

April 12, 2021

**VIA ELECTRONIC FILING**

Project No. 2628-065  
R.L. Harris Hydroelectric Project  
Transmittal of A Botanical Inventory of a 35-Acre Parcel at Flat Rock Park, Blake's Ferry, Alabama

Ms. Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street NE  
Washington, DC 20426

Dear Secretary Bose,

Alabama Power Company (Alabama Power) is the Federal Energy Regulatory Commission (FERC or Commission) licensee for the R.L. Harris Hydroelectric Project (Harris Project) (FERC No. 2628-065). On April 12, 2019, FERC issued its Study Plan Determination<sup>1</sup> (SPD) for the Harris Project, approving Alabama Power's ten relicensing studies with FERC modifications. On May 13, 2019, Alabama Power filed Final Study Plans to incorporate FERC's modifications and posted the Final Study Plans on the Harris relicensing website at [www.harrisrelicensing.com](http://www.harrisrelicensing.com).

Consistent with FERC's April 12, 2019 SPD, Alabama Power filed the Draft Phase 1 Project Lands Evaluation Study Report (Draft Report) on April 10, 2020<sup>2</sup> and the Final Phase 1 Project Lands Evaluation Study Report (Final Report) on October 10, 2020<sup>3</sup>. The Draft and Final Report included a proposal to reclassify +/-57 acres of existing Project lands from Recreation to Natural/Undeveloped due to the presence of the rare Blake's Ferry Pluton. Initial stakeholder consultation identified a 20-acre parcel to be inventoried for the purposes of cataloguing all plants present at the rare Blake's Ferry Pluton located adjacent to Alabama Power's Flat Rock Park (Flat Rock). Stakeholder comments provided during the Initial Study Report Meeting held April 28, 2020, highlighted the need to inventory an additional 35-acre parcel adjacent to the original 20-acre parcel. A botanical inventory of the 20-acre parcel was completed during the spring and fall 2019, and the 20-acre parcel inventory report was included in the Final Report. Following the filing of the Final Report, Samford University performed an additional botanical inventory on the 35-acre parcel, and the 35-acre parcel inventory report is contained in Attachment 1.

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<sup>1</sup> Accession Number 20190412-3000.

<sup>2</sup> Accession Number 20200410-5092.

<sup>3</sup> Accession Number 20201002-5139.

If there are any questions concerning this filing, please contact me at [arsegars@southernco.com](mailto:arsegars@southernco.com) or 205-257-2251.

Sincerely,



Angie Anderegg  
Harris Relicensing Project Manager

Attachment 1 – A Botanical Inventory of a 35-Acre Parcel at Flat Rock Park, Blake's Ferry, Alabama

cc: Harris Action Team 4 Stakeholder List

Attachment 1  
A Botanical Inventory of a 35-Acre Parcel at Flat Rock  
Park, Blake's Ferry, Alabama

**A BOTANICAL INVENTORY OF A 35-ACRE  
PARCEL AT FLAT ROCK PARK,  
BLAKE'S FERRY, ALABAMA**

**A report prepared for**

**ALABAMA POWER COMPANY**

**by**

James T. Diggs, Katie N. Horton, Daniel Spaulding,  
David M. Frings

December 29, 2020

## Introduction

This botanical inventory, begun in March 2020, was undertaken to catalog all plant species present at a 35-acre parcel at the rare Blake's Ferry Pluton, located adjacent to Alabama Power Company's (Alabama Power) Flat Rock Park (Flat Rock) on Lake Harris at 7115 CR 870 Wedowee, AL 36278. The area of the botanical inventory (Inventory Area) is delineated in Figure 1. This botanical inventory is intended to support the Alabama Glade Conservation Coalition's August 28, 2018 request to reclassify this 35-acre parcel of Flat Rock Park from "Recreational" to "Natural/Undeveloped", affording the natural plant and animal community at this location protection from potential future degradation.

The Inventory Area consists of approximately 35 acres of woodland habitat adjacent to the popular Flat Rock recreational area on Lake Harris. The proximity of this wooded tract to the rare granite pluton allows animals to take potential shelter during the heat of Alabama summer, and creates safe habitat for vulnerable animals such as the Carolina box turtle (*Terrapene carolina*) during their breeding season. It may be worth noting that while some areas in the land originally surveyed adjacent to the visitor-accessible portion of Flat Rock appeared to have only become wooded in the absence of fire maintenance, this 35-acre plot appeared to be older natural forest with deep roots rather than an encroachment onto the granite pluton. We found that several indicators of a rich and healthy forest were present, including *Collinsonia canadensis*, *Platanthera clavellata*, and *Listera australis* with a healthy population of native azaleas (*Rhododendron* sp.) on neighboring lands. These rich forests provide an important buffer zone for the rare granite outcrop community at the heart of Flat Rock.

The field team of botanists (Diggs, Spaulding, and Horton) began this inventory in March 2020, and visited the site at least monthly throughout the growing season, with the final field day occurring on October 25, 2020. We walked the entire 35-acre property during each visit, paying careful attention to specialized habitats on the parcel that were likely to harbor additional or more ecologically-restricted species (wetlands, power line cuts, rich woodlands, grasslands, etc.). All plant species were identified either in the field, or in cases where identification was more difficult, a voucher specimen was taken for later identification in the laboratory. All vouchers are housed at the Anniston Museum of Natural History, Anniston, Alabama (AMAL, Daniel D. Spaulding, curator). All identifications were made *sensu* Weakley (2015)<sup>1</sup>, and all nomenclature was checked against the Alabama Plant Atlas<sup>2</sup>.

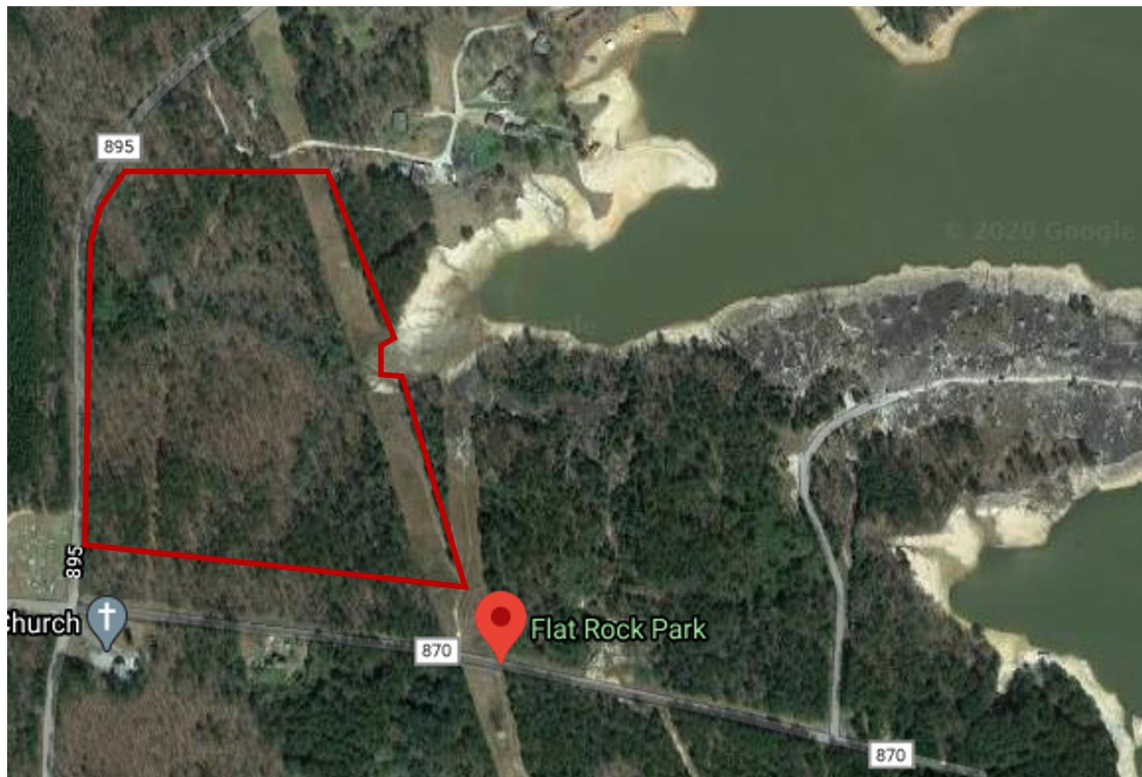
In all, 401 species of plants were documented from the Inventory Area and surrounding buffer areas. These 401 species represent 106 plant families. Several of these species are of federal and/or state conservation concern. These species and their ranks are presented in Table 1. The

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<sup>1</sup> Weakley, A.S. 2015. Flora of the southern and mid-Atlantic states, working draft of May 2015. University of North Carolina Herbarium, North Carolina Botanical Garden, Chapel Hill, NC.

