# Appendix A


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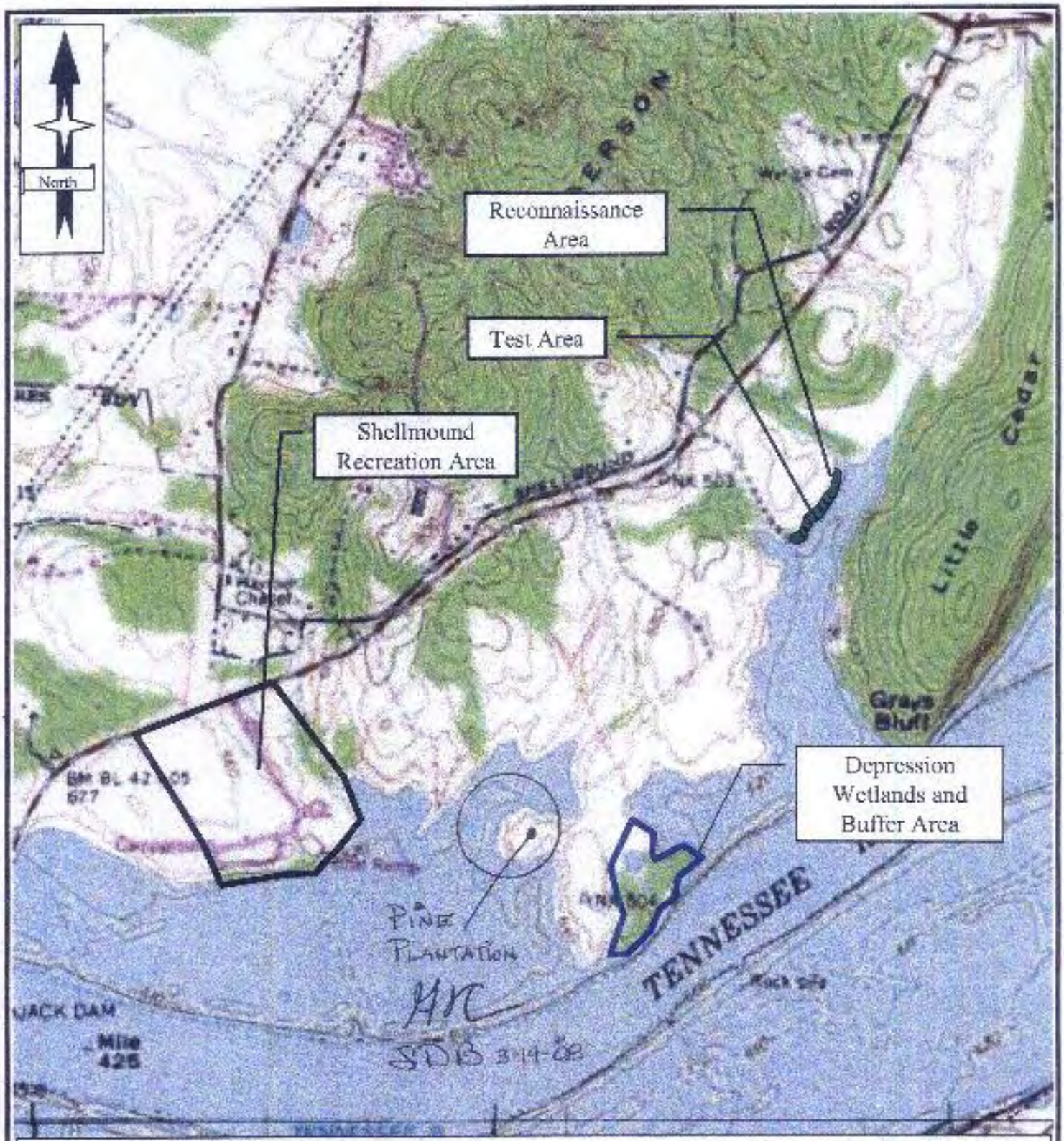
|---|---|
| **Figure 1:** | **Site Vicinity Map** |
| **Figure 2:** | **Property Boundary** |
| **Figure 3:** | **Existing Conditions** |
| **Figure 4:** | **Representative Photographs of Existing Conditions** |
| **Figure 5:** | **Map (Use of Gyro Trac)** |

