

## Appendix D: Vegetation Survey; the Rolf E. Sylvan Gardens Flora List

### NATIVE PLANTS

<b>Common Name</b>	<b>Scientific Name</b>	<b>Habitat</b>
Common yarrow	<i>Achillea millefolium</i>	fields, edges
Bentgrass	<i>Agrostis sp.</i>	fields, edges
Smooth alder	<i>Alnus serrulata</i>	pond shoreline
Ragweed	<i>Ambrosia artemisiifolia</i>	fields, edges
Downy shadbush	<i>Amelanchier arborea</i>	edges
Eastern shadbush	<i>Amelanchier canadensis</i>	woodlands, edges
Smooth shadbush	<i>Amelanchier laevis</i>	edges
Broomsedge	<i>Andropogon virginicus</i>	dry edge near shoreline
Wood windflower	<i>Anemone quinquefolia</i>	woodlands
Gray birch	<i>Betula populifolia</i>	woodlands
Devil's beggar-ticks	<i>Bidens frondosa</i>	pond shoreline, edges
Canada reed grass	<i>Calamagrostis canadensis</i>	pond shoreline
Fibrous-rooted sedge	<i>Carex communis</i>	woodlands, edges
Fringed sedge	<i>Carex crinita</i>	pond shoreline
Pennsylvania sedge	<i>Carex pensylvanica</i>	woodlands, edges
Swan's sedge	<i>Carex swanii</i>	woodlands, edges
Pignut hickory	<i>Carya glabra</i>	woodlands
Button-bush	<i>Cephalanthus occidentalis</i>	pond shoreline
Summersweet	<i>Clethra alnifolia</i>	woodlands
Sweet fern	<i>Comptonia peregrina</i>	fields, edges
Canada fleabane	<i>Conyza canadensis</i>	fields, edges
Rose coreopsis	<i>Coreopsis rosea</i>	pond shoreline
American hazelnut	<i>Corylus americana</i>	woodlands, edges
Poverty oatgrass	<i>Danthonia spicata</i>	woodlands, edges
Swamp loosestrife	<i>Decodon verticillatus</i>	pond shoreline
Hay-scented fern	<i>Dennstaedtia punctilobula</i>	edges
Wavy hairgrass	<i>Deschampsia flexuosa</i>	woodlands, edges
Hairy rosette-panicgrass	<i>Dichanthelium acuminatum</i>	field, edges
Deertongue grass	<i>Dichanthelium clandestinum</i>	edges
Spatulate-leaved sundew	<i>Drosera intermedia</i>	pond shoreline
Evergreen woodfern	<i>Dryopteris intermedia</i>	edges
Trailing arbutus	<i>Epigaea repens</i>	woodland opening
Willow-herb	<i>Epilobium sp.</i>	moist field
Purple lovegrass	<i>Eragrostis spectabilis</i>	fields, edges
Seven-angled pipewort	<i>Eriocaulon aquaticum</i>	pond shoreline
Trout lily	<i>Erythronium americanum</i>	woodland opening
Swamp leucothoe	<i>Eubotrys racemosa</i>	pond shoreline
Boneset	<i>Eupatorium perfoliatum</i>	pond shoreline
Slender goldtop	<i>Euthamia tenuifolia</i>	fields, edges, pond shoreline
Grass-leaved goldenrod	<i>Euthamia graminifolia</i>	fields, edges
American beech	<i>Fagus grandifolia</i>	woodlands
Wild strawberry	<i>Fragaria virginiana</i>	fields, edges
Stiff three-petaled bedstraw	<i>Galium tinctorium</i>	pond shoreline
Black huckleberry	<i>Gaylussacia baccata</i>	woodlands, edges
White avens	<i>Geum canadense</i>	fields, edges