<sup>2</sup> Keener, B. R., A.R. Diamond, L. J. Davenport, P. G. Davison, S. L. Ginzburg, C. J. Hansen, C. S. Major, D. D. Spaulding, J. K. Triplett, and M. Woods. 2019. [Alabama Plant Atlas](#). [S.M.]Landry and K.N. Campbell (original application development), Florida Center for Community Design and Research. University of South Florida]. University of West Alabama, Livingston, Alabama.

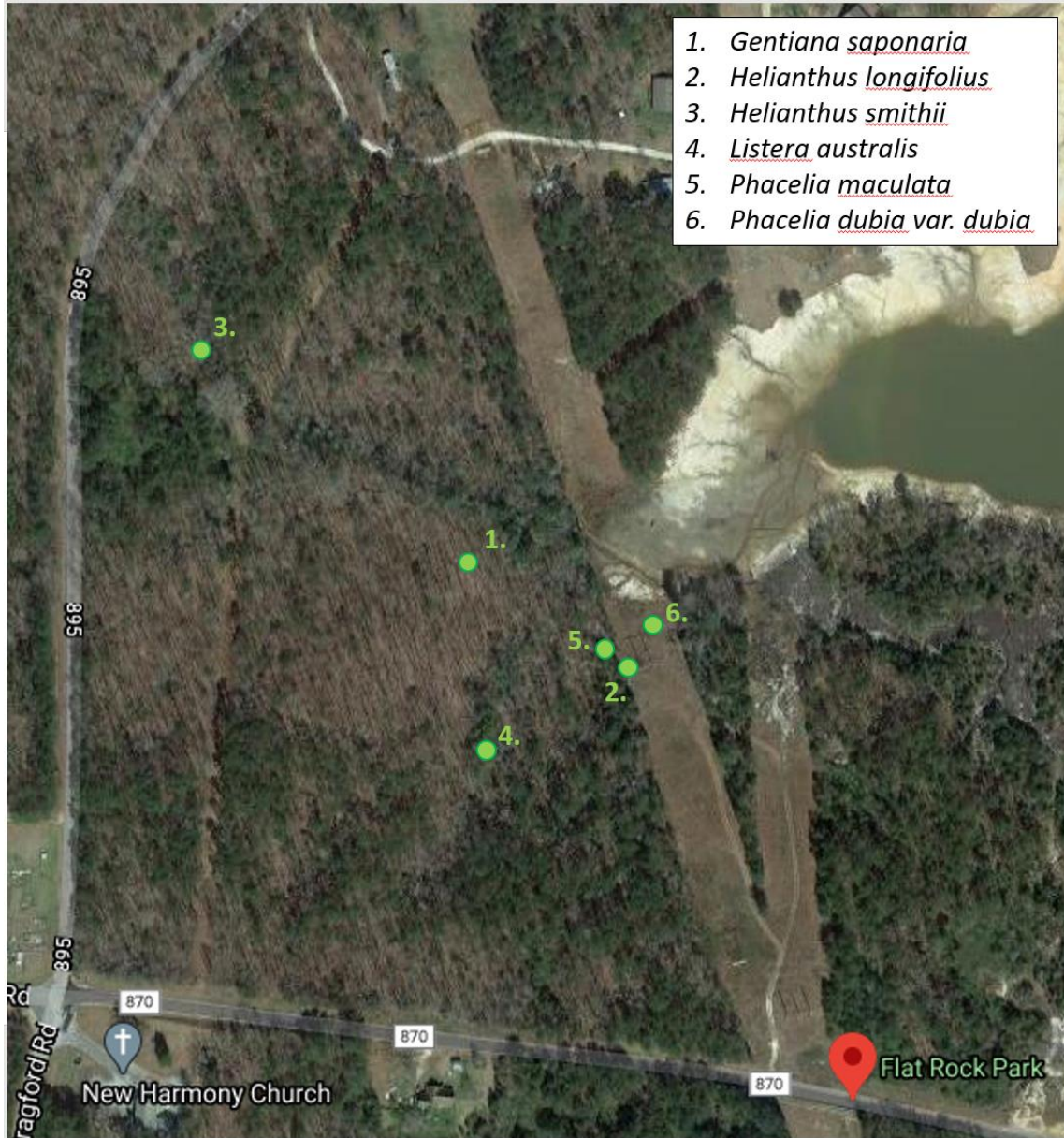
inventory team recorded 43 species that had never been reported for Randolph County (denoted as “County record” within the comments of Table 2). These results are presented in Table 2. The approximate locations for representative populations of the rare species found in Table 1 are shown in the map in Figure 2. There are 44 documented species of non-native taxa (designated “not native” in Table 2) within the Inventory Area, 22 of which are considered invasive by the Southeast Exotic Pest Plant Council (SE-EPPC).<sup>3</sup> These are designated as “invasive” in Table 2. In addition, there are several very large, mature American beech (*Fagus grandifolia*) on the property which should be measured for potential state Champion Tree status.



**FIGURE 1: INVENTORY AREA, APPROXIMATELY 35 ACRES.**

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<sup>3</sup> Miller, J., Chambliss, E., and Barger, C. 2004. Invasive Plants of the Thirteen Southern States. <https://www.invasive.org/south/seweeds.cfm>



**FIGURE 2: REPRESENTATIVE LOCATIONS OF POPULATIONS OF SPECIES OF CONSERVATION CONCERN FROM TABLE 1.**

**TABLE 1: SPECIES OF CONSERVATION CONCERN DOCUMENTED IN INVENTORY AREA**

| Species  | Conservation rank |
|--|-------------------|
| <i>Gentiana saponaria</i> , soapwort gentian         | S3                |
| <i>Helianthus longifolius</i> , longleaf sunflower   | S1S2, G3          |
| <i>Helianthus smithii</i> , Smith’s sunflower        | S2, G2            |
| <i>Listera australis</i> , southern twayblade orchid | S2, G4            |
| <i>Phacelia maculata</i> , spotted scorpion weed     | S1, G3            |
| <i>Phacelia dubia</i> var. <i>dubia</i>              | S1S2              |

Legend: In all rankings, “S” denotes the range of the plant in the state of Alabama. “G” denotes the entire natural range of the plant.<sup>4</sup>

- G1 or S1: Critically Imperiled — At very high risk of extinction or elimination due to very restricted range, very few populations or occurrences, very steep declines, very severe threats, or other factors. S1 denotes fewer than 5 known occurrences within the state.
- G2 or S2: Imperiled — At high risk of extinction or elimination due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors. S2 denotes 6-20 known occurrences within the state.
- G3 or S3: Vulnerable — At moderate risk of extinction or elimination due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors. S3 denotes 21-100 occurrences within the state.
- G4 or S4: Apparently Secure — At fairly low risk of extinction or elimination due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors. S4 denotes species which are apparently secure within the state.
- G5 or S5: Secure — At very low risk of extinction or elimination due to a very extensive range, abundant populations or occurrences, and little to no concern from declines or threats. S5 denotes species which are demonstrably secure within the state.

