

AN ANNOTATED CATALOG OF THE VASCULAR FLORA OF THE FORT DONELSON NATIONAL BATTLEFIELD AND CEMETERY

PTERIDOPHYTA, FERNS AND FERN ALLIES

ASPLENIACEAE, Spleenwort Family

Asplenium platyneuron (L.) B.S.P., Ebony Spleenwort. Slope forests, fields, thickets; frequent [13963].

Asplenium rhizophyllum L., Walking Fern. Shaded river bluffs; rare [14101].

DRYOPTERIDACEAE, Wood-Fern Family

Cystopteris bulbifera (L.) Bernh., Bulblet Bladder Fern. Shaded river bluffs; rare [84-218].

Cystopteris protrusa (Weatherby) Blasdell, Southern Fragile Fern. Ravine and mesic slope forests; occasional [14244].

Deparia acrostichoides (Sw.) M. Kato [*Athyrium thelypteroides* (Michx.) Desv.], Silvery Glade Fern. Ravine forests; rare [14525].

Onoclea sensibilis L., Sensitive Fern. Wet woods in bays of Hickman Creek; rare [14121].

Polystichum acrostichoides (Michx.) Schott., Christmas Fern. Mesic woodlands; frequent [13964].

LYCOPODIACEAE, Club-Moss Family

Diphasiastrum digitatum (A. Braun) Holub. [*Lycopodium flabelliforme* (Fern.) Blanch.], Ground Cedar, Running Pine. Openings in ravine and slope forests; locally abundant [14026].

OPHIOGLOSSACEAE, Adder's-Tongue Family

Botrychium biternatum (Sav.) Underwood, Southern Grape Fern. Dry slope forests and fields;

occasional [14012].

Botrychium dissectum Spreng., Dissected Grape Fern. Dry slope forests, fields, and thickets; occasional [13965].

Botrychium virginianum (L.) Swartz, Rattlesnake Fern. Mesic woodlands; occasional [14223].

Ophioglossum vulgatum L., Southeastern Adder's-Tongue. Mesic woodland; rare [14116].

POLYPODIACEAE, Polypody Family

Pleopeltis polypodioides (L.) Andrews & Windham [*Polypodium polypodioides* (L.) Watt.], Resurrection Fern. Shaded river bluffs; rare [84-220].

PTERIDACEAE, Maidenhair Fern Family

Adiantum pedatum L., Maidenhair Fern. Mesic, wood slopes; very rare [14317].

SELAGINELLACEAE, Spike-Moss Family

Selaginella apoda (L.) Spring., Spike Moss. Seeps at base of river bluffs; rare [14139].

THELYPTERIDACEAE, Marsh-Fern Family

Phegopteris hexagonoptera (Michx.) Fee [*Thelypteris hexagonoptera* (Michx.) Weatherby], Broad Beech Fern. Slope forests; occasional [14224].

SPERMATOPHYTA: GYMNOSPERMAE

CUPRESSACEAE, Cedar Family

Juniperus virginiana L., Red Cedar. Dry woodlands, fields, and fencerows; abundant [14221].

**Thuja occidentalis* L., Arbor-Vitae. Based on Chester 84-147 (APSC) . The old, large tree in the National Cemetery has now been removed and this species probably no longer occurs in FDNMP.

PINACEAE, Pine Family

**Picea abies* (L.) Karst., Norway Spruce. Planted in the National Cemetery [14430]

**Pinus echinata* Mill., Shortleaf/Yellow Pine. Fields and cultural sites; rare [14066].

**Pinus strobus* L., Eastern White Pine. Planted in slope forests, fields, and cultural sites [14419].

**Pinus taeda* L., Loblolly Pine. Fields, cultural sites; planted, spreading [14386].

**Tsuga canadensis* (L.) Carr., Eastern Hemlock. Planted in the National Cemetery and other cultural sites [14431].

TAXODIACEAE, Bald Cypress Family

**Taxodium distichum* (L.) Rich., Bald Cypress. Few small trees planted near mouth of Indian Creek; native to the area on the Tennessee River only [13988].

SPERMATOPHYTA: ANGIOSPERMAE-MONOCOTYLEDONAE

AGAVACEAE, Century-Plant Family

**Yucca filamentosa* L., Beargrass, Spanish Bayonet. Dry roadbanks, disturbed sites; rare [14315].

ALISMATACEAE, Water-Plantain Family

Sagittaria calycinus Engelm., Arrowhead. Mudflats, wet meadows; occasional [14549].

ARACEAE, Arum Family

Arisaema dracontium (L.) Schott, Green Dragon. Low forests; occasional [14191].

Arisaema triphyllum (L.) Schott, Jack-in-the-Pulpit. Mesic woodlands; occasional [14098].

COMMELINACEAE, Spiderwort Family

**Commelina communis* L., Dayflower. Disturbed areas, thickets; locally abundant [84-301].

Commelina diffusa Burm., Creeping Dayflower. Moist, disturbed area; locally abundant [14469].

Commelina virginica L., Virginia Dayflower. Edges of mesic woodlands; rare [14440].

Tradescantia subaspera Ker-Gawl., Harsh Spiderwort. Mesic woodlands and bluffs; rare [14264].

CYPERACEAE, Sedge Family

Carex abscondita Mack., Hidden-Fruited Sedge. Mesic slope woods; rare [14243].

Carex albicans Willd. ex Spreng.[*C. artitecta* Mackenzie], Covered Sedge. Slope forests; occasional [14147].

Carex albursina Sheldon, Pale Sedge. Rich, mesic woods; rare [14203].

Carex amphibola Steud., Ambiguous Sedge. Swampy thickets; rare [14531].

Carex annectens (Bickn.) Bickn., Connected Sedge. Wet meadows; occasional [14262].

Carex blanda Dewey, Charming Sedge. Slope forests; locally abundant [14148].

Carex cephalophora Muhl. ex Willd., Headed Sedge. Dry slope forests; occasional [14225].

Carex crus-corvi Shuttlw., Crow-Spur Sedge. Wet sites; rare [14253].

Carex digitalis Willd., Slender Sedge. Slope forests; occasional [14520].

Carex festucacea Schkuhr ex Willd., Fescue-Like Sedge. Marshes and wet meadows; locally abundant [82-307, 82-308].

Carex frankii Kunth, Frank's Sedge. Ditches, low fields; infrequent [14305].

Carex grayii Carey, Gray's Sedge. Lowland forests; abundant [13956].

Carex hirsutella Mackenzie, Hairy Sedge. Dry slope forests, fields; occasional [14213].

Carex jamesii Schwein., James' Sedge. Mesic slope forests; occasional [14137].

Carex leavenworthii Dewey, Leavenworth's Sedge. Fields and lawns; occasional [14206].

Carex muhlenbergii Schk., Muhlenberg's Sedge. Dry slope forests; occasional [14214].

Carex oxylepis Torr. & Hook., Sharp-Scale Sedge. Mesic, wooded slopes; occasional [14326].

Carex retroflexa Muhl. ex Willd., Reflexed Sedge. Dry slope forests, fields; occasional [14138].

Carex rosea Schkuhr ex Willd., Rose-Like Sedge. Mesic woods; rare [14523].

Carex squarrosa L., Squarrose Sedge. Wet woods and fields; rare [14349].

Carex tribuloides Wahlenb., Tribulus-Like Sedge. Wet meadows; occasional [83-231].

Carex typhina Michx., Cattail Sedge. Wet meadows, swampy thickets; occasional [14304].

Carex vulpinoidea Michx., Foxtail Sedge. Wet meadows, swampy thickets; occasional [14303].

Cyperus echinatus (L.) Wood. [*C. ovularis* (Michx.) Torr.], Egg-Shaped Sedge. Fields, meadows; occasional [13921].

Cyperus erythrorhizos Muhl., Red-Rooted Sedge. Mudflats, swamp thickets; occasional [14493].

Cyperus esculentus L., Yellow Nut-Sedge. Mudflats; abundant [13973].

Cyperus flavicomus Michx. [*C. albomarginatus* Mart. & Schrad.], White-Margined Sedge. Mudflats; occasional [14007].

Cyperus odoratus L. [*C. ferruginescens* Boeckl.], Rusty Sedge. Mudflats; rare [83-469].

Cyperus squarrosus L. [*C. aristatus* Rottb.], Aristate Sedge. Mudflats; frequent [13981].

Cyperus strigosus L., Strigose Sedge. Wet meadows, ditches, swampy areas; occasional [14418].

Eleocharis acicularis (L.) R.&S., Needle-Leaf Spike-Rush. Mudflats; locally abundant [14455].

Eleocharis obtusa (Willd.) Schultes, Blount Spike-Rush. Mudflats, wet meadows; locally abundant [14543].

Fimbristylis autumnalis (L.) Roem. & Schultes, Autumnal Fimbristylis. Mudflats; abundant [14477].

Fimbristylis vahlii (Lam.) Link, Vahl's Fimbristylis. Mudflats; locally abundant [13982].

Lipocarpa aristulata (Coville) G. Tucker [*Hemicarpha micrantha* (Vahl.) Pax.], Small-Flowered Hemicarpha. Mudflats; locally abundant [14478].

Scirpus cyperinus (L.) Kunth, Red Bulrush. Marshes, swamp thickets; locally abundant [82-814].

DIOSCOREACEAE, Yam Family

**Dioscorea batatas* Dcne., Chinese Yam, Cinnamon Vine. Mesic thickets; locally abundant [14374].

Dioscorea villosa L., Wild Yam. Slope forests, fields; occasional [14446].

IRIDACEAE, Iris Family

Iris cristata Ait., Crested Dwarf Iris. Mesic outcrops and bluffs; rare [14120].

**Iris germanica* L., Garden Iris. Spreading vegetatively around old plantings; rare [14152].

Sisyrinchium albidum Raf., Blue-Eyed Grass. Mesic fields and meadows; rare [14190].

JUNCACEAE, Rush Family

Juncus effusus L., Soft Rush. Wet ditches; rare [14545].

Juncus tenuis Willd., Path Rush. Trails, cultural sites; locally abundant [14328].

Luzula bulbosa (Wood) Smyth & Smyth, Bulbous Woodrush. Dry fields and lawns; locally abundant [14047].

Luzula echinata (Small) Herm., Common Woodrush. Dry fields, slope forests; occasional [14062].

LILIACEAE, Lily Family (incl. AMARYLLIDACEAE)

Allium canadense L., Wild Onion. Wet meadows, fields and woods; occasional [14162].

**Allium sativum* L. A cultivar similar to (and may be) Garden Garlic. Spreading around an old homesite; rare [14342].

**Allium vineale* L., Field Garlic. Open fields throughout; abundant [14207].

Chamaelirium luteum (L.) Gray, Fairy Wand, Blazing Star. Mesic slope forests; occasional [14240].

Disporum lanuginosum (Michx.) Nichols., Yellow Mandarin. Mesic slope forests; rare [14524].

