

ZONING

205 Attachment 5

Township of Bristol

Appendix A Bucks County Wetland Plant List

The following plant list represents common wetland species found in Bucks County. These species are reliable indicators of wetlands when found dominating a site (e.g., comprising more than 50% of the vegetation).

This list was derived from a larger regional list of wetland plants located in the northeastern United States compiled by the U.S. Fish and Wildlife Service. The selections for this Bucks County list were made with the assistance of several regional experts: Dr. Ann Rhoads, Director of Botany, Morris Arboretum; Dr. Ernest Schuyler, Associate Curator, Academy of Natural Sciences; Dr. David Benner, Professor of Botany, Delaware Valley College; and Edward Perry, Assistant Supervisor, U.S. Fish and Wildlife Service at State College.

SCIENTIFIC NAME		COMMON NAME
1.	<i>Acer negundo</i> L.	Box Elder
2.	<i>Acer saccharinum</i> L.	Silver Maple
3.	<i>Acorus calamus</i> L.	Sweetflag
4.	<i>Agrostis alba</i> L.	Redtop
5.	<i>Alisma subcordatum</i> Raf.	Subcordate Waterplantain
6.	<i>Alnus serrulata</i> (Ait.) Willd.	Hazel Alder
7.	<i>Amaranthus cannabinus</i> (L.) Sauer	Tidmarsh Waterhemp
8.	<i>Amorpha fruticosa</i> L.	Dull-Leaf Indigo
9.	<i>Andropogon gerardii</i> Vitman	Big Bluestem
10.	<i>Andropogon glomeratus</i> (Walt.) B.S.P.	Bushybeard Bluestem
11.	<i>Andropogon virginicus</i> L.	Broomsedge Bluestem
12.	<i>Arisaema triphyllum</i> (L.) Schott	Indian Jack-in-the-Pulpit
13.	<i>Aronia arbutifolia</i> (L.) Ell.	Red Chokecherry
14.	<i>Aronia melanocarpa</i> (Michx.) Ell.	Black Chokecherry
15.	<i>Asclepias incarnata</i> L.	Swamp Milkweed
16.	<i>Aster umbellatus</i> Mill.	Flattop Aster
17.	<i>Betula nigra</i> L.	River Birch
18.	<i>Bidens</i> (all species)	Beggarticks
19.	<i>Boehmeria cylindrica</i> (L.) SW.	Smallspike False-Nettle
20.	<i>Calamagrostis canadensis</i> (Michx.) Beauv.	Bluejoint Reedgrass
21.	<i>Calamagrostis cinnoides</i> (Muhl.) Barton	Hairyseed Reedgrass
22.	<i>Caltha palustris</i> L.	Marsh Marigold
23.	<i>Cardamine bulbosa</i> (Schreb.) B.S.P.	Bulb Bittercress
24.	<i>Cardamine pensylvanica</i> Muhl. ex Willd.	Pennsylvania Bittercress
25.	<i>Carex</i> (all species)	Sedge
26.	<i>Cephalanthus occidentalis</i> L.	Common Buttonbush
27.	<i>Chelone glabra</i> L.	White Turtlehead
28.	<i>Chrysosplenium americanum</i> Schweinitz	Golden Saxifrage