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<sup>4</sup> Master, L. L., D. Faber-Langendoen, R. Bittman, G. A. Hammerson, B. Heidel, L. Ramsay, K. Snow, A. Teucher, and A. Tomaino. 2012. NatureServe Conservation Status Assessments: Factors for Evaluating Species and Ecosystem Risk. NatureServe, Arlington, VA



**TABLE 2: SPECIES DOCUMENTED WITHIN INVENTORY AREA**

|    | <i>Taxon name</i>              | <b>Common name</b>                | <b>Family</b>    | <b>Comments</b>      |
|----|--------------------------------|-----------------------------------|------------------|----------------------|
| 1  | <i>Acalypha gracilens</i>      | Slender three seed mercury        | Euphorbiaceae    |                      |
| 2  | <i>Acalypha virginica</i>      | Virginia three seed mercury       | Euphorbiaceae    |                      |
| 3  | <i>Acer rubrum</i>             | Red maple                         | Aceraceae        |                      |
| 4  | <i>Aesculus pavia</i>          | Red buckeye                       | Hippocastanaceae |                      |
| 5  | <i>Agrimonia parviflora</i>    | Harvestlice                       | Rosaceae         |                      |
| 6  | <i>Agrostis hyemalis</i>       | Ticklegrass                       | Poaceae          |                      |
| 7  | <i>Agrostis perennans</i>      | Autumn bentgrass                  | Poaceae          |                      |
| 8  | <i>Albizia julibrissin</i>     | Mimosa                            | Fabaceae         | Not native, invasive |
| 9  | <i>Allium canadense</i>        | Wild onion                        | Alliaceae        |                      |
| 10 | <i>Allium vineale</i>          | Field garlic                      | Alliaceae        | Not native, invasive |
| 11 | <i>Alnus serrulata</i>         | Tag alder                         | Betulaceae       |                      |
| 12 | <i>Alopecurus carolinianus</i> | Carolina foxtail grass            | Poaceae          |                      |
| 13 | <i>Ambrosia artemisiifolia</i> | Common ragweed                    | Asteraceae       |                      |
| 14 | <i>Amphicarpaea bracteata</i>  | American hog peanut               | Fabaceae         |                      |
| 15 | <i>Andropogon virginicus</i>   | Broom sedge                       | Poaceae          |                      |
| 16 | <i>Anemone quinquefolia</i>    | Nightcaps                         | Ranunculaceae    |                      |
| 17 | <i>Apios americana</i>         | American groundnut                | Fabaceae         |                      |
| 18 | <i>Apocynum cannabinum</i>     | Hemp dogbane                      | Apocynaceae      |                      |
| 19 | <i>Arisaema pusillum</i>       | Small-flowered jack-in-the-pulpit | Araceae          |                      |
| 20 | <i>Arundinaria gigantea</i>    | River cane                        | Poaceae          |                      |
| 21 | <i>Asclepias amplexicaulis</i> | Clasping milkweed                 | Apocynaceae      |                      |
| 22 | <i>Asclepias variegata</i>     | Red ring milkweed                 | Apocynaceae      |                      |
| 23 | <i>Asimina parviflora</i>      | Small-flowered pawpaw             | Annonaceae       |                      |
| 24 | <i>Asplenium platyneuron</i>   | Ebony spleenwort                  | Aspleniaceae     |                      |
| 25 | <i>Athyrium asplenioides</i>   | Southern lady fern                | Athyriaceae      |                      |
| 26 | <i>Baccharis halimifolia</i>   | Groundsel tree                    | Asteraceae       |                      |

|    | <i>Taxon name</i>                | <b>Common name</b>     | <b>Family</b>   | <b>Comments</b>                     |
|----|----------------------------------|------------------------|-----------------|-------------------------------------|
| 27 | <i>Berberis bealei</i>           | Leather leaf mahonia   | Berberidaceae   | Not native, invasive, County record |
| 28 | <i>Bignonia capreolata</i>       | Cross-vine             | Bignoniaceae    |                                     |
| 29 | <i>Boehmeria cylindrica</i>      | False nettle           | Urticaceae      |                                     |
| 30 | <i>Botrychium biternatum</i>     | Southern grape fern    | Ophioglossaceae |                                     |
| 31 | <i>Botrychium dissectum</i>      | Cutleaf grape fern     | Ophioglossaceae |                                     |
| 32 | <i>Botrychium virginianum</i>    | Rattlesnake fern       | Ophioglossaceae |                                     |
| 33 | <i>Briza minor</i>               | Lesser quaking grass   | Poaceae         | Not native                          |
| 34 | <i>Bromus japonicus</i>          | Japanese brome         | Poaceae         | Not native                          |
| 35 | <i>Callicarpa americana</i>      | American beautyberry   | Lamiaceae       |                                     |
| 36 | <i>Calycanthus floridus</i>      | Carolina allspice      | Calycanthaceae  |                                     |
| 37 | <i>Cardamine hirsuta</i>         | Hairy bittercress      | Brassicaceae    | Not native                          |
| 38 | <i>Carex caroliniana</i>         | Carolina sedge         | Cyperaceae      | County record                       |
| 39 | <i>Carex complanata</i>          | Hirsute sedge          | Cyperaceae      |                                     |
| 40 | <i>Carex crinita</i>             | Fringed sedge          | Cyperaceae      |                                     |
| 41 | <i>Carex debilis</i>             | White-edge sedge       | Cyperaceae      |                                     |
| 42 | <i>Carex festucacea</i>          | Fescue sedge           | Cyperaceae      |                                     |
| 43 | <i>Carex leptalea</i>            | Bristle stalk sedge    | Cyperaceae      |                                     |
| 44 | <i>Carex lurida</i>              | Sallow sedge           | Cyperaceae      |                                     |
| 45 | <i>Carex nigromarginata</i>      | Black-edged sedge      | Cyperaceae      |                                     |
| 46 | <i>Carex striatula</i>           | Lined sedge            | Cyperaceae      |                                     |
| 47 | <i>Carex styloflexa</i>          | Bent sedge             | Cyperaceae      |                                     |
| 48 | <i>Carex tribuloides</i>         | Blunt broom sedge      | Cyperaceae      |                                     |
| 49 | <i>Carpinus caroliniana</i>      | American hornbeam      | Betulaceae      |                                     |
| 50 | <i>Carya glabra</i>              | Pignut hickory         | Juglandaceae    |                                     |
| 51 | <i>Carya tomentosa</i>           | Mockernut hickory      | Juglandaceae    |                                     |
| 52 | <i>Centrosema virginianum</i>    | Spurred butterfly pea  | Fabaceae        |                                     |
| 53 | <i>Cephalanthus occidentalis</i> | Buttonbush             | Rubiaceae       |                                     |
| 54 | <i>Cerastium glomeratum</i>      | Sticky chickweed       | Caryophyllaceae |                                     |
| 55 | <i>Chamaecrista nictitans</i>    | Common sensitive plant | Fabaceae        |                                     |
| 56 | <i>Chamaecrista fasciculata</i>  | Common Partridge Pea   | Fabaceae        |                                     |
| 57 | <i>Chamaelirium luteum</i>       | Devil's bit            | Melanthiaceae   |                                     |
| 58 | <i>Chasmanthium latifolium</i>   | River Oats             | Poaceae         |                                     |
| 59 | <i>Chasmanthium laxum</i>        | Slender wood oats      | Poaceae         | County record                       |