Erythronium albidum Nutt., White Dog's-Tooth Violet. Slope forests above Hickman Creek; rare [14063].

**Hemerocallis fulva* (L.) L., Orange Day-Lily. Persisting and spreading around cultural sites; locally abundant [14334].

Hymenocallis caroliniana (L.) Herbert [*H. occidentalis* (LeConte) Kunth], Spider-Lily. Mesic thickets and woods; rare [14443].

**Leucojum aestivum* L., Snowflake. Persisting around an old homesite; rare [14084].

Lilium michiganense Farw., Michigan Lily. Mesic slopes; very rare [14087].

Maianthemum racemosum (L.) Link [*Smilacina racemosa* (L.) Desf.], False Solomon's-Seal. Slope forests, thickets; rare [14528].

**Muscari botryoides* (L.) Mill., Grape Hyacinth. Persisting and spreading around cultural sites; rare [14057].

**Narcissus poeticus* L., White Narcissus. Spreading around homesites; locally abundant [14056].

**Narcissus pseudonarcissus* L., Buttercup, Daffodil. Same habitats and often with but more common than *N. poeticus* [14037].

**Ornithogalum umbellatum* L., Star-of-Bethlehem. Persisting and spreading around old homesites; locally abundant [14155].

Polygonatum biflorum (Walt.) Ell., Solomon's-Seal. Mesic slope forests; rare [14527].

Trillium flexipes Raf., White Trillium. Mesic woodlands; locally abundant [14126].

Trillium recurvatum Beck, Recurved Trillium. Dry slope forests; frequent 14073].

Uvularia grandiflora Smith, Bellwort. Mesic woodlands; occasional [14249].

ORCHIDACEAE, Orchid Family

Spiranthes lacera (Raf.) Raf. var. *gracilis* (Bigelow) Luer [*S. gracilis* (Bigelow) Beck], Slender Ladies' Tresses. Open, upland woods; rare [13882, 14011].

Spiranthes tuberosa Raf. [*S. grayi* Ames], Little Ladies' Tresses. Open, upland woods and fields; rare [14429].

Tipularia discolor (Pursh) Nutt., Crane-fly Orchid. Dry ridge and slope forests; occasional [14402].

POACEAE, Grass Family

Agrostis elliottiana Schultes, Elliott's Bentgrass. Dry, sandy roadsides; rare [84-75].

**Agrostis gigantea* Roth [*A. alba* L.], Redtop. Dry fields and roadsides; occasional [14347].

Agrostis hyemalis (Walt.) B.S.P., Ticklegrass, Hairgrass. Successional fields; occasional [83-96].

Agrostis perennans (Walt.) Tuck., Upland Bentgrass. Slope forests, fields; frequent [13899].

**Aira elegans* Willd. ex Kunth, Elegant Hairgrass. Roadsides and fields; locally abundant [14197].

Alopecurus carolinianus Walt., Carolina Foxtail. Wet meadows; occasional [14179].

Andropogon gyrans Ashe [*A. elliottii* Chapm.], Elliott's Broom Sedge. Old fields; occasional [14464].

Andropogon ternarius Michx., Silver Broom Sedge. Old fields; rare [13924].

Andropogon virginicus L., Common Broom Sedge. Old fields, open woods and thickets; frequent [13925, 14465].

Aristida longespica Poir., Spiked Needlegrass. Dry, eroded fields; locally abundant [13957].

Aristida oligantha Michx., Few-Flowered Needlegrass. Dry fields, disturbed sites; locally abundant [14457].

Aristida purpurascens Poir., Purple Needlegrass. Dry fields and roadsides; rare [13884].

**Arthraxon hispidus* (Thunb.) Makino, Joint Grass. Mesic thickets and fields; locally abundant [14494].

Arundinaria gigantea (Walt.) Muhl., River Cane. Riverbank thickets; rare [13971].

Brachyelytrum erectum (Schreb.) Beauv., Huskgrass. Slope and ravine forests; occasional [14417].

**Bromus commutatus* Schrad., Common Brome Grass. Roadsides, cultural sites; occasional [14239].

**Bromus japonicus* Thunb. ex Murr., Japanese Brome Grass. Weedy meadows, disturbed sites; locally abundant [14256].

Bromus pubescens Muhl. ex Willd. [*B. purgans* L.], Woodland Brome Grass. Mesic woodlands; occasional [14536].

**Bromus tectorum* L., Brome Grass. Weedy meadows, roadsides, disturbed sites; locally abundant [14238].

Chasmanthium latifolium (Michx.) Yates [*Uniola latifolia* Michx.], Wild Oats. Moist, wooded

bluffs and outcrops; occasional [13949].

Cinna arundinacea L., Woodreed Grass. Low woods and streambanks; occasional to rare [13997].

**Cynodon dactylon* (L.) Pers., Bermuda Grass. Cultural sites; locally abundant [14282].

**Dactylis glomerata* L., Orchard Grass. Fields, cultural sites; occasional [14175].

Danthonia spicata (L.) Beauv., Poverty Grass. Dry fields and roadbanks; occasional [14183].

Dichanthelium boscii (Poir.) Gould [*Panicum boscii* Poir.], Bosc's Panic Grass. Fields, woods; occasional [14270, 14538].

Dichanthelium clandestinum (L.) Gould [*Panicum clandestinum* L.], Deer-Tongue Panic Grass. Infrequent in open fields [14348, 14539].

Dichanthelium commutatum (Schultes) Gould [*Panicum commutatum* Schultes], Changeable Panic Grass. Dry woodlands and thickets; occasional [84-162].

Dichanthelium depauperatum (Muhl.) Gould [*Panicum depauperatum* Muhl.], Impoverished Panic Grass. Dry fields, ridge forests; occasional 84-73].

Dichanthelium dichotomum (L.) Gould [*Panicum dichotomum* L.], Forking Panic Grass. Old fields; occasional [14215].

Dichanthelium laxiflorum (Lam.) Gould [*Panicum laxiflorum* Lam.], Loose-Flowered Panic Grass. Old fields, open woods; occasional [14269].

Dichanthelium scabriusculum (Ell.) Gould & C. A. Clark [*Panicum lanuginosum* Ell.], Woolly Panic Grass. Roadsides, sandy thickets; occasional [14329].

Dichanthelium sphaerocarpon (Ell.) Gould var. *isophyllum* (Scribn.) Gould & Clark [*Panicum polyanthes* Schultes], Many-Flowered Panic Grass. Dry woods, thickets; frequent [14330].

**Digitaria ischaemum* (Schreb.) Muhl., Smooth Crab Grass. Cultural sites; occasional [14489].

**Digitaria sanguinalis* (L.) Scop., Hairy Crab Grass. Cultural sites; occasional [14412].

**Echinochloa crusgalli* (L.) Beauv., Barnyard Grass. Wet meadows, swampy thickets, mudflats; occasional [13975].

**Eleusine indica* (L.) Gaertn., Goose Grass. Cultural sites; rare [13910].

Elymus hystrix L. [*Hystrix patula* Moench.], Bottlebrush Grass. Wooded bluffs and slopes; rare [14337].

Elymus virginicus L., Virginia Wild Rye. Mesic woodlands, bluffs; rare [13886].

Eragrostis capillaris (L.) Nees, Lace Grass. Fields, cultural sites; occasional [14199].

**Eragrostis cilianensis* (All.) Lutati, Stink Grass. Streambanks, cultural sites; occasional [14420].

Eragrostis frankii Meyer, Frank's Love Grass. Weedy fields, roadsides; rare [83-264].

Eragrostis hypnoides (Lam.) B.S.P., Creeping Love Grass. Mudflats; abundant [13983].

**Eragrostis pilosa* (L.) Beauv., Pilose Love Grass. Weedy fields, roadsides; occasional [14002].

Eragrostis spectabilis (Pursh) Steud., Tumble Grass. Old fields; occasional [13898].

**Eulalia viminea* (Trin.) Kuntze, Japanese Grass. Mesic thickets, fields, roadside ditches; locally abundant [14030].

**Festuca arundinacea* Schreb. [*F. elatior* L.], Common Tall Fescue. Meadows, cultural sites; abundant [14173].

Festuca obtusa Biehler, Woodland Fescue. Lower slope and ravine forests; occasional [14226].

**Festuca rubra* L., Red Fescue. Cultural sites; locally abundant [14268].

Glyceria striata (Lam.) Hitchc., Fowl Meadow Grass. Creekbanks, wet fields; rare [14257].

Gymnopogon ambiguus (Michx.) BSP., Beardgrass. Known only from old field west of Buckner's Final Defense marker; very rare [13937].

**Holcus lanatus* L., Velvet Grass. Cultural sites; rare [14318].

Hordeum pusillum Nutt., Little Barley. Fields, roadsides; locally abundant [14176].

Leersia oryzoides (L.) Swartz, Rice Cutgrass. Swamp thickets, marshes; locally abundant [14492].

Leersia virginica Willd., Virginia Cutgrass. Low woodlands; occasional [13974].

Leptochloa mucronata (Michx.) Kunth [*L. filiformis* (Lam.) Beauv.], Feather Grass. Cultural

sites; rare [83-268].

Leptochloa panicoides (J. Presl.) Hitchc. [*Diplachne halei* Nash.], Meadow Grass. Mudflats, wet meadows; locally abundant [13976].

**Lolium multiflorum* Lam., Italian Ryegrass. Planted; rare [14200].

**Lolium perenne* L., Common Ryegrass. Based on Chester 83-232 (APSU). Waif on new road-cut in 1983. Not observed since.

Melica mutica Walt., Melic Grass. Mesic woods, bluffs; occasional [14123].

Muhlenbergia frondosa (Poir.) Fern., Leafy Muhly. Exposed river banks; rare [84-728].

Muhlenbergia schreberi Gmel., Nimble-Will. Cultural sites; locally abundant [13946, 14491].

Muhlenbergia tenuiflora (Willd.) B.S.P., Slender-Flowered Muhly. Rocky woods; occasional [83-480].

Panicum anceps Michx., Two-Edged Panic Grass. Old fields, meadows; frequent [13920].

Panicum capillare L., Witch-Grass. Cultural sites, fields; locally abundant [13977].

Panicum dichotomiflorum Michx., Forked-Flowered Panic Grass. Wet meadows, marshes; occasional [13877].

Panicum flexile (Gattinger) Scrib., Pliant Panic Grass. Dry, open woods; occasional [13952].

Panicum rigidulum Bosc. ex Nees [*P. agrostoides* Spreng.], Agrostis-Like Panic Grass. Wet meadows, swamp thickets; occasional [13998].

Paspalum boscianum Fluegge, Bull Grass. Sandy bottomland meadows; locally abundant [84-613].

**Paspalum dilatatum* Poir., Dallis Grass. Cultural sites; frequent [14375].

Paspalum fluitans (Ell.) Kunth, River Knotgrass. Marshes, swamp thickets; locally abundant [13999].