| | | | |
|---|---|---|---|
| Scale: NTS | S&ME | SITE VICINITY MAP<br>Nickajack Shores Development<br>Jasper, Tennessee | Figure<br>1 |
| Checked By: SJL | | | |
| Date: 05/22/06 | | Project No.: 1464-06-018 | |

| | | | |
|---|---|---|---|
| Scale: NTS | S&ME | PROPERTY BOUNDARY<br>Nickajack Shores Development<br>Jasper, Tennessee | Figure<br>2 |
| Checked By: SJL | | | |
| Date: 04/26/06 | | Project No.: 1464-06-018 | |




Source: USGS 7.5 Minute Series Topographic Map – 1970 Photorevised 1982 Sequatchie, Tennessee Quadrangle

| | | | |
|---|---|---|---|
| Scale: 1:24,000 | S&ME | EXISTING CONDITIONS<br>Nickajack Shores Development<br>Jasper, Tennessee | Figure<br>3 |
| Checked By: SJL | | | |
| Date: 06/11/06 | | Project No.: 1464-06-018 | |

FIGURE 4: REPRESENTATIVE PHOTOGRAPHS

PROJECT NO.: 1464-06-018
CAMERA MAKE: Sony DSC-P72

PROJECT NAME: Nickajack Shores Development
LOCATION: Jasper, Tennessee

PHOTOGRAPH NO.: 1
DATE: 05/26/06
PHOTOGRAPHER: S. Liu
COMMENTS: View from Tract 3 towards Nickajack Lake.

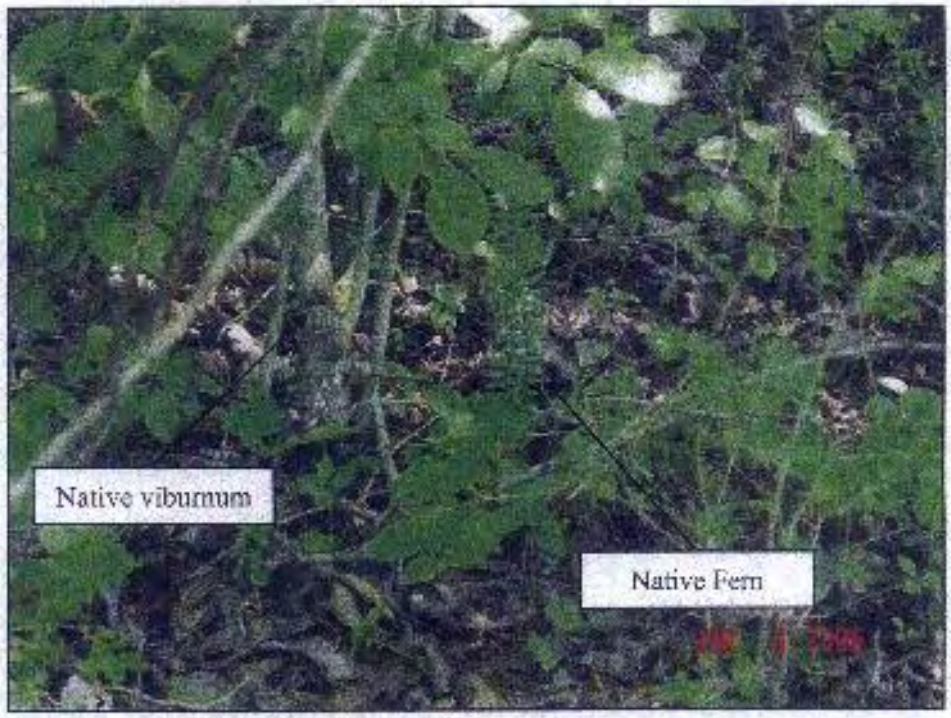
PHOTOGRAPH NO.: 2
DATE: 05/26/06
PHOTOGRAPHER: S. Liu
COMMENTS: View from with in the SMZ along Nickajack Lake.