|    | <i>Taxon name</i>                                       | <b>Common name</b>               | <b>Family</b>  | <b>Comments</b>         |
|----|---|----------------------------------|----------------|-------------------------|
| 60 | <i>Chasmanthium sessiliflorum</i>                       | Longleaf wood<br>oats            | Poaceae        |                         |
| 61 | <i>Chimaphila maculata</i>                              | Pipsissewa                       | Ericaceae      |                         |
| 62 | <i>Chrysopsis mariana</i>                               | Maryland golden<br>aster         | Asteraceae     |                         |
| 63 | <i>Cicuta maculata</i>                                  | Water hemlock                    | Apiaceae       |                         |
| 64 | <i>Clematis virginiana</i>                              | Virgin's bower                   | Ranunculaceae  |                         |
| 65 | <i>Clitoria mariana</i>                                 | Butterfly pea                    | Fabaceae       |                         |
| 66 | <i>Cocculus carolinus</i>                               | Carolina snailseed               | Menispermaceae |                         |
| 67 | <i>Coleataenia anceps</i>                               | Beaked panic<br>grass            | Poaceae        |                         |
| 68 | <i>Coleataenia rigidula</i>                             | Redtop panic grass               | Poaceae        |                         |
| 69 | <i>Collinsonia canadensis</i>                           | Northern<br>horsebalm            | Lamiaceae      | County record           |
| 70 | <i>Commelina communis</i>                               | Asiatic dayflower                | Commelinaceae  | Not native,<br>invasive |
| 71 | <i>Commelina erecta</i>                                 | Erect dayflower                  | Commelinaceae  |                         |
| 72 | <i>Commelina virginica</i>                              | Virginia<br>dayflower            | Commelinaceae  | County record           |
| 73 | <i>Coreopsis auriculata</i>                             | Eared tickseed                   | Asteraceae     |                         |
| 74 | <i>Coreopsis grandiflora</i> var.<br><i>grandiflora</i> | Large-flowered<br>tickseed       | Asteraceae     |                         |
| 75 | <i>Coreopsis major</i>                                  | Woodland<br>tickseed             | Asteraceae     |                         |
| 76 | <i>Cornus florida</i>                                   | Flowering<br>dogwood             | Cornaceae      |                         |
| 77 | <i>Croton glandulosus</i>                               | Vente conmigo                    | Euphorbiaceae  |                         |
| 78 | <i>Croton michauxii</i>                                 | Narrowleaf<br>rushfoil           | Euphorbiaceae  |                         |
| 79 | <i>Cuscuta campestris</i>                               | Field dodder                     | Convolvulaceae |                         |
| 80 | <i>Cuscuta compacta</i>                                 | Love vine                        | Convolvulaceae |                         |
| 81 | <i>Cuscuta gronovii</i>                                 | Scaldweed                        | Convolvulaceae |                         |
| 82 | <i>Cyclospermum leptophyllum</i>                        | Marsh parsley                    | Apiaceae       | County record           |
| 83 | <i>Cyperus retrofractus</i>                             | Rough flatsedge                  | Cyperaceae     | County record           |
| 84 | <i>Cyperus retrorsus</i>                                | Pinebarren<br>flatsedge          | Cyperaceae     |                         |
| 85 | <i>Cyperus strigosus</i>                                | Straw color<br>flatsedge         | Cyperaceae     |                         |
| 86 | <i>Danthonia sericea</i>                                | Downy oatgrass                   | Poaceae        |                         |
| 87 | <i>Decumaria barbara</i>                                | Climbing<br>hydrangea            | Hydrangeaceae  |                         |
| 88 | <i>Desmodium ciliare</i>                                | Hairy small-leaf<br>tick-trefoil | Fabaceae       |                         |
| 89 | <i>Desmodium paniculatum</i>                            | Panicled tick-<br>trefoil        | Fabaceae       |                         |

|     | <i>Taxon name</i>  | <b>Common name</b>       | <b>Family</b>    | <b>Comments</b>                     |
|-----|--|--------------------------|------------------|-------------------------------------|
| 90  | <i>Desmodium rotundifolium</i>                             | Prostrate tick-trefoil   | Fabaceae         |                                     |
| 91  | <i>Desmodium viridiflorum</i>                              | Velvetleaf tick-trefoil  | Fabaceae         |                                     |
| 92  | <i>Dichanthelium acuminatum</i><br><i>var. lindheimeri</i> | Lindheimer's witch grass | Poaceae          |                                     |
| 93  | <i>Dichanthelium boscii</i>                                | Bosc's witchgrass        | Poaceae          |                                     |
| 94  | <i>Dichanthelium clandestinum</i>                          | Deer tongue witchgrass   | Poaceae          |                                     |
| 95  | <i>Dichanthelium commutatum</i>                            | Variable witchgrass      | Poaceae          |                                     |
| 96  | <i>Dichanthelium curtifolium</i>                           | Shortleaf witchgrass     | Poaceae          | County record                       |
| 97  | <i>Dichanthelium depauperatum</i>                          | Starved witchgrass       | Poaceae          |                                     |
| 98  | <i>Dichanthelium dichotomum</i><br><i>var. dichotomum</i>  | Forked witchgrass        | Poaceae          |                                     |
| 99  | <i>Dichanthelium laxiflorum</i>                            | Lax-flowered witchgrass  | Poaceae          |                                     |
| 100 | <i>Dichanthelium microcarpon</i>                           | Small-fruit witchgrass   | Poaceae          |                                     |
| 101 | <i>Dichanthelium scoparium</i>                             | Velvet witchgrass        | Poaceae          |                                     |
| 102 | <i>Dichanthelium sphaerocarpon</i>                         | Round-fruit witchgrass   | Poaceae          |                                     |
| 103 | <i>Dioscorea polystachya</i>                               | Chinese yam              | Dioscoreaceae    | Not native, invasive, County record |
| 104 | <i>Dioscorea villosa</i>                                   | Common wild yam          | Dioscoreaceae    |                                     |
| 105 | <i>Diospyros virginiana</i>                                | American persimmon       | Ebenaceae        |                                     |
| 106 | <i>Diphasiastrum digitatum</i>                             | Running ground pine      | Lycopodiaceae    |                                     |
| 107 | <i>Dulichium arundinaceum</i>                              | Three-way sedge          | Cyperaceae       |                                     |
| 108 | <i>Elephantopus carolinianus</i>                           | Leafy elephant's foot    | Asteraceae       |                                     |
| 109 | <i>Elephantopus tomentosus</i>                             | Woolly elephant's foot   | Asteraceae       |                                     |
| 110 | <i>Elymus glabriflorus</i>                                 | Southeastern wild rye    | Poaceae          |                                     |
| 111 | <i>Endodeca serpentaria</i>                                | Virginia snake root      | Aristolochiaceae |                                     |
| 112 | <i>Eragrostis japonica</i>                                 | Pond lovegrass           | Poaceae          | Not native, County record           |
| 113 | <i>Erechtites hieraciifolius</i>                           | American burnweed        | Asteraceae       |                                     |
| 114 | <i>Erianthus alopecuroides</i>                             | Silver plume grass       | Poaceae          |                                     |
| 115 | <i>Erigeron annuus</i>                                     | Annual fleabane          | Asteraceae       |                                     |

|     | <i>Taxon name</i>               | <b>Common name</b>            | <b>Family</b> | <b>Comments</b> |
|-----|---------------------------------|-------------------------------|---------------|-----------------|
| 116 | <i>Erigeron canadensis</i>      | Common horseweed              | Asteraceae    |                 |
| 117 | <i>Erigeron philadelphicus</i>  | Philadelphia fleabane         | Asteraceae    |                 |
| 118 | <i>Erigeron strigosus</i>       | Common eastern fleabane       | Asteraceae    |                 |
| 119 | <i>Eryngium prostratum</i>      | Creeping eryngo               | Apiaceae      |                 |
| 120 | <i>Euonymus americanus</i>      | American strawberry bush      | Celastraceae  |                 |
| 121 | <i>Eupatorium album</i>         | White thoroughwort            | Asteraceae    |                 |
| 122 | <i>Eupatorium capillifolium</i> | Common dogfennel              | Asteraceae    |                 |
| 123 | <i>Eupatorium hyssopifolium</i> | Hyssop-leaf thoroughwort      | Asteraceae    |                 |
| 124 | <i>Eupatorium rotundifolium</i> | Common roundleaf thoroughwort | Asteraceae    |                 |
| 125 | <i>Eupatorium serotinum</i>     | Late-flowering thoroughwort   | Asteraceae    |                 |
| 126 | <i>Euphorbia pubentissima</i>   | False flowering spurge        | Euphorbiaceae |                 |
| 127 | <i>Euthamia caroliniana</i>     | Slender goldentop             | Asteraceae    | County record   |
| 128 | <i>Eutrochium fistulosum</i>    | Hollow-stem joe pye weed      | Asteraceae    |                 |
| 129 | <i>Eutrochium purpureum</i>     | Sweet-scented Joe Pye weed    | Asteraceae    |                 |
| 130 | <i>Fagus grandifolia</i>        | American beech                | Fagaceae      |                 |
| 131 | <i>Fallopia scandens</i>        | Climbing false buckwheat      | Polygonaceae  | County record   |
| 132 | <i>Festuca myuros</i>           | Rat tail fescue               | Poaceae       | Not native      |
| 133 | <i>Fraxinus biltmoreana</i>     | Biltmore ash                  | Oleaceae      | County record   |
| 134 | <i>Fraxinus pennsylvanica</i>   | Green ash                     | Oleaceae      |                 |
| 135 | <i>Galactia regularis</i>       | Eastern milk pea              | Fabaceae      |                 |
| 136 | <i>Galium uniflorum</i>         | One-flower bedstraw           | Rubiaceae     |                 |
| 137 | <i>Gamochaeta chionesthes</i>   | White cloaked cudweed         | Asteraceae    | Not native      |
| 138 | <i>Gelsemium sempervirens</i>   | Carolina jessamine            | Gelsemiaceae  |                 |
| 139 | <i>Gentiana saponaria</i>       | Soapwort gentian              | Gentianaceae  | S3              |
| 140 | <i>Geranium carolinianum</i>    | Carolina geranium             | Geraniaceae   |                 |
| 141 | <i>Gladiolus X gandavensis</i>  | Garden gladiolus              | Iridaceae     |                 |
| 142 | <i>Gleditsia triacanthos</i>    | Honey locust                  | Fabaceae      |                 |
| 143 | <i>Goodyera pubescens</i>       | Downy rattlesnake plantain    | Orchidaceae   |                 |

