

ZONING

440 Attachment 5

Borough of Chalfont

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 United States 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, United States Fish and Wildlife Service at State College.

Scientific Name	Common Name
<i>Acer negundo</i> L.	Box elder
<i>Acer saccharinum</i> L.	Silver maple
<i>Acorus calamus</i> L.	Sweetflag
<i>Argrostis alba</i> L.	Redtop
<i>Alisma subcordatum</i> Raf.	Subcordate water plantain
<i>Alnus serrulata</i> (Ait) Willd.	Hazel alder
<i>Amaranthus cannabinus</i> (L) Sauer	Tidemarsch waterhemp
<i>Amorpha fruticosa</i> L.	Dull-leaf indigo
<i>Andropogon gerardii</i> Vitman	Big bluestem
<i>Andropogon glomeratus</i> (Walt.) B.S.P.	Bushybeard bluestem
<i>Andropogon virginicus</i> L.	Broomsedge bluestem
<i>Arisaema triphyllum</i> (L.) Schott	Indian jack-in-the-pulpit
<i>Aronia arbutifolia</i> (L.) Ell.	Red chokeberry
<i>Aronia melanocarpa</i> (Michx.) Ell.	Black chokeberry
<i>Axilepias incarnata</i> L.	Swamp milkweed
<i>Aster umbellatus</i> Mill.	Flattop aster
<i>Betula nigra</i> L.	River birch
<i>Bidens</i> (all species)	Beggarticks
<i>Boehmeria cylindrica</i> (L.) SW.	Smallspike false-nettle

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Scientific Name	Common Name
<i>Calamagrostis canadensis</i> (Michx.) Beauv.	Bluejoint reedgrass
<i>Calamagrostis cinnoides</i> (Muhl.) Barton	Hairyseed reedgrass
<i>Caltha palustris</i> L.	Marsh marigold
<i>Cardamine bulbosa</i> (Schreb.) B.S.P.	Bulb bittercress
<i>Cardamine pensylvanica</i> Mulh. Ex Willd.	Pennsylvania bittercress
<i>Cares</i> (all species)	Sedge
<i>Cephalanthus occidentalis</i> L.	Common buttonbush
<i>Chelone glabra</i> L.	White turtlehead
<i>Chrysosplenium americanum</i> Schweinitz	Golden saxifrage
<i>Cicuta bulbifera</i> L.	Poison water hemlock
<i>Cicuta maculata</i> L.	Common water hemlock
<i>Cinna arundinacea</i> L.	Stout woodreed
<i>Clethra alnifolia</i> L.	Summersweet clethra
<i>Conium maculatum</i> L.	Poison hemlock
<i>Cornus amomum</i> Mill.	Silky dogwood
<i>Cyperus</i> (all species)	Flatsedge
<i>Decodon verticillatus</i> (L.) Ell.	Water willow
<i>Dulichium arundinaceum</i> (L.) Britt.	Three-way sedge
<i>Echinochloa walteri</i> (Pursh) A. Heller	Walter millet
<i>Eleocharis</i> (all species)	Spikerush
<i>Epilobium coloratum</i> Biehler	Purpleleaf willowweed
<i>Equisetum fluviatile</i> L.	Water horsetail
<i>Equisetum hyemale</i> L.	Scouringrush horsetail
<i>Eragrostis hypnoides</i> (Lam.) B.S.P.	Teal lovegrass
<i>Eragrostis pectinacea</i> (Michx.) Nees	Carolina lovegrass
<i>Eupatoriadelphus dubius</i> (all species)	Joe-pye weed
<i>Eupatorium perfoliatum</i> L.	Boneset
<i>Eupatorium pilosum</i> Walter	Hairy throughwort
<i>Euthamia graminifolia</i> (L.) Nutt.	Grass-leaved goldenrod
<i>Fraxinus nigra</i> Marshall	Black ash
<i>Fraxinus pennsylvanica</i> Marshall	Green ash
<i>Galium obtusum</i> Bigel.	Bluntleaf bedstraw

