

APPENDIX C

Vascular Plant Species of the Upland Forests

This Appendix lists all of the vascular plant taxa found and identified within the 76 upland forest plots within the Mary Flagler Cary Arboretum. Nomenclature follows Gleason and Cronquist (1963) except where noted. Introduced species (non-native to the northeastern U.S.) are indicated by "(I)".

ACERACEAE

Acer sp.
Acer pennsylvanicum
Acer rubrum
Acer saccharinum
Acer saccharum

ALISMACEAE

Alisma plantago-aquatica

ANACARDIACEAE

Rhus glabra
Rhus radicans

APOCYNACEAE

Apocynum androsaemifolium

AQUIFOLIACEAE

Ilex verticillata

ARACEAE

Arisaema triphyllum
Symplocarpus sp.
Symplocarpus foetidus

ARALIACEAE

Aralia sp.
Aralia nudicaulis

BALSAMINACEAE

Impatiens sp.
Impatiens biflora

BERBERIDACEAE

Berberis sp.
Berberis thunbergii (I)
Berberis vulgaris (I)

BETULACEAE

Alnus rugosa
Betula lenta
Betula lutea

Betula populifolia
Carpinus caroliniana
Corylus americana
Corylus cornuta
Ostrya virginiana

CAMPANULACEAE

Triodanis perfoliata

CAPRIFOLIACEAE

Diervilla lonicera
Lonicera sp.
Lonicera dioica
Lonicera morrowi (I)
Lonicera tatarica (I)
Lonicera xylosteum (I)
Sambucus pubens
Viburnum acerifolium
Viburnum dentatum
Viburnum lentago
Viburnum prunifolium
Viburnum rafinesquianum

CARYOPHYLLACEAE

Cerastium vulgatum (I)
Paronychia sp.
Paronychia canadensis
Silene cucubalus (I)
Stellaria graminea (I)

CELASTRACEAE

Celastrus sp.
Euonymus alatus (I)

COMPOSITAE

Ambrosia artemisiifolia
Antennaria neglecta
Antennaria plantaginifolia
Aster sp.
Aster acuminatus
Aster blakei
Aster divaricatus
Aster infirmus
Aster macrophyllus
Erigeron sp.
Eupatorium rugosum
Hieracium sp.
Hieracium paniculatum
Hieracium pratense (I)
Hieracium venosum
Lactuca sp.
Prenanthes sp.
Prenanthes alba
Senecio obovatus

Solidago sp.
Solidago caesia
Taraxacum officinale (I)

CONVOLVULACEAE

Convolvulus sp.
Convolvulus spithameus

CORNACEAE

Cornus alternifolia
Cornus florida
Cornus racemosa

CRUCIFERAE

Alliaria officinalis (I)
Arabis canadense
Arabis laevigata
Hesperis sp.

CUPRESSACEAE

Juniperus sp.
Juniperus virginiana

CYPERACEAE

Carex sp.
Carex caryophyllea (I)
Carex complanata var. hirsuta
Carex laxiflora
Carex mullenbergii
Carex mullenbergii w/Carex complanata var. hirsuta
Carex panicea (I)
Carex pennsylvanica
Carex platyphylla
Carex rosea
Carex stricta
Carex tenera
Carex tribuloides
Carex umbellata

EQUISETACEAE

Equisetum sylvaticum

ERICACEAE

Chimaphyla maculata
Gaultheria procumbens
Gaylussacia baccata
Kalmia latifolia
Monotropa hypopithys
Monotropa uniflora
Pyrola sp.
Pyrola elliptica
Rhododendron sp.
Rhododendron arborescens
Rhododendron nudiflorum

Rhododendron viscosum
Vaccinium sp.
Vaccinium angustifolium
Vaccinium corymbosus
Vaccinium stamineum
Vaccinium vacillans

FABACEAE

Amphicarpa bracteata
Desmodium sp.
Desmodium glutinosum
Desmodium nudiflorum
Lespedeza hirta
Baptisia tinctoria
Robinia sp.
Robinia pseudoacacia

FAGACEAE

Castanea sp.
Castanea dentata
Fagus grandifolia
Quercus alba
Quercus bicolor
Quercus borealis var. maxima (Quercus rubra)
Quercus illicifolia
Quercus prinus
Quercus venutina

GERANIACEAE

Geranium sp.
Geranium maculatum

GRAMINEAE

various species

HAMAMELIDACEAE

Hamamelis virginiana

HYPERICACEAE

Hypericum perforatum (1)
Hypericum punctatum

IRIDACEA

Hypoxis hirsuta
Sisyrinchium graminoides

JUGLANDACEAE

Carya glabra
Carya ovata
Carya tomentosa

JUNCACEAE

Juncus effusus
Juncus tenuis

Luzula campestris

LABIATAE

Lycopus sp.