|     | <i>Taxon name</i>               | <b>Common name</b>            | <b>Family</b>     | <b>Comments</b>         |
|-----|---------------------------------|-------------------------------|-------------------|-------------------------|
| 144 | <i>Gratiola neglecta</i>        | Clammy hedge<br>hyssop        | Plantaginaceae    | County record           |
| 145 | <i>Helianthus angustifolius</i> | Narrowleaf<br>sunflower       | Asteraceae        |                         |
| 146 | <i>Helianthus hirsutus</i>      | Hairy sunflower               | Asteraceae        |                         |
| 147 | <i>Helianthus longifolius</i>   | Longleaf<br>sunflower         | Asteraceae        | S1S2, G3                |
| 148 | <i>Helianthus microcephalus</i> | Small head<br>sunflower       | Asteraceae        |                         |
| 149 | <i>Helianthus smithii</i>       | Smith's sunflower             | Asteraceae        | S2, G2                  |
| 150 | <i>Hemerocallis fulva</i>       | Orange day lily               | Hemerocallidaceae | Not native,<br>invasive |
| 151 | <i>Heuchera americana</i>       | American<br>alumroot          | Saxifragaceae     |                         |
| 152 | <i>Hexasepalum teres</i>        | Poor Joe                      | Rubiaceae         |                         |
| 153 | <i>Hexastylis arifolia</i>      | Little brown jug              | Aristolochiaceae  |                         |
| 154 | <i>Hibiscus laevis</i>          | Smooth rose<br>mallow         | Malvaceae         | County record           |
| 155 | <i>Hieracium venosum</i>        | Veiny hawkweed                | Asteraceae        |                         |
| 156 | <i>Hieracium gronovii</i>       | Hairy hawkweed                | Asteraceae        |                         |
| 157 | <i>Hordeum pusillum</i>         | Mouse barley                  | Poaceae           |                         |
| 158 | <i>Houstonia caerulea</i>       | Common bluet                  | Rubiaceae         |                         |
| 159 | <i>Houstonia purpurea</i>       | Summer bluet                  | Rubiaceae         |                         |
| 160 | <i>Houstonia pusilla</i>        | Tiny bluet                    | Rubiaceae         |                         |
| 161 | <i>Houstonia tenuifolia</i>     | Slender leaf bluet            | Rubiaceae         |                         |
| 162 | <i>Hydrocotyle verticillata</i> | Whorled<br>pennywort          | Araliaceae        |                         |
| 163 | <i>Hylodesmum nudiflorum</i>    | Naked flower tick-<br>trefoil | Fabaceae          |                         |
| 164 | <i>Hypericum crux-andreae</i>   | St. Peter's wort              | Hypericaceae      |                         |
| 165 | <i>Hypericum drummondii</i>     | Nits and lice                 | Hypericaceae      |                         |
| 166 | <i>Hypericum gentianoides</i>   | Orange grass                  | Hypericaceae      |                         |
| 167 | <i>Hypericum hypericoides</i>   | St. Andrew's cross            | Hypericaceae      |                         |
| 168 | <i>Hypericum mutilum</i>        | Dwarf St. John's<br>wort      | Hypericaceae      |                         |
| 169 | <i>Hypericum punctatum</i>      | Spotted St. John's<br>wort    | Hypericaceae      |                         |
| 170 | <i>Hypericum virgatum</i>       | Sharpleaf St.<br>John's wort  | Hypericaceae      |                         |
| 171 | <i>Hypochaeris radicata</i>     | Hairy cat's ear               | Asteraceae        | Not native              |
| 172 | <i>Hypoxis hirsuta</i>          | Common star<br>grass          | Hypoxidaceae      |                         |
| 173 | <i>Ilex longipes</i>            | Georgia holly                 | Aquifoliaceae     | County record           |
| 174 | <i>Ilex opaca</i>               | American holly                | Aquifoliaceae     |                         |
| 175 | <i>Ilex verticillata</i>        | Black alder                   | Aquifoliaceae     |                         |

|     | <b><i>Taxon name</i></b>    | <b>Common name</b>            | <b>Family</b>  | <b>Comments</b>                           |
|-----|-----------------------------|-------------------------------|----------------|---|
| 176 | <i>Impatiens capensis</i>   | Orange jewelweed              | Balsaminaceae  |   |
| 177 | <i>Ipomoea hederifolia</i>  | Scarlet creeper               | Convolvulaceae | Not native,<br>County record              |
| 178 | <i>Ipomoea pandurata</i>    | Man of the Earth              | Convolvulaceae |   |
| 179 | <i>Iris cristata</i>        | Dwarf crested iris            | Iridaceae      | County record                             |
| 180 | <i>Iris verna</i>           | Upland dwarf iris             | Iridaceae      |   |
| 181 | <i>Iris virginica</i>       | Blue flag iris                | Iridaceae      |   |
| 182 | <i>Juglans nigra</i>        | Black walnut                  | Juglandaceae   |   |
| 183 | <i>Juncus acuminatus</i>    | Sharp fruit rush              | Juncaceae      |   |
| 184 | <i>Juncus biflorus</i>      | Bog rush                      | Juncaceae      | County record                             |
| 185 | <i>Juncus coriaceous</i>    | Leathery rush                 | Juncaceae      |   |
| 186 | <i>Juncus effusus</i>       | Soft rush                     | Juncaceae      |   |
| 187 | <i>Juncus tenuis</i>        | Path rush                     | Juncaceae      |   |
| 188 | <i>Juniperus virginiana</i> | Eastern redcedar              | Cupressaceae   |   |
| 189 | <i>Kelochloa verrucosa</i>  | Warty panic grass             | Poaceae        |   |
| 190 | <i>Krigia biflora</i>       | Two-flower dwarf<br>dandelion | Asteraceae     |   |
| 191 | <i>Krigia cespitosa</i>     | Common dwarf<br>dandelion     | Asteraceae     |   |
| 192 | <i>Krigia virginica</i>     | Virginia dwarf<br>dandelion   | Asteraceae     |   |
| 193 | <i>Lactuca canadensis</i>   | Wild lettuce                  | Asteraceae     |   |
| 194 | <i>Lactuca floridana</i>    | Woodland lettuce              | Asteraceae     |   |
| 195 | <i>Lactuca serriola</i>     | Prickly lettuce               | Asteraceae     | Not native                                |
| 196 | <i>Landoltia punctata</i>   | Dotted duckweed               | Araceae        | Not native                                |
| 197 | <i>Lechea racemulosa</i>    | Oblong fruit<br>pinweed       | Cistaceae      |   |
| 198 | <i>Leersia virginica</i>    | White cutgrass                | Poaceae        | County record                             |
| 199 | <i>Lespedeza repens</i>     | Creeping bush<br>clover       | Fabaceae       |   |
| 200 | <i>Lespedeza virginica</i>  | Slender bush<br>clover        | Fabaceae       |   |
| 201 | <i>Liatris elegantula</i>   | Grassleaf blazing<br>star     | Asteraceae     |   |
| 202 | <i>Liatris microcephala</i> | Small head<br>blazing star    | Asteraceae     |   |
| 203 | <i>Liatris spicata</i>      | Dense blazing star            | Asteraceae     |   |
| 204 | <i>Ligustrum japonicum</i>  | Japanese privet               | Oleaceae       | Not native,<br>invasive, County<br>record |
| 205 | <i>Ligustrum sinense</i>    | Chinese privet                | Oleaceae       | Not native,<br>invasive                   |
| 206 | <i>Lilium michauxii</i>     | Carolina lily                 | Liliaceae      |   |
| 207 | <i>Linaria canadensis</i>   | Common toadflax               | Plantaginaceae |   |