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SCIENTIFIC NAME		COMMON NAME
29.	<i>Cicuta bulbifera</i> L.	Poison Waterhemlock
30.	<i>Cicuta maculata</i> L.	Common Waterhemlock
31.	<i>Cinna arundinacea</i> L.	Stout Woodreed
32.	<i>Clethra alnifolia</i> L.	Summersweet Clethra
33.	<i>Conium maculatum</i> L.	Poison Hemlock
34.	<i>Cornus amomum</i> Mill.	Silky Dogwood
35.	<i>Cyperus</i> (all species)	Flatsedge
36.	<i>Decodon verticillatus</i> (L.) Ell.	Water Willow
37.	<i>Dulichium arundinaceum</i> (L.) Britt.	Three-Way-Sedge
38.	<i>Echinochloa walteri</i> (Pursh) A. Heller	Walter Millet
39.	<i>Eleocharis</i> (all species)	Spikerush
40.	<i>Epilobium coloratum</i> Biehler	Purpleleaf Willowweed
41.	<i>Equisetum fluviatile</i> L.	Water Horsetail
42.	<i>Equisetum hyemale</i> L.	Scouringrush Horsetail
43.	<i>Eragrostis hypnoides</i> (Lam.) B.S.P.	Teal Lovegrass
44.	<i>Eragrostis pectinacea</i> (Michx.) Nees	Carolina Lovegrass
45.	<i>Eupatoriadelphus dubius</i> (all species)	Joe-Pye Weed
46.	<i>Eupatorium perfoliatum</i> L.	Boneset
47.	<i>Eupatorium pilosum</i> Walter	Hairy Thoroughwort
48.	<i>Euthamia graminifolia</i> (L.) Nutt.	Grass-Leaved Goldenrod
49.	<i>Fraxinus nigra</i> Marshall	Black Ash
50.	<i>Fraxinus pennsylvanica</i> Marshall	Green Ash
51.	<i>Galium obtusum</i> Bigel.	Bluntleaf Bedstraw
52.	<i>Galium parisiense</i> L.	Wall Bedstraw
53.	<i>Galium tinctorium</i> L.	Dye Bedstraw
54.	<i>Glyceria</i> (all species)	Mannagrass
55.	<i>Helenium autumnale</i> L.	Common Sneezeweed
56.	<i>Heteranthera reniformis</i> R. & P.	Roundleaf Mudplantain
57.	<i>Hibiscus mosocheutos</i> L.	Rose Mallow
58.	<i>Hydrophyllum virginianum</i> L.	Virginia Waterleaf
59.	<i>Hypericum mutilum</i> L.	Dwarf St. Johnswort
60.	<i>Ilex verticillata</i> (L.) A. Gray	Winterberry
61.	<i>Impatiens capensis</i> Meerb.	Spotted Touch-Me-Not
62.	<i>Impatiens pallida</i> Nutt.	Pale Touch-Me-Not
63.	<i>Iris pseudacorus</i> L.	Yellow Iris
64.	<i>Iris versicolor</i> L.	Blueflag Iris
65.	<i>Juncus</i> (all species)	Rush
66.	<i>Laportea canadensis</i> (L.) Wedd.	Canada Woodnettle
67.	<i>Leersia oryzoides</i> (L.) Swartz	Rice Cutgrass
68.	<i>Leersia virginica</i> Willd.	Whitegrass
69.	<i>Leucothoe racemosa</i> (L.) Gray	Swamp Leucothoe
70.	<i>Lindera benzoin</i> (L.) Blume	Spicebush
71.	<i>Liquidambar styraciflua</i> L.	Sweetgum
72.	<i>Ludwigia</i> (all species)	Seed-Box
73.	<i>Lycopus</i> (all species)	Bugleweed

