

# **KENTUCKY FOREST LEGACY PROGRAM ASSESSMENT OF NEED**



*(See Attached Supporting Documentation)*

# **KENTUCKY**

## ***FOREST LEGACY PROGRAM***

### ***ASSESSMENT OF NEED***



# **Kentucky's Forest Legacy Areas**

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# **INTRODUCTION**

## **AUTHORITY**

The Cooperative Forestry Assistance Act of 1978, as amended, (16 U.S.C. 2103c et.seq.) provides authority for the U.S. Secretary of Agriculture to provide financial, technical, educational, and related assistance to states, communities, and private forest landowners. Section q217 of Title XII of the Food, Agriculture, Conservation and Trade Act of 1990 (P.L. 101-624: 104 stat.3359), also referred to as the 1990 Farm Bill, amended the Cooperative Forestry Assistance Act and allows the U.S. Secretary of Agriculture to establish the Forest Legacy Program to protect environmentally important forest areas that are threatened by conversion to non-forested uses. This authority continues indefinitely. Through the 1996 Farm Bill (Federal Agriculture Improvement and Reform Act of 1996; Public Law 104-127); Title III - Conservation; Subtitle G - Forestry; Section 374, Optional State Grants for Forest Legacy Program), the U.S. Secretary of Agriculture is authorized, at the request of a participating State, to make a grant to the state to carry out the Forest Legacy Program in the state, including the acquisition by the State of lands and interests in lands. The Commonwealth of Kentucky has requested the State Grant Option.

The Kentucky Division of Forestry is the lead agency for the Forest Legacy Program in the Commonwealth of Kentucky (Appendix 1). The Cooperative Forestry Assistance Act directs the U.S. Secretary of Agriculture to establish eligibility criteria for the designation of Forest Legacy Areas, in consultation with the Kentucky State Forest Stewardship Coordinating Committee (Appendix 2). These criteria are developed based upon the state lead agency's Assessment of Need for establishing a State Forest Legacy Program.

## **PURPOSE OF THE FOREST LEGACY PROGRAM**

Since the majority of the nation's productive forestlands are in private ownership, these private landowners are facing increased pressure to convert their forestland to other uses. Greater population density and user demands are placing increased pressures on private lands to provide a wide variety of products and services including fish and wildlife habitat, aesthetic qualities, timber and recreation opportunities. However good stewardship of privately held forest lands requires a long-term commitment that can be fostered through a partnership of federal, state, and local government efforts.

In 1990, the Forest Legacy Program was one of several programs established to promote the long-term integrity of forestlands. The U.S. Secretary of Agriculture was directed to establish a Forest Legacy in cooperation with State, regional and other units of government. In carrying out this mandate, the U.S. Secretary of Agriculture is authorized to acquire lands and interests in lands in perpetuity for inclusion in the Forest Legacy Program. Landowner participation in the Forest Legacy Program, including the sale of lands and interests in lands, is entirely voluntary.

## **ASSESSMENT OF NEED (AON)**

The purpose of the AON is:

1. To document the need for a Forest Legacy Program in Kentucky;
2. To identify and delineate the boundaries of forest areas meeting the eligibility requirements for designation as Forest Legacy Areas; and
3. To recommend areas to the USDA Forest Service /US Secretary of Agriculture for inclusion into the Forest Legacy Program.





## EXECUTIVE SUMMARY

Kentucky's forests play as much a part in the state's history as Daniel Boone and other early pioneers. In Boone's time, the forest was home for wild game that existed in abundance, and the timber supplied materials for building homes and furniture. There were 25 million acres of forestland in Kentucky when settlers began establishing homesteads.

In 1870, Kentucky produced over 200 million board feet of lumber. By 1907, lumber production reached one billion board feet. Huge stands of yellow-poplar, oak, ash and maple were harvested to satisfy a growing industrial nation. Destructive logging practices and waste prevailed throughout the early lumbering days, and fire often followed logging. Trees were so plentiful that few recognized the need for conservation.

In the early 20<sup>th</sup> century, a few nationally prominent figures such as Teddy Roosevelt and Gifford Pinchot, the first chief of the USDA Forest Service, began to call attention to the need for conservation. In 1912, the Kentucky Legislature provided for establishment of a Board of Forestry which later led to the creation of the Kentucky Division of Forestry. The initial emphasis for the division was to reduce the severity of wildfires in the state. Today, the mission of the Division of Forestry encompasses the entire forest spectrum. The mission reads:

***To protect and enhance the forest resources of the Commonwealth through a public informed of the environmental and economic importance of these resources.***

This forestland provides multiple benefits to the citizens of the Commonwealth, including timber production, wildlife habitat, recreation opportunities, quality water and aesthetic beauty. The passage of the Kentucky Forest Conservation Act (KFCA) mandated that the Natural Resources and Environmental Protection Cabinet's Division of Forestry ensure healthy, sustainable forests that are ecologically sound, provide economic opportunities, and benefit the overall quality of life for all Kentuckians. The Division of Forestry promotes the sustainability of Kentucky's forest ecosystem in the Forest Stewardship Program. The Division of Forestry is mandated by Kentucky Revised Statutes Chapter 149 to provide for a system of wildland fire prevention, detection and suppression. The Division of Forestry provides technical assistance in Forest Stewardship, Urban and Community Forestry and Forest Health Program. The Division of Forestry operates two tree seedling nurseries.

In Kentucky, most of the fertile river bottoms and the uplands having gentle topography have been converted from forestland to agriculture and residential uses. Over much of the state, forests that once covered extensive areas are now confined to the steepest, rockiest or otherwise unfarmable terrain. In eastern and western Kentucky, surface mining has converted forests to pasture and other uses. Barrens (tall grass prairie) and savanna-woodland once covered an estimated two to three million acres in Kentucky. More than 80 percent of Kentucky's wetlands have been ditched, drained, and converted to other uses. Most often the driving force behind habitat loss and/or conversion is population density and urbanization.

There is no single motivating factor behind forest fragmentation in Kentucky. To lessen the rate of forest fragmentation and/or forest conversion in the Commonwealth of Kentucky depends upon the continued efforts from forest landowners, federal and state land conservation programs, population density; reducing urban sprawl, protecting physiographic regions, wildlife management and natural resource protection efforts, watershed protection, and restoration projects. In order to ensure and protect the Commonwealth of

Kentucky's critical forestland, the establishment of the Forest Legacy Program will help provide that forest conservation mechanism.

Eighty eight percent of the forestland is privately owned and by 2040, the population rate is estimated 4,745,599 people in the Commonwealth of Kentucky. Kentucky's land conversion rate is 172 acres per day changing to uses other than forestland. Current land use trends are medium to large farm and forestland tracts are being sold and broken up into parcels ranging 5-20 acres in size often referred to as hobby farms. Smaller forestland parcels are highly dissected, fragmented and are often more difficult to manage for timber and wildlife resources and protecting watersheds, and underground karst systems. As the complexities of forest management increase so does the demand for natural resources. An estimated 197 million cubic feet of total round wood output in 2017 came from non-industrial private forestlands. Round wood is defined as logs, bolts, or other round section cut form trees for industrial manufacture or consumer uses.

Currently, the Kentucky Division of Forestry along with the USDA Forest Service is involved in completing a statewide forestry inventory. A project completed by the Kentucky State Natures Preserves provided the breakdown of the percent of forest cover and the number of contiguous forest blocks by county. Some Kentucky counties still have a significant number of large contiguous forest blocks still remaining. The forested ecosystems, fish and wildlife resources, mineral resources, soils, watersheds, landowner assistance programs, land trusts, threatened and endangered species, state forest system and federal ownership were described to provide statewide natural resource information and land conservation efforts currently on-going and re-enforce the necessity of a Forest Legacy Program within the Commonwealth of Kentucky.

The ad hoc committee of the State Stewardship Coordinating Committee included representatives of public agencies and conservation organizations that have a working knowledge of forestry and timber production, fish and wildlife management, natural areas, threatened and endangered species, aquatic resources, watershed protection, and public resource conservation. This collaboration represents decades of natural resource knowledge and work brought forth to assist and designate the Northern, Eastern, Southern and Western Kentucky Forest Legacy Areas. County lines were used to simplify the geographical boundaries of the designated Forest Legacy Areas in combination with the Kentucky's major watershed boundaries. Kentucky Assessment of Need describes the authority, purpose, goals, and Forest Legacy Program administration.

## **KENTUCKY'S FOREST LEGACY - GOALS**

The goals of the Kentucky Forest Legacy Program are to protect environmentally important forest areas that are threatened by conversion to non-forested uses and to promote working forests and other conservation opportunities. The **working forest concept** shall be defined as forestlands with specific objectives that follow forest stewardship principles. These principles address timber management, wildlife management, soil and water conservation, recreation, and aesthetics. The forest stewardship principles shall be defined by the landowner's goal(s) set forth in his/her Forest Stewardship Plan. A Forest Stewardship Plan or equivalent Forest Management Plan will be required when a landowner makes application to Kentucky's Forest Legacy Program

Environmentally important forest areas shall contain multiple combinations of the following important public values and shall be ranked through a system based on these values: (This list does not indicate or imply an order of importance.)



1. **Scenic resources**
2. **Public recreation opportunities**
3. **Public education opportunities**
4. **Riparian areas**
5. **Wetlands**
6. **Fish and Wildlife habitat**
7. **Native plant communities**
8. **Connectivity to other significant areas and other protected lands**
9. **Known threatened and endangered species**
10. **Known cultural resources**
11. **Other ecological values**

These forests should provide opportunities for the continuation of traditional forest uses, such as forest management, sustainable timber harvesting, and outdoor recreation.

At least 25 percent of the total acreage of the landowner's property must fall into a designated forest legacy area. Since many tracts may qualify for the Forest Legacy Program, eligibility criteria have been established in order to prioritize acquisition proposals. Landowner applications (fee simple or conservation easements) will only be accepted starting February 1 thru April 30 of each year. **This landowner application process is subject to change-based on recommendations from the Kentucky Forest Stewardship Coordinating Committee.** The Kentucky Forest Stewardship Coordinating Committee shall rank landowner applications (Appendix 3) by using a Kentucky's Forest Legacy Project Proposal Evaluation Form (Appendix 4).

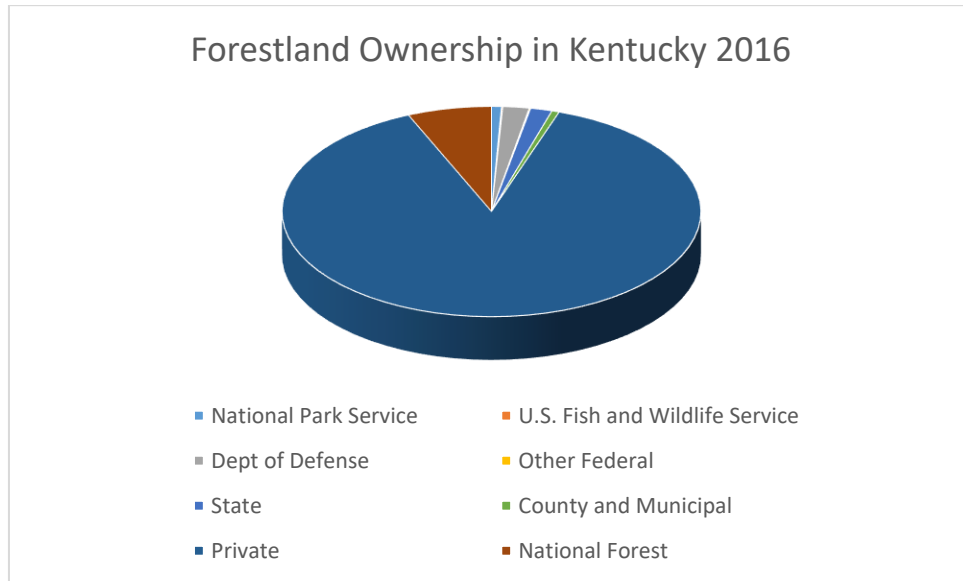
**Lands and interest in lands identified within a Forest Legacy Area may be acquired under Forest Legacy Program authority by the Commonwealth of Kentucky, only on a willing seller/willing buyer basis. Lands acquired or conservations easements purchased under the Forest Legacy Program shall be held by the Commonwealth of Kentucky.**

## **KENTUCKY FOREST RESOURCE - TRENDS AND THREATS**

Kentucky's forests are highly variable in biological diversity, and are extremely complex in terms of their development and the associated ecological processes that keep a forest ecosystem functioning. Kentucky is in the geographic center of deciduous hardwood forests of eastern North America. Evergreen dominate only a small percentage of Kentucky forests.

Today Kentucky has 12.3 million acres of forestland. Eighty eight percent of this forest is privately owned by more than 467,000 landowners (Figure 1). It is estimated that less than 12 percent of Kentucky's annual timber harvest of more than 808 million board feet utilize a professional forester or have a forest management plan on the property. Such values indicate great potential benefits from managing young stands to improve our forests for the future.

**Figure 1 – Forestland Ownership in Kentucky**



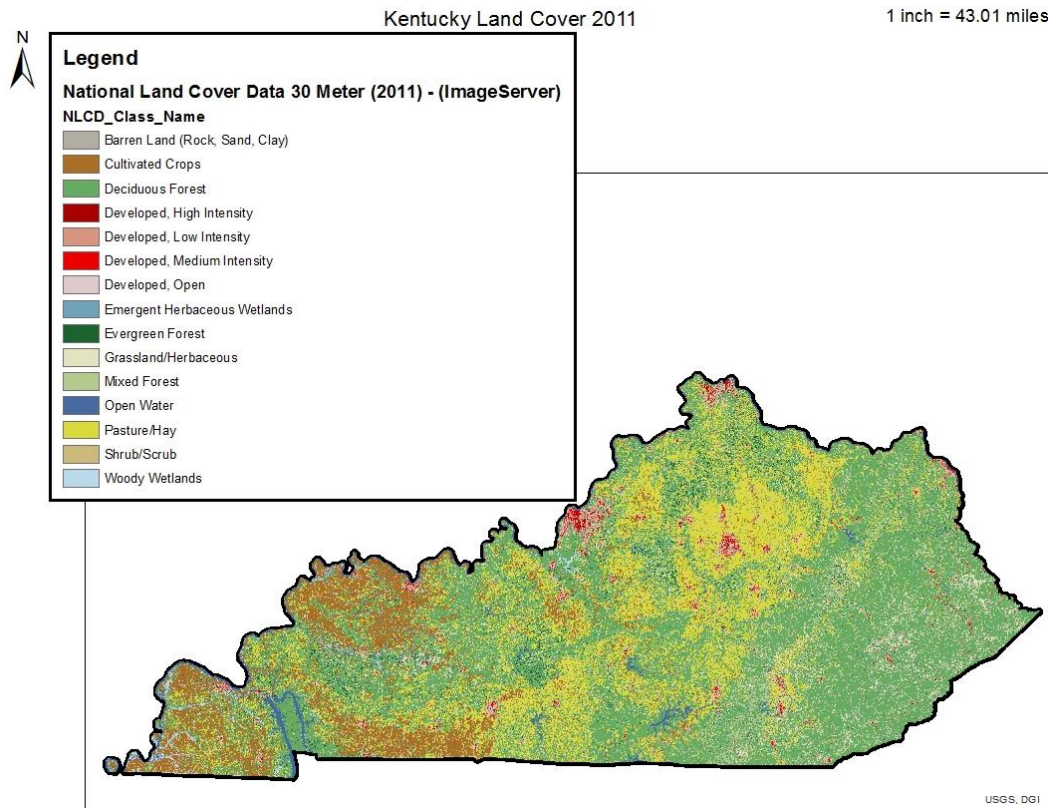
Today's forests vary considerably in age and composition due to various periods and types of clearing, logging, burning and grazing. Several hundred thousand acres of forests have developed as a result of abandonment of land that was formerly in crops or pastures. Forestland has increased in this century; however, the rate of urbanization, transportation corridors, impounded rivers and forest fragmentation has not declined.

Kentucky's five major timber types and percentage includes oak/hickory (76 percent), maple/beech/birch (8 percent), elm/ash/cottonwood (6 percent), loblolly/shortleaf pine (1.5 percent), oak/pine (4 percent) and other (3 percent).<sup>1</sup> Figure 2 provides the statewide perspective of land cover types/land use in Kentucky.

From 1982 to 1992, total agricultural land (cropland, pastureland, and forestland) decreased from 85.1 percent of the total land and water area to 82.3 percent. Between 1982 and 1992 more than 460,000 acres were converted to uses other than cropland, pastureland or forestland. Of this conversion, urban/built-up and roads increased by nearly 368,000 acres, water areas increased by over 18,000 acres. Federal land increased by about 74,000 acres. This conversion represents a rate of **126** acres per day changing to uses other than cropland, pastureland or forestland; and of this amount, conversion to urban/built-up and roads is about **101** acres per day.<sup>2</sup>

Some species have declined in importance due to their fluctuating commercial value and the change in forest condition, these include black walnut and black cherry. Other successional and pioneer species such as eastern redcedar and yellow-poplar have increased in importance, dominating a higher percentage of forest acreage. Some species have been virtually eliminated from our forest---notably, American chestnut and wolves ---but most forest species continue to exist in spite of the dramatic change from pre-settlement forest to the present.

Figure 2 – Land Cover/Land Use in Kentucky



### Kentucky Timber-Industry Timber Product Output

An estimated 188 million cubic feet, or 87 percent, of the total round wood output in 2016 came from non-industrial private forest (NIPF) lands. Public land contributed 26 million cubic feet, or 12 percent output. Forest Industry lands made up the remaining 1 percent, or 2 million cubic feet. The red oak and white oak groups combined accounted for 89 million cubic feet or 45 percent of total hardwood output. Yellow-poplar and hickory accounted for 15 and 10 percent, respectively, of total hardwood output. Yellow pines provided more volume than any other softwood species group, accounting for 75 percent of the total softwood. The loblolly and shortleaf pine types accounted for 39 percent of the total softwood output.<sup>3</sup>

## KENTUCKY’S FORESTED ECOSYSTEMS

### Mixed Mesophytic Forests

The Mixed Mesophytic Forest Region of the Cumberland Plateau and Mountains is widely recognized as a center of the biological diversity of the world's temperate deciduous forests. The plateau is part of the rugged southern Appalachian region in portions of eight states including eastern Kentucky, southeastern Ohio, and most of West Virginia. The term "**mixed mesophytic**" refers to the mixture of dominant trees in the forest ecosystems of the prevailing, cool, moist, mountain environments. At least 10 commercially valuable tree species are important canopy trees: white oak, northern red oak, shagbark hickory, white ash, beech, sugar maple, black walnut, basswood, and yellow-poplar.<sup>4 5 6</sup>

### **Western Mesophytic (Oak-Hickory) Forests**

West of the Cumberland Plateau and mountains of eastern Kentucky, is dominated by upland forest species like oak/hickory usually with hickory being the second most important species group. The composition of these forest communities and ecosystems also vary greatly depending on topography, soils, and land-use history. The possible forest communities (types) are numerous. Due to drier site conditions, diversity may be lower than in the mixed mesophytic forests of eastern Kentucky, but they are still rich in plant and animal species.<sup>6</sup>

These forests have been broadly classified as western mesophytic or oak-hickory forests. Western mesophytic is probably more appropriate because of the wide diversity of possible forest communities other than those strictly dominated by oaks and hickories (as in Missouri and Arkansas Ozarks). White oak is the major oak of these forests with chestnut oak, black oak, post oak, scarlet oak, southern red oak, and northern red oak as major contributors to the forest canopy. On limestone-derived soils, chinkapin oak and Shumard oak become more important. Shingle oak or blackjack oak are less frequent but widely distributed on selective sites.<sup>4 6 7 8</sup>

Major hickories are pignut, mockernut, red hickory, bitternut and shagbark, depending on site conditions and community history. Such species as red maple and blackgum become more important in young or selectively logged forests. On north facing slopes, ravines and other cool, moist environments, forests may be quite different with beech, sugar maple, white ash, black walnut, hackberry, and elm joining or completely replacing white oak and the other oaks as major species.<sup>6</sup>

### **Bottomland Hardwood Forests**

In the major wetlands of Kentucky are the bottomland hardwood forests which are concentrated on the broad floodplains and poorly drained areas in the Coastal Plain and Shawnee Hills regions of western Kentucky. Wetlands do occur throughout the state, however. Forests along all of the major rivers and streams are the remnants of forests that occupied the associated floodplain.<sup>6</sup>

All of these forests are characterized by standing water that ranges from periods of brief flooding to permanent flooding. Old river scars, oxbows, and low places that are continuously flooded in western Kentucky are dominated by baldcypress and water tupelo. Areas that are subject to winter and spring flooding are usually dominated by pin oak, cherrybark oak, overcup oak, sweetgum, green ash and eastern hophornbeam.<sup>9</sup>

Upland swamp forests that exist in filled sinks, low places, and abandoned stream channels can have compositions with beech, white oak, sweetgum, red maple, pin oak, and swamp white oak. Forests along streams are characterized by sycamore, green ash, hackberry, slippery elm, boxelder, silver maple, and red maple. Successional forest wetlands, river sand bars, and poorly drained abandoned mine or agricultural lands may be dominated by willow, river birch, red maple, sycamore, and wetland shrubs such as button bush and other flood tolerant species.<sup>6</sup>

### **Evergreen Forests**

Forest communities and ecosystems dominated by evergreens---pines, eastern hemlock, and eastern redcedar---constitute a relatively small portion of total forest acreage, but can be important to regional diversity.<sup>6</sup>

Eastern hemlock forests occur in gorges, ravines, and drainages in eastern Kentucky where they provide

watershed protection for headwater streams. Hemlock forests are usually relatively simple forest communities because of the high percentage of hemlock and a near continuous understory of a single shrub--rhododendron (big or white laurel). The two species provide heavy shade and promote development of acid soil conditions that exclude other species.<sup>5 6</sup>

Pine forests or pine mixed with oak are major forest communities on thousands of acres of the most exposed, dry ridges and south-facing slopes in eastern Kentucky. Relative to the mixed mesophytic forests of the region, these forests of dry habitats have fewer, smaller and lower community diversity.<sup>6</sup>