**NATIVE PLANTS, continued**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Habitat</b>
Golden hedge-hyssop	<i>Gratiola aurea</i>	pond shoreline
Lesser Canada St. John's-wort	<i>Hypericum canadense</i>	pond shoreline
American holly	<i>Ilex opaca</i>	woodlands
Winterberry	<i>Ilex verticillata</i>	marsh
Jewel weed	<i>Impatiens capensis</i>	moist ditch
Common soft-rush	<i>Juncus effusus</i>	fields, edges, pond
Path rush	<i>Juncus tenuis</i>	dry fields
Red cedar	<i>Juniperus virginiana</i>	dry fields
Round-headed bush clover	<i>Lespedeza capitata</i>	dry fields
Maleberry	<i>Lyonia ligustrina</i>	pond shoreline
Four-flowered yellow-loosestrife	<i>Lysimachia quadriflora</i>	fields, edges
Canada mayflower	<i>Maianthemum canadense</i>	woodlands
Indian pipes	<i>Monotropa uniflora</i>	woodlands
Bayberry	<i>Myrica pensylvanica</i>	pond shoreline
Bullhead pond-lily	<i>Nuphar variegata</i>	pond
Black tupelo	<i>Nyssa sylvatica</i>	woodlands, edges
Evening primrose	<i>Oenothera biennis</i>	dry fields
Sensitive fern	<i>Onoclea sensibilis</i>	moist edges and openings
Common yellow wood sorrel	<i>Oxalis stricta</i>	fields, edges, woodlands
New York fern	<i>Parathelypteris noveboracensis</i>	edges
Virginia creeper	<i>Parthenocissus quinquefolia</i>	woodlands, edges
False water-pepper smartweed	<i>Persicaria hydropiperoides</i>	pond shoreline
American pokeweed	<i>Phytolacca americana</i>	fields, edges
Pitch pine	<i>Pinus rigida</i>	woodlands
White pine	<i>Pinus strobus</i>	woodlands
Blood milkwort	<i>Polygala sanguinea</i>	pond shoreline
Pickeralweed	<i>Pontederia cordata</i>	pond shoreline
Dwarf cinquefoil	<i>Potentilla canadensis</i>	dry edges
Old-field cinquefoil	<i>Potentilla simplex</i>	fields, edges
Black cherry	<i>Prunus serotina</i>	woodlands
Macoun's rabbit-tobacco	<i>Pseudognaphalium macounii</i>	fields, edges
White oak	<i>Quercus alba</i>	woodlands
Scarlet oak	<i>Quercus coccinea</i>	woodlands, edges
Scrub oak	<i>Quercus ilicifolia</i>	sandy field edge
Black oak	<i>Quercus velutina</i>	woodlands, edges
Swamp azalea	<i>Rhododendron viscosum</i>	marsh, woodland edges
Swamp rose	<i>Rosa palustris</i>	moist ditch
Virginia rose	<i>Rosa virginiana</i>	pond shoreline
Common blackberry	<i>Rubus allegheniensis</i>	fields, edges
Dewberry	<i>Rubus flagellaris</i>	fields, edges
Swamp dewberry	<i>Rubus hispidus</i>	fields, edges
Red raspberry	<i>Rubus idaeus</i>	fields, edges
Black raspberry	<i>Rubus occidentalis</i>	woodlands, edges
Great water dock	<i>Rumex britannica</i>	pond shoreline
Plymouth gentian *	<i>Sabatia kennedyana</i>	pond shoreline
Black elderberry	<i>Sambucus canadensis</i>	edges
Little bluestem	<i>Schizachyrium scoparium</i>	dry fields

**NATIVE PLANTS, continued**

Chair-makers rush	<i>Schoenoplectus americanus</i>	pond shoreline
Soft-stemmed bulrush	<i>Schoenoplectus tabernaemontani</i>	pond shoreline
Water parsnip	<i>Sium suave</i>	pond shoreline
Sawbrier	<i>Smilax glauca</i>	edges
Bullbrier	<i>Smilax rotundifolia</i>	woodlands
White goldenrod	<i>Solidago bicolor</i>	fields, edges
Gray goldenrod	<i>Solidago nemoralis</i>	dry fields
Rough-stemmed goldenrod	<i>Solidago rugosa</i>	fields, edges
Alternate-leaved dogwood	<i>Swida alternifolia</i>	woodlands, edges
Bushy American aster	<i>Symphotrichum dumosum</i>	fields, edges
Marsh fern	<i>Thelypteris palustris</i>	pond shoreline
American linden	<i>Tilia americana</i>	woodlands
Poison ivy	<i>Toxicodendron radicans</i>	ubiquitous
Star flower	<i>Trientalis borealis</i>	woodlands, edges
Lowbush blueberry	<i>Vaccinium angustifolium</i>	woodlands, edges
Highbush blueberry	<i>Vaccinium corybosum</i>	moist field
Withe-rod viburnum	<i>Viburnum nudum var. cassinoides</i>	woodlands
Arrow-wood	<i>Viburnum recognitum</i>	edges
Fox grape	<i>Vitis labrusca</i>	edges