Paspalum laeve Michx., Smooth Knotgrass. Meadows, cultural sites; occasional [13938].

Paspalum pubiflorum Rupr., Hairy-Flowered Knotgrass. Mesic fields, cultural sites; occasional [14490].

**Phleum pratense* L., Timothy. Roadsides and cultural sites; occasional [14174].

**Poa annua* L., Low Speargrass. Fields, waste places; locally abundant [14077].

**Poa compressa* L., Canadian Bluegrass. Moist, weedy fields; rare [14535].

**Poa pratensis* L., Kentucky Bluegrass. Meadows, roadsides, cultural sites; frequent [14106].

Poa sylvestris Gray, Woodland Bluegrass. Dry, open woods; occasional [14202].

Saccharum alopecuroides (L.) Nutt. [*Erianthus alopecuroides* (L.) Ell.], Woolly Beardgrass. Successional fields; frequent [13934].

Schizachyrium scoparium (Michx.) Nash [*Andropogon scoparius* Michx.], Little Bluestem. Old fields; locally abundant [14515].

**Secale cereale* L., Common Rye. Based on Chester 84-154 (APSC). Waif on roadbanks of recently-constructed section of Highway 79 in 1984. Not observed or expected to occur now [84-154].

**Setaria faberi* Herrm., Tall Foxtail Grass. Low fields; frequent [13995].

Setaria parviflora (Poir.) Kerguelen [*S. geniculata* (Lam.) Beauv.], Bristly Foxtail Grass. Old fields, meadows; frequent [14439].

**Setaria viridis* (L.) Beauv., Green Foxtail Grass. Fields, cultural sites; frequent [14438].

**Sorghum halepense* (L.) Pers., Johnson Grass. Low fields and thickets; abundant [13948].

Sphenopholis obtusata (Michx.) Scrib., Obtuse Wedge Grass. Mesic woods; occasional [14184].

Sporobolus vaginiflorus (Torr.) Wood, Poverty Grass. Open roadsides, fields; locally abundant [13932].

Tridens flavus (L.) Hitchc., Purple-Top. Fields, meadows, cultural sites; frequent [13885].

Tripsacum dactyloides L., Gama-Grass. Bottomland thickets; locally abundant [13994].

**Triticum aestivum* L., Common Wheat. Waif on seeded road banks; rare [14199].

Vulpia octoflora (Walt.) Rydb. [*Festuca octoflora* Walt.], Eight-Flowered Fescue. Fields, dry roadsides; occasional [14227].

SMILACACEAE, Catbrier Family

Smilax bona-nox L., China-Brier. Old fields, thickets; occasional [14428].

Smilax glauca Walt., Sawbrier. Old fields, thickets; occasional [13950].

Smilax herbacea L., Carrion-Flower. Mesic woodlands; rare [14526].

Smilax rotundifolia L., Common Greenbrier. Lowland woods and thickets; occasional [14323].

Smilax tamnoides L. [*S. hispida* Muhl.], Bristly Greenbrier. Lowland woods and thickets; locally abundant [14501].

SPERMATOPHYTA: ANGIOSPERMAE-DICOTYLEDONAE

ACANTHACEAE, Acanthus Family

Justica americana (L.) Vahl, Water Willow. Shallow water along Indian Creek and the Cumberland River; locally abundant [14280].

Ruellia caroliniensis (Gmel.) Steud., Carolina Wild Petunia. Meadows, fields; frequent [14291].

Ruellia strepens L., Smooth Wild Petunia. Fields, open woods; occasional [14247].

ACERACEAE, Maple Family

Acer negundo L., Box Elder. Low woods and thickets; frequent [14195].

**Acer platanooides* L., Norway Maple. Based on Chester 84-63. The specimen was collected in 1984 at a home between the Visitor Center and the Fort Donelson site. The home and the tree no longer exist [84-63].

Acer rubrum L., Red Maple. Mostly in bottomland forests; rare [14233].

Acer saccharinum L., Silver Maple, Water Maple. Bottomland forests, streambanks; occasional [14145].

Acer saccharum Marsh., Sugar Maple. Mesic woodlands, cultural sites; frequent [13991].

AMARANTHACEAE

**Amaranthus hybridus* L., Pigweed, Wild Beet. Cultural sites, especially recently disturbed areas; occasional [14434].

**Amaranthus spinosus* L., Spiny Amaranth. Open river banks; rare [83-201].

Amaranthus tuberculatus (Moq.) Sauer, Water-Hemp. Mudflats; locally abundant [13980, 14505].

ANACARDIACEAE, Cashew Family

Rhus copallinum L., Shining Sumac, Winged Sumac. Old fields, thickets; frequent [13936].

Rhus glabra L., Smooth Sumac. Old fields, thickets; frequent [13901].

Toxicodendron radicans (L.) Kuntze [*Rhus radicans* L.], Poison Ivy. Almost all habitats; abundant [13930].

ANNONACEAE, Custard-Apple Family

Asimina triloba (L.) Dunal, Pawpaw. Mesic woodlands; locally abundant [14321].

APIACEAE, Parsley Family

Angelica venenosa (Greenway) Fern., Angelica. Open, upland woods; occasional [14344].

Chaerophyllum tainturieri Hook., Rough Chervil. Cultural sites, thickets; locally abundant [14111].

Cryptotaenia canadensis (L.) DC., Honewort. Ravine forests and mesic thickets; rare [14250].

**Daucus carota* L., Wild Carrot, Queen Anne's Lace. Fields, cultural sites; frequent [14283].

Erigenia bulbosa (Michx.) Nutt., Harbinger-of-Spring. Mesic slope forests; rare [14089].

Eryngium prostratum Nutt., Prostrate Eryngo. Mudflats and swampy thickets by Indian and Hickman Creeks; rare [14018].

Osmorhiza longistylis (Torr.) DC., Anise-Root. Mesic, mostly ravine forests; occasional [14128].

Sanicula canadensis L., Canada Black Snakeroot. Slope and ravine forests; occasional [14311].

Sanicula odorata (Raf.) Pryer and Phillippe [*S. gregaria* Bickn.], Black Snakeroot. Slope and

ravine forests; occasional [83-214].

**Torilis japonica* (Houtt.) DC., Hedge Parsley. Cultural sites; rare [14354].

APOCYNACEAE, Dogbane Family

Amsonia tabernaemontana Walt., Blue Dogbane, Bluestar. Mesic, open woods; rare [14124].

Apocynum cannabinum L., Indian Hemp. Low meadows and fields; locally abundant [14360].

**Vinca minor* L., Common Periwinkle. Cultural sites where vegetative spreading occurs; locally abundant [14092].

AQUIFOLIACEAE, Holly Family

Ilex decidua Walt., Deciduous Holly. Swamp thickets, low woods and fields; frequent [14024].

**Ilex opaca* Ait., American Holly. Cultural sites where some spreading from old plantings occurs; occasional [13945].

ARALIACEAE, Ginseng Family

Aralia spinosa L., Devil's Walking Stick. Dry slope and ridge forests; occasional [14218].

**Hedera helix* L., English Ivy. Cultural sites; vegetatively spreading [14519].

Panax quinquefolium L., Ginseng. Mesic woodlands; very rare [14193, 14251].

ARISTOLOCHIACEAE, Birthworth Family

Aristolochia serpentaria L., Virginia Snakeroot. Mesic woods, usually in ravines; rare [14117, 14537].

Aristolochia tomentosa Sims, Dutchman's Pipe Vine. Banks of the Cumberland River in thickets; rare [14276].

Asarum canadense L., Wild Ginger. Low woods near the Cumberland River directly north of the National Cemetery; rare [14097].

ASCLEPIADACEAE, Milkweed Family

Asclepias amplexicaulis Sm., Clasping-Leaved Milkweed. Dry, weedy fields; very rare [14212].

Asclepias incarnata L., Swamp Milkweed. Swamp thickets and meadows; locally abundant [14468].

Asclepias purpurascens L., Purple Milkweed. Moist meadow; very rare [14331].

Asclepias syriaca L., Common Milkweed. Old fields and thickets; rare [14358].

Asclepias tuberosa L., Butterfly Weed. Old fields and meadows; occasional [14293].

Asclepias variegata L., Variegated Milkweed. Dry woods and fields; rare [14275].

Cynanchum laeve (Michx.) Pers. [*Ampelamus albidus* (Nutt.) Britt.], Honeyvine. Mesic thickets and fencerows; locally abundant [14454].

Matelea gonocarpos (Walt.) Shinnery, Milkvine. Low thickets; rare [13962].

ASTERACEAE, Composite Family

Achillea millefolium L., Common Yarrow. Roadsides, fields, disturbed sites; occasional [14211].

Ambrosia artemisiifolia L., Common Ragweed. Cultural sites; occasional [13987].

Ambrosia trifida L., Giant Ragweed, Buffalo Weed. Low fields, thickets; locally abundant [14456].

Antennaria plantaginifolia (L.) Rich., Plantain-Leaved Pussy Toes. Dry, open woods and fields; occasional [14043].

Antennaria solitaria Rydb., Solitary Pussy Toes. Dry, open woods; occasional [82-53].

**Anthemis cotula* L., Mayweed. Old homesites and fields; rare [84-150].

**Artemisia annua* L., Wormwood, Sweetfern. Disturbed sites; occasional [13970, 14427].

Aster cordifolius L. var. *sagittifolius* Wedemeyer ex Willd.) A. G. Jones [*Aster sagittifolius* Willd.], Arrow-Leaved Aster. Mesic slope forests; occasional [13905].

Aster dumosus L., Bushy Aster. Fields and cultural sites; occasional [13874].

Aster lanceolatus Willd. var. *lanceolatus* [A. *simplex* Willd.], Simple Aster. Mudflats, swampy fields and thickets; locally abundant [14020].

Aster lateriflorus (L.) Britt., Lateral-Flowered Aster. Dry, open woods; occasional [13990].

Aster ontarionensis Wieg., Ontario Aster. Swampy fields and thickets; locally abundant [14010].

Aster patens Ait., Spreading Aster. Dry, upland woods; occasional [13960].

Aster pilosus Willd., Hairy Aster. Cultural sites; occasional [13985].

Aster shortii Lindl., Short's Aster. Mesic slope forests; occasional [13989].

Aster solidagineus Michx., White-Topped Aster. Dry, weedy fields; occasional [13959].

Bidens aristosa (Michx.) Britt. [*B. polylepis* Blake], Scaled Sticktight. Moist fields and meadows; frequent [13929].

Bidens bipinnata L., Spanish Needles, Sticktight. Moist thickets; occasional [13895].

Bidens cernua L., Nodding Sticktight. Mudflats; rare [14496].

Bidens discoidea (T.&G.) Britt., Discoid Beggar's-Ticks. On rotting logs in dewatered zones of Hickman Creek; rare [14512].

Bidens frondosa L., Leafy Sticktight. Wet fields and thickets; occasional [13909].