Pitch, shortleaf and Virginia pines are the dominant species. White pine becomes more dominant in the central and northern parts of the Cumberland Plateau. Chestnut oak, white oak, and scarlet oak are components of these forests and may share dominance with the pines.<sup>6</sup>

Eastern redcedar communities are typically early successional. Mature forests of eastern redcedar exist as forest patches, especially on shallow soils of limestone outcrops. Old fields may also be invaded and dominated by Virginia and shortleaf pines if there is a seed source. These pine and cedar forests can exist for decades. Extensive areas have been planted to loblolly pine in western Kentucky as part of a reclamation efforts, or erosion control efforts.<sup>6</sup>

### **Savanna-Woodlands**

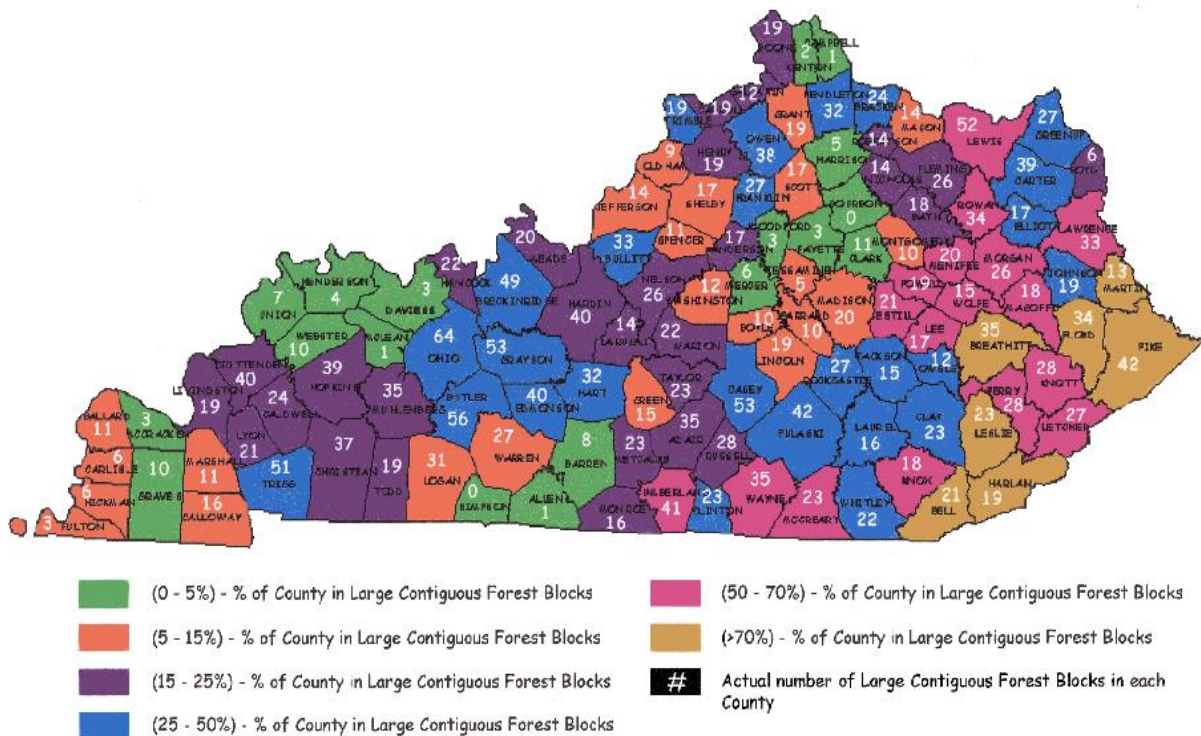
E. Lucy Braun recognized the savanna-woodland of the Bluegrass Region as the most anomalous vegetation type of the eastern deciduous forest.<sup>3</sup> Unfortunately, the intact ecosystem seen at the time of settlement is described in general terms. There are numerous historical references to "caneland", open woods, and plentiful forage and wildlife, especially bison, elk, and deer. Based on the scattered remnants that still exist on several Bluegrass farms, these open forests were composed primarily of blue ash, chinkapin, Shumard and bur oaks, white ash, and shellbark hickory.<sup>6</sup>

The original understory of cane, wild rye grass, and other grasses along with legumes, served as forage for the large grazers and as fuel for fires. That understory has now been replaced by planted fescue and bluegrass, and the grazers are domesticated cattle, sheep, and horses.<sup>6 8</sup>

### **Figure 3 – Kentucky State Nature Preserves—Large Forest Block Data**

Marc Evans, botanist with the Kentucky State Nature Preserves Commission and Demetrio P. Zourarakis, Geographic Information Systems Specialist with the Kentucky Division of Conservation developed the Large Contiguous Forest Block Vegetation Data Layer for the Commonwealth of Kentucky based on data collected from the Geographic Analysis Project (GAP).





### Large Forest Block Executive Summary

Habitat alteration and forest fragmentation is recognized as one of the primary causes in the decline of biological diversity. At the time of European settlement Kentucky was approximately 90% forested. After more than two hundred years of clearing and altering the landscape Kentucky is now about 50% forested. However the size and location of remaining contiguous forest areas was not known. In addition, forest size and shape is important for supporting viable populations of forest dependent species and this information for Kentucky was not known. This project was initiated to determine the size, shape and location of the remaining large forest blocks in the Commonwealth.

### Large Forest Block Justification

Forest and landscape alteration and fragmentation is one of the primary causes of the decline of biological diversity. In Kentucky it is the backdrop against which biological diversity and forest ecosystem preservation and management decisions have to be made at the governmental and landowner level. The Kentucky State Nature Preserves Commission conducts inventories and manages areas with un-fragmented, undisturbed, natural ecosystems. The Kentucky Division of Conservation provides assistance to enhance the landowners' ability to protect areas with unique characteristics.

### Large Forest Block Materials And Methods

To capture the largest and most ecologically significant forest blocks a minimum size of 900 acres was established for forests in all of Kentucky west of the Cumberland Plateau and a minimum size of 4,500 acres in the Cumberland Plateau and Cumberland Mountains.

At the time this project was undertaken, two data sets with information on land cover and habitat types existed for Kentucky. One was the land cover classification (1992 National Land Cover Data - United States Geological Survey) and the other one being the plant community classification.<sup>23</sup> The late-1990's Kentucky road network (i.e. local and Kentucky Transportation Cabinet road coverages) was used to eliminate smaller than-the-threshold areas<sup>22</sup>. Utilizing this "sieve", road-less areas were determined, potentially containing forest patches that possess certain properties of interest, such as threshold values for forest patch metrics (area; percentage of inclusions; area:perimeter ratio; etc.). Raster analysis was conducted, using a GIS to delineate continuous, forested regions.

### **Large Forest Block Results**

A total of 1,892 contiguous forested areas were delineated, ranging in sizes from 360 to 26,300 hectares. Sixty percent of the forest blocks had a surface area of 970 hectares or less. Nine percent of the forest blocks were larger than 10,000 acres. Internal openings of 56 acres or less were found in 90 percent of the forest blocks. However, the percentage of area in internal openings ranged from less than 0.1 to 23.5 percent; 93 percent of the blocks had internal opening areas of 10 percent or less. Area:perimeter ratio values ranged from 110:1 to 2,130:1 with 75 percent falling below the 725:1 value. Multivariate spatial analysis is on going with the purpose of refining the metrics and providing a base map for future revisions.

## **KENTUCKY'S OTHER NATURAL RESOURCES**

### **Wildlife Resources**

Hunting and wildlife watching are very important social and economical activities in Kentucky. According to preliminary findings of the **2001 U.S. Fish and Wildlife Survey Report**, 323,000 hunting licenses were sold in Kentucky in 2001. Retail sales for hunting-related items equaled \$506 million, and hunting had an overall economic impact of approximately \$1 billion in Kentucky. In 1996 (from 1996 **U.S. Fish and Wildlife Survey Report**), hunting-related retail sales in Kentucky were \$365 million, with an overall economic impact of \$718 million and a total of 10,439 jobs.

Kentucky Department of Fish and Wildlife Resources (KDFWR) manages state-owned or leased wildlife management areas (WMAs) across Kentucky. Each WMA is managed for a suite of wildlife species and provides ample recreational opportunities for Kentucky's citizens. KDFWR owns or manages approximately 670,000 acres statewide, many of which occur within each of the forest legacy regions. Although Kentucky does not have a statewide WMA hunting or user permit requirement, they do require hunting permits on 2 of their WMAs. During the 2001-2002 hunting season, nearly 1,100 permits were sold for one WMA, and 15,210 permits were sold at the other. However, the number of permits sold represents a very small portion of annual visitors to these WMAs—they are visited extensively for bird watching, elk viewing, canoeing, etc. Residents and nonresidents of Kentucky use these state-owned lands extensively for hunting, fishing, wildlife viewing, camping, hiking, horseback riding, and numerous other recreational opportunities and offer a tremendous economic boost to our state.

The **2001 U.S. Fish and Wildlife Survey Report** illustrates the growing importance of public lands and wildlife-watching activities. In 2001, Kentucky had an estimated 1.23 million residential (within one mile of home) wildlife-watching participants and an additional 385,000 nonresidential participants (more than one mile from home). All-tolled, wildlife-watching expenditures in Kentucky in 2001 were approximately \$812 million (up from \$182 million in 1996). Total economic impact for 2001 has not been calculated yet, but a large increase from 1996's total of \$275 million will be evident.<sup>10 11</sup>

## **Fisheries Resources**

Fishing is one of the most popular outdoors-related activities in Kentucky. In 2001, 780,000 resident and nonresident anglers purchased fishing licenses. Kentucky offers a diversity of freshwater fishery resources, including over 333 miles of trout streams, 49,100 miles of warm water streams (18,500 miles are perennial) and 293,400 acres of impoundments. Anglers spent over \$600 million in 2001 (**2001 U.S. Fish and Wildlife Survey Report**) on fishing in Kentucky. In 1996, when anglers spent \$517 million, fishing which generated an estimated 14,082 jobs and had a total economic impact of over \$1 billion.<sup>11</sup>

## **Tourism and Forest-based Recreation**

Tourism is Kentucky's third largest industry, contributing over \$8.7 billion to the state's economy in 2001. Tourism is the second largest employer in Kentucky, accounting for over 160,200 jobs. Kentucky has 50 state parks with a trail system totaling nearly 250 miles, and 32 camping facilities with 2,645 sites. It also includes the newest state park, designated in 2002, the Pine Mountain Trail. The linear park, to be established as a long distance backpacking trail, will traverse the crest of Pine Mountain for over 100 miles. Kentucky is also home to one national forest, two national recreation areas, three national parks, and over 70 public wildlife management areas.

A large segment of this is forest-based recreation includes activities like hiking, camping, hunting, mountain biking, horseback riding, picnicking, birding and wildlife watching. Autumn in Kentucky brings in tourists by the tens of thousands to enjoy and observe the spectacular fall colors. The annual ColorFall program, sponsored by the Department of Travel and Kentucky State Parks, tracks the progression of foliage color each fall. This information is sent to the media in Kentucky and surrounding states each week through the fall season, reaching millions of fall travelers, pinpointing the best places to go to see the best colors. Because of better forest and wildlife management practices in recent years, two new wildlife-watching opportunities have created another tourist draw to the state. The comeback of the black bear and the reintroduction of elk in Kentucky have increased visitation to some state parks in eastern Kentucky.

Kentucky has a very diverse topography, which appeals to a wide variety of tourists. From the Cumberland Plateau physiographic regions of eastern Kentucky, to the bottomland forests and wetlands of western Kentucky, tourists have an opportunity to enjoy the most diverse forest types in the United States.<sup>12</sup>

## **Mineral Resources**

In Kentucky, only two categories of mineral resources are important economically: fuels and industrial minerals. Coal, oil, and natural gas are mineral fuels, and the industrial minerals of significance are limestone, dolomite, sand, gravel, clay, and shale. Metals, particularly ores of zinc and lead and some limited amounts of silver were mined in the past, but no current mining of metals exists in Kentucky today.

Coal occurs in 57 of Kentucky's 120 counties. Coal is, or has been, mined in the western Kentucky coalfields in 20 counties and in 37 counties in the eastern Kentucky coalfields. In the western field it is primarily mined in large-area surface mines with numerous slope and shaft mines, but due to the mountainous topography of the east, contour surface mines and drift underground mines characterize mining. Kentucky continues to be one of the top three coal producers in the United States. Coal-fired power plants generate 95 percent of the electricity in Kentucky. The coal resource base is substantial and will support mining well into the future.

Oil and natural gas occur throughout much of western, south central, and eastern Kentucky. Drilled wells penetrate the reservoirs, and primary production recovery of oil and gas results from this flow or from what can be pumped to the surface. Only about one-third of the oil in place is obtained this way, the remaining

must be recovered by other means. Secondary recovery uses circulated water (and other chemicals or fluids) to displace additional oil and bring it to the surface. Kentucky ranks 21st nationally in volume of oil produced, and 19<sup>th</sup> nationally in volume of natural gas produced.

Industrial minerals furnish raw materials for construction, and agriculture, and chemical, manufacturing, and energy-related industries. Limestone and dolomite are at the surface in 25 percent of Kentucky, located mainly in central and western parts of the state. Sand and gravel, also used as a source of construction material, occur in deposits along the Ohio River Valley and in the Jackson Purchase Region of western Kentucky. Clay and shale are produced from deposits in the western and eastern coalfields, Jackson Purchase, the Knobs Region and the Ohio River Valley. In all, there are more than 130 quarries, pits, underground mines and dredges in operation in Kentucky. Most operate at the surface of the land, but there are 20 underground mines producing crushed stone. This is more than any other state in the Nation. The Reed Quarry in western Kentucky is one of the largest producers of crushed stone in the United States, shipping 80 percent of its stone by barge, 10 percent by rail and 10 percent by truck. The chief markets are in Louisiana and Mississippi. In 2000, Kentucky ranked 30<sup>th</sup> among the states in non-fuel mineral production.<sup>13</sup>

### **Soils and Soil Productivity**

Most of the soils in Kentucky (except recent stream deposits) developed under a forest cover with roughly the same climate. Differences in soils are the result of differences in parent materials, topography, and the length of time the materials have been exposed to the soil-forming processes. The processes are: (1) climate, (2) living organisms (primarily vegetation), (3) parent materials, (4) topography, and (5) time.

The state of Kentucky is divided into 12 physiographic regions and major soil association areas. The areas are: (1) The Purchase – Mississippi River Flood Plain, (2) The Purchase – Thick Loess Belt, (3) The Cumberland – Tennessee River Section, (4) The Western Coal Fields – Low Hills and Valley Areas, (5) The Western Coal Fields – Hilly Uplands and the Sandstone-Shale-Limestone Area of the Western Pennyroyal, (6) The Western Pennyroyal – Limestone Area, (7) The Knobs, (8) The Outer Bluegrass, (9) The Hills of the Bluegrass, (10) The Inner Bluegrass, (11) The Eastern Pennyroyal, and (12) The Mountains and Eastern Coalfields.

Forests cover most soil types in the state. The amount of forest cover in regards to soil types varies according to the other uses in the geographical areas. For example, the better soils in relatively flat to rolling topography are utilized for pasture, crops other than trees, and are often being converted to non-agricultural land use. Timber quality on better soils is often times, better than timber quality on poor soils. However, in poorer soils and steeper areas of the state, better quality timber is more often associated with slope and aspect. The northern and eastern aspects often produce the best timber while, south and west facing sites generally produce lower quality timber.

Along drainage areas and on marginal land in many of the farming areas of the state, good timber is often found; however, it is usually not in large-acre tracts. These marginal areas are too steep for most equipment. They occur throughout the state but are often associated with the annual return of livestock and crops such as corn, soybean, tobacco, etc. With the rotational period of timber being in the decades, this leads many landowners to convert their acreage to alternative land-uses besides forests.

On the more hilly, steep, and mountainous areas of the state, the primary use is forestland. Where acreage in these areas was cleared in the past, the marginal returns on pasture and rotational crops have seen most

of these areas return to forest cover. Eastern Kentucky is an area that has extensive forest cover, and in many counties area of the state, exceptional quality timber is harvested. Overall, the eastern part of Kentucky has the potential to be world renown in the hardwood timber industry. The primary reason for poor quality timber in this region is more a factor of uncontrolled wildland fires, than poor soils.<sup>14</sup>

### **Watershed Criteria**

Kentucky is divided into 11 river basins: Kentucky, Salt, Licking, Green, Big Sandy, Little Sandy, Tygarts, Upper Cumberland, Lower Cumberland, Tennessee and Tradewater. There are also numerous tributaries that drain directly into either the Ohio or Mississippi Rivers. Together these basins drain an estimated 89,431 miles of rivers and streams. In addition, Kentucky has over 228,000 acres of manmade lakes. The land around these lakes and streams is comprised of agricultural land (42 percent); forestland (42 percent); urban area (7 percent); federal lands (5 percent); with the remainder in other areas.

Topography in the watershed basins range from the rugged hill and valley terrain of the Cumberland Plateau in eastern Kentucky to the gently sloping floodplain of the Mississippi River Valley in western Kentucky. Waterways in the more rugged regions tend to have a higher gradient with narrow floodplains. Streams in the western regions generally have low gradient and wide floodplains. About 55 percent of Kentucky is underlain with a unique geologic feature known as karst. Karst is characterized by underground drainage and conduit-fed springs, and may include sinkholes, caves and sinking streams. Karst topography is most common in the gently rolling terrain of central Kentucky.

Water quality in Kentucky's streams varies from excellent to very poor depending on the level of disturbance in the watershed. Kentucky currently has assessed about 7,000 miles of its streams. About one-third of assessed stream miles are impaired and do not fully support designated uses such as recreation, aquatic life habitat and drinking water supplies. The main causes of water pollution are pathogens, siltation, nutrients and habitat alteration. The leading sources of this pollution are agriculture, resource extraction and sewage. A few watersheds have remained largely undisturbed and feed streams that contain excellent water quality and unique biota. There are over 100 miles of State Wild Rivers in Kentucky; and portions of the Red River, Big South Fork and Green River are designated as National Wild and Scenic Rivers. Kentucky rivers and streams are home to more than two dozen federally threatened or endangered aquatic species.<sup>15</sup>

**Figure 4 – Kentucky Major River Basins**



## **KENTUCKY LANDOWNER AND CONSERVATION ASSISTANCE PROGRAMS**

- Forest Stewardship Program
- Conservation Reserve Program
- Environmental Quality Incentives Program
- Wetland Reserves Program
- Wildlife Habitat Incentive Program
- Kentucky Heritage Land Conservation Fund
- Urban and Community Forestry Program

### **Forest Stewardship Program**

The purpose of the forest stewardship program is to encourage the long-term stewardship of non-industrial private forest (NIPF) land. The program helps NIPF landowners, either individually or collectively with their NIPF neighbors to more actively manage their forests, watersheds, and related resources and keep those lands and watersheds in a productive and healthy condition for present and future generations. Participation in the forest stewardship program is voluntary.

### **Conservation Reserve Program**

The USDA Farm Service Agency administers the program and the Natural Resource Conservation Service (NRCS) provides the technical assistance. This program provides incentives to landowners to convert highly erodible or other environmentally sensitive acreage to vegetative cover, such as native grasses, wildlife plantings, trees, filter strips, or riparian buffers. Landowners receive an annual rental payment for the term of the multi-year contract. Cost sharing is provided to establish the vegetative cover practices.

### **Environmental Quality Incentives Program**

This cost-share program, administered by the NRCS, provides technical, educational, and financial assistance to landowners to address natural resource concerns in an environmentally beneficial and cost-effective manner. Payments can be made to implement practices including pest management, tree planting, and forestland management.

### **Wetlands Reserve Program**

This program is administered by the NRCS, and offers financial support to landowners' wetlands restoration and protection projects. The Federal Government obtains voluntary conservation easements from landowners and provides cost-share payments for wetlands rehabilitation practices. Among other practices, Wetland Reserve Program allows and encourages tree plantings focused upon wetland rehabilitation.

### **Wildlife Habitat Incentive Program**

This program is administered by the NRCS to provide cost-share assistance to private landowners to help them enhance wildlife habitat areas on their lands. This program compensates landowners for the lack of market incentive to invest in public goods, such as watershed and wildlife protection, and it encourages landowners to make long-term investments in maintaining the natural resource base. The program supports a wide range of habitat improvement, including tree planting.

### **Kentucky Heritage Land Conservation Fund**

The Kentucky Heritage Land Conservation Fund was established to provide funding for:

- 1). Natural areas that possess unique feature such as habitat for rare and endangered species;
- 2). Areas important to migratory birds;
- 3). Areas that perform important natural functions that are subject to alteration or loss; and
- 4). Areas to be preserved in their natural state for public use, outdoor recreation and education.

### **Urban and Community Forestry Program**

The Kentucky Division of Forestry's Urban and Community Forestry Program, in cooperation with the USDA Forest Service and the Kentucky Urban Forestry Council, administers the Kentucky Urban and Community Forestry Grant Program. The goal of this program is to encourage citizen involvement in creating and supporting long-term and sustained Urban and Community Forestry Programs. This grant program, as well as other outreach efforts of the program, seeks to enhance the technical skills of individuals involved in the planning and maintenance of the urban forests of Kentucky. Other outreach efforts include employee training, state urban forestry conferences, Arbor Day ceremonies, and meetings with city employees as well as private citizens.<sup>16</sup>

### **Kentucky's Land Trust**

The following land trusts are active in conserving efforts in the state.

**Bluegrass Conservancy**

**Clear Creek Conservation Trust**

**Future Fund, Inc.**

**Jefferson County Environmental Trust**

**Mill Springs Battlefield Association**

**Southeastern Caves Conservancy**

**The Nature Conservancy**

**Civil War Preservation Trust**

**Elkhorn Land and Historic Trust**

**Hillside Trust**

**Kentucky Natural Lands Trust**

**River Fields, Inc.**

**The Boone Conservancy**

### **KENTUCKY STATE FOREST SYSTEM**

The Kentucky Division of Forestry manages five state forests with a combined total of 31,350 acres. A forest ecosystem management plan that addresses biological diversity and sustainable use is being developed for each state forest. The Kentucky Heritage Land Conservation Fund provides funding to purchase state forest property. Revenue from the fund comes from a percentage of the state's portion of the unmined minerals tax, environmental penalties and state nature license plate sales. The division continues to seek new properties to add to the state forest program. The state forests are open to the public for hiking, fishing, camping and other activities.