Mentha sp.

Prunella vulgaris

Satureja vulgaris (1)

LAURACEAE

Lindera benzoin

Sassafras albidum

LILIACEAE

Lilium philadelphicum

Maianthemum canadense

Polygonatum biflorum

Polygonatum pubescens

Smilacina racemosa

Smilax rotundifolia

Trillium sp.

Trillium erectum

Uvularia perfoliata

Uvularia sessilifolia

LYCOPODIACEAE

Lycopodium clavatum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

MAGNOLIACEAE

Liriodendron tulipifera

OLEACEAE

Fraxinus sp.

Fraxinus americana

Fraxinus nigra

Fraxinus pennsylvanica

ONAGRACEAE

Circaea quadrisulcata

Epilobium coloratum

OPHIOGLOSSACEAE

Botrychium dissectum

Botrychium virginianum

ORCHIDACEAE

Corallorhiza maculata

Cypripedium sp.

Cypripedium acaule

Cypripedium reginae

Epipactis helleborine (1)

OSMUNDACEA

Osmunda cinnamomea
Osmunda claytoniana
Osmunda regalis

OXALIDACEAE

Oxalis stricta

PHRYMACEAE

Phryma leptostachya

PHYTOLACCACEAE

Phytolacca americana

PINACEAE

Picea glauca
Pinus resinosa
Pinus rigida
Pinus strobus
Tsuga canadensis

POLYGONACEAE

Polygonum caespitosum (I)
Polygonum convolvulus (I)
Polygonum sagittatum
Polygonum virginianum
Rumex acetosella

POLYPODIACEAE

Adiantum pedatum
Asplenium platyneuron
Athyrium felix-femina
Camptosorus sp.
Camptosorus rhizophyllus
Cystopteris fragilis
Dennstaedtia punctilobula
Dryopteris sp.
Dryopteris goldiana
Dryopteris marginalis
Thelypteris noveboracensis (Dryopteris noveboracensis)
Dryopteris austriaca (D. spinulosa)
Onoclea sensibilis
Polypodium sp.
Polypodium vulgare
Polystichum acrostichoides
Pteridium aquilinum
Thelypteris palustris

PRIMULACEAE

Lysimachia sp.
Lysimachia nummularia (I)
Lysimachia quadriflora
Lysimachia quadrifolia

RANUNCULACEAE

Actaea alba
Anemone quinquefolia
Anemonella thalictroides
Aquilegia sp.
Aquilegia canadensis
Hepatica sp.
Hepatica americana
Ranunculus abortivus
Ranunculus hispidus
Ranunculus recurvatus
Thalictrum polygamum

RHAMNACEAE

Ceanothus americanus
Rhamnus catharticus (I)
Rhamnus lanceolatus

ROSACEAE

Agrimonia sp.
Agrimonia gryposepala
Agrimonia rostellata
Amelanchier sp.
Crataegus sp.
Fragaria virginiana
Geum sp.
Geum canadense
Potentilla simplex
Prunus avium
Prunus serotina
Prunus virginiana
Rosa sp.
Rosa carolina
Rosa multiflora (I)
Rosa palustris
Rosa virginiana
Rubus sp.
Rubus allegheniensis
Rubus flagellaris
Rubus occidentalis
Spiraea latifolia

RUBIACEAE

Galium sp.
Galium aparine
Galium circaezans
Galium lanceolatum
Galium mullugo (I)
Galium palustre
Galium pilosum
Galium triflorum
Mitchella repens

SALICACEAE

Populus deltoides
Populus grandidentata

SANTALACEAE

Comandra umbellata

SAXIFRAGACEAE

Chrysosplenium americanum
Ribes glandulosum
Saxafraga virginensis

SCROPHULARIACEAE

Aureolaria virginica
Chelone glabra
Melampyrum lineare
Penstemon sp.
Penstemon digitalis
Verbascum thapsus (I)
Veronica sp.
Veronica officinalis

SOLANACEAE

Solanum dulcamara (I)

TILIACEAE

Tilia americana

ULMACEAE

Ulmus americana

UMBELLIFERAE

Cryptotaenia canadensis
Hydrocotyle americana
Osmorhiza claytoni
Sanicula marilandica

URTICACEAE

Boehmeria cylindrica
Pilea pumila

VIOLACEAE

Viola sp.
Viola adunca
Viola pallens
Viola palmata
Viola pubescens

VITACEAE

Parthenocissus quinquefolia
Vitis sp.
Vitis aestivalis