Bidens tripartita L., Three-Parted Sticktight. Swampy thickets; rare [14506].

Boltonia asteroides (L.) L'Her., Aster-Like Boltonia. Marshes and swamp thickets; occasional [82-681].

**Carduus nutans* L., Nodding Thistle, Musk Thistle. Roadbanks along Highway 79; locally abundant [14237].

Cirsium altissimum (L.) Spreng, Tall Thistle. Mesic fields and thickets; rare [14424].

Cirsium discolor (Muhl.) Spreng., Two-Colored Thistle. Old fields and thickets; rare [14463].

**Cirsium horridulum* Michx., Horrid Thistle. One collection from a weedy field; very rare [85-271].

Conyza canadensis (L.) Cronq. [*Erigeron canadensis* L.], Horseweed. Fields and thickets; occasional [13873].

Coreopsis major Walt., Large Tickseed. Dry woods and thickets; frequent [14319].

Coreopsis tripteris L., Tall Tickseed. Low fields and thickets; rare [14421].

Eclipta prostrata L. [*E. alba* (L.) Hassk.], Yerba-de-Tago. Swampy fields, streambanks; occasional [14452].

Elephantopus carolinianus Raeusch, Carolina Elephant's Foot. Mesic fields, thickets, ditches; frequent [13891].

Elephantopus tomentosus L., Devil's Grandmother. Open woods; rare [14423].

Erechtites hieracifolia (L.) Raf., Fireweed. Disturbed areas; rare [13875].

Erigeron annuus (L.) Pers., Daisy Fleabane. Open woods, thickets, and fields; occasional [14255].

Erigeron philadelphicus L., Philadelphia Fleabane. Roadsides and other cultural sites; abundant [14078].

Erigeron pulchellus Michx., Robin's Plantain. Dry, open woods; locally abundant [14090].

Erigeron strigosus Muhl. ex Willd., Daisy Fleabane. Open woods, thickets, and fields; frequent [14232].

Eupatorium album L., White Thoroughwort. Dry fields and roadsides; rare [14487].

Eupatorium altissimum L., Tall Thoroughwort. Weedy fields and roadsides; rare [14481].

Eupatorium coelestinum L., Mist Flower. Moist meadows, fields, and thickets; frequent [13893].

Eupatorium fistulosum Barratt., Joe-Pye Weed. Thinly-wooded creekbanks; rare [14471].

Eupatorium hyssopifolium L., Hyssop-Leaf Thoroughwort. Old fields; occasional to rare [13939].

Eupatorium incarnatum Walt., White Thoroughwort. Roadside ditches, moist fields; locally abundant [13969].

Eupatorium perfoliatum L., Boneset. Mesic, weedy fields; rare [14558].

Eupatorium purpureum L., Sweet Joe-Pye Weed. Mesic woods; rare [14364].

Eupatorium rotundifolium L., Rough-Leaved Thoroughwort. Weedy fields; rare [13894].

Eupatorium rugosum Houtt., White Snakeroot. Low woods, fields, and thickets; abundant [13961].

Eupatorium serotinum Michx., Late-Flowering Thoroughwort. Weedy fields; occasional

[13876].

Eupatorium sessilifolium L., Upland Boneset. Dry, open woods; rare [14345].

Gnaphalium obtusifolium L., Catfoot. Open woods, fields, and cultural sites in autumn; frequent [14027].

Gnaphalium purpureum L., Purple Catfoot. Open woods, fields, and cultural sites in spring; frequent [14182].

Helenium amarum (Raf.) Rock, Slender-Leaved Sneezeweed. Roadsides, other cultural sites; occasional [14458].

Helenium flexosum Raf., Flexed Sneezeweed. Wet meadows, swamps; occasional [14415].

Helianthus microcephalus Torr. & Gray, Small Wood Sunflower. Edges of dry woods; occasional [14450].

Helianthus mollis Lam., Soft Sunflower. Dry, open banks and fields; rare [84-363].

Hieracium gronovii L., Hawkweed. Dry, open woods; occasional [13892].

**Iva annua* L., Marsh Elder. Mesic fields, meadows, and thickets; locally abundant [14466].

Krigia biflora (Walt.) Blake, Dwarf Dandelion. Mowed fields, open woods; frequent [14159].

Krigia caespitosa (Raf.) Chambers [*K. oppositifolia* Raf.], Opposite-Leaved Dwarf Dandelion. Low fields and meadows; rare [14143].

Krigia dandelion (L.) Nutt., Potato Dandelion. Mesic fields, ditches; occasional [14181].

Lactuca canadensis L., Canada Wild Lettuce. Fields, roadsides, other cultural sites; occasional [14013].

Lactuca floridana (L.) Gaertn., Blue Lettuce. Woodlands, thickets, weedy fields; occasional [13906].

**Lactuca serriola* L., Prickly Wild Lettuce. Weedy cultural sites; locally abundant [14376].

Leucanthemum vulgare Lam. [*Chrysanthemum leucanthemum* L.], Oxeye Daisy. Roadsides, fields, and other cultural sites; frequent [14196].

Parthenium integrifolium L., Wild Quinine. Open, upland woods and fields; occasional [14278].

Pluchea camphorata (L.) DC., Camphor Weed. Marshes and wet meadows; occasional [13954].

Polymnia uvedalia L., Bearsfoot. Mesic thickets and woodland borders; rare [83-305].

Prenanthes altissima L., Tall Rattlesnake Root. Low woodland borders and thickets; rare [14541].

Prenanthes barbata (Torr. & Gray) Milst., Barbed Rattlesnake Root. Dry, open woods and weedy fields; rare [14016, 14500].

Pyrrhopappus carolinianus (Walt.) DC., False Dandelion. Mesic woodlands, fields, and thickets; frequent [14351].

Rudbeckia hirta L., Black-Eyed Susan. Roadsides, fields, meadows; abundant [14343].

Rudbeckia triloba L., Lobed-Leaf Coneflower. Mesic thickets and forest borders; locally abundant [13907].

Senecio anonymus Wood [*S. smallii* Britt.], Small's Groundsel. Dry, weedy fields; rare [14530].

Senecio glabellus Poir., Butterweed. Wet fields and meadows; locally abundant [14075].

Silphium integrifolium Michx., Rosinweed. Dry woodland borders and fields; rare [14390].

Silphium perfoliatum L., Cup-Leaf Rosinweed. Mesic thickets; rare [82-733].

Solidago altissima L. [*S. canadensis* L.], Tall Goldenrod. Fields, disturbed sites; frequent [13927].

Solidago caesia L., Bluestem Goldenrod. Rocky woods and bluffs; frequent [13889].

Solidago erecta Pursh., Erect Goldenrod. Dry, open woods; occasional [13958].

Solidago flexicaulis L., Zigzag Goldenrod. Mesic, wooded bluffs above the Cumberland River; rare [82-842].

Solidago gigantea Ait., Large Goldenrod. Open banks of the Cumberland River; rare [14502].

Solidago hispida Muhl. ex Willd., Hairy Goldenrod. Dry, open woods; occasional [13988].

Solidago juncea Ait., Early Goldenrod. Dry fields and roadsides; occasional [14422].

Solidago nemoralis Ait., Gray Goldenrod. Fields, roadsides, cultural sites; frequent [13890].

Solidago rugosa Mill., Wrinkled-Leaf Goldenrod. Open, dry roadbanks; rare [84-547].

Solidago ulmifolia Muhl., Elm-Leaf Goldenrod. Forest borders, rocky woods; occasional [13888].

**Sonchus asper* (L.) Hill., Sow-Thistle. Cultural sites, fields; rare [14208].

**Taraxacum officinale* G.H. Weber ex Wiggers, Common Dandelion. Lawns and meadows; abundant [14055].

Verbesina alternifolia (L.) Britt. ex Kearney, Wing-Stem. Low, weedy fields and streambanks; locally abundant [13912, 13996].

Verbesina helianthoides Michx., Crown-Beard. Dry, open woods and roadsides; occasional [14231].

Verbesina virginica L., Frostweed. Mesic sites; infrequent to rare [14470].

Vernonia gigantea (Walt.) Trel., Ironweed. Low fields and thickets; occasional [14426].

**Xanthium strumarium* L., Cocklebur. Mudflats, low fields and thickets; abundant [14476].

BALSAMINACEAE, Touch-Me-Not Family

Impatiens capensis Meerb., Spotted Touch-Me-Not. Low woods; locally abundant [13913].

BERBERIDACEAE, Barberry Family

**Berberis thunbergii* DC., Japanese Barberry. Slope thickets and woods; rare [14000].

Hydrastis canadensis L., Golden Seal. Slope forests; locally abundant [14086].

Podophyllum peltatum L., Mayapple. Dry woodland slopes; abundant [14099].

BETULACEAE, Birch Family

Alnus serrulata (Aiton) Willd., Alder. Swamp thickets; rare [14513].

Betula nigra Marsh., Black Birch. Banks of the Cumberland River; very rare [13968].

Carpinus caroliniana Walt., Blue Beech. Mesic woodlands; occasional [14366].

Corylus americana Walt., Hazelnut. Forest borders, thickets, and fields; occasional [13967, 14432].

Ostrya virginiana (Mill.) Koch., Hop Hornbeam. Slope and ravine forests; occasional [14322].

BIGNONIACEAE, Bignonia Family

Bignonia capreolata L., Crossvine. Mesic woodlands and thickets; occasional [14161].

Campsis radicans (L.) Seem. Ex Bureau, Trumpet Creeper. Fields, thickets, cultural sites; frequent [14327].

**Catalpa speciosa* (Warder) Warder ex Engelm., Catalpa. Persisting and slightly spreading around the National Cemetery; occasional [14246].

BORAGINACEAE, Borage Family

Cynoglossum virginianum L., Wild Comfrey, Hound's Tongue. Dry woodlands; occasional [14222].

**Heliotropium indicum* L., Turnsole. Wet meadows, streambanks; occasional [14483].

Mertensia virginica (L.) Pers. ex Link., Bluebells. Ravine and streambank forests; locally abundant [14059].

Myosotis macrosperma Engelm., Scorpion Grass. Fields and other cultural sites; occasional [14103].

BRASSICACEAE, Mustard Family

**Arabidopsis thaliana* (L.) Heynh., Mouse-Ear Cress. Disturbed areas; rare [14082].

Arabis laevigata (Muhl.) Poir., Smooth Rock Cress. Rocky woods and bluffs; rare [14100].

**Barbarea vulgaris* R. Browne, Yellow Rocket. Open meadows; occasional [14094].

**Brassica rapa* L., Common Turnip. Roadbanks, fields; rare [14071].

**Capsella bursa-pastoris* (L.) Medik., Shepherd's-Purse. Fields, disturbed sites; rare [14083].

**Cardamine hirsuta* L., Bitter Cress. Lawns and other cultural sites; abundant [14033].

Dentaria heterophylla Nutt., Toothwort. Ravine forests; occasional [14061].