### **Green River State Forest – Henderson, Kentucky**

The Green River State Forest consists of 1,106 acres located five miles northeast of the town of Henderson in Henderson County. The property, which is now the Green River State Forest, was originally acquired by the Kentucky Center for Research in 1978 and 1981 to build a synthetic fuels research and production site. Due to several problems, the property was never used for its intended use. The property was transferred to the Division of Forestry in July 1998.

As part of the state forest system, Green River State Forest will be managed under the same general guidelines as the other state forests. It is to be managed for multiple uses and is open to the public for most recreational uses including hiking, hunting and fishing. Off-road use of ATVs is prohibited, as is any other use that would cause damage to the property. Special management goals are to re-establish as much

bottomland hardwood forest as possible, both for research purposes to maintain wildlife habitat, and to protect the unique habitat of the baldcypress swamp located near the river.

This is the only state forest that has significant amounts of bottomland, bottomland hardwoods, or swampland, so it is a valuable addition to the state forest system. This property is also important habitat for the rare copperbelly water snake. Part of the management of the property will be to improve and expand this habitat.

### **Kentonia State Forest – Harlan County**

Kentonia is the oldest state-owned forest, acquired in 1919 as a gift from the Kentonia-Cantron Corporation. It is located in Harlan County along the south side of Pine Mountain in seven scattered tracts totaling 4,081 acres. The largest of these tracts is accessible by Little Shepherd Trail and contains Goss Park Camping Area on the crest of Pine Mountain. The forest is available for hunting within state seasons, and hiking is permitted.

### **Kentucky Ridge State Forest - Bell County**

Kentucky Ridge State Forest was acquired by lease in 1930, as part of the Land Use and Resettlement Program. The lease was sustained until 1954 when the property was deeded by the federal government to the Commonwealth of Kentucky.

Kentucky Ridge State Forest contains Pine Mountain State Resort Park on Pine Mountain and is located on the south side of Pine Mountain and the north side of Log Mountain, encompassing Little Clear Creek Valley. The forest also contains Chenoa Lake, the Division of Forestry's Chenoa Service Center and Bell County Forestry Camp. Kentucky Ridge State Forest is managed for sustainable timber production. The forest is open to public hunting and fishing, subject to state fish and wildlife regulations, and is available for primitive camping, hiking and picnicking. The Kentucky Ridge State Forest encompasses 11,746 acres, while the Kentucky Ridge State Forest and Wildlife Management Area encompasses 3,505 acres.

### **Pennyrile State Forest – Christian, Hopkins and Caldwell Counties**

In 1930, as part of the Land Use and Resettlement Program, the Division of Forestry acquired leases on land in Christian, Hopkins and Caldwell counties, which became the Pennyrile State Forest. It now includes 14,648 acres of forest. These leases were sustained until 1954, when the property was deeded (with certain reservations) by the federal government to the Commonwealth of Kentucky.

Pennyrile State Forest contains Pennyrile State Resort Park and borders Lake Beshear. Pennyrile State Forest is managed for sustainable timber production. The Kentucky Department of Fish and Wildlife Resources conducts a managed bonus deer hunt here each December in cooperation with the Division of Forestry. The Division of Forestry and the Department of Fish and Wildlife Resources have cooperated in numerous projects in the forests, including turkey and grouse restoration projects. The area is open to public hunting and fishing, subject to state fish and wildlife regulations, and is available for primitive camping, hiking and picnicking.

### **Tygarts State Forest - Carter County**

The state bought Tygarts State Forest in Carter County in 1957. It is 946 acres in size and adjoins Carter Cave State Resort Park. The forest is open to public hunting (subject to fish and wildlife regulations), horseback riding and hiking.

### **Knobs State Forest and Wildlife Management Area – Bullitt County**



The state purchased 1,500 acres in 2006 for the Knobs State Forest & WMA. An additional 500 acres was purchased in 2018 for a total of 2,035 acres. The majority of the funding for the forest came from the Forest legacy program. Funding was also provided by the Kentucky Dept. of Fish and Wildlife, making the property a Wildlife Management Area. State Forests and Wildlife Management Areas are good collaborators due to the closely aligned goals and mission. The forest is a good example of the Knobs geological region and topography. The property is open to hunting (Fish and Wildlife regulations, no modern gun) and hiking, no camping, no ATV's.

#### **Marion County Wildlife Management Area and State Forest – Marion County**

Marion Co State Forest & WMA was purchased in 2010, with funding from the Kentucky Heritage Land Conservation Fund, the Wildlife Restoration Act, the Kentucky Fish and Game Fund and the Marion Co Fiscal Court. The property is both a State Forest and a Wildlife Management Area. Hunting is permitted under general state hunting regulations. No camping or ATV's are permitted. The property has difficult and rough terrain, and is a good example of the Knobs geological region.

#### **Big Rivers Wildlife Management Area and State Forest – Union and Crittenden Counties**

The state purchased 6,732 acres in two phases from 2012 to 2013. The property was purchased using funding from the Forest Legacy Program, the Kentucky Heritage Land Conservation Fund, the Nature Conservancy, Indiana Bat Conservation Funds, in-lieu-fee mitigation funds, and Department of Fish and Wildlife agency funds. Hunting is permitted under general state hunting regulations. No camping or ATV's are allowed. The property is situated along the confluence of the Ohio and Tradewater Rivers and contains good examples of bottomland and riparian ecosystems.

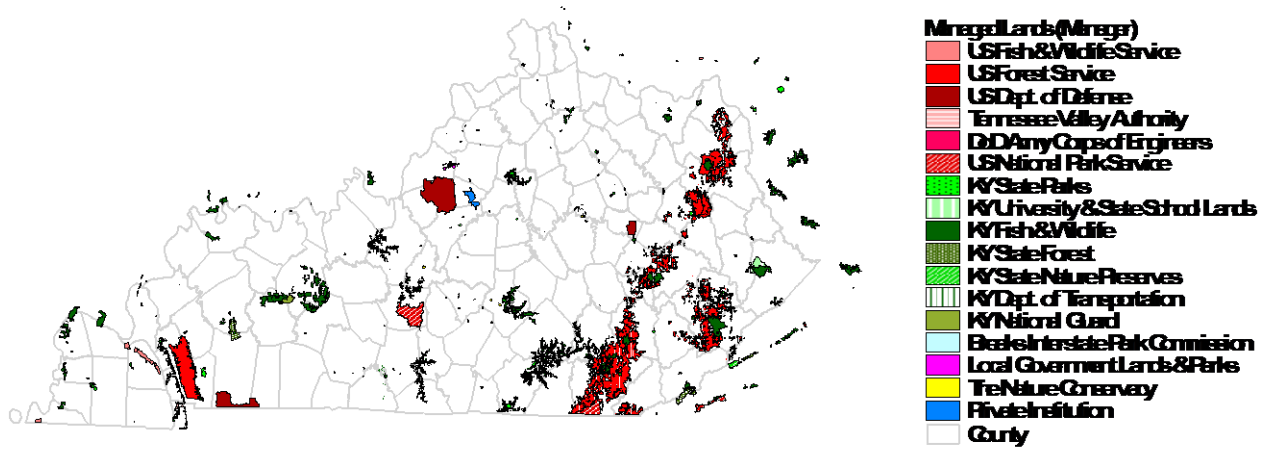
#### **Marrowbone State Forest and Wildlife Management Area – Metcalfe and Cumberland Counties**

Marrowbone State Forest & WMA was purchased in 2008 using funding from the Kentucky Heritage Land Conservation Fund and Forest Legacy Program. The forest is 1,983 acres of oak/hickory upland hardwoods with small pockets of eastern red cedar and pine. Slade creek runs through the middle of the forest, named so due to high concentration of brittle slade rock. The property is open to the public for day use only unless hunting regulations specify extended hours. Allowable activities include regulated hunting, hiking and wildlife viewing. Off-road vehicles, including ATVs and horseback riding is prohibited.

#### **Rolleigh Peterson Educational Forest – Jefferson County**

The Peterson woods consists of 98 acres of bottomland that was converted to a walnut plantation. The property was purchased in 2008 with funding provided by the Kentucky Heritage Land Conservation Fund and the Louisville Metro Parks Foundation. The forest is co-owned between the Kentucky division of Forestry and Louisville-Metro Government. The property is noted for its conservation of the Floyd's Fork riparian zone and the black walnut plantation that was created by Mr. Peterson. Public access is limited to guiding tours by appointment. Fishing, hunting and all off-road vehicles, including ATVs are prohibited.

Figure 5 – Kentucky’s Managed Lands



## FEDERAL LAND OWNERSHIP

### Daniel Boone National Forest<sup>17</sup>

Located in the mountains of eastern Kentucky, the Daniel Boone National Forest (DBNF) encompasses over 708,000 acres of land. This land is generally rugged and characterized by steep forested ridges, narrow valleys, and over 3,400 miles of cliffline. The forest contains two large lakes (Cave Run Lake and Laurel River Lake), many rivers and streams, two wilderness areas, and a 269-mile Sheltoewe Trace National Recreation Trail that extends across the length of the forest. It is estimated that over 5 million visitors utilize the forest annually for backpacking, camping, fishing, boating, rock climbing, picnicking, and many other outdoor activities.

DBNF is located in the mixed mesophytic region of the eastern deciduous forest and is characterized by a wide variety of species both in the understory and overstory. This complex of species varies in composition with changes in aspect and relationship to water and soil. Among the species found in the canopy layer on north and east facing slopes and in coves are northern red oak, basswood, beech, yellow-poplar, sugar maple, birch, red maple, and hemlock. West-facing slopes contain yellow-poplar, northern red oak, white oak, and hickories. On south-facing slopes and ridgetops, where moisture becomes limiting, shortleaf pine, chestnut oak, black oak, white oak, and Virginia pine are common associates. Over 40 commercial species occur on the forest, and also present are at least as many non-commercial trees and shrubs.

Forty-nine percent of DBNF is composed of upland hardwood species, including various combinations of white oak, chestnut oak, northern red oak, black oak, scarlet oak, southern red oak, and hickories. Cove hardwoods occur on 24 percent of the sites, including northern red oak, white oak, basswood, yellow-poplar, hemlock, sugar maple, and beech with an occasional black cherry and black walnut. Pine species compose 15 percent of the forest; varieties include shortleaf, pitch, table mountain, Virginia and some planted loblolly pine. Twelve percent of DBNF is composed of mixed pine-hardwood forest types including, scarlet oak, chestnut oak, black oak, white oak, and hickory in combination with either shortleaf, pitch, table mountain, Virginia or white pine. Pure stands of eastern white pine comprise less than one percent of DBNF.

Common species found in the understory include rhododendron or fern-ephemerals on moist sites and mountain laurel or blueberry-huckleberry on dry sites. The woody component of other understories consists of many varieties of dogwood, sourwood, and blackgum in association with seedlings of the more tolerant species in the understory. Two species of plants, the white-haired goldenrod (found near the base of sandstone cliffs in the Red River Gorge Area) and a relic population of Canadian yew in Lee county will require special studies and consideration of management.

DBNF is located within a proclamation boundary that encompasses an area of 2,047,000 acres. Some of the six ranger districts have consolidated areas of national forest land while other districts have highly dispersed national forest lands intermingled with private land ownership. See Table 1 below for acreage breakdowns by county.

>>>DISTRICTS>>>>	Morehead	Stanton	London	Somerset	Stearns	Redbird	Totals
COUNTIES							
Bath	19,300						19,300
Clay						77,594	77,594
Estill		2,265	3,333				5,598
Harlan						803	803
Jackson			58,375				58,375
Knox						74	74
Laurel			62,478				62,478
Lee		5,822	2,765				8,587
Leslie						52,194	52,194
McCreary				41,048	101,074		142,122
Menifee	24,270	22,352					46,622
Morgan	12,948						12,948
Owsley			3,848			12,432	16,280
Perry						2,191	2,191
Powell		15,528					15,528
Pulaski			109	37,332			37,441
Rockcastle			14,793				14,793
Rowan	62,509						62,509
Wayne					642		642
Whitley			32,865		12,500		45,365
Wolfe		16,458					16,458
Totals	119,027	62,425	178,566	78,380	114,216	145,288	697, 902

DBNF uses land exchange and land purchase programs to acquire properties that benefit consolidation and resource management programs, (i.e. acquiring habitat for wildlife, providing recreation opportunities, protecting watersheds, and acquiring lands to restore impaired watersheds to more productive ecosystems). With such intermingled ownership patterns, DBNF must acquire right-of-ways through private lands in order to provide public access. DBNF has approximately 4,000 miles of public boundary lines and forest trespass continues to be a problem.

About forty percent of the National Forest overlies private mineral ownership. Development of the private mineral estate requires compliance with the terms of mineral severance deeds with respect of all parties of the rights enjoyed by the mineral owner and surface owner.

### **Big South Fork National River and Recreation Area<sup>18</sup>**

The Big South Fork of the Cumberland River and its tributaries pass through 90 miles of scenic gorges and valleys containing a wide range of natural and historic features. The area offers a broad range of recreational opportunities including camping, whitewater rafting, kayaking, canoeing, hiking, horseback riding, mountain biking, hunting and fishing. The National Park Service maintains these lands and facility located in northcentral Tennessee and southeastern Kentucky in the Cumberland Plateau. Big South Fork encompasses approximately 125,000 acres of both rugged forested gorge and adjacent forested plateaus. State and federal lands share the north and western boundary, offering a variety of habitats for both plants and animals. Within the area many pristine streams both in Tennessee and Kentucky, have carved deep gorges and impressive cliffs and arches throughout the national area.

The general forest type is mixed oak with mixed mesophytic pockets. This is divided into an upland community on the plateau and a ravine community. The upland vegetation types range from red maple dominated stands on poorly drained flats to Virginia pine dominated stands on dry ridges and cliff edges. On the broad flats and gentle slopes are the mixed oaks with hickory. More mesic species including, beech, sugar maple, and birch dominate ravine communities with scattered oaks on the middle and lower slopes. Hemlock is prominent in the narrow gorges and along streams and river birch and sycamore are commonly found on the floodplains.

A wide variety of specialized habitats exist on the floodplains, in protected coves and ravines, on moist north-facing slopes, and on the sandstone caprock with dry, shallow soils. The rugged topography and moist, moderate climate combine to produce a great variety of microclimatic influences due to slope, orientation, and exposure. Due to logging practices in the early to mid 20th century, most of the forest areas are 2nd or 3rd generation growth. As a result, mature forests and groves of a particular scenic interest are rare. Due to inaccessibility, several small areas containing impressive examples of 2nd generation growth floodplain, mixed-mesic, and hemlock forests still exist, mostly in the more northern coves of the national area.

The variety of natural conditions combines to provide a high diversity of habitat. Sixty-eight species of fish, 215 taxa of macro invertebrates, and 23 species of mussels have been documented in recent surveys within the national area. Game fish include resident native channel catfish, longear sunfish, muskellunge, rock bass, and smallmouth bass. Walleye, striped bass, and white bass migrate upstream from Lake Cumberland; and brown and rainbow trout have been stocked in three streams by state agencies. Mammals hunted in the national area include white-tailed deer, raccoon, and gray squirrel. Game birds hunted include ruffed grouse, mourning dove, and turkey. Non-game species are plentiful and include a variety of salamanders, and various predators such as bobcat, gray fox, and the red-tailed hawk. Black bear have been re-introduced on an experimental basis, with analysis still continuing.

The Big South Fork watershed lies within the Cumberland Plateau physiographic province, which is the southern portion of the Appalachian Plateaus structural province. The geology of the national area is characterized by parallel, horizontally bedded sedimentary rock of Pennsylvanian age overlaying Mississippian age rock. The Pennsylvanian rocks are predominantly sandstone and shale, and include siltstone, conglomerate, and coal. Oil and gas deposits associated with the Mississippian age limestone are found in many areas within and outside the southern portion of the national area.

A dendritic drainage pattern and narrow, v-shaped gorges characterize the upstream topography of the region. The focal point of the area is the massive gorge with its many sheer bluffs at the gorge rim towering over wooded talus slopes and the naturally fluctuating river and tributaries below. The valleys are dotted with huge boulders broken from the cliff faces above. Streams include stretches of fast, rugged whitewater and quiet pools. Weathering processes have produced an impressive array of rock formations, including arches, mesas, chimneys, cracks, and rock shelters. Prior to national area establishment, Tennessee designated Twin Arches and the Honey Creek area as State Natural Areas because of their geological and other natural attributes. The gorge, as defined by the establishing legislation, is roughly one-half of the total acreage of the national area.

The Big South Fork River begins within the national area at the juncture of New River and Clear Fork and flows northward through the national area for approximately 49 miles, where it is free flowing for 37 miles until it is affected by the headwaters of Lake Cumberland.

#### **Land Between the Lakes National Recreation Area<sup>19</sup>**

Land Between the Lakes National Recreation Area (LBL) is located near I-24, about 90 miles north of Nashville, Tennessee. As a designated national recreation area under the management of the USDA Forest Service, the LBL is maintained for the public's enjoyment and safety. LBL offers all the outdoor recreation "basics", with some unique opportunities for environmental education and historic interpretation. Nestled in western Kentucky and Tennessee, the LBL welcomes on average, two million visitors each year from around the world.

The LBL's forest management activities support its recreation and education mission. Management tools include fire and disease protection, tree planting, harvesting and timber stand improvement (TSI) practices, and biosphere reserve creation. The Kentucky and Tennessee Divisions of Forestry provide the primary means of fire prevention at the LBL. In the biosphere reserves, natural fires are allowed to burn only if they pose no threat to visitors or the LBL's public use facilities. Integrated pest management surveys are performed annually to monitor for any significant insect or disease threat. Earlier forest management practices called for planting trees such as Virginia pine, oak and baldcypress to control erosion and provide winter wildlife cover. Today, LBL allows Mother Nature to do most of the tree planting. Before any forest management activities such as harvesting or TSI take place, ground surveys are conducted to ensure that sufficient numbers of advanced young trees are available to reforest the site. Within the LBL, 42,500 acres (25 percent) are set aside as a Biosphere Reserve. These protected areas are open to most public uses, but most timber harvesting and open land management is prohibited. The Biosphere Reserve recognizes and protects the LBL's unique natural resources and helps meet regional biodiversity needs.



### **Northern Kentucky**

- This area includes the physiographical regions of the Knobs, Inner Bluegrass and Outer Bluegrass.
- This area is experiencing excessive development pressures from the population growth of Lexington, Louisville and Cincinnati.
- This area is experiencing a higher increase in forest fragmentation, which diminishes the natural habitat corridors for wildlife such as songbirds, woodcocks, doves, turkey, grouse, squirrels, rabbit and deer.
- This area includes many federal and state-listed threatened and endangered flora and fauna species (Appendix 5).
- This area has numerous watersheds with varying water quality conditions (including surface and ground water).
- This area contains unique archaeological resources (buffalo hunting grounds, Indian Old Fields, Big Bone Lick).

### **Eastern Kentucky**

- This area includes the Eastern Kentucky Coalfield physiographic region.
- This area contains the largest contiguous and existing forest blocks in Kentucky
- This area includes the Black Mountain system, which is the highest elevation in the state and has associated unique forest types.
- This area has less commercial or residential development pressures; however, mineral resource exploration and extraction pressures continue.
- This area contains a diverse number of forest communities and habitats for wildlife.
- This area has potential water quality problems and is in need of protection along the forested riparian buffers.
- This area has many federal and state listed threatened and endangered flora and fauna species (Appendix 5).
- This area contains unique archaeological resources (chert quarries, prehistoric crematory).

### **Southern Kentucky**

- This area includes the physiographical regions of the Mississippi Plateau, eastern portion of the Western Kentucky Coalfield, and the Southern Knobs.
- This area is experiencing excessive development pressures from the population growth of Louisville, Bowling Green and Elizabethtown.
- This area has many federal and state listed and endangered flora and fauna species (Appendix 5).
- This area is inundated with cave systems, sink and blue holes, and water quality protection is a necessity.
- This area includes numerous wildlife management areas, and The Nature Conservancy has identified the Big Barrens as core focus areas for wildlife.
- This area contains a large region of the state's central hardwoods (oak-hickory forests).
- This area contains unique archaeological resources (Paleo-Indian sites, Mammoth Cave).

## Western Kentucky

- This area includes the physiographic regions of the Mississippi Embayment and Western Mississippian Plateau.
- This area includes fragmented bottomland hardwood forest and linking and expanding the continuous forest blocks will develop new habitats for wildlife.
- This area has numerous watersheds with varying water quality conditions.
- This area has many federal and state listed and endangered flora and fauna species (Appendix 5).
- This area includes several wildlife management areas including the Peabody, White City, and Sloughs Wildlife Management Area. All wildlife management areas are used by the general public for recreation.
- This area has unique archaeological resources (Wickliffe Mounds, large Mississippian villages).

## DETAILED FOREST LEGACY AREA DESCRIPTIONS

### Northern Kentucky Forest Legacy Area

This region encompasses the counties of Anderson, Bath, Bracken, Campbell, Carroll, Carter, Clark, Elliot, Estill, Fayette, Fleming, Franklin, Gallatin, Garrard, Grant, Harrison, Henry, Jessamine, Lee, Lewis, Madison, Menifee, Mercer, Nicholas, Owen, Owsley, Pendleton, Powell, Robertson, Scott, Trimble, Wolfe, and Woodford.

Northern Kentucky is often referred as the Bluegrass Region. The highest population and urbanization areas in the state characterize this region (Louisville, Lexington and Cincinnati). The **Southern Forest Resource Assessment** quoted "at the periphery of the region in northern Kentucky and Virginia and along the gulf coast, FPD's (forest population density) were also relatively high in 1992".<sup>21</sup> Historically, this area attracted early settlers with its gently rolling topography, soils, canebrakes, and abundance of game. The Bluegrass Region is the center of the thoroughbred horse industry.