**NON-NATIVE PLANTS including ornamental plants of interest**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Habitat</b>
Balsam fir ***	<i>Abies balsamea</i>	woodlands
Japanese maple	<i>Acer palmatum</i>	woodlands
Horse chestnut	<i>Aesculus hippocastanum</i>	horse chestnut
Mimosa	<i>Albizia julibrissin</i>	woodland edge
Common mugwort **	<i>Artemisia vulgaris</i>	edges
Common boxwood	<i>Buxus sempervirens</i>	woodlands, edges
Boxwood	<i>Buxus spp.</i>	woodlands, edges
Trumpet creeper **	<i>Campsis radicans</i>	fields, edges
Cedar of Lebanon	<i>Cedrus libani</i>	woodlands
Mouse-eared chickweed	<i>Cerastium fontanum</i>	fields, edges
Celandine	<i>Chelidonium majus</i>	fields, edges
Chicory	<i>Cichorium intybus</i>	fields
Spreading cotoneaster	<i>Cotoneaster divaricatus</i>	woodlands, edges
Japanese cryptomeria	<i>Cryptomeria japonica</i>	woodlands
Cyclamen	<i>Cyclamen sp.</i>	woodlands
Orchard grass	<i>Dactylis glomerata</i>	edges
Wild carrot **	<i>Daucus carota</i>	fields, edges
Deptford pink	<i>Dianthus armeria</i>	fields, edges
Smooth crabgrass	<i>Digitaria ischaemum</i>	field, edges
Enkianthus	<i>Enkianthus campanulatus</i>	woodlands
European beech	<i>Fagus sylvatica</i>	woodlands
Forsythia	<i>Forsythia viridissima</i>	woodlands, edges
Snowdrops	<i>Galanthus nivalis</i>	woodlands
Honey-locust	<i>Gleditsia triacanthos</i>	edges
Daylily	<i>Heemerocallis sp.</i>	woodlands, edges
Orange hawkweed	<i>Hieracium aurantiacum</i>	fields, edges

**NON-NATIVE PLANTS including ornamental plants of interest, continued**

Common hawkweed	<i>Hieracium lachenalii</i>	fields, edges
Mouse-eared hawkweed	<i>Hieracium pilosella</i>	fields, edges
Glaucous hawkweed	<i>Hieracium piloselloides</i>	fields, edges
Common velvet grass	<i>Holcus lanatus</i>	pond shoreline
Bigleaf hydrangea	<i>Hydrangea macrophylla</i>	woodlands, edges
Common St. Johnswort	<i>Hypericum perforatum</i>	fields, edges
Hairy cat's-ear	<i>Hypochaeris radicata</i>	fields, edges
Japanese holly	<i>Ilex crenata</i>	woodlands, edges
Nelly Stevens holly	<i>Ilex x Nelly R. Stevens</i>	woodlands
Japanese heartnut	<i>Juglans ailantifolia</i>	woodlands, edges
Drooping leucothoe	<i>Leucothoe fontanesiana</i>	woodlands
Tuliptree ***	<i>Liriodendron tulipifera</i>	woodland opening
Liriope	<i>Liriope sp.</i>	edges
Moneyplant **	<i>Lunaria annua</i>	woodlands, edges
Saucer magnolia	<i>Magnolia soulangiana</i>	woodlands
Daffodil	<i>Narcissus sp.</i>	woodlands
Norway spruce	<i>Picea abies</i>	woodlands
Colorado spruce	<i>Picea pungens</i>	woodlands
Mountain fetter-bush	<i>Pieris floribunda</i>	woodlands
Japanese andromeda	<i>Pieris japonica</i>	woodlands
Japanese red pine	<i>Pinus densiflora</i>	woodlands
English plantain	<i>Plantago lanceolata</i>	dry fields
Common plantain	<i>Plantago major</i>	fields, edges
Solomon's-seal ***	<i>Polygonatum biflorum</i>	edges
Sour cherry	<i>Prunus cerasus</i>	edges
Weeping cherry	<i>Prunus cf. pendulus</i>	woodlands
English oak	<i>Quercus robur</i>	woodlands
Bulbous buttercup	<i>Ranunculus bulbosus</i>	fields, edges
Rosebay rhododendron * ***	<i>Rhododendron maximum</i>	woodlands
Rhododendrons/azaleas	<i>Rhododendron spp.</i>	woodlands, edges
Sheep sorrel	<i>Rumex acetosella</i>	fields, edges
Umbrella pine	<i>Sciadopitys verticillata</i>	woodlands
Japanese skimmia	<i>Skimmia japonica</i>	edges
European mountain ash	<i>Sorbus aucuparia</i>	edges
Lilac	<i>Syringa sp.</i>	edges
Common tansy	<i>Tanacetum vulgare</i>	fields, edges
Spreading English yew	<i>Taxus baccata repandens</i>	woodlands
Yew	<i>Taxus spp.</i>	woodlands, edges
Eastern arborvitae * ***	<i>Thuja occidentalis</i>	woodlands
Western red cedar	<i>Thuja plicata</i>	woodlands
Rabbit-foot clover	<i>Trifolium arvense</i>	field, edges
Red clover	<i>Trifolium pratense</i>	field, edges
Canadian hemlock ***	<i>Tsuga canadensis</i>	woodlands, edges
Common mullein **	<i>Verbascum thapsus</i>	dry fields