Dentaria laciniata Muhl., Toothwort. Slope forests; frequent [14050].

Draba brachycarpa Nutt., Short-Pod Whitlow Grass. Lawns, fields, and other cultural sites;

locally abundant [14035].

**Draba verna* L., Whitlow Grass. Lawns, fields, and other cultural sites; locally abundant [14034].

Iodanthus pinnatifidus (Michx.) Steud., Purple Rocket. Low woods; rare [14149].

**Lepidium campestre* (L.) Ait., Cow-Cress. Weedy fields and roadsides; rare [83-54].

Lepidium virginicum L., Peppergrass. Fields and other cultural sites; occasional [14228].

Lesquerella lescurii (Gray) Watson, Nashville Mustard. Meadows by the Cumberland River and on upland roadsides; locally abundant [14053].

Rorippa sessiliflora (Nutt.) Hitchc., Yellow Cress. Exposed river and stream margins; occasional [83-228].

Sibara virginica (L.) Rollins, Arabis. Disturbed, open sites; frequent [14054].

**Sisymbrium officinale* (L.) Scop., Hedge Mustard. Weedy fields and thickets; rare [14129].

BUXACEAE, Box Family

Pachysandra procumbens Michx., Allegheny Spurge. Mesic woodlands; locally abundant [14163].

CAMPANULACEAE, Bluebell Family

Campanula americana L., American Bellflower. Mesic thickets and forest borders; occasional [14380].

Lobelia cardinalis L., Cardinal Flower. Marshes and swamps; rare [13955].

Lobelia inflata L., Indian Tobacco. Weedy fields and meadows; frequent [14447].

Lobelia puberula Michx., Downy Lobelia. Dry fields and roadbanks; rare [13896].

Lobelia siphilitica L., Great Blue Lobelia. Mesic thickets, forest borders; rare [14485].

Triodanis perfoliata (L.) Nieuwl. [*Specularia perfoliata* (L.) DC.], Venus' Looking Glass. Fields, meadows, and other cultural sites; frequent [14254].

CAPRIFOLIACEAE, Honeysuckle Family

**Lonicera japonica* Thunb., Japanese Honeysuckle. All areas except mudflats; locally abundant [14205].

Lonicera sempervirens L., Trumpet/Coral Honeysuckle. Mesic thickets; rare [14115].

Sambucus canadensis L., Elderberry. Mesic fields and thickets; locally abundant [14290].

Symphoricarpos orbiculatus Moench, Coralberry, Buckbush. Fields, thickets, and cultural sites; abundant [13972].

Viburnum rufidulum Raf., Blackhaw. Wooded slopes and bluffs; rare [14192].

CARYOPHYLLACEAE, Pink Family

**Arenaria serpyllifolia* L., Thyme-Leaved Sandwort. Dry fields and disturbed sites; rare [14178].

**Cerastium brachypetalum* Desportes, Short-Petaled Mouse-Ear Chickweed. Lawns and fields; occasional [14076].

**Cerastium glomeratum* Thuill. [*C. viscosum* L.], Sticky Mouse-Ear Chickweed. Cultural sites; abundant [14064, 14096].

**Cerastium vulgatum* L., Common Mouse-Ear Chickweed. Cultural sites, fields; occasional [14186].

**Dianthus armeria* L., Deptford Pink. Roadsides, cultural sites; rare [14230].

**Holosteum umbellatum* L., Jagged Chickweed. Fields and lawns; locally abundant [14044].

Silene antirrhina L., Sleepy Catchfly. Cultural sites; locally abundant [14544].

Silene stellata (L.) Ait., Starry Campion. Mesic woods; rare [14378].

Silene virginica L., Fire Pink. Slope and ravine woodlands; locally abundant [14085].

**Stellaria media* (L.) Vill., Common Chickweed. Lawns and other cultural sites; abundant [14058].

Stellaria pubera Michx., Giant Chickweed. Mesic slope forests; occasional [14060].

CELASTRACEAE, Staff-Tree Family

**Euonymus alatus* (Thunb.) Sieb., Burning Bush. Persisting from plantings; few sites [14107].

Euonymus americanus L., Strawberry Bush. Mesic slope and bluff woods; rare [14320].

Euonymus atropurpureus Jacq., Burning Bush. Mesic slope woods; rare [14242].

**Euonymus fortunei* (Turcz.) Hand-Maz., Climbing Euonymus. Spreading around old plantings; locally abundant [14359].

CHENOPODIACEAE, Goosefoot Family

**Chenopodium album* L., Lamb's Quarters. Roadsides, fields, other cultural sites; occasional [14499].

**Chenopodium ambrosioides* L., Mexican Tea. Cultural sites; rare [14442].

CISTACEAE, Rockrose Family

Lechea tenuifolia Michx., Pinweed. Dry, open woods, roadbanks; locally abundant [14296].

CLUSIACEAE, St. Johns-Wort Family

Hypericum drummondii (Grev. & Hook.) Torr. & Gray, Nits and Lice. Weedy fields; occasional [13928].

Hypericum mutilum L., Slender St. Johns-Wort. Wet meadows, marshes; rare [14559].

Hypericum punctatum Lam., Dotted St. John's-Wort. Fields, cultural sites; occasional [14377].

Hypericum stragulum Adams & Rob. [*H. hypericoides* (L.) Crantz], St. Andrew's Cross. Fields, dry open woods; occasional [13918].

CONVOLVULACEAE, Morning-Glory Family

Calystegia sepium (L.) R. Br. [*Convolvulus sepium* L.], Hedge-Bindweed. Thickets, mostly in lowlands; occasional [14353].

**Ipomoea hederacea* (L.) Jacq., Common Morning-Glory. Disturbed sites; rare [13947].

Ipomoea lacunosa L., White Morning-Glory. Mudflats, swampy thickets; occasional [14453].

Ipomoea pandurata (L.) Mey., Wild Potato-Vine. Meadows, thickets, roadsides; locally abundant [14437].

CORNACEAE, Dogwood Family

Cornus amomum Mill., Swamp Dogwood. Streambank thickets and shrub swamps; frequent [13911].

Cornus florida L., Flowering Dogwood. Slope and ridge forests; frequent [14109].

CRASSULACEAE, Orpine Family

Penthorum sedoides L., Ditch Stonecrop. Marshes, wet meadows; occasional [82-704].

Sedum ternatum Michx., Stonecrop. Mesic outcrops and bluffs; locally abundant [14119].

CUCURBITACEAE, Gourd Family

Sicyos angulatus L., Bur Cucumber. Low thickets and woods; locally abundant [14475].

CUSCUTACEAE, Love-Vine Family

Cuscuta campestris Yuncker, Dodder. Wet fields and thickets; frequent [14391].

EBENACEAE, Ebony Family

Diospyros virginiana L., Persimmon. Successional fields, dry woods, fencerows; frequent [14220].

ELAEAGNACEAE, Oleaster Family

**Elaeagnus umbellata* Thunb., Autumn Olive. Woodlands and thickets; frequent [14079].

ERICACEAE, Heath Family

Oxydendrum arboreum (L.) DC., Sourwood. Dry slope and ridge forests; common [13878].

Vaccinium arboreum Marsh., Sparkleberry. Dry, upland woods; rare [14229].

Vaccinium stamineum L., Huckleberry. Dry ridge and slope forests; occasional [14160].

EUPHORBIACEAE, Spurge Family

Acalypha ostryaefolia Ridd., Three-Seeded Mercury. Recently disturbed sites; locally abundant [14399].

Acalypha rhomboidea Raf., Rhombic-Leaved Three-Seeded Mercury. Meadows, fields, and cultural sites; occasional [14516].

Acalypha virginica L., Virginia Three-Seeded Mercury. Roadsides, fields, cultural sites; frequent [13880].

Chamaesyce maculata (L.) Small [*Euphorbia maculata* L.], Eyebane. Low fields, cultural sites; frequent [14435].

Chamaesyce supina (Raf.) Moldenke [*Euphorbia supina* Raf.], Milk Purslane. Open river banks, roadsides; frequent [14005].

Croton monanthogynus Michx., Prairie Tea. Roadsides, other disturbed sites; occasional [13919].

Euphorbia corollata L., Flowering Spurge. Meadows and fields; occasional [13916].

Euphorbia dentata Michx., Wild Poinsettia. Roadsides, cultural sites; occasional [14555].

Phyllanthus caroliniensis Walt., Phyllanthus. Ditches and slopes of earthworks, south area; rare [13992].

Tragia cordata Michx., Heart-Leaved Tragia. Edge of mesic woods; rare [14365].

FABACEAE, Legume Family

**Albizia julibrissin* Duraz., Mimosa. Old homesites; locally abundant [13900].

Amorpha fruticosa L. [*A. nitens* Boytn.], False Indigo. River and streambank thickets; rare [14189].

Amphicarpa bracteata (L.) Fern., Hog Peanut. Mesic woodlands and thickets; occasional [14480].

Apios priceana Robs., Price's Potato Bean. Edge of mesic woods; rare [14373].

Cercis canadensis L., Redbud. Mesic forests, old fields; frequent [14219].

Chamaecrista fasciculata (Michx.) Greene [*Cassia fasciculata* Michx.], Partridge Pea. Roadsides, fields, meadows; abundant [14407].

Chamaecrista nictitans (L.) Moench [*Cassia nictitans* L.], Wild Sensitive Senna. Roadsides, fields, meadows; rare [14445].

Clitoria mariana L., Spoon Flower. Edges of upland woods; occasional to rare [13926].

**Coronilla varia* L., Crown Vetch. Planted on roadbanks and spreading; locally abundant

[14236].

Desmanthus illinoensis (Michx.) MacM. ex Robins. & Fern., Prairie Mimosa. Low thickets; rare [14396].

Desmodium canescens (L.) DC., Hoary Tick Clover. Old fields; occasional [13951].

Desmodium ciliare (Muhl. ex Willd.) DC., Ciliate Tick Clover. Old fields; occasional [13917].

Desmodium marilandicum (L.) DC., Maryland Tick Clover. Old fields; occasional [84-357].

Desmodium nudiflorum (L.) DC., Naked-Stemmed Tick Clover. Mesic woodlands; rare [14389].

Desmodium paniculatum (L.) DC., Panicked Tick Clover. Old fields and thickets; frequent [14467].

Desmodium pauciflorum (Nutt.) DC., Few-Flowered Beggar's Ticks. Mesic woods; locally abundant [14350].

Desmodium perplexum Schub., Perplexing Tick Clover. Weedy fields; occasional [14495].

Desmodium rotundifolium DC., Round-Leaved Tick Clover. Dry woodlands; occasional [14015].

Gleditsia triacanthos L., Honey Locust. Low woods and fields; occasional [14361].

**Kummerowia stipulacea* (Maxim.) Makino [*Lespedeza stipulacea* Maxim.], Korean Lespedeza. Cultural sites; locally abundant [14482].