Physiographically, the northern Kentucky FLA covers the Inner and Outer Bluegrass region, the Knobs and the northern and eastern fringe of the Mississippian Plateau. This area is underlain with limestone and shales formed up to 450-500 million years ago. The number of known Kentucky caves is now estimated at over 6,700. These systems are excellent groundwater reservoirs, and they contribute to the rare, unusual, and unique elements of biodiversity. Cave systems are often simple ecosystems; however, they are vulnerable to pollutants that can be carried into the groundwater system from landfills, urban runoff, industrial urban and agricultural chemicals and sudden flushes of organic material from natural and human sources. This area encompasses the drainage basins of Tygarts and Little Sandy, Ohio, Licking, Salt and Kentucky River.

The open savanna-woodlands of blue ash, bur oak, and other trees were prominent with an understory of cane, wild grasses and legumes. Today, the savanna-woodlands as described by E.L. Braun have been reduced to a few remnants.<sup>6</sup> The riparian forests along slopes and ravines of the Kentucky, Salt and Licking rivers provide wildlife corridors and water quality protection. In the Licking River corridor, where globally imperiled aquatic fauna exist, the corridor could be enhanced by improved forest protection measures and along with the Kentucky River corridor and its significant tributaries.

### Eastern Kentucky Forest Legacy Area

This region encompasses the counties of Bell, Harlan, Knott, Knox, Letcher, Perry, Pike, and Whitley.



The Eastern Kentucky FLA lies in the Eastern Coalfield physiographic region. It is the southern portion of the Appalachian Plateau (Cumberland Mountains) that extends from New York to Alabama. This is a highly dissected area with steep valley walls and narrow sinuous valleys. The shales and sandstones of the steep slopes date back 300 million years. Cliffs of resistant sandstone cap the ridges. Wooded mountain slopes extend to the horizon in all directions. This area contains some of the most extensive forest blocks in the state, and the condition is fair to good at many sites. Most of the rich, mixed forest have been logged and are now in various stages of second and third growth. Subsurface and surface coal mining has been practiced for generations. The highest elevation in Kentucky is 4,150 feet at Black Mountain; major rivers are the Big Sandy, Licking, Kentucky and Cumberland.<sup>6</sup> Many endangered and threatened species occur here in terrestrial and subterranean systems, and some headwaters of Cumberland River, Kentucky River and Big Sandy River still have imperiled aquatic fauna.

Cumberland Gap was a key location along the Wilderness Trail of pioneers entering Kentucky. Settlement within these mountains has been largely restricted to valley bottoms and lower slopes. These settlements were mostly made by less wealthy people forging a subsistence based on small farms and forest resources, with little industry or trade. They made home sites on high benches in small remote hollows. The often farmed plots on steep slopes, though most of the land remained “unimproved”.

Some parts of the outer mountain ranges—Pine Mountain and Cumberland Mountain are now owned and protected by the federal and state governments along with the Kentucky Chapter of The Nature Conservancy. Blanton Forest, a 1,075 acres old growth forest on the south slope of Pine Mountain in Harlan County is one of the Commonwealth’s best examples of a protected old growth mixed mesophytic forest. The Eastern Kentucky FLA has the least amount of development and the largest contiguous forest stand. However, Black Mountain remains virtually without any land conservation protection efforts.

### **Southern Kentucky Forest Legacy Area**

This region encompasses the counties of Adair, Barren, Breckinridge, Bullitt, Butler, Casey, Clinton, Cumberland, Edmonson, Grayson, Green, Hardin, Hart, Jackson, Larue, Laurel, Lincoln, Meade, McCreary, Metcalfe, Ohio, Pulaski, Rockcastle, Russell, Taylor, Warren, and Wayne.

The Southern Kentucky FLA lies mostly within the Pennyroyal physiographic region that has a complex mosaic of forests and farmland. This region consists of a limestone plain characterized by tens of thousands of sinkholes, sinking streams, streamless valleys, springs and caverns. The term “karst” is used to define this type of terrain. There was some delay in farming the karst plains because of initial doubts and problems in converting the barrens. Meanwhile, the barrens became invaded by trees as fire frequency declined.

This area is composed of 27 counties in the Mississippi Plateau, eastern portion of the Western Kentucky Coalfield, and Southern Knobs regions of Kentucky. From west to east these counties represent some of the most diverse habitats in the state. The Mississippi Plateau provides the best example of how forests change between the eastern third of the state and the drier oak-hickory forests found farther west. The area from east to west contains critical habitat for several neotropical forest-dwelling songbirds, wild turkeys, black bear, whitetail deer, eastern cottontail rabbit, American woodcock, wood ducks, swamp rabbits, and wintering waterfowl.

The Kentucky Department of Fish and Wildlife Resources and The Nature Conservancy have identified the Big Barrens as core focus areas for wildlife habitat management. Both portions of the proposed area (and some of the surrounding counties) also were identified as a North American Bird Conservation Initiative Bird

Conservation Area within the Central Hardwoods Bird Conservation Region (BCR) to focus on core forested habitat around large blocks of forest. The proposed Legacy Area includes counties participating in Kentucky's Conservation Reserve Enhancement Program (CREP) and the county (Edmonson) containing most of Mammoth Cave National Park.

Converting croplands back to hardwood forests will provide habitat for numerous species of songbirds, wild turkeys, and many species of mammals, both common (e.g., white-tailed deer) and rare (e.g., Indiana bat). Planting trees will provide food, shelter, and travel corridors within the proposed area. Increasing the size of core forest area around Bernheim Forest and other large tracts of forest will help meet the objectives of the North American Bird Conservation Initiative for the area.

There are several watersheds in this region: Rolling Fork, Salt River, Green River, Rockcastle River, South Fork, Cumberland River. Riparian buffers along streams in these watersheds will reduce soil erosion and chemical runoff into streams, improve water quality, and benefit both aquatic and terrestrial wildlife that is threatened, declining, or of federal, state, and local concern.

### **Western Kentucky Forest Legacy Area**

This region encompasses the counties of Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Fulton, Henderson, Hickman, Hopkins, Livingston, Logan, Marshall, McCracken, Muhlenberg, and Todd.

The Western Kentucky FLA covers the Shawnee Hills (or Western Coal Field) and Upper East Gulf Coastal Plain (or Jackson Purchase). Most of this region was acquired by the United States from the Chickasaw Indians in 1818, as the "Jackson Purchase".<sup>6</sup> This is the only systematic, grid based land survey in the establishment of Kentucky.

The Shawnee Hills have been highly degraded by farming and mining. On the broad bottomlands of Green River and its tributaries, a huge amount of swamp forest has been cleared, drained and converted to cropland since 1950. In recent decades, there has been extensive surface mining on higher ground. The remaining upland forests have been heavily cut over and have almost disappeared from the deeper soils. There are good opportunities to reforest large sections of river corridors and wetland complexes in this region. In addition to diverse ecological conditions, it supports several endangered or threatened species, including the rare copperbelly watersnake and Price's Potato Bean.

The Upper East Coastal Plain is made up of cretaceous, tertiary and quaternary deposits that are easily eroded. This part of Kentucky is typically flat and has numerous lakes, ponds, sloughs and swamps. Local relief is generally 100 feet, and the lowest spot in the state is 260 feet above sea level. After 1850-1860, most of the grassy barrens on upland plains became brushy as fire frequency declined, and a majority of the land was cleared for farming. There is an example of a small un-plowed piece of wet native grassland that has survived within the Lake Barkley Airport, near Paducah.

In Marshall and surrounding counties lies the best example of flatwoods that occur on poorly drained soils. The remaining bottomland forests have been affected by channelized streams or drained and cleared for farming along the Obion River and Mississippi floodplain. Even though, Land Between Lakes is not included in the Western Kentucky FLA, it is the most extensive forested area left in this region. The Kentucky Department of Fish and Wildlife Resources manage several wildlife management areas (WMAs) in the FLA. The wetland systems and adjacent upland forests form part of a highly significant corridor for migrating waterfowl and neotropical migrant birds.

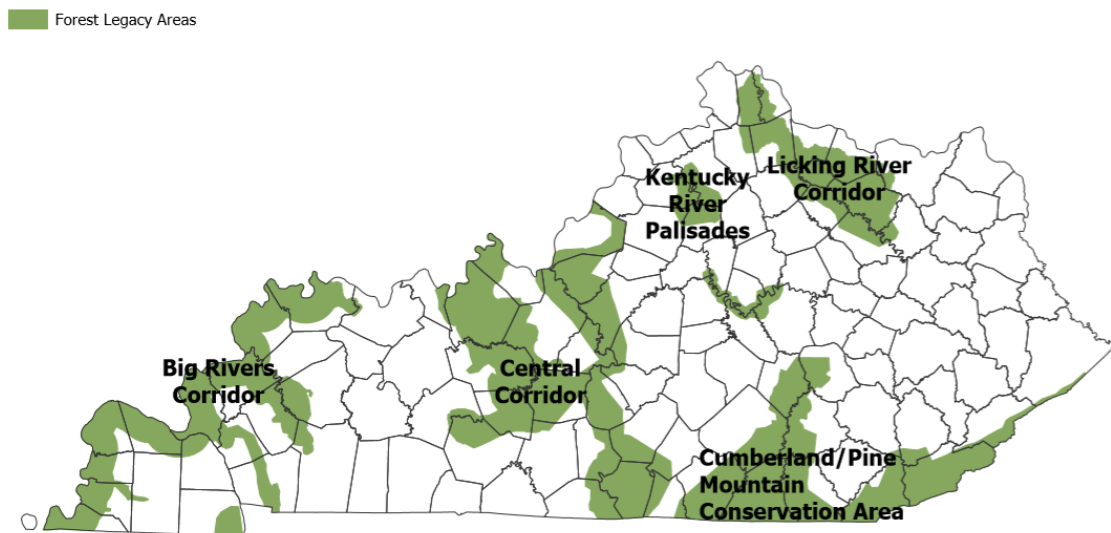
The Forest Legacy Area and description was amended for the 2010 “Kentucky Statewide Assessment of Forest Resources and Strategy”. Below is the amended Forest Legacy Map and area descriptions:

### **Forest Legacy Areas**

The Forest Legacy Areas (FLAs) are subsets within Kentucky’s larger priority areas to provide a comprehensive identification of key forest resources in Kentucky. The FLAs were first developed in conjunction with the Forest Legacy Assessment of Need in 2003 to identify environmentally important forests for protection from conversion to non-forest uses. These legacy priority areas were narrowed and renamed in 2010 based on rare species abundance, threats to conversion, and connectivity to existing protected lands.

The FLAs identified are located within ecologically significant areas of the state. In these areas, forestlands have a likely or imminent threat of being converted to non-forested uses, are part of a larger conservation effort by multiple state, federal, and private agencies, and/or have a large concentration of existing protected lands that would either be directly or indirectly enhanced by the protection of additional forestlands.

## **Forest Legacy Areas**



**FIGURE 7 – FOREST LEGACY AREAS**

1. Licking River Corridor
  - Mississippi River Initiative Focus Watershed.
  - Large number of mussel species (50 species, 11 of which are endangered).
  - Other threatened or endangered species including the Indiana bat, gray bat, and Short’s goldenrod.

- Contains unique archeological resources such as Blue Licks, Blue Licks Battlefield, and Indian Old Fields.
  - Threats and impairments caused primarily agriculture and urban land use.
2. Kentucky River Palisades
- Last remaining large forested remnant in the Bluegrass area.
  - Large concentration of rare plants including the federally listed running buffalo clover and two other candidates for federal listing as threatened or endangered species.
  - Existing nature preserves, WMAs, Raven Run Nature Sanctuary, and Shakertown of Pleasant Hill.
  - Includes unique archaeological sites such as Big Bone Lick, Indian Old Fields, and buffalo hunting grounds.
  - Threat from urban expansion.
3. Cumberland / Pine Mountain Conservation Area
- One of the major migratory corridors for neo-tropical birds including those that federally listed threatened or endangered species.
  - Largest existing forest blocks in Kentucky.
  - Numerous threatened and endangered aquatic species.
  - Protected areas including Big South Fork National River and Recreational Area, Daniel Boone National Forest, WMAs, State Parks, Kentenia and Kentucky Ridge State Forests, Kentucky Natural Lands Trust protected areas, The Nature Conservancy protected areas, Cumberland Gap National Historic Park, Pine Mountain Trail.
  - Threats of mining and urban development along I-75 corridor.
4. Central Corridor
- Unique Barrens, Caves, and Knobs.
  - Numerous threatened and endangered species including Indiana bat, gray bat, and endemic cave species such as Kentucky cave shrimp.
  - Contains the most ecologically significant portion of the Green River which is the most diverse region in Ohio River basin including 11 species of mussels and 16 species of threatened and endangered plants just in the Mammoth Cave region.
  - Existing protected areas including Mammoth Cave National Park, Fort Knox Military Reservation, Bernheim Arboretum and Research Forest, Jefferson Memorial Forest, Army Corp of Engineers property around Rough River, Nolin River Lake, and Dale Hollow.
  - Forest Legacy Projects at Knobs State Forest and WMA and at Marrowbone Creek State Forest and WMA.
  - Imminent threat to urban conversion in the Louisville metropolitan area and along the I-65 corridor.
5. Big Rivers Corridor
- Numerous threatened and endangered species including Indiana bat, interior least tern, and copperbelly watersnake.
  - Kentucky's largest concentration of migratory waterfowl, shore, and wading birds.
  - Numerous protected areas including WMAs, Land Between the Lakes National Recreation Area, Shawnee National Forest, Fort Campbell Military Reservation, Clarks River National Wildlife Refuge,

Reelfoot Lake National Wildlife Refuge, the proposed Green River National Wildlife Refuge, Pennyrite State Forest, and Green River State Forest.

- Mississippi River Initiative Focus Watersheds.
- Contains highest-quality remaining bottomland hardwood complexes in Kentucky.
- Contains unique archeological resources such Wickliffe Mounds State Historic Site.
- Agricultural land use is the primary threat although some loss to urban and mining.

# **FORESTRY LEGACY PROGRAM**

## **ASSESSMENT OF NEED (AON) PUBLIC MEETINGS**

**\*\*\***

**DECEMBER 2, 2002**

PULASKI COUNTY COOPERATIVE EXTENSION OFFICE

**SOMERSET, KENTUCKY**

**6:00 PM – 8:00 PM E.S.T.**

**\*\*\***

**DECEMBER 3, 2002**

SALATO WILDLIFE EDUCATION CENTER  
KY DEPT OF FISH & WILDLIFE RESOURCES

**FRANKFORT, KENTUCKY**

**6:00 PM – 8:00 PM E.S.T.**

**\*\*\***

**JANUARY 14, 2003**

MUHLENBERG CO AGRICULTURE & CONVENTION CENTER

**POWDERLY, KENTUCKY**

**6:00 PM – 8:00 PM C.S.T.**

## **FOREST LEGACY PROGRAM POLICY AND PROCEDURE FOR CONDUCTING PUBLIC MEETINGS**

As the lead agency, Kentucky Division of Forestry followed the public meeting guidelines set forth by the Kentucky Natural Resources and Environmental Protection Cabinet in order to conduct three public meetings to discuss the proposed Forest Legacy Areas in the Commonwealth of Kentucky. The public meets were advertised in the Lexington-Herald Leader and The Courier-Journal Newspaper. Also, state wide public new releases were issued. A draft copy of the Assessment of Need will be placed on the Kentucky Division of Forestry website for further public input.

### **FOREST LEGACY PROGRAM AGENDA FOR ALL PUBLIC MEETINGS**

#### **I. INTRODUCTION OF SPEAKERS**

- A. Steven J. Kull, Assistant Director for Kentucky Division of Forestry
- B. Pamela R. Snyder, Program Coordinator for Forest Legacy, Forest Stewardship, KDF

#### **II. PURPOSE OF MEETING & INFORMATION ON FOREST LEGACY DISCUSSED**

The purpose of this meeting is to gain input on the Forest Legacy Program that the State of Kentucky is embarking on. We hope to give you an insight on where the Stewardship committee is coming from and welcome your questions and comments concerning the development of the areas we will be discussing. In summary, at the end of this meeting, we want your input on anything you feel we may have missed, what things we may have overlooked, any comments, questions and suggestions. The more input we could get the more intelligent a decision we can make.

The Forestry Legacy program, established in 1995, is designed on a federal level to protect environmentally sensitive forested areas that are experiencing development pressures and are being threatened to convert to non-forest uses.

This voluntary program supports State & Federal efforts to protect environmentally important areas through direct acquisition and through conservation easements (purchased from willing landowners at fair market value) of partial interests in privately owned forestlands.

The federal government may fund up to 75 percent of program costs, with at least 25 percent coming from private or local sources.

In addition to gains associated with the sale or donation of property rights, many landowners may also benefit from reduced taxes associated with limits placed on land use.

Currently 31 states have adopted this program. Also current federal funding for this project is \$60 million.

Each state wanting to participate in the Forest Legacy Program must develop an AON. Gov. Paul Patton has designated the Kentucky Division of Forestry (KDF) as the lead agency for the

State in the development of this program. KDF drafts the AON report with partnering agencies, the general public and state stewardship coordinating committee input. Partnering agencies include: USDA Forest Service, Natural Resources and Environmental Protection Cabinet, KY State Nature Preserves Commission, KY Department of Fish and Wildlife Resources, KY Division of Conservation, KY Nature Conservancy, KY Department of Parks, and KY Division of Water.

### III. ELIGIBILITY CRITERIA AND PROPOSED AREAS

In determining those areas to be eligible, the following is considered: scenic resources, public recreation opportunities, public education opportunities, riparian areas, wetlands, fish & wildlife habitat, native plant communities, connectivity to other significant areas and other protected lands, known threatened and endangered species, known cultural resources, and other ecological values.

The Kentucky Forest Stewardship Coordinating Committee has compiled a map that is divided into 4 proposed regions that have been selected as proposed Forest Legacy areas. (Map is passed out to those in attendance along with proposed region descriptions). These areas have been selected based on information pertaining to the criteria listed previously.

### IV. ATTENDEES' COMMENTS/ QUESTION AND ANSWER FORUM

#### **Forest Legacy Public Meeting #1 Somerset, KY – December 2, 2002**

<u>Name</u>	<u>Organization</u>
Brian Gray	Kentucky Department of Fish and Wildlife Resources (KDFWR)
Keenan Turner	Cooperative Extension Service (CES)
Steve Kull	Kentucky Division of Forestry (KDF)
Pam Snyder	KDF
Lori White	KDF
Jeff Sole	The Nature Conservatory (TNC)
Mike Strunk	TNC/Pulaski County Conservation District
Jack Stickney	Kentucky Wild Rivers Association (KRWA)
Ben Perry	Appalachian Science Public Interest (ASPI)
Steve Beam	KDFWR
Heather Weese	Kentucky State Nature Preserves (KSNPC)

#### **MINUTES FROM DECEMBER 2, 2002 PUBLIC MEETING (Question and Answer Forum)**

IS THIS ALL FOR PURCHASES IN THE FUTURE OR CAN ANYTHING BE LOOKED AT RETRO-ACTIVELY?



*The funding mechanism—the way the federal government in Legacy works—you propose the project and they commit the funding to that, so while it needs to be protected now, our funding mechanism won't be available until we get the AON approved by the Secretary of the Department of Agriculture. It's not just making application to the program. We anticipate the committee will set up a time period to make application during the year, then we have a short time period to review all applicants. The State Stewardship Committee actually has to rank those applicants. Usually it's the top 3 or 4 projects that they rank which go to a regional ranking (which would be the southern region—region 8 in Atlanta). Those then go into a national ranking criteria with all the programs. Once it's ranked at the national level, Congress appropriates funding to the projects as funds are available.*

SO IT SOUNDS LIKE WE'RE TALKING PRETTY MUCH ABOUT A MACRO-LEVEL OF PROPERTY, NOT 60 OR 70 SMALL PARCELS...

*It could be a mega-site area with 2 or 3 land acquisitions or maybe 1 big project—it depends. We're not ruling out small areas whatsoever. There are some 2-acre tracts that need to be protected and so nothing will be ruled out whatsoever.*

*From what I know of projects that have been approved nationally, there are \$10M projects over 5 years that have been approved and there are \$500,000 projects that have been approved, so it's going to be the way it's written up and it's going to be the criteria used by the Stewardship committee. It will be difficult but not impossible. They don't simply divide \$60M by 31 states and everyone automatically gets their share. We have to compete nationally and some will get more and some less.*

THE STATE STEWARDSHIP COMMITTEE YOU'VE TALKED ABOUT—IS THAT FOR THE FOREST LEGACY ONLY?

*Actually it was set up for our State Stewardship program but when Forest Legacy came in—and being of co-op forestry, and of state and private forestry, it is a companion program somewhat to stewardship because it is management of lands and protection of lands. Congress, in the law, designated the Stewardship Committee which is already established in states, as being the consultants for the Forest Legacy program.*

SO THEY'RE GOING TO PRETTY MUCH BE THE DRIVING ENTITY IN WHAT AREAS ARE SELECTED.

*Yes, this group will make it go. They will make the criteria and make the rankings.*

SO THESE PEOPLE ARE ALL MEMBERS OF THE STATE STEWARDSHIP COMMITTEE? HOW MANY ARE THERE ON THE COMMITTEE?

*Yes, each agency or organization has a designee, so around 18 members I think.*

WILL RANKING CRITERIA BASICALLY ADD UP AS A SCORING SYSTEM?

*Yes. We will have a basic score sheet type of a system that will get us started. This will give the committee kind of a first shot of which ones to look at first. Anyone can make application and take it to the Committee, but ranking will give it a score. Based upon resources and connectivity to the various things I showed you earlier that would make it eligible. I guess you could call that process the first cut.*

*They will also look to see if there are other easements or ties that would keep us from protecting it. Of course, the more variety of resources, the higher the ranking it will get.*

BEARING IN MIND THE MORE CRITERIA, THE HIGHER THE RANKING, WHAT ABOUT A SMALL 2 ACRE AREA THAT MIGHT BE AN OLD INDIAN OR CIVIL WAR BURIAL GROUND?