FIGURE 4: REPRESENTATIVE PHOTOGRAPHS (cont'd)

PROJECT NO.: 1464-06-018
CAMERA MAKE: Sony DSC-P72

PROJECT NAME: Nickajack Shores Development
LOCATION: Jasper, Tennessee

PHOTOGRAPH NO.: 3
DATE: 05/26/06
PHOTOGRAPHER: S. Liu
COMMENTS: Invasive species within the reconnaissance area of the shoreline.



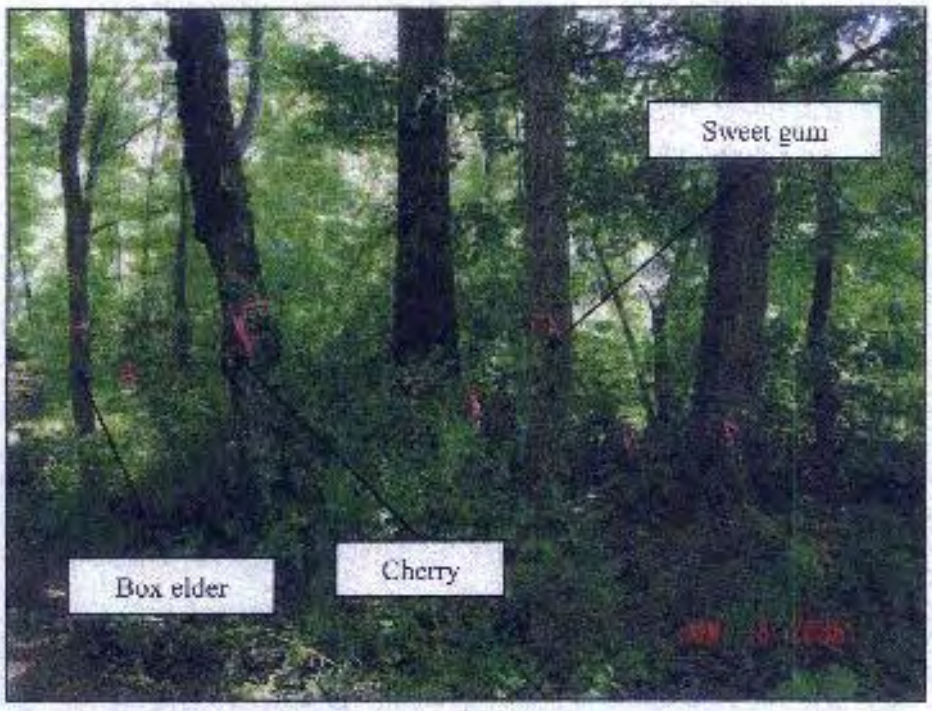

PHOTOGRAPH NO.: 4
DATE: 06/08/06
PHOTOGRAPHER: S. Liu
COMMENTS: Native fern seedling and native viburnum identified during preparation of test area.

FIGURE 4: REPRESENTATIVE PHOTOGRAPHS (cont'd)

PROJECT NO.: 1464-06-018
CAMERA MAKE: Sony DSC-P72

PROJECT NAME: Nickajack Shores Development
LOCATION: Jasper, Tennessee

PHOTOGRAPH NO.: 5
DATE: 06/08/06
PHOTOGRAPHER: N. Murphy
COMMENTS: Vegetation marked for removal with orange tape by TVA forester and S&ME personnel.




PHOTOGRAPH NO.: 6
DATE: 06/08/06
PHOTOGRAPHER: N. Murphy
COMMENTS: Native, diseased trees flagged for removal.

FIGURE 4: REPRESENTATIVE PHOTOGRAPHS (cont'd)

PROJECT NO.: 1464-06-018
CAMERA MAKE: Sony DSC-P72

PROJECT NAME: Nickajack Shores Development
LOCATION: Jasper, Tennessee

PHOTOGRAPH NO.: 7
DATE: 06/08/06
PHOTOGRAPHER: N. Murphy
COMMENTS: Diseased cherry from Photograph No. 6 marked for removal.