**Kummerowia striata* (Thunb.) Schindl. [*Lespedeza striata* (Thunb.) H. & A.], Japanese Lespedeza. Cultural sites; locally abundant [13883].

**Lathyrus latifolius* L., Sweet Pea. Roadsides, fields, other cultural sites; frequent [14333].

**Lespedeza bicolor* Turcz., Bicolor Lespedeza. Highway 79 just west of Indian Creek; shrubs, rare [14488].

**Lespedeza cuneata* (Dumont.) G. Don., Sericea Lespedeza. Roadsides, fields, other cultural sites; abundant [14029].

Lespedeza hirta (L.) Hornem., Hairy Bush Clover. Dry, open woods and fields; rare [14461].

Lespedeza intermedia (Wats.) Britt., Intermediate Bush Clover. Dry slope forests; rare [14479].

Lespedeza procumbens Michx., Trailing Bush Clover. Fields and meadows; locally abundant

[14444].

Lespedeza repens (L.) Bart., Creeping Bush Clover. Fields and meadows; locally abundant [13879].

Lespedeza virginica (L.) Britt., Virginia Bush Clover. Old fields and thickets; occasional [14414].

**Medicago lupulina* L., Black Medic. Roadsides, meadows, and fields; frequent [14259].

**Medicago sativa* L., Alfalfa. Based on Chester 84-149 (APSC). Waif on roadbanks of recently-constructed section of Highway 79 in 1984. Not observed in the area since.

**Melilotus alba* Desr., White Sweet Clover. Fields and thickets; occasional [14260].

**Melilotus officinalis* (L.) Lam., Yellow Sweet Clover. Fields and thickets; frequent [14171].

Psoralea psoralioides (Walt.) Cory, Sampson's Snakeroot. Dry, weedy fields; rare [14235].

**Robinia hispida* L., Bristly Locust. Persisting and spreading around an old homesite; rare [14151].

Robinia pseudoacacia L., Black Locust. Successional fields, some woodlands; locally abundant [14146].

Senna marilandica (L.) Link., Wild Senna. Mesic thickets and river banks; rare [13984].

Strophostyles helvula (L.) Ell., Yellow Wild Bean. Recently disturbed fields; locally abundant [14514].

Stylosanthes biflora (L.) B.S.P., Pencil Flower. Weedy fields; occasional [14248].

Tephrosia virginiana (L.) Pers., Rabbit's-Pea. Dry fields and woods; locally abundant [14276].

**Trifolium campestre* Schreb., Hop Clover. Lawns, meadows, other cultural sites; abundant [14131].

**Trifolium dubium* Sibth., Low Hop Clover. Dry, sandy fields, lawns; locally abundant [14158].

**Trifolium hybridum* L., Alsike Clover. Based on Chester 85-268 (APSC). Waif on roadbanks of recently-constructed section of Highway 79 in 1985. Not observed since.

**Trifolium incarnatum* L., Crimson Clover. Based on Chester 85-269 (APSC). Waif on roadbanks of recently-constructed section of Highway 79 in 1985. Not observed since.

**Trifolium pratense* L., Red Clover. Meadows and other cultural sites; frequent [14172].

**Trifolium repens* L., White Clover. Lawns, meadows; locally abundant [14154].

**Vicia sativa* L. ssp. *nigra* (L.) Ehrh. [*V. angustifolia* Reich.], Narrow-Leaved Vetch. Thickets and disturbed sites; locally abundant [14130].

**Vicia villosa* Roth. ssp. *varia* (Host) Corb. [*V. dasycarpa* Tenore], Winter Vetch. Mesic fields and thickets; rare [14169].

Wisteria frutescens (L.) Poir., American Wisteria. River and creekside thickets; frequent [14188].

FAGACEAE, Beech Family

Fagus grandifolia Ehrh., American Beech. Mesic slope and ravine forests; frequent [13993].

Quercus alba L., White Oak. Slope and ridge forests; abundant [13992].

Quercus falcata Michx., Southern Red Oak. Slope and ridge forests, fields and fencerows; abundant [13935].

Quercus imbricaria Michx., Shingle Oak. Mesic woodlands and thickets; occasional [14339].

Quercus macrocarpa Michx., Mossycup Oak, Bur Oak. River banks; very rare [14263].

Quercus michauxii Nutt., Swamp Chestnut Oak. Lower slopes above streams; rare [14449].

Quercus muehlenbergii Engelm., Chinquapin Oak. Rocky slopes and bluffs; occasional [14401].

Quercus pagoda Raf., Cherrybark Oak. Mesic slopes and bottomlands; occasional to frequent [14028].

Quercus palustris Muenchh., Pin Oak. Mesic woods and planted in lawns; rare [14448].

Quercus phellos L., Willow Oak. Planted in Visitor Center lawn, rarely native in moist woods [14295].

Quercus prinus L., Chestnut or Mountain Oak. Based on Chester 84-229 (APSC). Collected in 1984 from a tree planted in the National Cemetery; tree has since been removed and this species may no longer occur in FDNMP.

Quercus rubra L., Northern Red Oak. Mesic slope forests; occasional [14014].

Quercus stellata Wang., Post Oak. Dry ridges, slopes, old fields; frequent [13941].

Quercus velutina Lam., Black Oak. Ridge and slope forests; frequent [13942].

GENTIANACEAE, Gentian Family

Frasera caroliniensis Walt. [*Swertia caroliniense* (Walt.) Kuntze], American Columbo. Open slope and ridge forests; locally abundant [14529].

Obolaria virginica L., Pennywort. Mesic slope forests; rare [82-20].

Sabatia angularis (L.) Pursh, Rose Pink. Roadsides and fields; occasional [14404].

GERANIACEAE, Geranium Family

Geranium carolinianum L., Cranesbill. Roadsides, fields, disturbed sites; frequent [14166].

**Geranium dissectum* L., Dissected-Leaf Cranesbill. Open, disturbed sites; rare [14093].

Geranium maculatum L., Wild Geranium. Mesic woodlands; rare [14521].

HAMAMELIDACEAE, Witch-Hazel Family

Liquidambar styraciflua L., Sweetgum. Ravine and streambank forests; occasional [14368].

HYDRANGEACEAE, Hydrangea Family

Hydrangea arborescens L., Hydrangea. Mesic bluffs; locally abundant [14309].

Philadelphus pubescens Loisel., Hairy Mock-Orange. Rocky woods and thickets by the river; rare [14252].

HYDROPHYLLACEAE, Waterleaf Family

Hydrophyllum macrophyllum Nutt., Large-Leaved Waterleaf. Mesic slope forests; locally abundant [14164].

Nemophila aphylla (L.) Brumm., Baby Blue-Eyes. Edge of slope woods; rare [14104].

Phacelia purshii Buckl., Pursh's Phacelia. Roadsides; locally abundant [84-66].

JUGLANDACEAE, Walnut Family

Carya cordiformis (Wang.) Koch, Bitternut Hickory. Ravine and streambank forests; occasional [14025].

Carya glabra (Mill.) Sweet, Pignut Hickory. Ridge and dry slope forests; frequent [14416].

Carya illinoensis (Wang.) K. Koch, Pecan. Banks of the Cumberland River; very rare [14301].

Carya laciniata (Michx. f.) Loud., Big Shellbark Hickory, Kingnut. Lower slope and ravine forests; rare [14503].

Carya ovalis (Wang.) Sarg., Red Hickory. Slope forests; frequent [14409].

Carya ovata (Mill.) Koch, Shagbark Hickory. Slope forests; frequent [14403].

Carya tomentosa (Poir.) Nutt., Mockernut Hickory. Ridge and slope forests; frequent [13940].

Juglans nigra L., Black Walnut. Mesic woodlands, homesites; occasional [14289].

LAMIACEAE, Mint Family

Blephilia ciliata (L.) Benth., Wood-Mint. Mesic woodlands and thickets; rare [14274].

Blephilia hirsuta L., Hairy Wood-Mint. Low wood; rare [14413].

Collinsonia canadensis L., Horse-Balm. Rocky, mesic woodlands; locally abundant [13904].

Cunila origanoides (L.) Britt., Dittany. Dry, open woods and roadbanks; frequent [14462].

**Glechoma hederacea* L., Ground-Ivy. Old homesite north of the National Cemetery; rare [14518].

Hedeoma pulegioides (L.) Pers., Pennyroyal. Dry, open woods; locally abundant [13931].

**Lamium amplexicaule* L., Henbit. Lawns and other open areas; locally abundant [14032].

**Lamium purpureum* L., Dead Nettle. Lawns and other open areas; locally abundant [14031].

Lycopus americanus Muhl., American Water Horehound. Wet woods; rare [14507].

Lycopus virginicus L., Bugleweed. Streambanks, wet woods, swamps; rare [14510].

**Mentha piperita* L., Peppermint. Shallow water, upper Indian Creek; rare [14405].

Monarda fistulosa L., Wild Bergamot. Mesic, open woods and thickets; rare [14408].

**Perilla frutescens* (L.) Britt., Beefsteak Plant. Disturbed places; locally abundant [13908].

**Prunella vulgaris* L., Heal-All. Lawns, fields, and meadows; occasional [14397].

Pycnanthemum incanum (L.) Michx., Gray Mountain Mint. Successional fields and thickets; frequent [13933].

Pycnanthemum tenuifolium Schrad., Slender-Leaved Mountain Mint. Roadsides and weedy fields; frequent [14335].

Salvia lyrata L., Lyre-Leaved Sage. Lawns, fields, and meadows; frequent [14132].

Scutellaria elliptica Muhl., Hairy Skullcap. Mesic woodlands; occasional [14273].

Scutellaria nervosa Pursh, Veiny Skullcap. Dry, slope forests; rare [14367].

Scutellaria parvula Michx., Small Skullcap. Dry, thin woods and fields; locally abundant [14185].

Stachys tenuifolia Willd., Hedge Nettle. Swampy fields; rare [14398].

Teucrium canadense L., American Germander. Wet fields and meadows; abundant [14306].

Trichostema dichotomum L., Blue Curls. Dry forest borders and on earthworks; occasional to rare [13881].

LAURACEAE, Laurel Family

Lindera benzoin (L.) Blume, Spicebush Ravine and streambank woodlands; occasional [14381].

Sassafras albidum (Nutt.) Nees, Sassafras. Disturbed woodlands, fields, fencerows, and thickets; frequent [14316].

LINACEAE, Flax Family

Linum virginianum L., Virginia Flax. Weedy fields; rare [14542].

LOGANIACEAE, Logania Family

Spigelia marilandica (L.) L., Indian Pink. Open, mesic woodlands and bluffs; occasional [14258].

LYTHRACEAE, Loosestrife Family

Ammannia coccinea Rottb., Long-Leaved Ammannia. Mudflats; abundant [14004].