*Or that 2 acres may be between a State Nature Preserve and a Forest Service property and major conservancy piece of land. By getting that 2 acres, we can assure that it's all protected, it's certainly worth looking at.*

SAY A NON-PROFIT GROUP PUTS UP 25 PERCENT AND 75 PERCENT IS FROM THE PROGRAM— WHOSE NAME IS IT IN WHEN IT IS ALL SAID AND DONE?

*That has to be worked out. Division of Forestry, as the lead agency, we are the ones but management or agency or the right person or group to manage that property may in fact, not be us and it could be designated to those to manage that property. There would be paperwork detailing how it would be managed and by whom.*

YOU SAID THE OTHER WAY TO PROTECT THE LAND WOULD BE CONSERVATION EASEMENTS. HAVE CONSERVATION EASEMENTS BEEN DONE?

*Kentucky Division of Forestry has not entered into easements before. Forest Legacy would be our first time working with the conservation easements. There are a lot of challenges in conservation easements. Management and making sure heirs abide by the easement, etc. The idea is (1) we may not be able to get the property through the fee simple method, but it still needs to be protected and (2) with limited funding we may be able to stretch that over a larger area through conservation easements instead of acquisition. Both options (fee simple and conservation easements) are available through Forest Legacy. The end result depends on what the landowner wants to do. One of the requirements in this program is the landowner must have a forest stewardship plan written on their property and they must follow that plan.*

CAN THERE BE SOMETHING LIKE A 5-YEAR RE-SUBMITTAL SHOULD AN AREA NOT INCLUDED IN THE PROPOSAL LATER BE ONE TO CONSIDER?

*There is no particular time line by which you can amend your assessment of need. So if in fact we see it's not working for our State, the opportunity to amend it is there. We have taken input from the states already in the program and they have shared what worked and didn't work for them.*

**Forest Legacy Public Meeting #2  
Frankfort, KY – December 3, 2002**

<u>Name</u>	<u>Organization</u>
Steve Kull	KDF
Pam Snyder	KDF
Steve Bonney	KDFWR
Emily Salt	University of Kentucky student

Robert Aubick	Landowner
Frank Young Mood	Landowner
Hugh Archer	Department for Natural Resources (DNR)
Shelby E. Riggs	Landowner
Stewart West	Landowner
Don Dott	KSNPC
Clay Goebeler	Heartwood
Susan Makosky	Environmental Biologist
Gene Reynolds	Retired Forester
Tim Sheehan	KDF
Jeff Sole	TNC

### MINUTES FROM DECEMBER 3, 2002 PUBLIC MEETING (Question and Answer Forum)

YOU SAID THE GOVERNOR DESIGNATED THE STATE DIVISION OF FORESTRY SERVICE AS THE LEAD AGENCY; IS THIS BASICALLY WHAT HAPPENS IN THE REST OF THE STATES ALSO—THE FOREST SERVICE IS DESIGNATED OR WHAT?

*Not in 100 percent of the states, but in the majority however, other agencies can be designated as the lead agency.*

ONCE THE LAND IS BOUGHT, WHOM DOES IT BELONG TO?

*It is the Commonwealth of Kentucky that will hold the deed, however, it's our intention that the agency best able to manage that property for it's needs or intended use will be the caretaker of it. Whether it is Kentucky Department of Fish & Wildlife Resources, Nature Preserves Commission, depending on the values of that particular area and who's best able to see to those values.*

YOU SAY YOU'RE BUYING IT TO PROTECT IT; TO KEEP IT A FORESTLAND, BUT WHEN YOU REFER TO A 'WORKING FOREST', I ASSUME YOU'RE TALKING ABOUT LOGGING, CORRECT?

*The option is that it can be a working forest. It has to be a case by case basis—that is, what the need for the area is; timbering or logging is an option, depending on what management for this area entails.*

I DON'T PARTICULARLY AGREE WITH THE WAY THE FOREST SERVICE IS RUNNING THE NATIONAL PARKS RIGHT NOW, I MEAN, IT SAYS UP TO 89 PERCENT OF THE LAND THEY HAVE IS SUITABLE FOR LOGGING AND THEN YOU'RE GONNA BUY THIS LAND AND PROTECT IT, WHEN YOU'RE NOT PROTECTING THE LAND YOU ALREADY HAVE.

*We are not the U S Forest Service, we're State, however, I do understand your concern. Under the forest legacy program, the protection is from non-forest conversion, in other words, parking lots or whatever the situation may be. Management will be for the values associated with the property..*

SO IT WOULD HAVE TO BE LAND THAT IS GOING TO BE DEVELOPED INTO SUBDIVISIONS OR SOMETHING LIKE THAT—NOT JUST WILD LAND?

*The purpose of the Legacy program is protection of forestland from conversion, so we have to have that as a large part of the criteria on whether or not it's even eligible for the program. If a conservation easement is put on that property then it is up to the landowner and what his or her goals are. If they want to have a working forest component, they can put that actually in the deed, or if they want to set it aside for total preservation purposes—whether that's recreation or wildlife, it is up to them what goes into that deed restriction and that can also mean restricting development on that property. Conservation easements are another option landowner's have other than land acquisition.*

IN ORDER TO BUY THE LAND UNDER THIS PROGRAM, IT DOESN'T HAVE TO BE LAND THAT IS IMMEDIATELY ABOUT TO BE DEVELOPED, DOES IT? I MEAN IT CAN JUST BE A NICE PIECE OF LAND THAT YOU JUST WANT TO PRESERVE, RIGHT?

*Right, but the more threatened, the more priority it will have. It adds more points in the ranking process.*

IS THIS A US FOREST PROGRAM THAT THE STATE IS JOINING?

*It is a federal program that the money is funneled through the U S Forest Service through state and private forestry.*

IN LOOKING AT THE PROPOSED FOREST LEGACY AREAS ON YOUR MAP, IT INCLUDES AREAS AROUND THE DANIEL BOONE NATIONAL FOREST IN EASTERN KENTUCKY. SURELY THE LEGACY PROGRAM DOESN'T APPLY TO FEDERALLY OWNED PROPERTIES, SO IS THERE PRIVATELY OWNED PROPERTIES NEAR THE NATIONAL FOREST?

*Yes, there's a tremendous amount of private ownership within the national forest area. And the reason, there are areas in white (areas not included in the proposed Legacy Program) the U S Forest Service already has desires to acquire lands in this area from willing sellers, so there's already an opportunity for that forestland. The committee looked at it as there already being an opportunity to protect those areas, so Legacy funds could be concentrated in other areas.*

OKAY, SO YOU'RE NOT TRYING TO COME UP WITH "A PROJECT" FOR THE WHOLE STATE OF KENTUCKY?

*No sir, we're not looking to buy 2,000 acres in XYZ county. We're looking for projects across the state within these shaded areas on the map that need to be protected and are environmentally sensitive forested areas for various reasons.*

SO, YOU'RE GOING TO PUT A BASKET OF THOSE TOGETHER AND PRESENT THAT IN WASHINGTON AS—THESE ARE THE 12 OR 20 OR WHATEVER TOP PROJECTS, CORRECT?

*Yes. We will rank them 1,2,3,4,5... according to the most important to the State of Kentucky and we'll fight for funding for all 12 or 20 or however many the case may be.*

HOW MUCH OF THE LAND MUST BE FORESTED?

*Up to 25 percent of the property can be non-forested.*

DO YOU HAVE AN ACRE LIMITATION ON IT?

*We don't have a minimum or a maximum on the acreage.*

IF YOU'RE RANKING UNDER ENVIRONMENTAL OR ECOLOGICAL PROBLEM, DO YOU STILL HAVE TO MEET THAT 25 PERCENT NON-FORESTED OR COULD IT BE SAY 80PERCENT OPEN? EVEN IF A SIGNIFICANT CULTURAL VALUE?

*We have to stay within their guidelines. We will make a case if it's necessary for that type of thing and it may get approved or it may not.*

WHO INITIATES THE ACTION TO GET THIS STARTED—THE LANDOWNER OR THE AGENCY?

*Either one. We will have an application by which any individual, landowner or agency can make application to the Stewardship committee. They will judge that particular area; but anybody can make application.*

*To clarify, there will be a time frame that the Stewardship committee will have to set; probably early spring till maybe May to accept applications. We have to have enough time to be able to go out and do field visits and site inspections. Then the Stewardship committee has to meet and rank them. All this needs to be done before September or so, before they have to go to regional ranking in Atlanta. About 1½ years ahead, you need to know what projects you want for that upcoming federal fiscal year.*

ARE YOU PLANNING ON PUTTING OUT MORE PUBLICITY ABOUT THIS?

*This is our initial thrust for public input. We're going to draft up an assessment of need and put it out on the Web and make it as available as possible for the public to make comments on and get their input.*

IS THIS LIKE THE WETLAND RESERVE PROGRAM WHERE THE LANDOWNER WILL RETAIN THE TITLE TO THE LAND?

*Well, one portion of it can be if they do a conservation easement. They can retain title and just donate or sell off rights to that property to protect the forest. There's also provisions by which the landowner can sell the property outright.*

DO YOU HAVE ANY IDEA OF HOW MUCH YOU'RE GONNA HAVE TO HAVE PER ACRE, LIKE SO MUCH PER ACRE?

*No, there's no limit. The process has to meet federal guidelines and it has to be fair market value. They can ask for more than it's worth, but the Forest Legacy program, once the appraisals are done, will not be able to offer more than it's worth basically.*

THE SITE I'M INTERESTED IN IS A LARUE CO. UNION ARMY LOCATION SITE BECAUSE IT IS A PART OF A CIVIL WAR CAMP WHICH IS ABOUT 50 ACRES AND OVER THE YEARS HAS BECOME MOSTLY FORESTED. WOULD THIS PROPERTY BE ELIGIBLE FOR THIS PROGRAM?

*It has the cultural resources and other significance that can enable you to make application to this program. If you are suggesting the need to demonstrate that area for the value that it has, that some of*

*the site be cleared to show the battle site. That would have to be worked out as the application is made.*

WELL, RIGHT NOW IT BELONGS TO A 90-SOMETHING YEAR OLD WOMAN AND I FEEL IT WILL PROBABLY BE UP FOR SALE IN THE NEAR FUTURE. SO THAT'S WHY I'M HERE TONIGHT TO GET INFORMATION.

*I understand it's an important resource that needs to be taken care of. There are other opportunities or resources you may want to explore to retain this property until such time that the Legacy funds would become available.*

BUT IT COULD BE POSSIBLE TO QUALIFY THIS PROPERTY UNDER LEGACY GUIDELINES AT THAT TIME?

*It is possible. Just bear in mind the ranking process and how it all works. The more criteria the area meets the higher the ranking.*

YOU SAID THE GROUND COULDN'T BE OVER 25 PERCENT OPEN LAND. IS THAT A HARD AND FAST RULE?

*That's the current rule.*

COULD YOU GET AN EXCEPTION?

*We haven't been involved enough to know yet whether you could, but we would certainly make the argument if we thought it was valuable enough for the State of Kentucky.*

DOES THE FORESTRY HAVE THE FINAL SAY?

*No, the committee has the final say. The Stewardship committee makes the decisions. They do the rankings, submit the applications on a regional level and so on.*

WHEN ARE WE GONNA KNOW WHO THE COMMITTEE IS?

*Presently the Stewardship committee is represented by the various agencies discussed at the beginning of this meeting, along with some private individuals and non-profits organizations.*

WOULDN'T THE DEPARTMENT OF PARKS BE CONCERNED WITH THE PROPERTY I INQUIRED ABOUT IN LARUE COUNTY, AS WELL AS THE LEGACY PROGRAM ITSELF?

*Yes, and they are a member of the Stewardship committee but they also participate in the Heritage Land Conservation Fund program. They have abilities through other avenues as well, to be interested in property such as you described.*

IS AN EASEMENT AN ALL OR NOTHING PROPOSITION? IF YOU HAVE AN EASEMENT ON YOUR PROPERTY, DOES THAT FLAT OUT PROHIBIT CONSTRUCTION?

*An easement is a very individual type of document. It's between the stewardship committee and the landowner, values that Legacy wants to protect and what the landowner wants to do on the property has to mesh. It's very much an individualized document.*

*One of the things the program requires, which falls in line with the easement, is a Forest Stewardship Plan, a multi-resource management plan that can encompass wildlife management, forest management, recreation, watershed—all depends on what the landowner's interests are. Once it's written, the landowner must adhere to that plan. It can be upgraded as time goes by. Stewardship plans and Legacy go hand in hand. They compliment each other to benefit the land.*

ARE THESE EASEMENTS IN PERPETUITY?

*Yes. We couldn't say it's protected unless that happened.*

SO IF ANYONE WANTED TO BREAK THE DEED, IT WOULD END UP IN COURT?

Yes.

WHEN WILL YOU ACTUALLY BE LOOKING FOR PROJECTS AND BE READY TO SUBMIT?

*Depending on how long it takes to get approval from the Secretary of Agriculture; we'll start looking for projects this time next year we hope.*

**Forest Legacy Public Meeting #3  
Powderly, KY – January 14, 2003**

<u>Name</u>	<u>Organization</u>
Steve Kull	KDF
Pam Snyder	KDF
Lori White	KDF
Scott Harp	KDFWR
Eric Williams	KDFWR
Chuck White	---
Heather Weese	KSNPC
Katie Wilding	KDF
Jeff Sole	TNC
Jim Aldrich	TNC

**MINUTES FROM JANUARY 14, 2003 PUBLIC MEETING (Question & Answer Forum)**

COULDN'T YOU USE FIA DATA TO GATHER INFORMATION?

*Part of the reason we can't use FIA data is because all 5 panels are not completed so the statistical analysis won't be correct.*

*Technically, under Federal guidelines that were revised in 1996, the whole property does not have to be in forested condition. It could be 25 percent not forested, which means that portions could be planted back to trees. It all depends on what goes into the forest stewardship plan, which they require for each property that comes into the program.*

HOW MUCH ACREAGE ARE WE REALLY TALKING ABOUT ON A PER YEAR BASIS AND WHAT'S THE GOAL?

*It depends totally on Congress. We could turn in a multi-thousand acre project or we could turn in 10 projects. The project could be funded all at once or the full 10 projects funded. There is no set formula; it's project specific.*

SO THEY ACTUALLY PICK WHAT GETS DONE?

*Well, the rankings help.*

THE RANKING IS NATIONWIDE AND NOT JUST IN KENTUCKY?

*We rank ours in Kentucky. Those then go to regional ranking in Atlanta and from there they are nationally ranked. Bottom line is, the more that the property can offer based on the eligible criteria the better it's gonna rank. If you try to apply for a single interest, you're not going to rank very high. Traditionally, lands that have been located next to public lands, whether they were state or federal, tended to rank higher nationally because Congress is looking at how much the public can use the property.*

WHAT RIGHTS ARE YOU PURCHASING IN CONSERVATION EASEMENTS?

*It will be deed specific. Basically negotiations between us and the seller. There are 2 separate applications--#1 fee simple, which is straight out land acquisition and #2 Conservation easement and it asks what rights you want to retain. Most landowners typically want to keep the land in a forested condition. They want to keep it protected from development.*

HERE IN THE WESTERN PART OF THE STATE, WE REALLY DON'T HAVE ANYONE PURCHASING CONSERVATION EASEMENTS. THEY'RE ALL LOOKING AT CRITICAL HABITAT AND I'VE TALKED TO SEVERAL LANDOWNERS THAT HAVE WOODLANDS THAT WOULD LOVE TO HAVE A CONSERVATION EASEMENT, BUT NOBODY'S WILLING TO PURCHASE IT. I THINK IT WOULD BE A MISTAKE TO DOWNGRADE THAT SIDE OF THE PROGRAM JUST BECAUSE, EVERYBODY WANTS TO BUY PROPERTY AND PROTECT IT OURSELVES. CONSERVATION EASEMENTS ARE JUST AS IMPORTANT.

*You're right, and we certainly didn't want to rule that out. If it's threatened for conversion, a conservation easement is the way to get it, then there's certainly opportunity to do that.*



ARE THERE GOING TO BE ANY ACREAGE CAPS? I MEAN, ARE THEY FOLLOWING THE USUAL GUIDELINES THAT YOU CAN'T PAY ANY MORE THAN THE APPRAISED VALUE?

*That's right, no more than the appraised value; but there are no caps on acreage.*

YOU MENTIONED THAT TAKING SOME TIMBER OUT OF THE AREAS COULD BE AN OPTION; IS THAT AN OPTION THAT YOU WOULD DISCUSS WITH THE WHOLE COMMITTEE?

*Yes, the idea is that it's a working forest. Harvesting is not conversion.*

IT SEEMS LIKE YOUR ARGUMENT FOR WHY SPECIFIC AREAS ARE CHOSEN FOR THIS PROGRAM ARE POPULATION GROWTH, DEVELOPMENT AND HIGHWAYS AND HYPOTHETICALLY YOU COULD PICK ANY FIVE COUNTIES AND 2 OF THOSE FIVE WOULD PROBABLY QUALIFY UNDER THAT SAME CRITERIA I WOULD THINK.

*The Committee looked at census data and what we know of our land cover and resources. The whole state could not be included, some areas had to be left out.*

IF WE'RE LOOKING ON SMALL PARCELS, EVEN DOWN TO A ¼ ACRE; IF YOU'RE WILLING TO GO THAT SMALL WHY CAN'T YOU GO THAT SMALL WITHIN EACH COUNTY? I KNOW WEBSTER COUNTY AND HANCOCK COUNTY COULD USE A LOT OF WORK AND WOULD BENEFIT FROM THIS PROGRAM.

ARE YOU SUGGESTING WITHIN A COUNTY, THERE BE A ¼ TO A ½ THAT HAS A PRIORITY AREA?

*Yes, exactly. I know it would be an administrative nightmare to designate that but it would be possible.*

WILL YOU HAVE A COMMENT PERIOD?

The Assessment of Need is being placed on the web site and has received no comments.

FOREST LEGACY PROGRAM  
Letters of Authorization



COMMONWEALTH OF KENTUCKY  
OFFICE OF THE GOVERNOR

PAUL E. PATTON  
GOVERNOR

700 CAPITOL AVENUE  
SUITE 100  
FRANKFORT, KY 40601  
(502) 564-2611  
FAX: (502) 564-2517

May 25, 2001

Mr. Dale Bosworth  
Chief, U. S. Department of Agriculture Forest Service  
P. O. Box 96090  
Washington, D.C. 20090-6090

Dear Mr. Bosworth:

The Commonwealth of Kentucky will participate in the U. S. Department of Agriculture's Forest Legacy Program authorized under Section 1217 of Title XII of the Food, Agriculture, Conservation and Trade Act of 1990.

I have designated the Natural Resources and Environmental Protection Cabinet's Division of Forestry as the lead agency to represent the Commonwealth of Kentucky. Please forward information and other pertinent materials to the Director, Division of Forestry, 627 Comanche Trail, Frankfort, Kentucky 40601. The telephone number is (502) 564-4496.

I am pleased that Kentucky will be part of this important forest conservation effort. Thank you for your support of state and private forestry programs.

Sincerely,  
  
Paul E. Patton

c: James E. Bickford





COMMONWEALTH OF KENTUCKY  
OFFICE OF THE GOVERNOR

PAUL E. PATTON  
GOVERNOR

700 CAPITOL AVENUE  
SUITE 100  
FRANKFORT, KY 40601  
(502) 564-2611  
FAX: (502) 564-2517

May 25, 2001

James E. Bickford, Secretary  
Natural Resources and  
Environmental Protection Cabinet  
Capital Plaza Tower, 5<sup>th</sup> Floor  
Frankfort, KY 40601

Dear Secretary Bickford:

The Commonwealth of Kentucky will participate in the U. S. Department of Agriculture's Forest Legacy Program authorized under Section 1217 of Title XII of the Food, Agriculture, Conservation and Trade Act of 1990.

I hereby designate the Natural Resources and Environmental Protection Cabinet's Division of Forestry as the lead agency for the Forest Legacy Program.