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SCIENTIFIC NAME		COMMON NAME
74.	<i>Lyonia ligustrina</i> (L.) DC.	Male-Berry
75.	<i>Lysimachia</i> (all species)	Loosestrife
76.	<i>Lythrum salicaria</i> L.	Purple Loosestrife
77.	<i>Magnolia virginiana</i> L.	Sweetbay
78.	<i>Mentha X piperita</i> L.	Peppermint
79.	<i>Mertensia virginica</i> (L.) Pers.	Virginia Bluebells
80.	<i>Mimulus ringens</i> L.	Monkey-Flower
81.	<i>Myosotis scorpioides</i> L.	True Forget-Me-Not
82.	<i>Nasturtium officinale</i> R. Br.	Watercress
83.	<i>Nuphar luteum</i> (L.) Sibth. & J.E. Smith	European Cowlily
84.	<i>Onoclea sensibilis</i> L.	Sensitive Fern
85.	<i>Osmunda</i> (all species)	Fern
86.	<i>Panicum longifolium</i> Torr.	Long-Leaved Panic-Grass
87.	<i>Panicum rigidulum</i> Bosc. ex Nees.	Redtop Panicum
88.	<i>Peltandra virginica</i> (L.) Kunth.	Arrow-Arum
89.	<i>Phalaris arundinacea</i> L.	Reed Canarygrass
90.	<i>Phragmites australis</i> (Cav.) Trin. ex Steud.	Giant Cane
91.	<i>Polygonum amphibium</i> L.	Water Knotweed
92.	<i>Polygonum arifolium</i> L.	Halberdleaf Tearthumb
93.	<i>Polygonum hydropiper</i> L.	Marshpepper Knotweed
94.	<i>Polygonum hydropiperoides</i> Michx.	Swamp Knotweed
95.	<i>Polygonum pensylvanicum</i> L.	Pennsylvania Smartweed
96.	<i>Polygonum punctatum</i> Ell.	Dotted Smartweed
97.	<i>Polygonum sagittatum</i> L.	Arrow-Leaved Tearthumb
98.	<i>Polygonum scandens</i> L.	Hedge Cornbind
99.	<i>Pontederia cordata</i> L.	Pickernelweed
100.	<i>Quercus bicolor</i> Willd.	Swamp White Oak
101.	<i>Quercus palustris</i> Muench.	Pin Oak
102.	<i>Quercus phellos</i> L.	Willow Oak
103.	<i>Ranunculus sceleratus</i> L.	Celeryleaf Buttercup
104.	<i>Ranunculus septentrionalis</i> Poir.	Swamp Buttercup
105.	<i>Rhododendron viscosum</i> (L.) Torr.	Swamp Azalea
106.	<i>Rhynchospora capitellata</i> (Michx.) Vahl	False Bog Rush
107.	<i>Rorippa palustris</i> (L.) Besser	Marsh Yellowgrass
108.	<i>Rorippa sylvestris</i> (L.) Besser	Creeping Yellowgrass
109.	<i>Rosa palustris</i> Marshall	Swamp Rose
110.	<i>Sagittaria</i> (all species)	Arrowhead
111.	<i>Salix</i> (all species)	Willow
112.	<i>Saururus cernuus</i> L.	Lizard's Tail
113.	<i>Scirpus</i> (all species)	Bulrush
114.	<i>Scutellaria integrifolia</i> L.	Rough Skullcap
115.	<i>Scutellaria lateriflora</i> L.	Blue Skullcap
116.	<i>Sium suave</i> Walt.	Common Waterparsnip
117.	<i>Smilax hispida</i> Muhl.	Bristly Greenbriar
118.	<i>Sparganium</i> (all species)	Burreed

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119.	<i>Spiraea latifolia</i> (Ait.) Borkh.	Broadleaf Meadowsweet Spiraea
120.	<i>Spiraea tomentosa</i> L.	Hardhack
121.	<i>Symplocarpus foetidus</i> (L.) Nutt.	Common Skunkcabbage
122.	<i>Thelypteris thelypteroides</i> (Michx.) J. Holub	Marsh Fern
123.	<i>Triadenum virginicum</i> (L.) Raf.	Marsh St. Johnswort
124.	<i>Typha angustifolia</i> L.	Narrow-Leaved Cattail
125.	<i>Typha latifolia</i> L.	Common Cattail
126.	<i>Ulmus americana</i> L.	American Elm
127.	<i>Ulmus rubra</i> Muhl.	Slippery Elm
128.	<i>Vaccinium corymbosum</i> L.	Highbush Blueberry
129.	<i>Vaccinium macrocarpon</i> Ait.	Large Cranberry
130.	<i>Verbena hastata</i> L.	Blue Verbena
131.	<i>Viburnum dentatum</i> L.	Arrow-Wood
132.	<i>Viburnum recognitum</i> Fernald	Arrow-Wood
133.	<i>Woodwardia areolata</i> (L.) T. Moore	Netted Chainfern
134.	<i>Zizania aquatica</i> L.	Annual Wildrice