

## ALLENBERG BOG AUDUBON NATURE PRESERVE

Allenberg Bog is also known to some as Waterman's Swamp, Congdon's Pond, and Owlensburg Bog and is on the border of the towns of Napoli and New Albion, New York in Cattaraugus County. A unique and fascinating refuge of 390 acres, it is the jewel of the Buffalo Audubon Preserve System. Even before the first parcels joined Audubon's preserve holdings in 1957, the area was famous among botanists for its wild orchids, more than 30 species of liverworts, nearly 60 species of mosses, and approximately 258 species of vascular plants. It should be noted that any collecting of any plants in this or any of our refuges is strictly prohibited. Please respect the purposes behind "Preserves."

### Plant List:

#### Liverworts

##### Family Ptilidiaceae

*Trichocolea tomentella*

##### Family Lepidoziaceae

*Bazzania trilobata*

##### Family Calypogeiaceae

*Calypogeia neesiana*

*Calypogeia sphagnicola*

*Calypogeia trichomanis*

##### Family Cephaloziaceae

*Cephalozia connivens*

*Cephalozia media*

*Cladopodiella fluitans*

##### Family Jungermanniaceae

*Lophoxia gracilis*

*Jamesoniella autumnalis*

*Plectocolea crenulata*

##### Family Harpantaceae

*Lophocolea heterophylla*

*Chiloscyphus pallescens*

*Harpanthus scutatus*

*Geocalyx graveolans*

##### Family Porellaceae

*Porella platyphylloides*

##### Family Radulaceae

*Radula complanata*

##### Family Frullaniaceae

*Frullania asagrayana*

*Frullania brittoniae*

*Frullania eboracensis*

*Frullania oakesiana*

*Frullania tamirisci*

##### Family Pelliaceae

*Pellia jabbroniana*

Family Pallavicniaceae  
*Pallavicinia lyelli*

Family Riccardiaceae  
*Riccardia latrifons*  
*Riccardia multifida*

Family Marchantiaceae  
*Marchantia polymorpha*

Family Ricciaceae  
*Ricciocarpus natans*

Mosses

Family Sphagnaceae  
*Sphagnum capillaceum*  
*Sphagnum cuspidatum*  
*Sphagnum jimbriatum*  
*Sphagnum fuscum*  
*Sphagnum girgensohnii*  
*Sphagnum magellanicum*  
*Sphagnum palustre*  
*Sphagnum recurvum*  
*Sphagnum squarrosum*  
*Sphagnum teres*

Family Fissidentaceae  
*Fissidens cristatus*  
*Fissidens minutulus*

Family Dicranaceae  
*Dicranum fulvum* var. *viride*  
*Dicranum rugosum*  
*Dicranum montanum*

Family Leucobryaceae  
*Leucobryum glaucum*

Family Tetrarhizaceae  
*Tetrarhiza pellucida*

Family Bryaceae  
*Rhodobryum roseum*

Family Mniaceae  
*Mnium cinclidioides*  
*Mnium cuspidatum*  
*Mnium punctatum*

Family Aulacomniaceae  
*Aulacomnium palustre*

Family Bartramiaceae  
*Philonotis fontana*

Family Orthotrichaceae  
*Ulota crispa*  
*Ulota ludwigii*

Family Climaciaceae

*Climacium americanum* var. *kindbergii*  
*Climacium dendroides*  
Family Leucodontaceae  
*Leucodon sciuroides*  
Family Neckeraceae  
*Neckera pennata*  
Family Thuidaceae  
*Anomodon minor*  
*Anomodon rugelii*  
*Thuidium delicatulum*  
Family Amblystegiaceae  
*Calliergon cordifolium*  
*Calliergon giganteum*  
*Calliergon stramineum*  
*Calliergonella cuspidate*  
*Campylium stellatum*  
*Drepanocladus fluitans*  
*Hygroamblystegium fluviatile*  
*Leptodictyum riparium*  
*Leptodictyum trichopodium*  
Family Brachytheciaceae  
*Brachythecium reflexum*  
*Brachythecium starkei*  
*Brachythecium velutinum*  
*Bryhnia novae-angliae*  
*Chamberlainia cyrtophylla*  
Family Entodontaceae  
*Entodon seductrix*  
Family Plagiotheciaceae  
*Plagiothecium denticulatum*  
*Brotherella recurvans*  
Family Sematophyllaceae  
*Heterophyllum haldanianum*  
Family Hypnaceae  
*Homomallium adnatum*  
*Hypnum curvifolium*  
*Platygyrium repens*  
*Ptilum crista-castrensis*  
*Pylaisia selwynii*  
Family Hylocomiaceae  
*Hylocomium splendens*  
Family Polytrichaceae  
*Polytrichum commune*  
*Polytrichum ohioense*  
Vascular Plants  
Family Equisetaceae