Cuphea viscosissima Jacq. [*C. petiolata* (L.) Koehne], Waxweed. Wet meadows and swamps;

rare [84-553].

Rotala ramosior (L.) Koehne, Tooth-Cup. Mudflats; abundant [14003].

MAGNOLIACEAE, Magnolia Family

Liriodendron tulipifera L., Tulip Tree, Yellow Poplar. Mesic woodlands; frequent [13943, 14187].

**Magnolia grandiflora* L., Evergreen Magnolia. Planted, cultural and historical sites; frequent [14433].

MALVACEAE, Mallow Family

Hibiscus laevis All. [*H. militaris* Cav.], Halberd-Leaved Rose Mallow. Marshes and shrub swamps; occasional [14383].

Hibiscus moscheutos L., Swamp Cotton. Marshes and shrub swamps; occasional [14385].

**Hibiscus syriacus* L., Rose-of-Sharon. Slightly spreading from plantings around cultural sites; rare [14371].

**Sida spinosa* L., Prickly Sida. Disturbed soils; occasional [14459].

MENISPERMACEAE, Moonseed Family

Calycocarpum lyoni (Pursh) Gray, Cupseed. Bottomland thickets; rare [14392].

Cocculus carolinus (L.) DC., Red-Berried Moonseed, Snailseed. Mesic thickets, mostly along streams; locally abundant [14022].

MOLLUGINACEAE, Carpet-Weed Family

Mollugo verticillata L., Carpet-Weed. Moist disturbed areas, river banks; rare [14017].

MONOTROPACEAE, Indian-Pipe Family

Monotropa uniflora L., Indian-Pipe. Mesic woodlands; very rare [82-51].

MORACEAE, Mulberry Family

**Maclura pomifera* (Raf.) Schneid., Osage Orange, Bois D'Arc. Thickets and woodland borders; rare [14340].

**Morus alba* L., White Mulberry. Planted, cultural sites; rare [14170].

Morus rubra L., Red Mulberry. Slope and ravine forests; occasional [14286].

NYSSACEAE, Sour-Gum Family

Nyssa sylvatica Marsh., Black-Gum. Ridge and slope forests; frequent [14362].

OLEACEAE, Olive Family

**Forsythia viridissima* Lindl., Yellowbells, Forsythia. Persisting, homesites; locally abundant [14036].

Fraxinus americana L., American Ash, White Ash. Slope forests; occasional [14332].

Fraxinus pennsylvanica Marsh., Green Ash. Bottomland streambank forests; occasional [14300].

**Ligustrum sinense* Lour., Privet. Spreading from former plantings to fields, thickets, and fencerows; occasional [14001].

ONAGRACEAE, Evening Primrose Family

Circaea lutetiana L., Enchanter's Nightshade. Ravine and bottomland forests; occasional [14324].

Ludwigia alternifolia L., Seedbox. Wet meadows, marshes; occasional [14472].

Ludwigia decurrens Walt., Decurrent-Leaved Primrose Willow. Wet meadows, marshes, and streambanks; occasional [14473].

Ludwigia leptocarpa (Nutt.) Hara [*Jussiaea leptocarpa* Nutt.], Slender-Fruited Primrose Willow. Sandy, open streambanks; rare [14509].

Ludwigia palustris (L.) Ell., Marsh Purslane. Open river banks; rare [83-465].

Oenothera biennis L., Evening Primrose. Disturbed sites; occasional [14425].

Oenothera laciniata Hill, Ragged-Leaved Evening Primrose. Roadsides, fields, meadows; frequent [14153].

OXALIDACEAE, Wood-Sorrel Family

Oxalis grandis Small, Giant Wood Sorrel. Mesic, rocky woodlands; locally abundant [14272].

Oxalis stricta L., Yellow Wood Sorrel. Lawns, roadsides, fields; abundant [14133].

Oxalis violacea L., Violet Wood Sorrel. Dry to mesic woodlands; occasional, often abundant [14088].

PAPAVERACEAE, Poppy Family

Sanguinaria canadensis L., Bloodroot. Mesic, rocky woodlands; rare [14038].

PASSIFLORACEAE, Passion-Flower Family

Passiflora incarnata L., Passion-Flower, Maypops. Fields, fencerows, and thickets; frequent [13944].

Passiflora lutea L., Small Passion-Flower. Bottomland thickets; rare [84-285].

PHYTOLACCACEAE, Pokeweed Family

Phytolacca americana L., Pokeweed. Fields, roadsides, and disturbed sites; frequent [13872].

PLANTAGINACEAE, Plantain Family

Plantago aristata Michx., Bracted Plantain. Fields, roadsides, disturbed sites; locally abundant [14355].

**Plantago lanceolata* L., Buckhorn, Lance-Leaved Plantain. Fields, roadsides, disturbed sites; locally abundant [14177].

Plantago pusilla Nutt., Small Plantain. Open, dry fields; rare [86-61].

Plantago rugelii Dcne., Rugel's Plantain. Fields, meadows, and cultural sites; occasional [14326].

Plantago virginica L., Virginia Plantain. Dry fields and roadbanks; frequent [14114].

PLATANACEAE, Plane-Tree Family

Platanus occidentalis L., Sycamore. Ravine and streambank forests; frequent [14356].

POLEMONIACEAE, Phlox Family

Phlox divaricata L., Blue Phlox. Mesic woodlands; frequent [14072].

Phlox pilosa L., Hairy Phlox. Dry woodlands, forest borders, thickets; occasional [14136].

Polemonium reptans L., Jacob's Ladder. Mesic, mostly bottomland woods; occasional [14091].

POLYGALACEAE, Buckwheat Family

Polygala sanguinea L., Milkwort. Weedy fields; rare [14388].

Polygala verticillata L., Whorled-Leaved Milkwort. Dry, open fields; rare [14370].

POLYGONACEAE, Buckwheat Family

Brunnichia cirrhosa Gaertn., Ladies' Eardrops. Thickets near the Cumberland River, Indian Creek area; rare [13953].

**Polygonum aviculare* L., Knotweed. Dry, sandy roadsides and in gravel roads; rare [14021].

**Polygonum cespitosum* Blume var. *longisetum* (DeB.) Stew., Bristled Smartweed. Mesic fields, ditches, and thickets; frequent [13914].

**Polygonum convolvulus* L., Black Bindweed. Mesic thickets; locally abundant [83-190].

**Polygonum cuspidatum* Sieb. & Zucc., Japanese Knotweed. Persisting and slightly spreading around a homesite; rare [14486].

Polygonum erectum L., Erect Knotweed. Open, sandy roadsides and waste sites; rare [84-280].

Polygonum hydropiperoides Michx., Water Pepper. Marshes, wet meadows; occasional [14441].

Polygonum lapathifolium L., Dock-Leaved Smartweed. Mudflats and marshes; rare [14019].

Polygonum pensylvanicum L., Pink Smartweed. Mudflats, marshes, and ditches; occasional [14395].

**Polygonum persicaria* L., Lady's Thumb. Bottomland meadows; rare [84-279].

Polygonum punctatum Ell., Water Smartweed. Wet meadows, marshes, and ditches; occasional [13915].

Polygonum scandens L., Climbing False Buckwheat. Mesic thickets; occasional [13986].

Polygonum virginianum L. [*Tovara virginica* (L.) Raf.], Jumpseed. Mesic woodlands, most often in bottomlands; occasional [13987].

**Rumex acetosella* L., Sheep Sorrel. Weedy fields, lawns, and meadows; frequent [14156].

Rumex altissimus Wood, Pale Dock. Open river banks; rare [14277].

Rumex conglomeratus Murr., Clustered Dock. Open banks of the Cumberland River; rare [14284].

**Rumex crispus* L., Curly Dock. Cultural sites; frequent [14134].

PORTULACACEAE, Purslane Family

Claytonia virginica L., Spring Beauty. Ravine and bottomland forests, open areas; locally abundant [14049].

**Portulaca oleracea* L., Purslane. Cultural sites; rare [14546].

PRIMULACEAE, Primrose Family

Lysimachia lanceolata Walt., Lance-Leaved Loosestrife. Wet fields, meadows, and marshes; occasional [83-161].

**Lysimachia nummularia* L., Moneywort. Low woods and fields; locally abundant [14307].

Samolus parviflorus Raf., Brookweed. Wet fields and river banks; rare [85-365].

RANUNCULACEAE, Crowfoot Family

Actaea pachypoda Ell., Doll's Eye. Mesic slope and ravine forests; occasional [14127].

Anemone virginica L., Thimbleweed. Thickets and forest borders; rare [14372].

Cimicifuga racemosa Nutt., Black Cohosh, Black Snakeroot. Open, slope forests; locally abundant [14540].

**Clematis ternifolia* DC. [*C. dioscoreifolia* Lev1. & Van.], Sweet Autumn Clematis. Thickets along the river; rare [14474].

Clematis virginiana L., Virgin's Bower. Roadside thickets; rare [14484].

Delphinium tricornis Michx., Larkspur. Mesic slope forests; occasional [14118].

Myosurus minimus L., Mousetail. Wet meadows; rare [14522].

Ranunculus abortivus L., Early Spring Buttercup. Lawns, meadows, and fields; frequent [14068].

Ranunculus hispidus Michx., Hispid Buttercup. Slope woods; rare [14125].

**Ranunculus parviflorus* L., Small-Flowered Crowfoot. Mesic to wet lawns and fields; locally abundant [14180].

Ranunculus recurvatus Poir., Recurved Buttercup. Streambanks and low woods; rare [14165].

**Ranunculus sardous* Crantz, European Crowfoot. Open bottomlands; locally abundant [14113].

Thalictrum thalictroides (L.) Eames & Boivin [*Anemonella thalictroides* (L.) Spach.], Rue Anemone. Mesic, rocky woodlands, roadsides; locally abundant [14046].

RHAMNACEAE, Buckthorn Family

Frangula caroliniana (Walt.) Gray [*Rhamnus caroliniana* Walt.], Carolina Buckthorn. Mesic woods, fields, and thickets; occasional [14308].

ROSACEAE, Rose Family

Agrimonia pubescens Wallr., Hairy Harvest Lice. Ravine and bottomland forests and thickets; rare [14394].

Agrimonia rostellata Wallr., Beaked Harvest Lice. Slope and ridge forests; occasional [84-565].

Amelanchier arborea (Michx.) Fern., Serviceberry. Slope and ridge forests; occasional [14048].

**Chaenomeles lagenaria* (Loisel.) Koidz., Flowering Quince. Based on Chester 82-28 (APSC), collected from a homesite. Plant no longer occurs there.

Crataegus calpodendron (Ehrh.) Med., Urn-Fruited Hawthorn. Low woods; rare [14508].

Crataegus phaenopyrum (L. f.) Medik., Washington Hawthorn. Dry fields and woods; rare [14504].

Crataegus viridis L., Green Hawthorn. Low woods, streambanks; occasional [14369].