|     | <i>Taxon name</i>                  | <b>Common name</b>         | <b>Family</b>    | <b>Comments</b>           |
|-----|------------------------------------|----------------------------|------------------|---------------------------|
| 208 | <i>Linum medium var. texanum</i>   | Texas yellow flax          | Linaceae         |                           |
| 209 | <i>Linum striatum</i>              | Ridged yellow flax         | Linaceae         |                           |
| 210 | <i>Liquidambar styraciflua</i>     | Sweetgum                   | Altingiaceae     |                           |
| 211 | <i>Liriodendron tulipifera</i>     | Tulip poplar               | Magnoliaceae     |                           |
| 212 | <i>Liriope spicata</i>             | Creeping turf lily         | Ruscaceae        |                           |
| 213 | <i>Listera australis</i>           | Southern twayblade         | Orchidaceae      | County record, S2, G4     |
| 214 | <i>Lobelia inflata</i>             | Indian tobacco             | Campanulaceae    |                           |
| 215 | <i>Lobelia puberula</i>            | Downy lobelia              | Campanulaceae    |                           |
| 216 | <i>Lolium arundinaceum</i>         | Tall fescue                | Poaceae          | Not native, invasive      |
| 217 | <i>Lonicera japonica</i>           | Japanese honeysuckle       | Caprifoliaceae   | Not native, invasive      |
| 218 | <i>Lorinseria areolata</i>         | Netted chain fern          | Blechnaceae      |                           |
| 219 | <i>Ludwigia alternifolia</i>       | Alternate-leaf seedbox     | Onagraceae       |                           |
| 220 | <i>Ludwigia decurrens</i>          | Wingstem water primrose    | Onagraceae       |                           |
| 221 | <i>Ludwigia palustris</i>          | Marsh seedbox              | Onagraceae       |                           |
| 222 | <i>Luzula bulbosa</i>              | Bulbous wood rush          | Juncaceae        |                           |
| 223 | <i>Lycopus rubellus</i>            | Stalked bugleweed          | Lamiaceae        | County record             |
| 224 | <i>Lycopus virginicus</i>          | Virginia bugleweed         | Lamiaceae        |                           |
| 225 | <i>Lygodium japonicum</i>          | Japanese climbing fern     | Lygodiaceae      | Not native, invasive      |
| 226 | <i>Lysimachia ciliata</i>          | Fringed loosestrife        | Primulaceae      |                           |
| 227 | <i>Macrothelypteris torresiana</i> | Mariana maiden fern        | Thelypteridaceae | Not native, County record |
| 228 | <i>Magnolia grandiflora</i>        | Southern magnolia          | Magnoliaceae     |                           |
| 229 | <i>Magnolia virginiana</i>         | Sweet bay magnolia         | Magnoliaceae     |                           |
| 230 | <i>Maianthemum racemosum</i>       | Solomon's plume            | Ruscaceae        |                           |
| 231 | <i>Malaxis unifolia</i>            | Green adder's mouth orchid | Orchidaceae      |                           |
| 232 | <i>Matelea carolinensis</i>        | Carolina milkvine          | Apocynaceae      |                           |
| 233 | <i>Mazus pumilus</i>               | Japanese mazus             | Mazaceae         | Not native                |
| 234 | <i>Melothria pendula</i>           | Melonette                  | Cucurbitaceae    |                           |
| 235 | <i>Microstegium vimineum</i>       | Japanese stilt grass       | Poaceae          | Not native, invasive      |
| 236 | <i>Mikania scandens</i>            | Climbing hempvine          | Asteraceae       |                           |
| 237 | <i>Mimosa microphylla</i>          | Littleleaf mimosa          | Fabaceae         |                           |
| 238 | <i>Mitchella repens</i>            | Partridge berry            | Rubiaceae        |                           |



|     | <i>Taxon name</i>                                 | <b>Common name</b>        | <b>Family</b>    | <b>Comments</b>                     |
|-----|---|---------------------------|------------------|-------------------------------------|
| 239 | <i>Monarda fistulosa</i>                          | Eastern bergamot          | Lamiaceae        |                                     |
| 240 | <i>Monotropa uniflora</i>                         | Ghost plant               | Ericaceae        |                                     |
| 241 | <i>Morus rubra</i>                                | Red mulberry              | Moraceae         |                                     |
| 242 | <i>Muhlenbergia schreberi</i>                     | Nimblewill                | Poaceae          |                                     |
| 243 | <i>Muscadinia rotundifolia</i>                    | Muscadine                 | Vitaceae         |                                     |
| 244 | <i>Nabalus altissimus</i>                         | Tall rattlesnake root     | Asteraceae       |                                     |
| 245 | <i>Nandina domestica</i>                          | Heavenly bamboo           | Berberidaceae    | County record, not native, invasive |
| 246 | <i>Narcissus pseudonarcissus</i>                  | Common daffodil           | Amaryllidaceae   | Not native                          |
| 247 | <i>Narcissus x odorus</i>                         | Campernelle Jonquil       | Amaryllidaceae   | Not native                          |
| 248 | <i>Nyssa sylvatica</i>                            | Black gum                 | Nyssaceae        |                                     |
| 249 | <i>Oenothera biennis</i>                          | Common evening primrose   | Onagraceae       |                                     |
| 250 | <i>Oenothera fruticosa</i> var. <i>subglobosa</i> | Flatrock sundrops         | Onagraceae       |                                     |
| 251 | <i>Oenothera linifolia</i>                        | Threadleaf sundrops       | Onagraceae       |                                     |
| 252 | <i>Onoclea sensibilis</i>                         | Sensitive fern            | Onocleaceae      |                                     |
| 253 | <i>Ophioglossum pycnostichum</i>                  | Southern adder's tongue   | Ophioglossaceae  | County record                       |
| 254 | <i>Opuntia cespitosa</i>                          | Red-flowered prickly pear | Cactaceae        |                                     |
| 255 | <i>Osmundastrum cinnamomeum</i>                   | Cinnamon fern             | Osmundaceae      |                                     |
| 256 | <i>Oxalis dillenii</i>                            | Gray green wood sorrel    | Oxalidaceae      |                                     |
| 257 | <i>Oxalis stricta</i>                             | Common yellow wood sorrel | Oxalidaceae      |                                     |
| 258 | <i>Oxalis violacea</i>                            | Violet wood sorrel        | Oxalidaceae      |                                     |
| 259 | <i>Oxydendrum arboreum</i>                        | Sourwood                  | Ericaceae        |                                     |
| 260 | <i>Packera anonyma</i>                            | Appalachian ragwort       | Asteraceae       |                                     |
| 261 | <i>Parathelypteris noveboracensis</i>             | New York fern             | Thelypteridaceae |                                     |
| 262 | <i>Parthenocissus quinquefolia</i>                | Virginia creeper          | Vitaceae         |                                     |
| 263 | <i>Paspalum dilatatum</i>                         | Golden crowngrass         | Poaceae          | Not native                          |
| 264 | <i>Paspalum setaceum</i>                          | Slender crowngrass        | Poaceae          | County record                       |
| 265 | <i>Passiflora incarnata</i>                       | Purple passion flower     | Passifloraceae   |                                     |
| 266 | <i>Passiflora lutea</i>                           | Yellow passion flower     | Passifloraceae   |                                     |
| 267 | <i>Penstemon australis</i>                        | Southern beardtongue      | Plantaginaceae   |                                     |

