

SAVERY POND SURVEY
Irina Kadis (Botanist, Arnold Arboretum)

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Floating Plants

Cabombaceae

Brasenia schreberi—watershield (dominant)

Lentibulariaceae

Utricularia macrorhiza (= *U. vulgaris*)—common bladderwort (dominant)

Menyanthaceae

Nymphoides cordata—floating heart (dominant)

Nymphaeaceae

Nymphaea odorata—white water-lily (dominant)

Nuphar variegata—yellow water-lily or spatterdock (common)

Potamogetonaceae

Potamogeton oakesianus—Oakes' pondweed (small-leaved, dominant in one area)

Waterfront/ Shore Herbaceous Plants

Asclepiadaceae

Asclepias incarnata ssp. *pulchra*—downy swamp milkweed (seen once, a couple plants with flower buds)

Asteraceae

Eupatorium perfoliatum—boneset or thoroughwort (scattered)

Hypochaeris radicata—cat's ears (**invasive**; common)

Balsaminaceae

Impatiens capensis—orange touch-me-not (common)

Blechnaceae

Woodwardia virginica—Virginia chain fern (dominant)

Campanulaceae

Lobelia dortmanna—water lobelia (seen once, a single plant in flower)

Caprifoliaceae

Sambucus canadensis —black elderberry (scattered)

Cyperaceae

Carex scoparia—broom sedge (scattered)

Cyperus dentatus—pondshore flatsedge (seen once)

Scirpus cyperinus—common bulrush (common in one corner of pond)

Scirpus pungens—common threesquare (sporadic)

Droseraceae

Drosera rotundifolia—roundleaf sundew (one clump observed)

Fabaceae

Apios americana—groundnut (common)

Iridaceae

[*Iris pseudacorus*—yellow iris (**invasive**; perhaps occurs, did not see)]

Iris versicolor—blueflag (common)

Juncaceae

Juncus bufonius—toad rush (seen once)

Juncus effusus—soft rush (scattered)

Juncus militaris—bayonet rush (dominant)

Liliaceae

Hemerocallis fulva —orange daylily (aggressive non-native plant, seen escaped from cultivation)

Lythraceae

Decodon verticillatus—water-willow (dominant)

Melastomataceae

Rhexia virginica—meadowbeauty (one large clump observed; mowed by owner, very low)

Onagraceae

Oenothera biennis—common evening primrose (scattered)

Osmundaceae

Osmunda cinnamomea—cinnamon fern (uncommon)

Poaceae

Calamagrostis canadensis—Canada bluejoint (a few clumps)

Dichanthelium acuminatum var. *fasciculatum*—fascicled panic grass (scattered)

Dichanthelium clandestinum—deertongue (scattered)

Holcus lanatus—velvet grass (non-native; seen once, close to water)

Phragmites australis—phragmites (**invasive**; 3 small clumps)

Vulpia myuros—hairy mouse-tail fescue (introduced, seen once)

Pontederiaceae

Pontederia cordata —pickerel weed (dominant)

Rubiaceae

Galium mollugo—white bedstraw (non-native; scattered)

Scrophulariaceae

Gratiola aurea—yellow hedge hyssop (sometimes dominant at waterfront)

Nuttallanthus canadensis—blue toadflax (scattered)

Typhaceae

Typha angustifolia—narrowleaf cattail (non-native; one small clump seen)

Waterfront/ Shore Shrubs, Woody Vines, and Trees

Aceraceae

Acer rubrum—red maple (dominant)

Anacardiaceae

Rhus vernix—poison sumac (seen once, spot inaccessible both on foot and in canoe)

Toxicodendron radicans—poison ivy (common)

Aquifoliaceae

Ilex verticillata—winterberry holly (dominant on one side of pond)

Betulaceae

Betula populifolia—gray birch (common)

Bignoniaceae

Campsis radicans—trumpet creeper (**invasive**; one infested area)

Caprifoliaceae

Lonicera japonica—Japanese honeysuckle (**invasive**; cultivated at some properties)

Lonicera morrowii—Morrow's honeysuckle (**invasive**; grown/encouraged at some properties)

Celastraceae

Celastrus orbiculatus—Oriental bittersweet (**invasive**; found once)

Ericaceae

Chamaedaphne calyculata—leatherleaf (noticed only one small clump at waterfront)

Lyonia ligustrina—maleberry (common)

Rhododendron viscosum—swamp azalea (common)

Vaccinium corymbosum—highbush blueberry (common)

Myricaceae

Myrica gale—sweet gale (dominant)

Myrica pensylvanica—bayberry (common)

Nyssaceae

Nyssa sylvatica—tupelo (dominant)

Rosaceae

Amelanchier canadensis—Canada shadbush (scattered)

Rosa multiflora—multiflora rose (**invasive**; uncommon)

Rosa palustris—swamp rose (one small clump seen)

Rubus hispidus— dewberry (common)

Salicaceae

Salix atrocinerea—rusty willow (**invasive**; common/dominant)

Salix cinerea—ash willow (**invasive**; seen once)

Salix integra 'Hakuro-Nishiki'—Japanese variegated cultivar at one property (cultivated, 1 large, 2 young)

Vitaceae

Vitis labrusca—fox grape (common)

Away from the Pond

Aceraceae

Acer platanoides—Norway maple (**invasive**; a few old trees planted near farm)

Acer pseudoplatanus—sycamore maple (**invasive**; seen one near farm with *A. platanoides*)

Anacardiaceae

Rhus glabra—smooth sumac (less common)

Rhus typhina—staghorn sumac (common)

Rhus copallina—winged sumac (common)

Toxicodendron radicans—poison ivy (common)

Apocynaceae

Apocynum androsaemifolium—pink dogbane (along Lake Rd.)