Sincerely,  
  
Paul E. Patton



AN EQUAL OPPORTUNITY EMPLOYER M/F/D

**APPENDIX 2****STATE FOREST STEWARDSHIP COORDINATING COMMITTEE**

Leah MacSwords, Director	KY Division of Forestry
C. Thomas Bennett, Commissioner Dan Figert, Ass't Director, Division of Wildlife Brian W. Smith, Grasslands Program Coordinator	KY Department of Fish & Wildlife Resources
David Sawyer, State Conservationist Tom Marcum, State Resource Conservationist	USDA Natural Resources Conservation Service
Steve Coleman, Director Sheila Vaughan, Financial Assistance Manager Shelly Graves, Grants and Contract Specialist	KY Division of Conservation
Dr. Jeff Stringer, Extension Specialist	UK Department of Forestry
Don Dott, Director	KY State Natures Preserves Commission
Benjamin Worthington, Forest Supervisor Marie Walker, Public Affairs Officer	Daniel Boone Nat'l. Forest
Jeff Hall, State Executive Director Joyce Hobbs, Conservation Program Specialist	USDA Farm Service Agency
Leslie Cole, Executive Director Erik Seigel, Ass't Executive Director Lola Lyle, Research Analyst	KY Environmental Quality Commission
Jody Lassiter, Commissioner	KY Department of Local Government
Bob Bauer, Executive Director	KY Forest Industries Association
Jerry Crow, Hardwood District Forester	MeadWestvaco Corp.
Rowland V. Beers, President	League of Kentucky Sportsmen
Peter T. McNeil	Forest Landowner
Dick Brantigan, President Chris Will, Secretary/Treasurer	KY Association of Consulting Foresters
Pat Henderson, President	KY Association of Conservation Districts
Joe Ball, President Herb Loyd	KY Woodland Owners Association
Judith McCandless	KY Conservation Committee
Jeff Pratt, Director Corrine Wells, Program Coordinator, Nonpoint Source Pollution	KY Division of Water

## **APPENDIX 3**

### **Landowner Applications, Landowner Inspection Consent Form and Landowner Application Checklist**

**LANDOWNER APPLICATION**  
**Phase 1 – Initial contract document**

**KENTUCKY'S FOREST LEGACY PROGRAM**  
**FEE SIMPLE APPLICATION**

SITE NAME: \_\_\_\_\_ TOTAL ACREAGE: \_\_\_\_\_

COUNTY: \_\_\_\_\_

LANDOWNER(S): \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

**PROPERTY INFORMATION:**

Legal Description: \_\_\_\_\_ Agent: \_\_\_\_\_

County: \_\_\_\_\_ Tax Map #: \_\_\_\_\_

Assessor's Plat and Lot Numbers: \_\_\_\_\_

Deed Reference (Book and Page Number): \_\_\_\_\_

Current Local Zoning Where Property Is Located: \_\_\_\_\_

(Include minimum lot size and road frontage requirements): \_\_\_\_\_

Current tax valuation or recent appraisal (attach if available)

Property's Total Forested Acres: \_\_\_\_\_

Forested Acres of Tract Offered for Forest Legacy: \_\_\_\_\_

Acres of Cleared/Open Land: \_\_\_\_\_

Directions to Property: \_\_\_\_\_

**FOREST TYPES:** (Check all that apply)

Bottomland Hardwoods: \_\_\_\_\_ Upland Hardwoods \_\_\_\_\_

Natural Pine: \_\_\_\_\_ Pine Plantation: \_\_\_\_\_

Mixed Pine/Hardwoods: \_\_\_\_\_ Other: \_\_\_\_\_

**WATER RESOURCES:** (Check all that apply)

Rivers and Creeks \_\_\_\_\_ Names: \_\_\_\_\_

Lakes and Ponds \_\_\_\_\_ Sizes: \_\_\_\_\_

Wetlands \_\_\_\_\_ Sizes: \_\_\_\_\_

Others: \_\_\_\_\_ List: \_\_\_\_\_

**LANDOWNER APPLICATION**  
**Phase 1 – Initial contract document**

**KENTUCKY'S FOREST LEGACY PROGRAM**  
**FEE SIMPLE APPLICATION**

**ENVIRONMENTALLY IMPORTANT FEATURES:** (Use additional sheets if needed)

NATURAL COMMUNITIES: \_\_\_\_\_  
\_\_\_\_\_

RARE PLANT OR ANIMAL SPECIES: \_\_\_\_\_  
\_\_\_\_\_

UNUSUAL LANDFORMS: \_\_\_\_\_  
\_\_\_\_\_

SCENIC FEATURES/PUBLIC RESOURCES \_\_\_\_\_  
\_\_\_\_\_

**ADJACENT LAND OWNERSHIPS:**

FEDERAL \_\_ STATE \_\_ FOREST INDUSTRY \_\_ PRIVATE \_\_ OTHER \_\_\_\_\_

**LANDOWNER EVALUATION QUESTIONS:** (Use additional sheets if needed). The Forest Stewardship Coordinating Committee evaluates and scores each landowner application. The landowner evaluation questions should be filled out to provide the Forest Stewardship Coordinating Committee further property details.

- 1) Are you willing to sell your property? \_\_\_\_\_
- 2) Do you have clear title to your property (No outstanding partial Interest Rights)? \_\_\_\_\_  
\_\_\_\_\_
- 3) How would you rate the threat of conversion of your forestland? \_\_\_\_\_
- 4) How would you describe the county population change in the last 5 years? \_\_\_\_\_
- 5) How would you rate the conversion of forestland in your county in the last 10 years? \_\_\_\_\_
- 6) Does your property fall within a high development area i.e. highway corridor, waterfront or mountain top? \_\_\_\_\_
- 7) Do you currently manage your timber/forestland? \_\_\_\_\_
- 8) Do you currently manage your wildlife resources on your property? \_\_\_\_\_
- 9) What are the soil and water resources on your property i.e. wetlands, highly erodible soils present? \_\_\_\_\_
- 10) Does your property have any significant recreational assets i.e. lake or hunting? \_\_\_\_\_  
\_\_\_\_\_
- 11) Does your property have any significant cultural or historical resources? \_\_\_\_\_
- 12) How would you describe the ecosystem integrity of your property? \_\_\_\_\_
  - a) size and connectivity of forestland tract? \_\_\_\_\_
  - b) threats to forest health (exotic species, diseases and fire)? \_\_\_\_\_
  - c) Late Successional Species Present? \_\_\_\_\_

**LIENS AND ENCUMBRANCES**

List any and all liens and encumbrances on the property proposed for enrollment in the Forest Legacy Program. Examples: mineral rights, utility easements (gas lines, power line), public rights of way, water flow or use restrictions, septic systems or water easements, deed restrictions, tax liens, etc. The information provided above is true to the best of my/our knowledge and belief.

**ALL TITLEHOLDERS MUST SIGN.**

**PRINT NAME(S)**

**SIGNATURE**

**DATE**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Disclaimer: All property accepted into the Forest Legacy Program is based on appraisal values meeting federal standards. At least 25 percent of the total acreage of the landowner's property must fall into a designated forest legacy area.**

**Send this Fee Simple Application, Landowner Inspection Consent Agreement, and Landowner Application Check List Material (aerial photograph, Maps etc.)**

**To:**

**Kentucky's Forest Legacy Program  
Kentucky Division of Forestry  
300 Sower Blvd, 4<sup>th</sup> Floor  
Frankfort, KY 40601**

**FOR OFFICE USE ONLY**

**Received by: \_\_\_\_\_ Application Number: \_\_\_\_\_**

**Date: \_\_\_\_\_**



**COMMONWEALTH OF KENTUCKY  
FOREST LEGACY PROGRAM**

**Landowner Inspection Consent Agreement**

I, \_\_\_\_\_ as the landowner or the landowner's authorized agent (proof of authorization must accompany this document) agree to allow inspection, appraisal, and survey of my property being offered for consideration under the Forest Legacy Program. I agree to allow members of the Kentucky Division of Forestry or their designated staff to inspect the property as may be required at any time. I shall be notified in advance of all inspection visits.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature of Landowner(s) or Agent

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date

\_\_\_\_\_  
Kentucky Division of Forestry

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

**FOR OFFICE USE ONLY**

Received by: \_\_\_\_\_ Application Number: \_\_\_\_\_

Date: \_\_\_\_\_

**COMMONWEALTH OF KENTUCKY  
FOREST LEGACY PROGRAM**

**Landowner Application Check List**

With your Fee Simple application or Conservation easement application, please submit four copies of the following for each contiguous parcel:

- \_\_\_\_\_ Completed fee simple application or conservation easement application
- \_\_\_\_\_ Name(s) and address(es) of other owner(s) of record for this tract
- \_\_\_\_\_ Signed Landowner Inspection Consent agreement
- \_\_\_\_\_ **Copy** of road map indicating property location
- \_\_\_\_\_ **Copy** of plat or survey map of the property
- \_\_\_\_\_ **Copy** of Aerial photo (may be obtained through your local Farm Services Agency County Office)
- \_\_\_\_\_ Legal Description (if available)
- \_\_\_\_\_ List of existing permanent improvements on the property, including houses, barns, lakes, ponds, dams, wells, roads, and other structures, and the total number of acres occupied by improvements.
- \_\_\_\_\_ Map identifying all dams, dumps, or waste disposal sites on the property (if available).
- \_\_\_\_\_ Forest Stewardship Plan or Forest Management Plan

**Disclaimer:** All materials submitted with application are not returnable. Disclosure of this information is voluntary: however, failure to comply may result in this form not being processed.

**FOR OFFICE USE ONLY**

Received by: \_\_\_\_\_ Application Number: \_\_\_\_\_

Date: \_\_\_\_\_

**LANDOWNER APPLICATION**  
**Phase 1 – Initial contract document**

**KENTUCKY'S FOREST LEGACY PROGRAM**  
**CONSERVATION EASEMENT APPLICATION**

SITE NAME: \_\_\_\_\_ TOTAL ACREAGE: \_\_\_\_\_

COUNTY: \_\_\_\_\_

LANDOWNER(S): \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

**PROPERTY INFORMATION:**

Legal Description: \_\_\_\_\_ Agent: \_\_\_\_\_

County: \_\_\_\_\_ Tax Map #: \_\_\_\_\_

Assessor's Plat and Lot Numbers: \_\_\_\_\_

Deed Reference (Book and Page Number): \_\_\_\_\_

Current Local Zoning Where Property Is Located: \_\_\_\_\_

(Include minimum lot size and road frontage requirements): \_\_\_\_\_

Current tax valuation or recent appraisal (attach if available)

Property's Total Forested Acres: \_\_\_\_\_

Forested Acres of Tract Offered for Forest Legacy: \_\_\_\_\_

Acres of Cleared/Open Land: \_\_\_\_\_

Directions to Property: \_\_\_\_\_

**FOREST TYPES:** (Check all that apply)

Bottomland Hardwoods: \_\_\_\_\_ Upland Hardwoods \_\_\_\_\_

Natural Pine: \_\_\_\_\_ Pine Plantation: \_\_\_\_\_

Mixed Pine/Hardwoods: \_\_\_\_\_ Other: \_\_\_\_\_

**WATER RESOURCES:** (Check all that apply)

Rivers and Creeks \_\_\_\_\_ Names: \_\_\_\_\_

Lakes and Ponds \_\_\_\_\_ Sizes: \_\_\_\_\_

Wetlands \_\_\_\_\_ Sizes: \_\_\_\_\_

Others: \_\_\_\_\_ List: \_\_\_\_\_

**LANDOWNER APPLICATION**  
**Phase 1 – Initial contract document**

**KENTUCKY’S FOREST LEGACY PROGRAM**  
**CONSERVATION EASEMENT APPLICATION**

**ENVIRONMENTALLY IMPORTANT FEATURES:** (Use additional sheets if needed)

NATURAL COMMUNITIES: \_\_\_\_\_

\_\_\_\_\_

RARE PLANT OR ANIMAL SPECIES: \_\_\_\_\_

\_\_\_\_\_

UNUSUAL LANDFORMS: \_\_\_\_\_

\_\_\_\_\_

SCENIC FEATURES/PUBLIC RESOURCES: \_\_\_\_\_

\_\_\_\_\_

**ADJACENT LAND OWNERSHIPS:**

FEDERAL \_\_ STATE \_\_ FOREST INDUSTRY \_\_ PRIVATE \_\_ OTHER \_\_\_\_\_

**It is important that the following section be carefully and fully completed. The information you supply will directly affect the desirability of the property as well as its appraised value and therefore, the ranking. Note that checking "YES" does not limit your ability to negotiate price and options in the future; it merely assists the State Forest Stewardship Coordinating Committee when evaluating your property. Indicate which of the following interests you desire to retain. Note by checking "YES" should indicate the rights you as the landowner(s) want to retain.**

YES	MAYBE	NO	
_____	_____	_____	Timber and wood product rights
_____	_____	_____	No public access
_____	_____	_____	Hunting
_____	_____	_____	Fishing
_____	_____	_____	Camping
_____	_____	_____	Hiking or other passive recreation
_____	_____	_____	Bicycling
_____	_____	_____	Horseback riding
_____	_____	_____	Construction of roads
_____	_____	_____	Motorized access

**LANDOWNER APPLICATION**  
**Phase 1 – Initial contract document**

**KENTUCKY’S FOREST LEGACY PROGRAM**  
**CONSERVATION EASEMENT APPLICATION**

YES	MAYBE	NO	
_____	_____	_____	Expansion of existing improvements
_____	_____	_____	Mushroom/Ginseng/Craft Material Collection
_____	_____	_____	Other: _____

**LANDOWNER EVALUATION QUESTIONS:** (Use additional sheets if needed). The Forest Stewardship Coordinating Committee evaluates and scores each landowner application. The landowner evaluation questions should be filled out to provide the Forest Stewardship Coordinating Committee further property details.

- 1) Are you willing to place a conservation easement on your property? \_\_\_\_\_
- 2) Do you have clear title to your property (No outstanding partial Interest Rights)? \_\_\_\_\_
- \_\_\_\_\_
- 3) How would you rate the threat of conversion of your forestland? \_\_\_\_\_
- 4) How would you describe the county population change in the last 5 years? \_\_\_\_\_
- 5) How would you rate the conversion of forestland in your county in the last 10 years? \_\_\_\_\_
- 6) Does your property fall within a high development area i.e. highway corridor, waterfront or mountain top? \_\_\_\_\_
- 7) Do you currently manage your timber/forestland? \_\_\_\_\_
- 8) Do you currently manage your wildlife resources on your property? \_\_\_\_\_
- 9) What are the soil and water resources on your property i.e. wetlands, highly erodible soils present? \_\_\_\_\_
- 10) Does your property have any significant recreational assets i.e. lake or hunting? \_\_\_\_\_
- \_\_\_\_\_
- 11) Does your property have any significant cultural or historical resources? \_\_\_\_\_
- 12) How would you describe the ecosystem integrity of your property? \_\_\_\_\_
  - a) size and connectivity of forestland tract? \_\_\_\_\_
  - b) threats to forest health (exotic species, diseases and fire)? \_\_\_\_\_
  - c) Late Successional Species Present? \_\_\_\_\_

**LIENS AND ENCUMBRANCES**

List any and all liens and encumbrances on the property proposed for enrollment in the Forest Legacy Program. Examples: mineral rights, utility easements (gas lines, power line), public rights of way, water flow or use restrictions, septic systems or water easements, deed restrictions, tax liens, etc.

The information provided above is true to the best of my/our knowledge and belief.

**ALL TITLEHOLDERS MUST SIGN.**

PRINT NAME(S)	SIGNATURE	DATE
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Disclaimer: All property accepted into the Forest Legacy Program is based on appraisal values meeting federal standards. At least 25 percent of the total acreage of the landowner's property must fall into a designated forest legacy area.**

**Send this Conservation Easement Application, Landowner Inspection Consent Agreement, and Landowner Application Check List Material (aerial photograph, Maps etc.)**

**To:**

**Kentucky's Forest Legacy Program  
Kentucky Division of Forestry  
300 Sower Blvd, 4<sup>th</sup> Floor  
Frankfort, KY 40601**

**FOR OFFICE USE ONLY**

**Received by: \_\_\_\_\_ Application Number: \_\_\_\_\_**

**Date: \_\_\_\_\_**

## APPENDIX 4

### FOREST LEGACY PROGRAM PROJECT PROPOSAL EVALUATION FORM DIRECTIONS

Members of the State Forest Stewardship Coordinating Committee will complete the Project Proposal Evaluation form for every proposed tract. The selected tracts will be submitted to the U.S. Forest Service for funding based on readiness, threatened, strategic and confirmation of important values.

Reviewers responsible for completing the Evaluation Form should have access to aerial photos, plats, topo maps, property descriptions, and the landowner to aid in the evaluation process. Following is an explanation of how to complete the evaluation form.

**Application Number** – Use the number found on the original application.

**Forest Legacy Area** – Name the Legacy Area in which the evaluated tract is located.  
The Form is divided into 4 Primary Categories and Definitions:

- I. **Readiness - Indicates level of commitment and likelihood that project can be completed in a predictable timeline. Include elements such as an appraisal, purchase and sale agreement, an option to purchase, anticipated cost-share level, contributing partners and indications of local support.**
- II. **Threatened – Conversion to non-forest uses is likely or imminent and will result in a loss of forest values and public benefits.**
- III. **Important – The public benefits gained from the protection of the property including the ecological assets and the economic and social aspects.**
- IV. **Strategic – Fits with a larger conservation plan strategy, initiative and enhances previous conservation investments.**

Category III. **Important** is further divided into 8 sub-categories:

- A. **Timber Management/Productivity**
- B. **Wildlife Resources**
- C. **Protected Species/Endangered Communities**
- D. **Soil & Water Resources**
- E. **Public Recreation Opportunities**
- F. **Scenic Resources**
- G. **Cultural Resources**
- H. **Ecosystem Integrity**

Each Category (except for **Important**) and sub-Category listed above has an associated point total range and a list of considerations to be taken into account by the reviewer when assigning points to that category/sub-category. The reviewer should account for each of the considerations when deciding on the point total for each category/sub-category but be aware that each consideration does not have an assigned point value. This allows for flexibility on the part of the reviewer if a tract is outstanding in relation to particular considerations but is lacking in others.

Under **Ready** an answer of “No” to the first consideration automatically disqualifies the application and the reviewer can end the evaluation.

For the other 3 categories, the reviewer can use the “Comments” column to make whatever notes necessary to help in scoring and points associated with any consideration can be placed in the “Score” column. Total points for any category should be placed in the highlighted box within the “Score” column. For example, up to 90 total points for the **Threatened** category should be placed in the highlighted box under the “Score” column. For the Category III.

**Important**, total points for each sub-category should be placed in the “Score” column in the highlighted box at the end of each sub-category. For example, in the sub-category **A. Timber Management/Productivity**, up to 15 points should be placed in the highlighted box.

All subtotal boxes (**II. Subtotal – IV. Subtotal**) then will be summed to get the **Total Score** at the bottom of the page.

**Phase 2 – Detailed Application and Evaluation Form Instruction Sheet**

**FOREST LEGACY PROGRAM  
PROJECT PROPOSAL EVALUATION FORM  
Page 1 of 2**

Application Number: \_\_\_\_\_

Forest Legacy Area:

<b>I. READY</b>	<b>"No" answer to the first question disqualifies application</b>	
Willing Seller(s)	Yes	No
25% Matching Funds Available	Yes	No
Clear Title(No outstanding partial Interest Rights)	Yes	No
Does proposed property satisfy the criteria used to establish the FLA containing the tract	Yes	No
Relative Costs		
Price (Per Acre & Total)		
Other Matching Funds Available	Yes	No
If yes, what percentage		
<b>II. THREATENED (0-90 Points)</b>	<b>Comments</b>	<b>Score</b>
Parcel Currently for Sale on the Open Market		
% Change in County Population Last 5 Years		
% Change in Per Acre Real Estate Value Last 5 Years		
% Change in Forested Land in County Last 10 Years		
High Development Potential (e.g. highway corridor, waterfront, mountain top)		
<b>III. IMPORTANT (0-90 Points)</b>	<b>Comments</b>	<b>Score</b>
<b>A. Timber Management/Productivity (0-15 Points)</b>		
Soil productivity will produce quality timber products		
Growing timber stock present		
Forest products can be easily transported to user		
Timber is accessible		
Diversity of age classes & timber type		
<b>B. Wildlife Resources (0-15 Points)</b>		
Diversity of habitats on property		
Significant habitats and/or species present		
Wetlands present		
Active management to enhance wildlife habitat		



Connectivity		
<b>C. Protected Species/Endangered Communities (0-15 Points)</b>		
Known occurrence of RTE communities or species of plants &/or animals		
Habitats suitable for reoccupation by, or harboring of, RTE species present		
<b>D. Soil &amp; Water Resources (0-15 Points)</b>		
Total # of acres of bottomland/wetland forest		
Total length of forest/wetland interface		
Steep slopes &/or highly erodible soils present		
<b>E. Public Recreation Opportunities (0-5 Points)</b>		
Public has access		
Proximity to a population center		
Significant recreational assets (e.g. lake, hunting available)		
<b>F. Scenic Resources (0-5 Points)</b>		
Public visibility		
Unique/unusual features		
<b>G. Cultural Resources (0-5 Points)</b>		
Site contains significant cultural or historical resources		
<b>H. Ecosystem Integrity (0-15 Points)</b>		
Size of tract		
Connectivity to other protected lands		
Threats to Forest Health (exotic species, diseases, fire)		
Late Successional Species Present		
<b>IV. STRATEGIC (0-20 Points)</b>	<b>Comments</b>	<b>Score</b>
25% Matching Funds donated by willing seller		
Synergy of primary categories		
Potential for initiating other conservation projects		
Cost-sharing or bargain sale		
Manageability		
Educational opportunities		
Fee simple purchase		
<b>TOTAL SCORE</b>		

**APPENDIX 5**

**Endangered, Threatened and Special Concern Plants, Animals, and Natural Communities of Forest Legacy Areas**

Region	Countyname	ELCLASS	Sname	COMMONNAME	STATUSES	RANKS
Eastern	Bell	BIRDS	WILSONIA CANADENSIS	CANADA WARBLER	S	G5/S3B
Eastern	Bell	BIRDS	EMPIDONAX MINIMUS	LEAST FLYCATCHER	E	G5/S1B
Eastern	Bell	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Eastern	Bell	BIRDS	VERMIVORA CHRYSOPTERA	GOLDEN-WINGED WARBLER	T	G4/S2B
Eastern	Bell	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Eastern	Bell	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Eastern	Bell	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Eastern	Bell	BIRDS	PHEUCTICUS LUDOVICIANUS	ROSE-BREADED GROSBEAK	S	G5/S3S4B
Eastern	Bell	BIRDS	CORVUS CORAX	COMMON RAVEN	E	G5/S1
Eastern	Bell	BIVALVES	ANODONTOIDES DENIGRATUS	CUMBERLAND PAPERSHELL	E	G1/S1
Eastern	Bell	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Eastern	Bell	CRUSTACEANS	CAMBARUS PARVOCULUS	A CRAYFISH	E	G4/S1
Eastern	Bell	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Eastern	Bell	GASTROPODS	PATERA PANSELENIUS	VIRGINIA BLADETOOTH	S	G3G4/S1
Eastern	Bell	GASTROPODS	ANGUISPIRA RUGODERMA	PINE MOUNTAIN TIGERSNAIL	T	G?/S2
Eastern	Bell	GASTROPODS	FUMONELIX WETHERBYI	CLIFTY COVERT	S	G?/S2
Eastern	Bell	INSECTS	POLYGONIA FAUNUS	GREEN COMMA	H	G5/SH
Eastern	Bell	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Eastern	Bell	INSECTS	CALLOPHRYS IRUS	FROSTED ELFIN	S	G3/S1
Eastern	Bell	INSECTS	LYTROSIS PERMAGNARIA	A GEOMETRID MOTH	E	G3G4/S1
Eastern	Bell	INSECTS	EPHEMERELLA INCONSTANS		H	G3/SH
Eastern	Bell	INSECTS	CALOPTERYX DIMIDIATA	SPARKLING JEWELWING	N	G5/SH
Eastern	Bell	INSECTS	CHEUMATOPSYCHE HELMA	HELMA'S NET-SPINNING CADDISFLY	H	G1G3/SH
Eastern	Bell	INSECTS	PSEUDANOPHTHALMUS FRIGIDUS	ICEBOX CAVE BEETLE	T	G1G2/S1
Eastern	Bell	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Eastern	Bell	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Eastern	Bell	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Eastern	Bell	MAMMALS	CLETHRIONOMYS GAPPERI MAURUS	KENTUCKY RED-BACKED VOLE	S	G5T3T4/S 3
Eastern	Bell	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Eastern	Bell	MAMMALS	SOREX CINEREUS	CINEREUS SHREW	S	G5/S3
Eastern	Bell	NONVASCULAR PLANTS	POLYTRICHUM PALLIDISETUM	A HAIR CAP MOSS	T	G4/S2?
Eastern	Bell	PALUSTRINE COMMUNITIES	APPALACHIAN ACID SEEP		N	S2
Eastern	Bell	REPTILES	EUMECES ANTHRACINUS ANTHRACINUS	NORTHERN COAL SKINK	T	G5T5/S2
Eastern	Bell	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Eastern	Bell	VASCULAR PLANTS	HOUSTONIA SERPYLLIFOLIA	MICHAUX'S BLUETS	E	G4?/S1
Eastern	Bell	VASCULAR PLANTS	MELANTHIUM PARVIFLORUM	APPALACHIAN BUNCHFLOWER	E	G4?/S1
Eastern	Bell	VASCULAR PLANTS	MELAMPYRUM LINEARE VAR LATIFOLIUM	AMERICAN COWWHEAT	T	G5T5/S2
Eastern	Bell	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5?/S3
Eastern	Bell	VASCULAR PLANTS	MAIANTHEMUM CANADENSE	WILD LILY-OF-THE-VALLEY	T	G5/S2
Eastern	Bell	VASCULAR PLANTS	LISTERA SMALLII	KIDNEY-LEAF TWAYBLADE	T	G4/S2
Eastern	Bell	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3