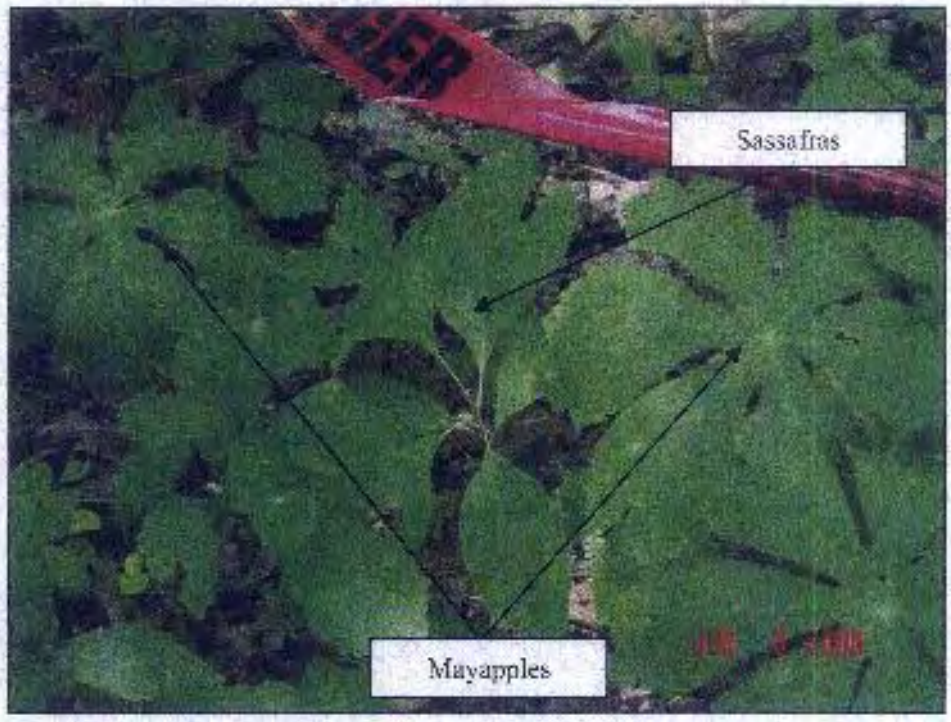
PHOTOGRAPH NO.: 8
DATE: 06/08/06
PHOTOGRAPHER: N. Murphy
COMMENTS: Diseased box elder from Photograph No. 6 marked for removal.

FIGURE 4: REPRESENTATIVE PHOTOGRAPHS (cont'd)

PROJECT NO.: 1464-06-018
CAMERA MAKE: Sony DSC-P72

PROJECT NAME: Nickajack Shores Development
LOCATION: Jasper, Tennessee

PHOTOGRAPH NO.: 9
DATE: 06/08/06
PHOTOGRAPHER: N. Murphy
COMMENTS: Colony of native mayapples marked for preservation.




PHOTOGRAPH NO.: 10
DATE: 06/08/06
PHOTOGRAPHER: N. Murphy
COMMENTS: Sassafras sapling observed within colony of mayapples shown in Photograph No. 9.

FIGURE 4: REPRESENTATIVE PHOTOGRAPHS (cont'd)

PROJECT NO.: 1464-06-018
CAMERA MAKE: Sony DSC-P72

PROJECT NAME: Nickajack Shores Development
LOCATION: Jasper, Tennessee

PHOTOGRAPH NO.: 11
DATE: 06/08/06
PHOTOGRAPHER: N. Murphy
COMMENTS: One of the many views anticipated looking towards Nickajack Lake from Tract 3 shoreline of test area.