- Wood Horsetail, *Equisetum sylvaticum* var. *multiramosum*
- Family Osmundaceae
  - Cinnamon fern, *Osmunda cinnamomea*
  - Interrupted Fern, *Osmunda claytoniana*\*
  - Royal Fern, *Osmunda regalis* var. *spectabilis*
- Family Dennstaedtiaceae
  - Hay-scented Fern, *Dennstaedtis punctilobula*
  - Eastern Bracken Fern, *Pteridium aquilinum* var. *laticulum*
- Family Thelypteridaceae
  - New York Fern, *Thelypteris noveboracensis*
  - Marsh Fern, *Thelypteris palustris* var. *pubscens*
- Family Dryopteridaceae
  - Fancy Fern, *Dryopteris intermedia*
  - Sensitive Fern, *Onoclea sensibilis*
  - Marsh Fern, *Dryopteris thelypteris*
  - Crested Wood-fern, *Dryopteris cristata*
  - Goldie's Fern, *Dryopteris goldiana*
  - Spinulose Wood-fern, *Dryopteris spinulosa*
  - Marginal Shield-fern, *Dryopteris marginalis*
- Family Polypodiaceae
  - Christmas Fern, *Polystichum acrostichoides*
  - Holly Fern, *Polystichum lonchitis*
  - Polypody Fern, *Polypodium virginianum*
  - ? Silvery Spleenwort, *Athyrium thelypteroides*
  - Lady-fern, *Athyrium filix-femina*
  - Maidenhair Fern, *Adiantum pedatum*
- Family Lycopodiaceae
  - Shining Club-moss, *Lycopodium lucidulum*
  - Stiff Club-moss, *Lycopodium annotinum*
  - Tree Club-moss, *Lycopodium obscurum*
  - Running Pine, *Lycopodium digitatum*\*
  - Common Club-moss, *Lycopodium clavatum*
  - Ground Pine, *Lycopodium complanatum* var. *flabelliforme*
- Family Ophioglossaceae
  - Grape Fern, *Botrychium dissectum*
  - Rattlesnake Fern, *Botrychium virginianum*
- Family Taxaceae
  - Ground Hemlock or Yew, *Taxus canadensis*
- Family Pinaceae
  - Eastern Hemlock, *Tsuga canadensis*
  - Black Spruce, *Picea mariana*
  - Tamarack, *Larix americana*
  - White Pine, *Pinus strobus*
  - Balsam Fir, *Abies balsamea*
- Family Magnoliaceae
  - Cucumber-tree, *Magnolia acuminata*

Family Nymphaeaceae  
White Pond-lily, *Nymphaea odorata*

Family Ranunculaceae  
Goldthread, *Coptis trifolia groenlandica*

Family Fagaceae  
American Beech, *Fagus grandifolia*

Family Betulaceae  
Blue (Water) Beech, *Carpinus caroliniana*  
Black Birch, *Betula lenta*  
Yellow Birch, *Betula alleghaniensis*

Family Clusiaceae  
Marsh St. John's Wort, *Triadenum virginicum*

Family Malvaceae  
Musk Mallow, *Malva moschata*

Family Sarraceniaceae  
Pitcher Plant, *Sarracenia purpurea*

Family Droseraceae  
Round-leaved Sundew, *Drosera rotundifolia*

Family Salicaceae  
Quaking Aspen, *Populus tremuloides*

Family Ericaceae  
Labrador Tea, *Ledum groenlandicum*  
Great Laurel, *Rhododendron maximum*  
Purple Honeysuckle, *Rhododendron nudiflorum*  
Bog Rosemary, *Andromeda polifolia*  
Leather-leaf, *Chamaedaphne calyculata* var. *angustifolia*  
Small Cranberry, *Vaccinium oxycoccos*  
Large Cranberry, *Vaccinium macrocarpon*  
Teaberry, *Gaultheria procumbens*  
Creeping Snowberry, *Gaultheria hispidula*  
Black Huckleberry, *Gaylussacia baccata*  
High Bush Blueberry, *Vaccinium caesariense*  
Sour-top Blueberry, *Vaccinium myrtilloides*  
Sweet Blueberry, *Vaccinium angustifolium*