**NON-NATIVE PLANTS including ornamental plants of interest, continued**

Koreanspice viburnum	<i>Viburnum carlesii</i>	woodlands
Linden viburnum	<i>Viburnum dilatatum</i>	woodlands, edges
Japanese snowball	<i>Viburnum plicatum</i>	woodlands
Leatherleaf viburnum	<i>Viburnum rhytidophyllum</i>	woodlands
Bird vetch	<i>Vicia cracca</i>	fields, edges
Wisteria ****	<i>Wisteria sp.</i>	woodlands

**INVASIVE/AGRESSIVE PLANTS: non-native plants that can take over**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Habitat</b>
Norway maple *	<i>Acer platanoides</i>	woodlands
Sycamore maple *	<i>Acer pseudoplatanus</i>	woodlands
Wild garlic *	<i>Allium vineale</i>	fields, edges
Porcelainberry *	<i>Ampelopsis glandulosa</i>	fields, edges, woodlands
Japanese barberry *	<i>Berberis thunbergii</i>	woodlands
Oriental bittersweet *	<i>Celastrus orbiculatus</i>	fields, edges
Lily-of-the-valley **	<i>Convallaria majus</i>	woodlands
Scotch broom *	<i>Cytisus scoparius</i>	fields, edges
Autumn olive *	<i>Elaeagnus umbellata</i>	woodlands, edges
Burning bush *	<i>Eunonymus alatus</i>	woodlands, edges
Japanese knotweed *	<i>Fallopia japonica</i>	moist meadows, thickets
English ivy **	<i>Hedera helix</i>	ubiquitous
Dame's rocket *	<i>Hesperis matronalis</i>	fields, edges
False lamium **	<i>Lamium galeobdolon</i>	woodlands, edges
Privet *	<i>Ligustrum sp.</i>	woodlands, edges
Japanese honeysuckle *	<i>Lonicera japonica</i>	ubiquitous
Shrub honeysuckle *	<i>Lonicera morrowii</i> or <i>L. tartarica</i>	ubiquitous
Pachysandra ****	<i>Pachysandra terminalis</i>	woodlands
Common reed *	<i>Phragmites australis</i> var. <i>australis</i>	pond shoreline
Black locust *	<i>Robinia pseudoacacia</i>	woodlands, edges
Multiflora rose *	<i>Rosa multiflora</i>	edges
Wineberry *	<i>Rubus phoenicolasius</i>	fields, edges
Grey willow *	<i>Salix cinerea</i>	pond shoreline
Periwinkle ****	<i>Vinca minor</i>	woodlands

\* Indicates a state-listed species

\* This plant is on the Invasive Plant Atlas of New England (IPANE) list

\*\* This plant is on the Noxious Weed List in other states

\*\*\* This plant is native elsewhere in Massachusetts; introduced here

\*\*\*\* This plant can be weedy or affect other plants, if not managed