Aquifoliaceae

Ilex glabra—inkberry (cultivated at one property along Lake Rd.)

Araliaceae

Aralia nudicaulis—wild sarsaparilla (common in woods and along roads)

Hedera helix—English ivy (**invasive**; grown at some properties)

Asteraceae

Achillea millefolium—yarrow (non-native; along road)

Artemisia vulgaris—mugwort (**invasive**; one clump starting to spread along Lake Rd.)

Hieracium sabaudum—Savoy hawkweed (non-native aggressive plant; uncommon)

Heracium pratense—king-devil (**invasive**; was abundant at one property)

Hypochaeris radicata—cat's ears (**invasive**; rather common)

Lactuca canadensis—Canada lettuce (along road)

Prenanthes trifoliolata—rattlesnake root (common along Lake Rd.)

Berberidaceae

Berberis thunbergii—Japanese barberry (**invasive**; some found cultivated)

Podophyllum peltatum—mayapple (cultivated near farm, not native in MA)

Caprifoliaceae

Viburnum nudum var. *cassinoides*—wildraisin viburnum (a large group along Lake Rd.)

Sambucus canadensis —black elderberry (along road)

Celastraceae

Euonymus fortunei—winter creeper (non-native aggressive vine; seen once, on Norway maple with mayapple)

Cistaceae

Helianthemum canadense—rockrose (rather common along road)

Lechea maritima (scattered)
—beach pinweed (uncommon)

Cupressaceae

Juniperus virginiana—red cedar (uncommon, observed declining due to diminished light)

Dennstaedtiaceae

Pteridium aquilinum—bracken fern (common in woods)

Ericaceae

Epigaea repens—mayflower or trailing arbutus (scattered)

Gaultheria procumbens—wintergreen, checkerberry (common in woods)

Gaylussacia baccata—huckleberry (common along Lake Rd.)

Gaylussacia frondosa—dangleberry (dominant)

Vaccinium angustifolium—lowbush blueberry (common)

Vaccinium pallidum—hillside blueberry (dominant)

Fabaceae

Baptisia tinctoria—yellow wild indigo (common and spreading along Lake Rd.)

Lespedeza hirta—hairy bushclover (common along Lake Rd.)

Robinia pseudoacacia —black locust (**invasive**; a few generations, spreading from old plantings near farm)

Fagaceae

Quercus alba—white oak

Quercus coccinea—scarlet oak

[*Quercus ilicifolia*—scrub oak (did not see, but assumed to be around)]

Quercus rubra—red oak

Quercus velutina—black oak

Lauraceae

Sassafras albidum—sassafras (common; grove of very large trees at one property)

Liliaceae

Maianthemum canadense—Canada mayflower (in woods)

Uvularia sessilifolia—ittle merrybells (in woods)

Hemerocallis fulva—orange daylily (non-native, aggressive, spreading, commonly cultivated)

Orchidaceae

Epipactis helleborine—helleborine (non-native aggressive orchid; seen spreading at two adjacent lots)

Pinaceae

Abies balsamifera—balsam fir (one tree planted near farm)

Picea abies—Norway spruce (non-native aggressive tree introduced to some properties)

Pinus rigida—pitch pine (scattered groups)

Pinus strobus—white pine (scattered)

Plantaginaceae

Plantago lanceolata—English or narrow-leaved plantain (**invasive**; spreading along Lake Rd.)

Plantago major—common plantain (non-native; along Lake Rd.)

Poaceae

Anthoxanthum odoratum—sweet vernalgrass (non-native, aggressive; common)

Dactylis glomerata—orchard grass (non-native; common)

Danthonia compressa—trail oatgrass (common/dominant in gardens and on lake Rd.)

Deschampsia flexuosa—common hairgrass (common in woods, in gardens, on open land)

Phleum pratense —tymothy (seen along road)

Polygalaceae

Polygala polygama—racemed milkwort (covering entire dry slope at one property; otherwise not seen)

Polygonaceae

Rumex acetosella—sheep sorrel (**invasive**; scattered)

Rosaceae

Aronia melanocarpa —black chokeberry (in woods, along roads)

Fragaria virginiana—strawberry (one clump along Lake Rd.)

Potentilla canadensis—five-fingers or dwarf cinquefoil (common)

Potentilla simplex—oldfield cinquefoil (common)

Rubus allegheniensis—common blackberry (along road)

Salicaceae

Populus alba—white or silver poplar (**invasive**; single large tree, planted near farm)

Populus grandidentata—bigtooth aspen (common)

Populus tremuloides—trembling aspen (less common)

Populus x berolinensis—cultivated (a row of large trees near farm)

Salix atrocinnerea—rusty willow (**invasive**; scattered)

Scrophulariaceae

Melampyrum lineare—cow-wheat (along Lake Rd.)

Verbascum thapsus—common mullein (**invasive**; seen once)

Smilacaceae

Smilax glauca—sawbrier (common)

Smilax rotundifolia—greenbrier (common)

Violaceae

Viola sagittata—arrowleaf violet (along Lake Rd.)

Vitaceae

Parthenocissus quinquefolia—Virginia creeper (in woods and along roads)