Family Monotropaceae  
Indian Pipe, *Monotropa uniflora*

Family Primulaceae  
Starflower, *Trientalis borealis*

Family Rosaceae  
Common Apple, *Malus sylvestris*  
Mountain Ash, *Sorbus americana*  
Cinquefoil, *Potentilla* sp.  
Dewberry, *Rubus flagellaris*  
Dalibarda, *Dalibarda repens*  
Wild Black Cherry, *Prunus serotina*  
Black Chokecherry, *Aronia melanocarpa*

Family Fabaceae  
Birdsfoot Trefoil, *Lotus corniculatus*

Family Lythraceae  
Swamp Loosestrife or Water-willow, *Decodon verticillatus*

Family Aquifoliaceae  
Winterberry or Bog Holly, *Ilex verticillata*

Family Aceraceae  
Striped Maple, *Acer pennsylvanicum*  
Sugar Maple, *Acer saccharum*  
Red Maple, *Acer rubrum*

Family Oxalidaceae  
Common Wood-Sorrel, *Oxalis acetosella*

Family Balsaminaceae  
Spotted Touch-me-not, *Impatiens capensis*

Family Araliaceae  
Wild Sarsaparilla, *Aralia nudicaulis*

Family Apiaceae  
Wild Carrot, *Daucus carota*

Family Apocynaceae  
Spreading Dogbane, *Apocynum androsaemifolium*

Family Menyanthaceae  
Buckbean, *Menyanthes trifoliata*

Family Verbenaceae  
Blue Vervain, *Verbena hastata*

Family Lamiaceae  
Heal-all, *Prunella vulgaris*

Family Rubiaceae  
Partridge-berry, *Mitchella repens*

Family Caprifoliaceae  
Hobblebush, *Viburnum lantanoides*  
Witherod or Wild Raisin, *Viburnum cassinoides*  
Arrowwood, *Viburnum recognitum*  
Common Elderberry, *Sambucus canadensis*

Family Asteraceae  
Black-eyed Susan, *Rudbeckia hirta* var. *pulcherima*  
Common Yarrow, *Achillea millifolium*  
Pineapple-weed, *Matricaria matricarioides*  
Ox-eye Daisy, *Leucanthemum vulgare*  
Great Burdock, *Arctium lappa*  
Common Chicory, *Cichorium intybus*

Family Araceae  
Wild Calla, *Calla palustris*  
Jack-in-the-pulpit, *Arisaema triphyllum*

Family Lemnaceae  
Duckweed, *Lemna minor*  
*Spirodela polyrhiza*

Family Juncaceae  
     Bog Rush, *Juncus canadensis*  
 Family Xyridaceae  
     Carolina Yellow-eyed Grass, *Xyris caroliniana*  
 Family Cyperaceae (not complete list)  
     Cotton-grass, *Eriophorum* sp. (*spissum* most common)  
     Sedge, *Carex paupercula*  
     *Carex crinita*  
     *Carex canescens*  
 Family Poaceae (not complete list)  
     Bluejoint Grass, *Calamagrostis canadensis*  
     Timothy, *Phleum pratense*  
 Family Typhaceae  
     Broad-leaved Cattail, *Typha latifolia*  
 Family Sparganiaceae  
     American Bur-reed, *Sparganium americanum*  
     Green Fruited Bur-reed, *Sparganium chlorocarpum*  
 Family Liliaceae  
     Yellow Clintonia, *Clintonia borealis*  
     False Lily-of-the-Valley, *Maianthemum canadense*  
     Indian Cucumber-root, *Medeola virginiana*  
 Family Iridaceae  
     Narrow-leaved Blue-eyed Grass, *Sisyrinchium angustifolium*  
     Blue-flag, *Iris versicolor*  
 Family Orchidaceae  
     Moccasin Flower (Lady Slipper), *Cypripedium acaule*  
     Rose Pogonia, *Pogonia ophioglossoides*  
     Green Woodland Orchid, *Habenaria clavellata*  
     Round-leaved Orchid, *Habenaria orbiculata*  
     Ragged Orchid, *Habenaria lacera*  
     Small Purple Fringed Orchid, *Habenaria psycodes*  
     Swamp-Pink, *Calopogon pulchellus*  
     Swamp-Pink, *Arethusa bulbosa*  
     Southern Twayblade, *Listera australis*  
     Pale Coral-root, *Corallorrhiza trifida*  
     Common Ladies' Tresses, *Spiranthes cernua*  
  
     Foam Flower, *Tiarella cordifolia*  
     Twisted-stalk, *Streptopus roseus*  
     Stemless Yellow Violet, *Viola rotundifolia*  
 Grass Pink  
*Alnus rugosa*  
*Caltha palustris*  
*Geum rivale*  
*Thalictrum polygamum*

Bladderwort-Utricularia

*Nemopanthus mucronata*-Wild or Mountain Holly