**Duchesnea indica* (Andr.) Focke, Indian Strawberry. Open, disturbed sites; generally rare [14080].

Fragaria virginiana Duchesne, Wild Strawberry. Old fields; locally abundant [84-144].

Geum canadense Jacq., Canada Avens. Mesic slope and ravine forests; occasional [14336].

Geum vernum (Raf.) Torr. & Gray, Vernal Avens. Mesic forests, disturbed sites; locally abundant [14102].

Gillenia stipulata (Muhl.) Baill., American Ipecac. Dry woods and thickets; rare [14266].

**Potentilla recta* L., Five-Finger. Open, disturbed sites; rare [14534].

Potentilla simplex Michx., Cinquefoil. Roadsides, fields, and disturbed sites; frequent [14142].

Prunus americana Marsh., American Plum. Dry woods; rare [14074].

Prunus angustifolia Marsh., Chickasaw Plum. Old fields, fencerows, and thickets; locally abundant [14338].

**Prunus persica* (L.) Batsch, Common Peach. Planted; old orchards and homesites [14194].

Prunus serotina Ehrh., Wild Cherry. Slope forests, fencerows, and fields; frequent [14108].

**Pyrus communis* L., Common Pear. Planted; old orchards and homesites [14167].

**Pyrus malus* L., Common/Crab Apple. Planted; old orchards and homesites; very rare [14095].

Rosa carolina L., Carolina Rose. Dry, old fields and thickets; occasional [14234].

**Rosa cultivar.*, Creeping Rose. Thicket-forming around cultural sites; rare [14271].

**Rosa multiflora* Thunb. ex Murr., Multiflora Rose. Actively spreading from plantings into fields and thickets; locally abundant [14168].

Rosa setigera Michx., Prairie Rose. Mesic fields and thickets; occasional [14313].

Rubus argutus Link, Blackberry. Old fields and thickets; abundant [14209].

**Spiraea prunifolia* Sieb. & Zucc., Bridal Wreath. Persisting, mostly around homesites; rare [14052].

**Spiraea thunbergii* Sieb. ex Blume, Thunberg's Bridal Wreath. Planted around homesites; rare [14157].

**Spiraea vanhouttei* (Briot.) Zabel, Common Bridal Wreath. Persisting around an old homesite; rare [14144].

RUBIACEAE, Madder Family

Cephalanthus occidentalis L., Buttonbush. Shrub swamps and marshes; abundant [14384].

Diodia teres Walt., Poor-Joe. Dry, open fields; abundant [13923].

Diodia virginiana L., Virginia Buttonweed. Wet meadows and ditches; occasional [14352].

Galium aparine L., Bedstraw. Cultural sites; locally abundant [14105].

Galium circaeazans Michx., Wild Licorice. Dry slope forests; occasional [14310].

Galium obtusum Bigelow, Obtuse-Leaved Bedstraw. Ravine and bottomland woods; rare [82-280].

**Galium pedemontanum* Ell., Piedmont Bedstraw. Fields and meadows; locally abundant [14135].

Galium pilosum Ait., Hairy Bedstraw. Weedy fields; occasional [14346].

Galium tinctorium (L.) Scop., Swamp Bedstraw. Wet fields and meadows; rare [82-311].

Galium triflorum Michx., Sweet-Scented Bedstraw. Mesic slope forests; occasional [83-258].

Houstonia purpurea L., Purple Bluets. Roadsides, fields, and open woods; frequent [14210].

Houstonia pusilla Schoepf., Small Bluets. Open fields, meadows, and roadsides; locally abundant [14042].

**Sherardia arvensis* L., Field Madder. Lawns, National Cemetery; locally abundant [14081].

Spermacoce glabra Michx., Buttonweed. Weedy fields and thickets by streams; rare [14279].

SALICACEAE, Willow Family

Populus deltoides Bartr., ex Marsh., Cottonwood. Streambanks; occasional [14357].

Salix caroliniana Michx., Carolina Willow. Floodplain of Indian Creek; rare [14008].

Salix nigra Marsh., Black Willow. Streambanks; occasional [14009].

SAPINDACEAE, Soapberry Family

**Cardiospermum halicacabum* L., Balloon Vine. Riverside thickets; rare [14006].

SAPOTACEAE, Sapodilla Family

Bumelia lycioides (L.) Pers., Southern Buckthorn. Slope forests; rare [14302].

SAXIFRAGACEAE, Saxifrage Family

Heuchera americana L., American Alumroot. Mesic, wooded bluffs; locally abundant [14379].

Saxifraga virginensis Michx., Early Saxifrage. Mesic bluffy woods above the Cumberland River; rare [14039].

SCROPHULARIACEAE, Figwort Family

Agalinis tenuifolia (Vahl.) Raf., Slender Foxglove. Weedy fields; locally abundant [13887].

Aureolaria flava (L.) Fern., Yellow False Foxglove. Dry slopes and ridges; rare [14460].

Dasytoma macrophylla (Nutt.) Raf., Mullein-Foxglove. Dry woods; occasional [14363].

**Kickxia elatine* (L.) Dum., Canker Root. Limestone rock-fill along the river; rare [14410].

Leucospora multifida (Michx.) Nutt., Clefted Conobea. Mudflats; abundant [13978].

Lindernia dubia (L.) Penn., False Pimpernell. Mudflats; occasional [13979].

Mimulus alatus Ait., Monkey Flower. Marshes, wet meadows; occasional [14406].

**Paulownia tomentosa* (Thunb.) Sieb. & Zucc., Princess Tree, Empress Tree. Persisting and slightly spreading from old plantings; rare [14287].

Penstemon calycosus Small, Purple Beard-Tongue. Rocky, open woods and meadows; infrequent [14201].

Penstemon laevigatus Ait., Smooth Beard-Tongue. Dry, open woods; locally abundant [83-81].

**Verbascum blattaria* L., Moth-Mullein. Open roadbanks and fields; occasional [14241].

**Verbascum thapsus* L., Common Mullein. Disturbed sites; locally abundant [14294].

**Veronica arvensis* L., Common Speedwell. Lawns; locally abundant [14065].

Veronica peregrina L., Neckweed. Wet meadows and fields; occasional [14112].

**Veronica serpyllifolia* L., Thyme-Leaved Speedwell. Lawns; locally abundant [14067].

Veronicastrum virginicum (L.) Farw., Culver's-Root. Dry, open woods and roadbanks; locally abundant [14451].

SOLANACEAE, Nightshade Family

**Datura stramonium* L., Jimsonweed. Disturbed soils; rare [14498].

**Lycopersicum esculentum* Miller, Tomato. Based on Chester 83-319 (APSC). Waif on river bank in 1983 and not observed since.

Physalis angulata L., Angled Ground Cherry. Open river banks; occasional [14497].

Physalis heterophylla Nees, Variable-Leaved Ground Cherry. Roadsides, river banks; rare [84-159].

Physalis longifolia Nutt. var. *glabrata* (Mack. & Bush.) Cronq., Long-Leaved Ground Cherry. Moist fields and meadows; occasional [14281].

Solanum americanum Mill., American Nightshade. Fields and meadows; occasional [83-233].

Solanum carolinense L., Horse-Nettle. Fields, meadows, and roadsides; occasional [14265].

STAPHYLEACEAE, Bladdernut Family

Staphylea trifolia L., Bladdernut. Mesic, rocky woods and bluffs; rare [14122].

TILIACEAE, Linden Family

Tilia americana L. var. *heterophylla* (Vent.) Loud., Basswood. Slopes above the river and Hickman Creek; frequent [14150].

ULMACEAE, Elm Family

Celtis laevigata Willd., Southern Hackberry, Sugarberry. Fields, fencerows, and streambanks; occasional [14267].

Celtis occidentalis L., Northern Hackberry. Low woods and thickets; rare [14204].

Ulmus alata Michx., Winged Elm. Dry woods and fields; frequent [14387].

Ulmus americana L., American Elm. Mesic woods; occasional [14288].

**Ulmus pumila* L., Siberian Elm. Based on Chester 84-549 (APSC). Two old trees grew in the yard of a house just south of the Fort Donelson site in 1984; they have been removed and this species may no longer occur in FDNMP.

Ulmus rubra Muhl., Red Elm, Slippery Elm. Ravine, streambank, and bottomland woods; occasional [14245].

URTICACEAE, Nettle Family

Boehmeria cylindrica (L.) Swartz, False Nettle. Wet meadows and marshes; abundant [13966].

Laportea canadensis (L.) Wedd., Wood-Nettle. Ravine and bottomland woods; occasional [14400].

Parietaria pensylvanica Muhl., Pellitory. Mesic bluffs; locally abundant [84-222].

Pilea pumila (L.) Gray, Clearweed. Muddy woods along Hickman Creek; rare [14511].

VALERIANACEAE, Valerian Family

**Valerianella locusta* (L.) Betcke, European Corn Salad. Disturbed soils throughout; locally abundant [14141].

Valerianella radiata (L.) Dufr., Corn-Salad. Meadows along the river; locally abundant [14140].

VERBENACEAE, Vervain Family

Phryma leptostachya L., Lopseed. Mesic woodlands; occasional [14393].

Phyla lanceolata (Michx.) Greene [*Lippia lanceolata* Michx.], Fog-Fruit. Open banks by streams, wet meadows; frequent [14382].

Verbena simplex Lehm., Blue Vervain. Roadsides and fields; occasional [14261].

Verbena urticifolia L., White Vervain. Mesic woods and thickets; occasional [14341].

VIOLACEAE, Violet Family

Hybanthus concolor (Forst.) Spreng., Green Violet. Rocky woods; locally abundant [84-257].

Viola palmata L., Lobed-Leaf Violet. Ridge and slope forests, fields; occasional [14110].

Viola priceana Pollard, Confederate Violet. Low meadows; rare [14070].

Viola pubescens Ait. [*V. pensylvanica* Michx.], Yellow Violet. Slope, ravine, and bottomland forests; abundant [14051].

**Viola rafinesquii* Greene., Field Pansy. Lawns and fields; abundant [14045].

Viola sororia Willd. [*V. papilionacea* Pursh], Meadow Violet. Mesic woodlands, lawns, disturbed sites; abundant [14069].

VISCACEAE, Mistletoe Family

Phoradendron leucarpum (Raf.) Reveal & Johnston [*P. flavescens* (Pursh) Nutt.], Mistletoe. Epiphytic on hardwoods; rare [14517].

VITACEAE, Grape Family

Ampelopsis arborea (L.) Koehne, Pepper-Vine. Thickets; locally abundant [14285].

Ampelopsis cordata Michx., Heart-Leaf Ampelopsis. Low woods and thickets; frequent [14023].

Parthenocissus quinquefolia (L.) Planch., Virginia Creeper. Mesic woodlands; abundant [14436].

Vitis aestivalis Michx., Summer Grape. Dry woods and thickets; occasional [14312].

Vitis vulpina L., Frost Grape. Mesic thickets and woods; occasional [13902].