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Scientific Name	Common Name
<i>Galium parisiense</i> L.	Wall bedstraw
<i>Galium tinctorium</i> L.	Dye bedstraw
<i>Glyceria</i> (all species)	Mannagrass
<i>Helenium autumnale</i> L.	Common sneezeweed
<i>Heteranthera reniformis</i> R. & P.	Roundleaf mud plantain
<i>Hibiscus mosocheutos</i> L.	Rose mallow
<i>Hydrophyllum virginianum</i> L.	Virginia waterleaf
<i>Hypericum mutilum</i> L.	Dwarf St. John's wort
<i>Ilex verticillata</i> (L.) A. Gray	Winterberry
<i>Impatiens capensis</i> Meerb.	Spotted touch-me-not
<i>Impatiens pallida</i> Nutt.	Pale touch-me-not
<i>Iris pseudacorus</i> L.	Yellow iris
<i>Iris vericolor</i> L.	Blueflag iris
<i>Juncus</i> (all species)	Rush
<i>Laportea canadensis</i> (L.) Wedd.	Canada woodnettle
<i>Leersia oryzoides</i> (L.) Swartz	Rice cutgrass
<i>Leersia virginica</i> Willd.	Whitegrass
<i>Leucothoe racemos</i> (L.) Gray	Swamp leucothoe
<i>Lindera benzoin</i> (L.) Blume	Spicebush
<i>Liquidambar styraciflua</i> L.	Sweetgum
<i>Ludwigia</i> (all species)	Seedbox
<i>Lycopus</i> (all species)	Bugleweed
<i>Lyonia ligustrina</i> (L.) DC.	Maleberry
<i>Lysimachia</i> (all species)	Loosestrife
<i>Lythrum salicaria</i> L.	Purple loosestrife
<i>Magnolia virginiana</i> L.	Sweetbay
<i>Mentha X piperita</i> L.	Peppermint
<i>Mertensia virginica</i> (L.) Pers.	Virginia bluebells
<i>Mimulus ringens</i> L.	Monkey flower
<i>Myosotis scorpiodes</i> L.	True forget-me-not
<i>Nasturtium officinale</i> R. Br.	Watercress
<i>Nuphar luteum</i> (L.) Sibth. & J. E. Smith	European cowlily

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Scientific Name	Common Name
<i>Onoclea sensibilis</i> L.	Sensitive fern
<i>Osmunda</i> (all species)	Fern
<i>Panicum longifolium</i> Torr.	Long-leaved panic grass
<i>Panicum rigidulum</i> Bosc. Ex Nees	Redtop panicum
<i>Peltandra virginica</i> (L.) Kunth.	Arrow arum
<i>Phalaris arundinacea</i> L.	Reed canary grass
<i>Phragmites australis</i> (Cav.) Trin. Ex Steud	Giant cane
<i>Polygonum amphibium</i> L.	Water knotweed
<i>Polygonum airfolium</i> L.	Halberdleaf tearthumb
<i>Polygonum hydropiper</i> L.	Marshpepper knotweed
<i>Polygonum hydropiperoides</i> Michx.	Swamp knotweed
<i>Polygonum pensylvanicum</i> L.	Pensylvania smartweed
<i>Polygonum punctatum</i> Ell.	Dotted smartweed
<i>Polygonum sagittatum</i> L.	Arrow-leaved tearthumb
<i>Polygonum scandens</i> L.	Hedge cornbind
<i>Pontederia cordata</i> L.	Pickerelweed
<i>Quercus bicolor</i> Willd.	Swamp white oak
<i>Quercus palustris</i> Muench.	Pin oak
<i>Quercus phellos</i> L.	Willow oak
<i>Ranunculus sceleratus</i> L.	Celeryleaf buttercup
<i>Ranunculus septentrionalis</i> Poir.	Swamp buttercup
<i>Rhododendron viscosum</i> (L.) Torr.	Swamp azalea
<i>Rhynchospora capitellata</i> (Michx.) Vahl	False bog rush
<i>Rorippa palustris</i> (L.) Besser	Marsh yellowgrass
<i>Rorippa sylvestris</i> (L.) Besser	Creeping yellowgrass
<i>Rosa palustris</i> Marshall	Swamp rose
<i>Sagittaria</i> (all species)	Arrowhead
<i>Salix</i> (all species)	Willow
<i>Saururus cernuus</i> L.	Lizard's tail
<i>Scirpus</i> (all species)	Bulrush
<i>Scutellaria integrifolia</i> L.	Rough skullcap
<i>Scutellaria lateriflora</i> L.	Blue skullcap

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Scientific Name	Common Name
<i>Sium suave</i> Walt.	Common water parsnip
<i>Smilax hispida</i> Muhl.	Bristly greenbriar
<i>Sparganium</i> (all species)	Burreed
<i>Spiraea Latifolia</i> (Ait.) Borkh.	Broadlead meadowsweet spiraea
<i>Spiraea tomentosa</i> L.	Hardhack
<i>Symplocarpus foetidus</i> (L.) Nutt.	Common skunk cabbage
<i>Thelypteris thelypteroides</i> (Michx.) J. Holub	Marsh fern
<i>Triadenum virginicum</i> (L.) Raf.	Marsh St. John's wort
<i>Typha angustifolia</i> L.	Narrow-leaved cattail
<i>Typha latifolia</i> L.	Common cattail
<i>Ulmus americana</i> L.	American elm
<i>Ulmus rubra</i> Muhl.	Slippery elm
<i>Vaccinium corymbosum</i> L.	Highbush blueberry
<i>Vaccinium macrocarpon</i> Ait.	Large cranberry
<i>Verbena hastata</i> L.	Blue verbena
<i>Viburnum dentatum</i> L.	Arrowwood
<i>Viburnum recognitum</i> Fernald	Arrowwood
<i>Woodwardia areolata</i> (L.) T. Moore	Netted chain fern
<i>Ziznia aquatica</i> L.	Annual wild rice