Eastern	Bell	VASCULAR PLANTS	HYPERICUM PSEUDOMACULATUM	LARGE SPOTTED ST. JOHN'S-WORT	H	G5?/SH
Eastern	Bell	VASCULAR PLANTS	MONOTROPSIS ODORATA	SWEET PINESAP	T	G3/S2
Eastern	Bell	VASCULAR PLANTS	GNAPHALIUM HELLERI VAR MICRADENIUM	SMALL RABBIT TOBACCO	H	G4G5T3?/SH
Eastern	Bell	VASCULAR PLANTS	WOODSIA APPALACHIANA	APPALACHIAN WOODSIA	E	G4/S1
Eastern	Bell	VASCULAR PLANTS	VITIS RUPESTRIS	SAND GRAPE	T	G3/S2
Eastern	Bell	VASCULAR PLANTS	LATHYRUS VENOSUS	SMOOTH VEINY PEAVINE	S	G5/S2S3
Eastern	Bell	VASCULAR PLANTS	ORONTIUM AQUATICUM	GOLDEN CLUB	T	G5/S2
Eastern	Bell	VASCULAR PLANTS	POLYGALA NUTTALLII	NUTTALL'S MILKWORT	H	G5/SH
Eastern	Bell	VASCULAR PLANTS	SALVIA URTICIFOLIA	NETTLE-LEAF SAGE	E	G5/S1
Eastern	Bell	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Eastern	Bell	VASCULAR PLANTS	SILENE OVATA	OVATE CATCHFLY	E	G2G3/S1S2
Eastern	Bell	VASCULAR PLANTS	SOLIDAGO CURTISII	CURTIS' GOLDENROD	T	G5T4T5/S2S3
Eastern	Bell	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Eastern	Bell	VASCULAR PLANTS	SOLIDAGO ROANENSIS	ROAN MOUNTAIN GOLDENROD	T	G4G5/S1S2
Eastern	Bell	VASCULAR PLANTS	STACHYS EPLINGII	EPLING'S HEDGENETTLE	E	G5/S1
Eastern	Bell	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Eastern	Bell	VASCULAR PLANTS	GENTIANA DECORA	SHOWY GENTIAN	S	G4?/S3
Eastern	Bell	VASCULAR PLANTS	TRILLIUM UNDULATUM	PAINTED TRILLIUM	T	G5/S2
Eastern	Bell	VASCULAR PLANTS	CONVALLARIA MONTANA	AMERICAN LILY-OF-THE-VALLEY	E	G4/S1
Eastern	Bell	VASCULAR PLANTS	HEXASTYLIS HETEROPHYLLA	VARIABLE-LEAVED HEARTLEAF	S	G4G5Q/S3
Eastern	Bell	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Eastern	Bell	VASCULAR PLANTS	ADLUMIA FUNGOSA	ALLEGHENY-VINE	E	G4/S1
Eastern	Bell	VASCULAR PLANTS	AMIANTHIUM MUSCITOXICUM	FLY POISON	T	G4G5/S1S2
Eastern	Bell	VASCULAR PLANTS	DISPORUM MACULATUM	NODDING MANDARIN	S	G3G4/S3?
Eastern	Bell	VASCULAR PLANTS	DESCHAMPSIA FLEXUOSA	CRINKLED HAIRGRASS	T	G5/S2
Eastern	Bell	VASCULAR PLANTS	CORYDALIS SEMPERVIRENS	ROCK HARLEQUIN	S	G4G5/S3?
Eastern	Bell	VASCULAR PLANTS	BAPTISIA TINCTORIA	YELLOW WILD INDIGO	T	G5/S1S2
Eastern	Bell	VASCULAR PLANTS	CHELONE OBLIQUA VAR OBLIQUA	RED TURTLEHEAD	E	G4T3T4/S1
Eastern	Bell	VASCULAR PLANTS	CAREX HYSTERICINA	PORCUPINE SEDGE	H	G5/SH
Eastern	Bell	VASCULAR PLANTS	CALAMAGROSTIS PORTERI SSP PORTERI	PORTER'S REEDGRASS	T	G4T4/S2S3
Eastern	Bell	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Eastern	Bell	VASCULAR PLANTS	CHRYSOSPLENIUM AMERICANUM	AMERICAN GOLDEN-SAXIFRAGE	E	G5/S1
Eastern	Harlan	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Eastern	Harlan	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Eastern	Harlan	BIRDS	FALCO PEREGRINUS	PEREGRINE FALCON	E	G4/S1B,SZN
Eastern	Harlan	BIRDS	VERMIVORA CHRYSOPTERA	GOLDEN-WINGED WARBLER	T	G4/S2B
Eastern	Harlan	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Eastern	Harlan	BIRDS	DENDROICA FUSCA	BLACKBURNIAN WARBLER	T	G5/S1S2B

Eastern	Harlan	BIRDS	JUNCO HYEMALIS	DARK-EYED JUNCO	S	G5/S2S3B ,S5N
Eastern	Harlan	BIRDS	PHEUCTICUS LUDOVICIANUS	ROSE-BREADED GROSBK	S	G5/S3S4B
Eastern	Harlan	BIRDS	WILSONIA CANADENSIS	CANADA WARBLER	S	G5/S3B
Eastern	Harlan	BIRDS	CORVUS CORAX	COMMON RAVEN	E	G5/S1
Eastern	Harlan	BIRDS	EMPIDONAX MINIMUS	LEAST FLYCATCHER	E	G5/S1B
Eastern	Harlan	FISHES	ETHEOSTOMA NIGRUM SUSANAE	JOHNNY DARTER	E/C	G2/S1
Eastern	Harlan	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Eastern	Harlan	GASTROPODS	ANGUISPIRA RUGODERMA	PINE MOUNTAIN TIGERSNAIL	T	G7/S2
Eastern	Harlan	GASTROPODS	VERTIGO BOLLESIANA	DELICATE VERTIGO	E	G3/S1
Eastern	Harlan	GASTROPODS	PILSBRYNA SP 1	A SNAIL	E	G7/S1
Eastern	Harlan	GASTROPODS	VITRINIZONITES LATISSIMUS	GLASSY GRAPESKIN	T	G4/S1
Eastern	Harlan	GASTROPODS	NEOHELIX DENTIFERA	BIG-TOOTH WHITELIP	T	G4/S2
Eastern	Harlan	GASTROPODS	GLYPHYALINIA RHOADSI	SCULPTED GLYPH	T	G5/S1
Eastern	Harlan	GASTROPODS	VERTIGO CLAPPI	CUPPED VERTIGO	E	G2/S1
Eastern	Harlan	GASTROPODS	MESOMPHIX RUGELI	WRINKLED BUTTON	T	G3G4/S2
Eastern	Harlan	INSECTS	PSEUDANOPHTHALMUS SCHOLASTICUS	SCHOLARLY CAVE BEETLE	T	G1G2/S1
Eastern	Harlan	INSECTS	AMPHIAGRION SAUCIUM	EASTERN RED DAMSEL	N	G5/S1
Eastern	Harlan	INSECTS	ERORA LAETA	EARLY HAIRSTREAK	S	G3G4/S1
Eastern	Harlan	INSECTS	PYRGUS WYANDOT	APPALACHIAN GRIZZLED SKIPPER	T	G2/S1
Eastern	Harlan	INSECTS	PSEUDANOPHTHALMUS ROGERSAE	ROGERS' CAVE BEETLE	T	G1G2/S1
Eastern	Harlan	INSECTS	CALLOPHRYS IRUS	FROSTED ELFIN	S	G3/S1
Eastern	Harlan	INSECTS	POLYGONIA PROGNE	GRAY COMMA	H	G5/SH
Eastern	Harlan	INSECTS	PHYCIODES BATESII	TAWNY CRESCENT	H	G4/SH
Eastern	Harlan	MAMMALS	CLETHRIONOMYS GAPPERI MAURUS	KENTUCKY RED-BACKED VOLE	S	G5T3T4/S 3
Eastern	Harlan	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Eastern	Harlan	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Eastern	Harlan	MAMMALS	SOREX CINEREUS	CINEREUS SHREW	S	G5/S3
Eastern	Harlan	MAMMALS	SOREX DISPAR BLITCHI	LONG-TAILED SHREW	E	G4T3?/S1
Eastern	Harlan	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Eastern	Harlan	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Eastern	Harlan	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Eastern	Harlan	NONVASCULAR PLANTS	NECKERA PENNATA		T	G5/S2?
Eastern	Harlan	NONVASCULAR PLANTS	HERZOGIELLA TURFACEA		E	G4G5/S1?
Eastern	Harlan	NONVASCULAR PLANTS	POLYTRICHUM STRICTUM		E	G5/S1?
Eastern	Harlan	NONVASCULAR PLANTS	ONCOPHORUS RAUI		E	G3/S1?
Eastern	Harlan	NONVASCULAR PLANTS	ENTODON BREVISETUS		E	G4?/S1?
Eastern	Harlan	NONVASCULAR PLANTS	ANOMODON RUGELII		T	G5/S2?
Eastern	Harlan	PALUSTRINE COMMUNITIES	APPALACHIAN ACID SEEP		N	S2
Eastern	Harlan	REPTILES	EUMECES ANTHRACINUS ANTHRACINUS	NORTHERN COAL SKINK	T	G5T5/S2
Eastern	Harlan	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Eastern	Harlan	TERRESTRIAL COMMUNITIES	XERIC ACIDIC FOREST		N	S5
Eastern	Harlan	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Eastern	Harlan	TERRESTRIAL COMMUNITIES	APPALACHIAN PINE-OAK FOREST		N	S5
Eastern	Harlan	TERRESTRIAL COMMUNITIES	PINE SAVANNA-WOODLAND		N	S1
Eastern	Harlan	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Eastern	Harlan	TERRESTRIAL COMMUNITIES	CUMBERLAND HIGHLANDS FOREST		N	S2

Eastern	Harlan	TERRESTRIAL COMMUNITIES	CUMBERLAND MOUNTAINS XERIC VIRGINIA PINE WOODLAND			
Eastern	Harlan	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Eastern	Harlan	VASCULAR PLANTS	ADLUMIA FUNGOSA	ALLEGHENY-VINE	E	G4/S1
Eastern	Harlan	VASCULAR PLANTS	ACER SPICATUM	MOUNTAIN MAPLE	E	G5/S1S2
Eastern	Harlan	VASCULAR PLANTS	HYPERICUM PSEUDOMACULATUM	LARGE SPOTTED ST. JOHN'S-WORT	H	G57/SH
Eastern	Harlan	VASCULAR PLANTS	EUPATORIUM MACULATUM	SPOTTED JOE-PYE WEED	H	G5/SH
Eastern	Harlan	VASCULAR PLANTS	MELAMPYRUM LINEARE VAR LATIFOLIUM	AMERICAN COWWHEAT	T	G5T5/S2
Eastern	Harlan	VASCULAR PLANTS	MAIANTHEMUM CANADENSE	WILD LILY-OF-THE-VALLEY	T	G5/S2
Eastern	Harlan	VASCULAR PLANTS	LYCOPODIUM INUNDATUM	NORTHERN BOG CLUBMOSS	E	G5/S1S2
Eastern	Harlan	VASCULAR PLANTS	LYCOPODIUM CLAVATUM	RUNNING PINE	E	G5/S1?
Eastern	Harlan	VASCULAR PLANTS	LYCOPODIELLA APPRESSA	SOUTHERN BOG CLUBMOSS	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3
Eastern	Harlan	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Eastern	Harlan	VASCULAR PLANTS	MINUARTIA GLABRA	APPALACHIAN SANDWORT	T	G4/S1S2
Eastern	Harlan	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Eastern	Harlan	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Eastern	Harlan	VASCULAR PLANTS	HEXASTYLIS HETEROPHYLLA	VARIABLE-LEAVED HEARTLEAF	S	G4G5Q/S3
Eastern	Harlan	VASCULAR PLANTS	HERACLEUM LANATUM	COW-PARSNIP	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	HELIANTHEMUM CANADENSE	CANADA FROSTWEED	E	G5/S1?
Eastern	Harlan	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Eastern	Harlan	VASCULAR PLANTS	GENTIANA DECORA	SHOWY GENTIAN	S	G47/S3
Eastern	Harlan	VASCULAR PLANTS	EUPATORIUM STEELEI	STEELE'S JOE-PYE WEED	E	G4/S1?
Eastern	Harlan	VASCULAR PLANTS	LATHYRUS VENOSUS	SMOOTH VEINY PEAVINE	S	G5/S2S3
Eastern	Harlan	VASCULAR PLANTS	SAXIFRAGA MICHAUXII	MICHAUX'S SAXIFRAGE	T	G4G5/S2
Eastern	Harlan	VASCULAR PLANTS	AGRIMONIA GRYPOSEPALA	TALL HAIRY GROOVEBUR	T	G5/S1S2
Eastern	Harlan	VASCULAR PLANTS	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED	S	G5/S3
Eastern	Harlan	VASCULAR PLANTS	TRILLIUM UNDULATUM	PAINTED TRILLIUM	T	G5/S2
Eastern	Harlan	VASCULAR PLANTS	STREPTOPUS ROSEUS VAR PERSPECTUS	ROSY TWISTED-STALK	E	G5T57/S1
Eastern	Harlan	VASCULAR PLANTS	STACHYS EPLINGII	EPLING'S HEDGENETTLE	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	SOLIDAGO ROANENSIS	ROAN MOUNTAIN GOLDENROD	T	G4G5/S1S2
Eastern	Harlan	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Eastern	Harlan	VASCULAR PLANTS	SOLIDAGO CURTISII	CURTIS' GOLDENROD	T	G5T4T5/S2S3
Eastern	Harlan	VASCULAR PLANTS	MELANTHIUM PARVIFLORUM	APPALACHIAN BUNCHFLOWER	E	G47/S1
Eastern	Harlan	VASCULAR PLANTS	SAXIFRAGA MICRANTHIDIFOLIA	LETTUCE-LEAF SAXIFRAGE	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	OENOTHERA OAKESIANA	EVENING PRIMROSE	H	G4G5Q/S H
Eastern	Harlan	VASCULAR PLANTS	SAMBUCUS RACEMOSA SSP PUBENS	RED ELDERBERRY	E	G5T4T5/S1S2
Eastern	Harlan	VASCULAR PLANTS	RUBUS CANADENSIS	SMOOTH BLACKBERRY	E	G5/S1?

Eastern	Harlan	VASCULAR PLANTS	PYROLA AMERICANA	AMERICAN WINTERGREEN	H	G5/SH
Eastern	Harlan	VASCULAR PLANTS	PRENANTHES ALBA	WHITE RATTLESNAKE-ROOT	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Eastern	Harlan	VASCULAR PLANTS	PLATANThERA PSYCODES	SMALL PURPLE-FRINGED ORCHID	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	SILENE OVATA	OVATE CATCHFLY	E	G2G3/S1S2
Eastern	Harlan	VASCULAR PLANTS	CYMOPHYLLUS FRASERIANUS	FRASER'S SEDGE	E	G4/S1
Eastern	Harlan	VASCULAR PLANTS	CAREX ROANENSIS		E	G2/S1
Eastern	Harlan	VASCULAR PLANTS	CASTANEA DENTATA	AMERICAN CHESTNUT	E	G4/S1?
Eastern	Harlan	VASCULAR PLANTS	CHELONE OBLIQUA VAR OBLIQUA	RED TURTLEHEAD	E	G4T3T4/S1
Eastern	Harlan	VASCULAR PLANTS	CHRYSOSPENIUM AMERICANUM	AMERICAN GOLDEN-SAXIFRAGE	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	CAREX APPALACHICA	APPALACHIAN SEDGE	T	G4/S2?
Eastern	Harlan	VASCULAR PLANTS	CORALLORHIZA MACULATA	SPOTTED CORALROOT	E	G5/S1
Eastern	Harlan	VASCULAR PLANTS	CAREX AESTIVALIS	SUMMER SEDGE	E	G4/S1
Eastern	Harlan	VASCULAR PLANTS	CORYDALIS SEMPERVIRENS	ROCK HARLEQUIN	S	G4G5/S3?
Eastern	Harlan	VASCULAR PLANTS	BOYKINIA ACONITIFOLIA	BROOK SAXIFRAGE	T	G4/S2
Eastern	Harlan	VASCULAR PLANTS	CAREX LEPTONERVA	FINELY-NERVED SEDGE	E	G4/S1
Eastern	Harlan	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Eastern	Harlan	VASCULAR PLANTS	CAREX AUSTROROCAROLINIANA	TARHEEL SEDGE	S	G4/S3
Eastern	Harlan	VASCULAR PLANTS	PARONYCHIA ARGYROCOMA	SILVERLING	E	G4/S1
Eastern	Harlan	VASCULAR PLANTS	ANGELICA TRIQUINATA	FILMY ANGELICA	E	G4/S1S2
Eastern	Harlan	VASCULAR PLANTS	BOTRYCHIUM ONEIDENSE	BLUNT-LOBE GRAPE-FERN	E	G4Q/S1
Eastern	Harlan	VASCULAR PLANTS	ERIOPHORUM VIRGINICUM	TAWNY COTTON-GRASS	E	G5/S1?
Eastern	Harlan	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Eastern	Harlan	VASCULAR PLANTS	AMIANThIUM MUSCITOXICUM	FLY POISON	T	G4G5/S1S2
Eastern	Harlan	VASCULAR PLANTS	ASTER ACUMINATUS VAR ACUMINATUS	WHORLED ASTER	T	G5T5?/S2S3
Eastern	Harlan	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Eastern	Harlan	VASCULAR PLANTS	DISPORUM MACULATUM	NODDING MANDARIN	S	G3G4/S3?
Eastern	Harlan	VASCULAR PLANTS	DESCHAMPSIA FLEXUOSA	CRINKLED HAIRGRASS	T	G5/S2
Eastern	Harlan	VASCULAR PLANTS	BAPTISIA TINCTORIA	YELLOW WILD INDIGO	T	G5/S1S2
Eastern	Knott	BIRDS	CORVUS CORAX	COMMON RAVEN	E	G5/S1
Eastern	Knott	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Eastern	Knott	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Eastern	Knott	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Eastern	Knott	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3
Eastern	Knott	VASCULAR PLANTS	SILPHIUM WASIOTENSE	APPALACHIAN ROSIN-WEED	S	G3?/S3?
Eastern	Knott	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Eastern	Knox	BIRDS	CISTOTHORUS PLATENSIS	SEDEGE WREN	S	G5/S3B
Eastern	Knox	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Eastern	Knox	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3

Eastern	Knox	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Eastern	Knox	BIVALVES	ANODONTOIDES DENIGRATUS	CUMBERLAND PAPERSHELL	E	G1/S1
Eastern	Knox	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Eastern	Knox	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Eastern	Knox	INSECTS	POLYGONIA PROGNE	GRAY COMMA	H	G5/SH
Eastern	Knox	INSECTS	POLYGONIA FAUNUS	GREEN COMMA	H	G5/SH
Eastern	Knox	INSECTS	SPEYERIA IDALIA	REGAL FRITILLARY	H	G3/SH
Eastern	Knox	PALUSTRINE COMMUNITIES	RIPARIAN FOREST		N	S5
Eastern	Knox	VASCULAR PLANTS	LOBELIA NUTTALLII	NUTTALL'S LOBELIA	T	G4G5/S2
Eastern	Knox	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Eastern	Knox	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Eastern	Knox	VASCULAR PLANTS	SOLIDAGO CURTISII	CURTIS' GOLDENROD	T	G5T4T5/S2S3
Eastern	Knox	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2
Eastern	Knox	VASCULAR PLANTS	SABATIA CAMPANULATA	SLENDER MARSH PINK	E	G5/S1
Eastern	Knox	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5/S3
Eastern	Knox	VASCULAR PLANTS	BOYKINIA ACONITIFOLIA	BROOK SAXIFRAGE	T	G4/S2
Eastern	Knox	VASCULAR PLANTS	GRATIOLA VISCIDULA	SHORT'S HEDGEHYSSOP	S	G4G5/S3
Eastern	Knox	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Eastern	Knox	VASCULAR PLANTS	ACONITUM UNCINATUM	BLUE MONKSHOOD	T	G4/S2
Eastern	Knox	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Eastern	Letcher	AMPHIBIANS	PLETHODON WEHRLEI	WEHRLE'S SALAMANDER	E	G5/S1
Eastern	Letcher	BIRDS	CORVUS CORAX	COMMON RAVEN	E	G5/S1
Eastern	Letcher	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Eastern	Letcher	BIRDS	PHEUCTICUS LUDOVICIANUS	ROSE-BREADED GROSBEAK	S	G5/S3S4B
Eastern	Letcher	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Eastern	Letcher	BIRDS	EMPIDONAX MINIMUS	LEAST FLYCATCHER	E	G5/S1B
Eastern	Letcher	CRUSTACEANS	CAMBARUS PARVOCULUS	A CRAYFISH	E	G4/S1
Eastern	Letcher	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Eastern	Letcher	FISHES	ETHEOSTOMA NIGRUM SUSANAE	JOHNNY DARTER	E/C	G2/S1
Eastern	Letcher	GASTROPODS	PATERA PANSELENUS	VIRGINIA BLADETOOTH	S	G3G4/S1
Eastern	Letcher	GASTROPODS	GLYPHYALINIA RHOADSII	SCULPTED GLYPH	T	G5/S1
Eastern	Letcher	INSECTS	LITOBRENCHIA RECURVATA	A BURROWING MAYFLY	S	G5/S1
Eastern	Letcher	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Eastern	Letcher	INSECTS	ERORA LAETA	EARLY HAIRSTREAK	S	G3G4/S1
Eastern	Letcher	MAMMALS	SOREX DISPAR BLITCHI	LONG-TAILED SHREW	E	G4T3/S1
Eastern	Letcher	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Eastern	Letcher	MAMMALS	SOREX CINEREUS	CINEREUS SHREW	S	G5/S3
Eastern	Letcher	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Eastern	Letcher	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Eastern	Letcher	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Eastern	Letcher	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Eastern	Letcher	MAMMALS	CLETHRIONOMYS GAPPERI MAURUS	KENTUCKY RED-BACKED VOLE	S	G5T3T4/S3
Eastern	Letcher	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Eastern	Letcher	NONVASCULAR PLANTS	SPHAGNUM QUINQUEFARIUM	A SPHAGNUM MOSS	E	G5/S1?
Eastern	Letcher	NONVASCULAR PLANTS	ONCOPHORUS RAUI		E	G3/S1?