|     | <i>Taxon name</i>                 | <b>Common name</b>         | <b>Family</b>    | <b>Comments</b>                     |
|-----|-----------------------------------|----------------------------|------------------|-------------------------------------|
| 268 | <i>Perilla frutescens</i>         | Beefsteak plant            | Lamiaceae        | Not native, invasive, County record |
| 269 | <i>Persicaria hydropiperoides</i> | Swamp smartweed            | Polygonaceae     |                                     |
| 270 | <i>Persicaria longiseta</i>       | Long Bristle Smartweed     | Polygonaceae     | Not native, invasive                |
| 271 | <i>Persicaria setacea</i>         | Bog Smartweed              | Polygonaceae     |                                     |
| 272 | <i>Phacelia dubia</i>             | Small flower scorpion weed | Hydrophyllaceae  |                                     |
| 273 | <i>Phacelia maculata</i>          | Spotted scorpion weed      | Hydrophyllaceae  |                                     |
| 274 | <i>Phegopteris hexagonoptera</i>  | Broad beech fern           | Thelypteridaceae |                                     |
| 275 | <i>Philadelphus hirsutus</i>      | Hairy mock orange          | Hydrangeaceae    | County record                       |
| 276 | <i>Photinia serratifolia</i>      | Taiwanese redbtip          | Rosaceae         | Not native                          |
| 277 | <i>Phyllanthus caroliniensis</i>  | Carolina leaf flower       | Phyllanthaceae   |                                     |
| 278 | <i>Physalis heterophylla</i>      | Clammy ground cherry       | Solanaceae       |                                     |
| 279 | <i>Phytolacca americana</i>       | American pokeweed          | Phytolaccaceae   |                                     |
| 280 | <i>Pinus palustris</i>            | Longleaf pine              | Pinaceae         |                                     |
| 281 | <i>Pinus taeda</i>                | Loblolly pine              | Pinaceae         |                                     |
| 282 | <i>Pinus virginiana</i>           | Virginia pine              | Pinaceae         |                                     |
| 283 | <i>Piptochaetium avenaceum</i>    | Eastern needlegrass        | Poaceae          |                                     |
| 284 | <i>Pityopsis aspera</i>           | Carolina silkgrass         | Asteraceae       |                                     |
| 285 | <i>Plantago aristata</i>          | Large bract plantain       | Plantaginaceae   |                                     |
| 286 | <i>Plantago heterophylla</i>      | Slender plantain           | Plantaginaceae   | County record                       |
| 287 | <i>Plantago virginica</i>         | Virginia plantain          | Plantaginaceae   |                                     |
| 288 | <i>Platanthera clavellata</i>     | Small green wood orchid    | Orchidaceae      |                                     |
| 289 | <i>Platanthera cristata</i>       | Crested fringed orchid     | Orchidaceae      |                                     |
| 290 | <i>Pleopeltis michauxiana</i>     | Resurrection fern          | Polypodiaceae    |                                     |
| 291 | <i>Poa autumnalis</i>             | Autumn bluegrass           | Poaceae          | County record                       |
| 292 | <i>Polygala ambigua</i>           | Loose milkwort             | Polygalaceae     | County record                       |
| 293 | <i>Polygala incarnata</i>         | Procession flower          | Polygalaceae     | County record                       |
| 294 | <i>Polygonatum biflorum</i>       | Solomon's seal             | Ruscaceae        |                                     |
| 295 | <i>Polypremum procumbens</i>      | Rustweed                   | Tetrachondraceae |                                     |
| 296 | <i>Polystichum acrostichoides</i> | Christmas fern             | Dryopteridaceae  |                                     |
| 297 | <i>Pontederia cordata</i>         | Pickerel weed              | Pontederiaceae   |                                     |
| 298 | <i>Potentilla indica</i>          | Mock strawberry            | Rosaceae         | Not native, invasive                |

|     | <i>Taxon name</i>                               | <b>Common name</b>           | <b>Family</b>   | <b>Comments</b>                     |
|-----|---|------------------------------|-----------------|-------------------------------------|
| 299 | <i>Potentilla simplex</i>                       | Common cinquefoil            | Rosaceae        |                                     |
| 300 | <i>Prunella vulgaris</i> var. <i>lanceolata</i> | American self heal           | Lamiaceae       |                                     |
| 301 | <i>Prunus serotina</i>                          | Black cherry                 | Rosaceae        |                                     |
| 302 | <i>Pseudognaphalium obtusifolium</i>            | Eastern rabbit tobacco       | Asteraceae      |                                     |
| 303 | <i>Ptilimnium capillaceum</i>                   | Herb William                 | Apiaceae        |                                     |
| 304 | <i>Pycnanthemum incanum</i>                     | Southern hoary mountain mint | Lamiaceae       |                                     |
| 305 | <i>Pycnanthemum loomisii</i>                    | Loomis' mountain mint        | Lamiaceae       |                                     |
| 306 | <i>Pyrus calleryana</i>                         | Bradford pear                | Rosaceae        | Not native, invasive                |
| 307 | <i>Quercus alba</i>                             | Northern white oak           | Fagaceae        |                                     |
| 308 | <i>Quercus falcata</i>                          | Southern red oak             | Fagaceae        |                                     |
| 309 | <i>Quercus marilandica</i>                      | Black Jack oak               | Fagaceae        |                                     |
| 310 | <i>Quercus nigra</i>                            | Water oak                    | Fagaceae        |                                     |
| 311 | <i>Quercus nigra X stellata</i>                 | Hybrid oak                   | Fagaceae        | This oak needs more study           |
| 312 | <i>Quercus rubra</i>                            | Northern red oak             | Fagaceae        |                                     |
| 313 | <i>Quercus stellata</i>                         | Post oak                     | Fagaceae        |                                     |
| 314 | <i>Ranunculus hispidus</i>                      | Bristly buttercup            | Ranunculaceae   | County record                       |
| 315 | <i>Ranunculus pusillus</i>                      | Low buttercup                | Ranunculaceae   |                                     |
| 316 | <i>Ranunculus recurvatus</i>                    | Hooked crowfoot              | Ranunculaceae   |                                     |
| 317 | <i>Rhexia mariana</i>                           | Pale meadow beauty           | Melastomataceae |                                     |
| 318 | <i>Rhexia virginica</i>                         | Handsome Harry               | Melastomataceae |                                     |
| 319 | <i>Rhododendron viscosum</i>                    | Swamp azalea                 | Ericaceae       |                                     |
| 320 | <i>Rhynchosia tomentosa</i>                     | Twining snout bean           | Fabaceae        |                                     |
| 321 | <i>Rosa lucieae</i>                             | Dorothy Perkins rose         | Rosaceae        | Not native                          |
| 322 | <i>Rosa multiflora</i>                          | Multiflora rose              | Rosaceae        | Not native, invasive, County record |
| 323 | <i>Rubus cuneifolius</i>                        | Sand blackberry              | Rosaceae        | County record                       |
| 324 | <i>Rubus flagellaris</i>                        | Whiplash dewberry            | Rosaceae        |                                     |
| 325 | <i>Rubus pensilvanicus</i>                      | Southern Blackberry          | Rosaceae        |                                     |
| 326 | <i>Rubus trivialis</i>                          | Southern dewberry            | Rosaceae        | County record                       |
| 327 | <i>Ruellia caroliniensis</i>                    | Hairy wild petunia           | Acanthaceae     |                                     |