# Appendix B

## Plant Species Native to the Tennessee Valley

| Common Name | Scientific Name |
|---|---|
| Alabama Supplejack | Berchemia scandens |
| Alumroot | Heuchera americana |
| American Beautyberry | Callicarpa americana |
| American Beech | Fagus grandifolia |
| American Holly | Ilex opaca |
| American Wisteria | Wisteria frutescens |
| American Witch Hazel | Hamamelis virginiana |
| Arrow Arum | Peltandra virginica |
| Arrowhead | Sagittaria latifolia |
| Arrowwood | Viburnum dentatum |
| Baldcypress | Taxodium distichum |
| Beebalm | Monarda didyma |
| Bergamot | Monarda fistulosa |
| Big Bluestem | Andropogon gerardii |
| Bird-foot Violet | Viola pedata |
| Black Cherry | Prunus serotina |
| Black Oak | Quercus velutina |
| Black Walnut | Juglans nigra |
| Black Willow | Salix nigra |
| Blackeyed Susan | Rudbeckia hirta |
| Blackgum | Nyssa sylvatica |
| Blue Wild Indigo | Baptisia australis |
| Bluestar | Amsonia tabernaemontana |
| Broad-leaf Cattail | Typha latifolia |
| Bushy Beardsgrass | Andropogon glomeratus |
| Butterflyweed | Asclepias tuberosa |
| Buttonbush | Cephalanthus occidentalis |
| Cardinal Flower | Lobelia cardinalis |
| Catawba Rosebay | Rhododendron catawbiense |
| Chestnut Oak | Quercus prinus |
| Chickasaw Plum | Prunus angustifolia |
| Cinnamon Fern | Osmunda cinnamomea |
| Climbing Hempvine | Mikania scandens |
| Common Milkweed | Asclepias syriaca |
| Common Ninebark | Physocarpus opulifolius |

| | |
|---|---|
| Creeping Spikerush | Eleocharis palustris |
| Crossvine | Bignonia capreolata |
| Dense Blazing Star | Liatris spicata |
| Dwarf Crested Iris | Iris cristata |
| Eastern Gammagrass | Tripsacum dactyloides |
| Eastern Hemlock | Tsuga canadensis |
| Eastern Redcedar | Juniperus virginiana |
| Elderberry | Sambucus canadensis |
| False Indigobush | Amorpha fruticosa |
| False Solomon's Seal | Smilacina racemosa |
| Fire Pink | Silene virginica |
| Flowering Dogwood | Cornus florida |
| Foamflower | Tiarella cordifolia |
| Fragrant Sumac | Rhus aromatica |
| Fringetree | Chionanthus virginicus |
| Great Blue Lobelia | Lobelia siphilitica |
| Green Ash | Fraxinus pennsylvanica |
| Green Bulrush | Scirpus atrovirens |
| Groundnut | Apios americana |
| Halberd-leaved Mallow | Hibiscus laevis |
| Hazel Alder | Alnus serrulata |
| Hollow Joe-pye-weed | Eupatoriadelphus fistulosus |
| Honeylocust | Gleditsia triacanthos |
| Hop Sedge | Carex lupulina |
| Indian Pink | Spigelia marilandica |
| Indiangrass | Sorghastrum nutans |
| Jack-in-the-pulpit | Arisaema triphyllum |
| Lanceleaf Coreopsis | Coreopsis lanceolata |
| Little Bluestem | Schizachyrium scoparium |
| Lizard's Tail | Saururus cernuus |
| Loblolly Pine | Pinus taeda |
| Mapleleaf Viburnum | Viburnum acerifolium |
| Marsh Smartweed | Polygonum hydropiperoides |
| Mist Flower | Conoclinium coelestinum |
| Mountain Laurel | Kalmia latifolia |
| Narrow-leaf Cattail | Typha angustifolia |
| Netted Chain Fern | Woodwardia areolata |
| New England Aster | Aster novae-angliae |
| Northern Red Oak | Quercus rubra |
| Oakleaf Hydrangea | Hydrangea quercifolia |
| Obedient Plant | Physostegia virginiana |
| Overcup Oak | Quercus lyrata |

