidus</b>	<b>Skunk cabbage</b>		<b>Araceae</b>		✓	✓	✓
<b>Thalictrum pubescens</b>	<b>Tall meadowrue</b>	<b>Thalictrum polygamum</b>	<b>Ranunculaceae</b>	✓	✓	✓	✓
<b>Thelypteris noveboracensis</b>	<b>New York fern</b>		<b>Thelypteridaceae</b>	✓	✓	✓	✓
<b>Toxicodendron radicans</b>	<b>Poison ivy</b>		<b>Anacardiaceae</b>	✓	✓	✓	✓
<b>Triadenum virginicum</b>	<b>Marsh St. Johnswort</b>	<b>Hypericum virginicum</b>	<b>Clusiaceae</b>				✓
<b>Typha latifolia</b>	<b>Common cattail</b>		<b>Typhaceae</b>	✓	✓	✓	✓
<b>Uvularia sessilifolia</b>	<b>Sessile-leaved bellwort</b>		<b>Liliaceae</b>		✓	✓	
<b>Vaccinium corymbosum</b>	<b>Highbush blueberry</b>		<b>Ericaceae</b>	✓	✓	✓	
<b>Vaccinium sp.</b>	<b>Blueberry</b>		<b>Ericaceae</b>	✓		✓	
<b>Verbena simplex</b>	<b>Narrow-leaved vervain</b>		<b>Verbenaceae</b>				✓
<b>Verbesina occidentalis</b>	<b>Crownbeard</b>		<b>Asteraceae</b>			✓	
<b>Viburnum acerifolium</b>	<b>Maple-leaved viburnum</b>		<b>Caprifoliaceae</b>	✓	✓	✓	✓
<b>Viburnum dentatum</b>	<b>Arrowwood</b>		<b>Caprifoliaceae</b>	✓	✓	✓	✓
<b>Viburnum prunifolium</b>	<b>Blackhaw</b>		<b>Caprifoliaceae</b>	✓			✓
<b>Viola cucullata</b>	<b>Marsh blue violet</b>		<b>Violaceae</b>		✓		
<b>Vitis sp.</b>	<b>Grape</b>		<b>Vitaceae</b>	✓	✓	✓	✓
<b>Zizania aquatica</b>	<b>Southern wild rice</b>		<b>Poaceae</b>	✓	✓	✓	✓