|     | <i>Taxon name</i>                  | <b>Common name</b>         | <b>Family</b>   | <b>Comments</b>              |
|-----|------------------------------------|----------------------------|-----------------|------------------------------|
| 328 | <i>Rumex acetosella</i>            | Sheep sorrel               | Polygonaceae    | Not native,<br>invasive      |
| 329 | <i>Salvia lyrata</i>               | Lyre leaf sage             | Lamiaceae       |                              |
| 330 | <i>Salvia urticifolia</i>          | Nettle leaf sage           | Lamiaceae       |                              |
| 331 | <i>Sambucus canadensis</i>         | Common elderberry          | Adoxaceae       |                              |
| 332 | <i>Sanicula canadensis</i>         | Canadian black snakeroot   | Apiaceae        |                              |
| 333 | <i>Sanicula smallii</i>            | Small's black snakeroot    | Apiaceae        |                              |
| 334 | <i>Sassafras albidum</i>           | Sassafras                  | Lauraceae       |                              |
| 335 | <i>Schizachyrium scoparium</i>     | Little bluestem            | Poaceae         |                              |
| 336 | <i>Scirpus cyperinus</i>           | Wool grass                 | Cyperaceae      |                              |
| 337 | <i>Scleria oligantha</i>           | Little head nutrush        | Cyperaceae      |                              |
| 338 | <i>Scutellaria elliptica</i>       | Hairy skullcap             | Lamiaceae       |                              |
| 339 | <i>Scutellaria integrifolia</i>    | Helmet skullcap            | Lamiaceae       |                              |
| 340 | <i>Scutellaria ovata</i>           | Heartleaf skullcap         | Lamiaceae       |                              |
| 341 | <i>Silene stellata</i>             | Starry campion             | Caryophyllaceae |                              |
| 342 | <i>Silphium compositum</i>         | Composite leaf rosinweed   | Asteraceae      |                              |
| 343 | <i>Sisyrinchium angustifolium</i>  | Narrowleaf blue eyed grass | Iridaceae       |                              |
| 344 | <i>Sisyrinchium rosulatum</i>      | Fairy stars                | Iridaceae       | Not native,<br>County record |
| 345 | <i>Smilax bona-nox</i>             | Saw greenbrier             | Smilacaceae     |                              |
| 346 | <i>Smilax glauca</i>               | White leaf catbrier        | Smilacaceae     |                              |
| 347 | <i>Smilax laurifolia</i>           | BlaspHEME vine             | Smilacaceae     |                              |
| 348 | <i>Smilax rotundifolia</i>         | Common greenbriar          | Smilacaceae     |                              |
| 349 | <i>Solanum carolinense</i>         | Carolina horse nettle      | Solanaceae      |                              |
| 350 | <i>Solanum nigrum</i>              | European black nightshade  | Solanaceae      | Not native,<br>County record |
| 351 | <i>Solidago altissima</i>          | Tall goldenrod             | Asteraceae      |                              |
| 352 | <i>Solidago arguta</i>             | Sharpleaf goldenrod        | Asteraceae      |                              |
| 353 | <i>Solidago caesia</i>             | Wreath goldenrod           | Asteraceae      |                              |
| 354 | <i>Solidago erecta</i>             | Slender goldenrod          | Asteraceae      |                              |
| 355 | <i>Solidago nemoralis</i>          | Eastern gray goldenrod     | Asteraceae      |                              |
| 356 | <i>Solidago odora</i>              | Sweet goldenrod            | Asteraceae      |                              |
| 357 | <i>Solidago patula</i>             | Swamp goldenrod            | Asteraceae      | County record                |
| 358 | <i>Solidago rugosa var. aspera</i> | Wrinkle-leaf goldenrod     | Asteraceae      |                              |

|     | <i>Taxon name</i>                             | <b>Common name</b>                  | <b>Family</b>    | <b>Comments</b>      |
|-----|---|-------------------------------------|------------------|----------------------|
| 359 | <i>Sorghastrum nutans</i>                     | Yellow indian grass                 | Poaceae          |                      |
| 360 | <i>Spiranthes lacera</i> var. <i>gracilis</i> | Southern slender ladies' tresses    | Orchidaceae      |                      |
| 361 | <i>Steinchisma hians</i>                      | Gaping panic grass                  | Poaceae          |                      |
| 362 | <i>Stellaria media</i>                        | Common chickweed                    | Caryophyllaceae  |                      |
| 363 | <i>Stylosanthes biflora</i>                   | Sidebeak pencil flower              | Fabaceae         |                      |
| 364 | <i>Symphyotrichum dumosum</i>                 | White bushy aster                   | Asteraceae       |                      |
| 365 | <i>Symphyotrichum lateriflorum</i>            | Calico aster                        | Asteraceae       |                      |
| 366 | <i>Symphyotrichum patens</i>                  | Late purple aster                   | Asteraceae       |                      |
| 367 | <i>Symplocos tinctoria</i>                    | Horse sugar                         | Symplocaceae     |                      |
| 368 | <i>Tephrosia spicata</i>                      | Spiked hoary pea                    | Fabaceae         |                      |
| 369 | <i>Tipularia discolor</i>                     | Cranefly orchid                     | Orchidaceae      |                      |
| 370 | <i>Toxicodendron radicans</i>                 | Eastern poison ivy                  | Anacardiaceae    |                      |
| 371 | <i>Tradescantia ohiensis</i>                  | Ohio spiderwort                     | Commelinaceae    |                      |
| 372 | <i>Tragia urticifolia</i>                     | Nettle-leaf noseburn                | Euphorbiaceae    |                      |
| 373 | <i>Trichostema dichotomum</i>                 | Common bluecurls                    | Lamiaceae        |                      |
| 374 | <i>Trichostema setaceum</i>                   | Narrowleaf bluecurls                | Lamiaceae        |                      |
| 375 | <i>Tridens flavus</i>                         | Purpletop greasegrass               | Poaceae          |                      |
| 376 | <i>Trifolium campestre</i>                    | Low hop clover                      | Fabaceae         | Not native           |
| 377 | <i>Triodanis perfoliata</i>                   | Clasping leaf Venus's looking glass | Campanulaceae    |                      |
| 378 | <i>Typha latifolia</i>                        | Cat tail                            | Typhaceae        |                      |
| 379 | <i>Uvularia perfoliata</i>                    | Perfoliate bellwort                 | Colchicaceae     |                      |
| 380 | <i>Vaccinium arboreum</i>                     | Sparkleberry                        | Ericaceae        |                      |
| 381 | <i>Vaccinium elliotii</i>                     | Mayberry                            | Ericaceae        |                      |
| 382 | <i>Vaccinium pallidum</i>                     | Early lowbush blueberry             | Ericaceae        |                      |
| 383 | <i>Vaccinium stamineum</i>                    | Deerberry                           | Ericaceae        |                      |
| 384 | <i>Valerianella radiata</i>                   | Beaked cornsalad                    | Caprifoliaceae   |                      |
| 385 | <i>Verbascum thapsus</i>                      | Woolly mullein                      | Scrophulariaceae | Not native, invasive |
| 386 | <i>Verbena brasiliensis</i>                   | Brazilian vervain                   | Verbenaceae      | Not native           |
| 387 | <i>Verbesina alternifolia</i>                 | Wingstem                            | Asteraceae       |                      |
| 388 | <i>Vernonia gigantea</i>                      | Giant ironweed                      | Asteraceae       |                      |
| 389 | <i>Veronica peregrina</i>                     | Common purslane speedwell           | Plantaginaceae   | Not native           |

|     | <b><i>Taxon name</i></b>                | <b>Common name</b>             | <b>Family</b> | <b>Comments</b>         |
|-----|---|--------------------------------|---------------|-------------------------|
| 390 | <b><i>Viburnum rufidulum</i></b>        | Rusty blackhaw                 | Adoxaceae     |                         |
| 391 | <b><i>Vinca major</i></b>               | Greater periwinkle             | Apocynaceae   | Not native,<br>invasive |
| 392 | <b><i>Viola affinis</i></b>             | Sand violet                    | Violaceae     |                         |
| 393 | <b><i>Viola bicolor</i></b>             | Field pansy                    | Violaceae     |                         |
| 394 | <b><i>Viola hirsutula</i></b>           | Southern<br>woodland violet    | Violaceae     | County record           |
| 395 | <b><i>Viola sororia</i></b>             | Common blue<br>violet          | Violaceae     |                         |
| 396 | <b><i>Vitis cinerea</i></b>             | Downy grape                    | Vitaceae      | County record           |
| 397 | <b><i>Wisteria sinensis</i></b>         | Chinese wisteria               | Fabaceae      | Not native,<br>invasive |
| 398 | <b><i>Xanthorhiza simplicissima</i></b> | Yellowroot                     | Ranunculaceae |                         |
| 399 | <b><i>Xyris jupicai</i></b>             | Richard's yellow<br>eyed grass | Xyridaceae    |                         |
| 400 | <b><i>Youngia thunbergiana</i></b>      | Youngia                        | Asteraceae    | County record           |
| 401 | <b><i>Yucca flaccida</i></b>            | Flaccid leaf yucca             | Agavaceae     |                         |