| | |
|---|---|
| Pawpaw | Asimina triloba |
| Pecan | Carya illinoinensis |
| Peppervine | Ampelopsis arborea |
| Persimmon | Diospyros virginiana |
| Phlox | Phlox divaricata |
| Pickerelweed | Pontederia cordata |
| Piedmont Azalea | Rhododendron canescens |
| Pin Oak | Quercus palustris |
| Pinxterbloom Azalea | Rhododendron periclymenoides |
| Possumhaw Viburnum | Viburnum nudum |
| Prairie Dock | Silphium terebinthinaceum |
| Purple Coneflower | Echinacea purpurea |
| Red Buckeye | Aesculus pavia |
| Red Maple | Acer rubrum |
| Redbud | Cercis canadensis |
| Rice Cutgrass | Leersia oryzoides |
| River Birch | Betula nigra |
| River Cane | Arundinaria gigantea |
| River Oats | Chasmanthium latifolium |
| Royal Fern | Osmunda regalis |
| Sassafras | Sassafras albidum |
| Sensitive Fern | Onoclea sensibilis |
| Serviceberry | Amelanchier arborea |
| Silky Dogwood | Cornus amomum |
| Soft Rush | Juncus effusus |
| Softstem Bulrush | Scirpus validus |
| Solomon's Seal | Polygonatum biflorum |
| Sourwood | Oxydendrum arboreum |
| Spicebush | Lindera benzoin |
| Spiderwort | Tradescantia virginiana |
| Spotted Touch-me-not | Impatiens capensis |
| Square-stem Spikerush | Eleocharis quadrangulata |
| Strawberry bush | Euonymus americana |
| Sugar Maple | Acer saccharum |
| Sugarberry | Celtis laevigata |
| Swamp Chestnut Oak | Quercus michauxii |
| Swamp Dock | Rumex verticillatus |
| Swamp Milkweed | Asclepias incarnata |
| Swamp Rose Mallow | Hibiscus moscheutos |
| Sweetbay | Magnolia virginiana |
| Sweetgum | Liquidambar styraciflua |
| Sweetshrub | Calycanthus floridus |

| | |
|---|---|
| Switchgrass | Panicum virgatum |
| Sycamore | Platanus occidentalis |
| Tall Ironweed | Vernonia gigantea |
| Three-square Bulrush | Scirpus americanus |
| Trumpet Creeper | Campsis radicans |
| Tulip Poplar | Liriodendron tulipifera |
| Turk's Cap Lily | Lilium superbum |
| Virgin's Bower | Clematis virginiana |
| Virginia Bluebells | Mertensia virginica |
| Virginia Blueflag | Iris virginica |
| Virginia Creeper | Parthenocissus quinquefolia |
| Virginia Pine | Pinus virginiana |
| Virginia Sweetspire | Itea virginica |
| Virginia Wildrye | Elymus virginicus |
| Water Oak | Quercus nigra |
| Water Plantain | Alisma subcordatum |
| Water Tupelo | Nyssa aquatica |
| Waterwillow | Justicia americana |
| White Oak | Quercus alba |
| Wild Bleeding Heart | Dicentra eximia |
| Wild Columbine | Aquilegia canadensis |
| Wild Geranium | Geranium maculatum |
| Wild Hydrangea | Hydrangea arborescens |
| Willow Oak | Quercus phellos |
| Winged Sumac | Rhus copallinum |
| Winterberry | Ilex verticillata |
| Withe-rod Viburnum | Viburnum cassinoides |
| Woolgrass | Scirpus cyperinus |
| Yellow Coneflower | Ratibida pinnata |

## Appendix C

# Invasive/Exotic/Undesirable Plants

**Herbaceous Plants**

| | |
|---|---|
| Plume (silver) grass | *Miscanthus sinensis* |
| Garlic mustard | *Alliaria petiolata* |
| Japanese grass | *Microstegium vimineum* |

**Climbing Vines**

| | |
|---|---|
| Climbing euonymus | *Euonymus fortunei* |
| Japanese honeysuckle | *Lonicera japonica* |
| Japanese wisteria | *Wisteria floribunda* |
| Oriental Bittersweet | *Celastrus orbiculata* |
| Porcelain-berry | *Ampelopsis brevipedunculata* |

**Trees**

| | |
|---|---|
| Mimosa | *Albizia julibrissin* |
| Princess tree | *Paulownia tomentosa* |
| Tree-of-heaven | *Ailanthus altissima* |

**Shrubs**

| | |
|---|---|
| Japanese barberry | *Berberis thunbergii* |
| Japanese knotweed | *Polygonum cuspidatum* |
| Privet | *Ligustrum sinense* |
| Japanese spiraea | *Spiraea japonica* |
| Autumn olive | *Elaeagnus umbellata* |
| Bush honeysuckles | *Lonicera maackii* |