Eastern	Letcher	NONVASCULAR PLANTS	POLYTRICHUM STRICTUM		E	G5/S1?
Eastern	Letcher	NONVASCULAR PLANTS	POLYTRICHUM PALLIDISETUM	A HAIR CAP MOSS	T	G4/S2?
Eastern	Letcher	NONVASCULAR PLANTS	ENTODON BREVISETUS		E	G4?/S1?
Eastern	Letcher	NONVASCULAR PLANTS	ANOMODON RUGELII		T	G5/S2?
Eastern	Letcher	NONVASCULAR PLANTS	CIRRIPHYLLUM PILIFERUM		T	G5/S2?
Eastern	Letcher	NONVASCULAR PLANTS	NECKERA PENNATA		T	G5/S2?
Eastern	Letcher	NONVASCULAR PLANTS	DICRANODONTIUM ASPERULUM		E	G4G5/S1?
Eastern	Letcher	PALUSTRINE COMMUNITIES	APPALACHIAN ACID SEEP		N	S2
Eastern	Letcher	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Eastern	Letcher	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Eastern	Letcher	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Eastern	Letcher	VASCULAR PLANTS	LEUCOTHOE RECURVA	REDTWIG DOGHOBBLE	E	G4G5/S1
Eastern	Letcher	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Eastern	Letcher	VASCULAR PLANTS	HOUSTONIA SERPYLLIFOLIA	MICHAUX'S BLUETS	E	G4?/S1
Eastern	Letcher	VASCULAR PLANTS	HEXASTYLIS HETEROPHYLLA	VARIABLE-LEAVED HEARTLEAF	S	G4G5Q/S3
Eastern	Letcher	VASCULAR PLANTS	HEXASTYLIS CONTRACTA	SOUTHERN HEARTLEAF	E	G3/S1
Eastern	Letcher	VASCULAR PLANTS	GENTIANA DECORA	SHOWY GENTIAN	S	G4?/S3
Eastern	Letcher	VASCULAR PLANTS	EUPATORIUM STEELEI	STEELE'S JOE-PYE WEED	E	G4/S1?
Eastern	Letcher	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Eastern	Letcher	VASCULAR PLANTS	SAXIFRAGA MICRANTHIDIFOLIA	LETTUCE-LEAF SAXIFRAGE	E	G5/S1
Eastern	Letcher	VASCULAR PLANTS	SAXIFRAGA MICHAUXII	MICHAUX'S SAXIFRAGE	T	G4G5/S2
Eastern	Letcher	VASCULAR PLANTS	SANGUISORBA CANADENSIS	CANADA BURNET	E	G5/S1
Eastern	Letcher	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Eastern	Letcher	VASCULAR PLANTS	ORONTIUM AQUATICUM	GOLDEN CLUB	T	G5/S2
Eastern	Letcher	VASCULAR PLANTS	OENOTHERA PERENNIS	SMALL SUNDROPS	E	G5/S1S2
Eastern	Letcher	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Eastern	Letcher	VASCULAR PLANTS	SOLIDAGO ROANENSIS	ROAN MOUNTAIN GOLDENROD	T	G4G5/S1S2
Eastern	Letcher	VASCULAR PLANTS	MONOTROPSIS ODORATA	SWEET PINESAP	T	G3/S2
Eastern	Letcher	VASCULAR PLANTS	CYMOPHYLLUS FRASERIANUS	FRASER'S SEDGE	E	G4/S1
Eastern	Letcher	VASCULAR PLANTS	LISTERA SMALLII	KIDNEY-LEAF TWAYBLADE	T	G4/S2
Eastern	Letcher	VASCULAR PLANTS	POGONIA OPHIOGLOSSOIDES	ROSE POGONIA	E	G5/S1
Eastern	Letcher	VASCULAR PLANTS	BAPTISIA TINCTORIA	YELLOW WILD INDIGO	T	G5/S1S2
Eastern	Letcher	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Eastern	Letcher	VASCULAR PLANTS	DISPORUM MACULATUM	NODDING MANDARIN	S	G3G4/S3?
Eastern	Letcher	VASCULAR PLANTS	TRILLIUM UNDULATUM	PAINTED TRILLIUM	T	G5/S2
Eastern	Letcher	VASCULAR PLANTS	BOTRYCHIUM MATRICARIIFOLIUM	MATRICARY GRAPE-FERN	E	G5/S1
Eastern	Letcher	VASCULAR PLANTS	CAREX APPALACHICA	APPALACHIAN SEDGE	T	G4/S2?



Eastern	Letcher	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Eastern	Letcher	VASCULAR PLANTS	BOYKINIA ACONITIFOLIA	BROOK SAXIFRAGE	T	G4/S2
Eastern	Letcher	VASCULAR PLANTS	CAREX AESTIVALIS	SUMMER SEDGE	E	G4/S1
Eastern	Letcher	VASCULAR PLANTS	ASTER ACUMINATUS VAR ACUMINATUS	WHORLED ASTER	T	G5T5?/S2 S3
Eastern	Letcher	VASCULAR PLANTS	CORYDALIS SEMPERVIRENS	ROCK HARLEQUIN	S	G4G5/S3?
Eastern	Letcher	VASCULAR PLANTS	ADLUMIA FUNGOSA	ALLEGHENY-VINE	E	G4/S1
Eastern	Letcher	VASCULAR PLANTS	ANGELICA TRIQUINATA	FILMY ANGELICA	E	G4/S1S2
Eastern	Letcher	VASCULAR PLANTS	SOLIDAGO CURTISII	CURTIS' GOLDENROD	T	G5T4T5/S 2S3
Eastern	Letcher	VASCULAR PLANTS	CIRCAEA ALPINA	SMALL ENCHANTER'S NIGHTSHADE	S	G5/S3
Eastern	Perry	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Eastern	Perry	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Eastern	Perry	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Eastern	Perry	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Eastern	Perry	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Eastern	Perry	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Eastern	Perry	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Eastern	Perry	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Eastern	Perry	VASCULAR PLANTS	SILPHIUM WASIOTENSE	APPALACHIAN ROSIN-WEED	S	G3?/S3?
Eastern	Perry	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Eastern	Perry	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Eastern	Pike	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Eastern	Pike	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Eastern	Pike	CRUSTACEANS	CAMBARUS VETERANUS	A CRAYFISH	S	G3G4/S1
Eastern	Pike	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Eastern	Pike	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Eastern	Pike	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Eastern	Pike	FISHES	RHINICHTHYS CATARACTAE	LONGNOSE DACE	E	G5/S1
Eastern	Pike	GASTROPODS	GLYPHYALINIA RHOADSI	SCULPTED GLYPH	T	G5/S1
Eastern	Pike	GASTROPODS	PATERA PANSELENIUS	VIRGINIA BLADETOOTH	S	G3G4/S1
Eastern	Pike	INSECTS	PSEUDANOPHTHALMUS HYPOLITHOS	ASHCAMP CAVE BEETLE	T	G1G2/S2
Eastern	Pike	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Eastern	Pike	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Eastern	Pike	VASCULAR PLANTS	ADLUMIA FUNGOSA	ALLEGHENY-VINE	E	G4/S1
Eastern	Pike	VASCULAR PLANTS	CORYDALIS SEMPERVIRENS	ROCK HARLEQUIN	S	G4G5/S3?
Eastern	Pike	VASCULAR PLANTS	SOLIDAGO SQUARROSA	SQUARROSE GOLDENROD	H	G4?/SH
Eastern	Pike	VASCULAR PLANTS	SPIRAEA ALBA	NARROW-LEAVED MEADOW-SWEET	E	G5/S1
Eastern	Pike	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3
Eastern	Pike	VASCULAR PLANTS	THUJA OCCIDENTALIS	NORTHERN WHITE CEDAR	T	G5/S2S3
Eastern	Pike	VASCULAR PLANTS	HEXASTYLIS HETEROPHYLLA	VARIABLE-LEAVED HEARTLEAF	S	G4G5Q/S3
Eastern	Pike	VASCULAR PLANTS	DISPORUM MACULATUM	NODDING MANDARIN	S	G3G4/S3?
Eastern	Pike	VASCULAR PLANTS	CHRYSOSPHELIUM AMERICANUM	AMERICAN GOLDEN-SAXIFRAGE	E	G5/S1

Eastern	Pike	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Eastern	Pike	VASCULAR PLANTS	BOYKINIA ACONITIFOLIA	BROOK SAXIFRAGE	T	G4/S2
Eastern	Pike	VASCULAR PLANTS	TRILLIUM UNDULATUM	PAINTED TRILLIUM	T	G5/S2
Eastern	Pike	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Eastern	Pike	VASCULAR PLANTS	AGRIMONIA GRYPOSEPALA	TALL HAIRY GROOVEBUR	T	G5/S1S2
Eastern	Pike	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Eastern	Pike	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Eastern	Whitley	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Eastern	Whitley	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Eastern	Whitley	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Eastern	Whitley	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Eastern	Whitley	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Eastern	Whitley	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Eastern	Whitley	BIVALVES	ALASMIDONTA ATROPURPUREA	CUMBERLAND ELKTOE	E/LE	G1G2/S1
Eastern	Whitley	BIVALVES	PTYCHOBANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Eastern	Whitley	BIVALVES	ANODONTOIDES DENIGRATUS	CUMBERLAND PAPERSHELL	E	G1/S1
Eastern	Whitley	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Eastern	Whitley	BIVALVES	EPIOBLASMA CAPSAEFORMIS	OYSTER MUSSEL	E/LE	G1/S1
Eastern	Whitley	CRUSTACEANS	CAMBARUS PARVOCULUS	A CRAYFISH	E	G4/S1
Eastern	Whitley	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Eastern	Whitley	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Eastern	Whitley	FISHES	ETHEOSTOMA NIGRUM SUSANAE	JOHNNY DARTER	E/C	G2/S1
Eastern	Whitley	GASTROPODS	FUMONELIX WETHERBYI	CLIFTY COVERT	S	G7/S2
Eastern	Whitley	INSECTS	POLYGONIA FAUNUS	GREEN COMMA	H	G5/SH
Eastern	Whitley	INSECTS	POLYGONIA PROGNE	GRAY COMMA	H	G5/SH
Eastern	Whitley	INSECTS	MANOPHYLAX BUTLERI	A LIMNEPHILID CADDISFLY	S	G2/S2
Eastern	Whitley	INSECTS	LYTROSIS PERMAGNARIA	A GEOMETRID MOTH	E	G3G4/S1
Eastern	Whitley	INSECTS	AMPHIAGRION SAUCIUM	EASTERN RED DAMSEL	N	G5/S1
Eastern	Whitley	INSECTS	SPEYERIA IDALIA	REGAL FRITILLARY	H	G3/SH
Eastern	Whitley	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Eastern	Whitley	INSECTS	PSEUDANOPHTHALMUS CALCAREUS	LIMESTONE CAVE BEETLE	T	G1G2/S1
Eastern	Whitley	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Eastern	Whitley	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Eastern	Whitley	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Eastern	Whitley	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Eastern	Whitley	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Eastern	Whitley	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Eastern	Whitley	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Eastern	Whitley	PALUSTRINE COMMUNITIES	RIPARIAN FOREST		N	S5
Eastern	Whitley	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Eastern	Whitley	REPTILES	OPHISAURUS ATTENUATUS LONGICAUDUS	EASTERN SLENDER GLASS LIZARD	T	G5T5/S2
Eastern	Whitley	REPTILES	LAMPROPELTIS TRIANGULUM ELAPSOIDES	SCARLET KINGSSNAKE	S	G5T5/S3
Eastern	Whitley	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Eastern	Whitley	RIVERINE COMMUNITIES	CUMBERLAND PLATEAU GRAVEL/COBBLE BAR		N	S2
Eastern	Whitley	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Eastern	Whitley	TERRESTRIAL COMMUNITIES	APPALACHIAN PINE-OAK FOREST		N	S5

Eastern	Whitley	TERRESTRIAL COMMUNITIES	XEROHYDRIC FLATWOODS		N	S1
Eastern	Whitley	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Eastern	Whitley	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Eastern	Whitley	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Eastern	Whitley	VASCULAR PLANTS	HOUSTONIA SERPYLLIFOLIA	MICHAUX'S BLUETS	E	G47/S1
Eastern	Whitley	VASCULAR PLANTS	SOLIDAGO GRACILLIMA	SOUTHERN BOG GOLDENROD	S	G47/S2?
Eastern	Whitley	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Eastern	Whitley	VASCULAR PLANTS	SCLERIA CILIATA VAR CILIATA	FRINGED NUTRUSH	E	G57/S1?
Eastern	Whitley	VASCULAR PLANTS	SABATIA CAMPANULATA	SLENDER MARSH PINK	E	G5/S1
Eastern	Whitley	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G57/S3
Eastern	Whitley	VASCULAR PLANTS	EUPATORIUM SEMISERRATUM	SMALL-FLOWER THOROUGHWORT	E	G5/S1?
Eastern	Whitley	VASCULAR PLANTS	RHYNCHOSIA TOMENTOSA	HAIRY SNOUTBEAN	E	G5/S1
Eastern	Whitley	VASCULAR PLANTS	GRATIOLA PILOSA	SHAGGY HEDGE HYSSOP	T	G57/S2
Eastern	Whitley	VASCULAR PLANTS	PLATANThERA INTEGRILABIA	WHITE FRINGELESS ORCHID	T/C	G2G3/S1S2
Eastern	Whitley	VASCULAR PLANTS	GRATIOLA VISCIDULA	SHORT'S HEDGEHYSSOP	S	G4G5/S3
Eastern	Whitley	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Eastern	Whitley	VASCULAR PLANTS	HEXASTYLIS CONTRACTA	SOUTHERN HEARTLEAF	E	G3/S1
Eastern	Whitley	VASCULAR PLANTS	BAPTISIA TINCTORIA	YELLOW WILD INDIGO	T	G5/S1S2
Eastern	Whitley	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Eastern	Whitley	VASCULAR PLANTS	LATHYRUS PALUSTRIS	VETCHLING PEAVINE	T	G5/S2
Eastern	Whitley	VASCULAR PLANTS	LATHYRUS VENOSUS	SMOOTH VEINY PEAVINE	S	G5/S2S3
Eastern	Whitley	VASCULAR PLANTS	LEIOPHYLLUM BUXIFOLIUM	SAND-MYRTLE	H	G4/SH
Eastern	Whitley	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Eastern	Whitley	VASCULAR PLANTS	LOBELIA NUTTALLII	NUTTALL'S LOBELIA	T	G4G5/S2
Eastern	Whitley	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G57/S3
Eastern	Whitley	VASCULAR PLANTS	POLYGALA CRUCIATA	CROSSLEAF MILKWORT	E	G5/S1
Eastern	Whitley	VASCULAR PLANTS	ORONTIUM AQUATICUM	GOLDEN CLUB	T	G5/S2
Eastern	Whitley	VASCULAR PLANTS	CORYDALIS SEMPERVIRENS	ROCK HARLEQUIN	S	G4G5/S3?
Eastern	Whitley	VASCULAR PLANTS	GYMNOPOGON AMBIGUUS	BEARDED SKELETONGRASS	S	G4/S2S3
Eastern	Whitley	VASCULAR PLANTS	ASTER RADULA	ROUGH-LEAVED ASTER	E	G5/S1?
Eastern	Whitley	VASCULAR PLANTS	TEPHROSIA SPICATA	SPIKED HOARY-PEA	E	G4G5/S1S2
Eastern	Whitley	VASCULAR PLANTS	AGALINIS OBTUSIFOLIA	TEN-LOBE FALSE FOXGLOVE	E	G4G5Q/S1
Eastern	Whitley	VASCULAR PLANTS	AGERATINA LUCIAE-BRAUNIAE	LUCY BRAUN'S WHITE SNAKEROOT	S	G3/S3
Eastern	Whitley	VASCULAR PLANTS	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED	S	G5/S3
Eastern	Whitley	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Eastern	Whitley	VASCULAR PLANTS	PLATANThERA CRISTATA	YELLOW-CRESTED ORCHID	T	G5/S1S2
Eastern	Whitley	VASCULAR PLANTS	COREOPSIS PUBESCENS	STAR TICKSEED	S	G57/S2S3

Eastern	Whitley	VASCULAR PLANTS	SPIRAEA VIRGINIANA	VIRGINIA SPIRAEA	T/LT	G2/S2
Eastern	Whitley	VASCULAR PLANTS	ASTER CONCOLOR	EASTERN SILVERY ASTER	T	G47/S2
Eastern	Whitley	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Eastern	Whitley	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Eastern	Whitley	VASCULAR PLANTS	COLLINSONIA VERTICILLATA	WHORLED HORSE-BALM	E	G3/S1?
Eastern	Whitley	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Eastern	Whitley	VASCULAR PLANTS	CALYCANTHUS FLORIDUS VAR GLAUCUS	EASTERN SWEETSHRUB	T	G5T5/S2
Eastern	Whitley	VASCULAR PLANTS	CHRYSOSPLENIUM AMERICANUM	AMERICAN GOLDEN-SAXIFRAGE	E	G5/S1
Eastern	Whitley	VASCULAR PLANTS	SOLIDAGO SIMPLEX SSP RANDII	RAND'S GOLDENROD	S	G5T5?/S3
Eastern	Whitley	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Northern	Anderson	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Anderson	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Anderson	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Anderson	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Anderson	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Anderson	VASCULAR PLANTS	VIBURNUM MOLLE	SOFTLEAF ARROW-WOOD	T	G5/S3?
Northern	Anderson	VASCULAR PLANTS	STELLARIA FONTINALIS	WATER STITCHWORT	T	G3/S2
Northern	Anderson	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Anderson	VASCULAR PLANTS	LONICERA RETICULATA	GRAPE HONEYSUCKLE	E	G5/S1
Northern	Anderson	VASCULAR PLANTS	MUHLENBERGIA CUSPIDATA	PLAINS MUHLY	T	G4/S2
Northern	Bath	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Bath	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Bath	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Bath	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Bath	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Northern	Bath	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Bath	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Bath	BIVALVES	SIMPSONIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Bath	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Bath	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Bath	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Bath	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Northern	Bath	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Bath	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Northern	Bath	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Northern	Bath	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Bath	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Northern	Bath	FISHES	PERCOPSIS OMISCOMAYCUS	TROUT-PERCH	S	G5/S3
Northern	Bath	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Northern	Bath	INSECTS	HABROPHLEBIODES CELETERIA		H	G2/SH
Northern	Bath	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Northern	Bath	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Bath	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3

Northern	Bath	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Northern	Bath	PALUSTRINE COMMUNITIES	APPALACHIAN ACID SEEP		N	S2
Northern	Bath	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Northern	Bath	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Northern	Bath	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G57/S3
Northern	Bath	VASCULAR PLANTS	CAREX SEORSA	WEAK STELLATE SEDGE	S	G4/S2S3
Northern	Bath	VASCULAR PLANTS	POA SALTUENSIS	DROOPING BLUEGRASS	E	G5/S1S2
Northern	Bath	VASCULAR PLANTS	DICHANTHELIUM BOREALE	NORTHERN WITCHGRASS	S	G5/S2S3
Northern	Bath	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Bath	VASCULAR PLANTS	POTAMOGETON PULCHER	SPOTTED PONDWEED	T	G5/S1S2
Northern	Bath	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Northern	Bath	VASCULAR PLANTS	PRENANTHES ALBA	WHITE RATTLESNAKE-ROOT	E	G5/S1
Northern	Bath	VASCULAR PLANTS	ERIOPHORUM VIRGINICUM	TAWNY COTTON-GRASS	E	G5/S1?
Northern	Bath	VASCULAR PLANTS	CAREX JUNIPERORUM	CEDAR SEDGE	E	G2/S1S2
Northern	Bath	VASCULAR PLANTS	CAREX APPALACHICA	APPALACHIAN SEDGE	T	G4/S2?
Northern	Bath	VASCULAR PLANTS	RANUNCULUS AMBIGENS	WATERPLANTAIN SPEARWORT	S	G4/S3
Northern	Bath	VASCULAR PLANTS	SABATIA CAMPANULATA	SLENDER MARSH PINK	E	G5/S1
Northern	Bath	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Northern	Bath	VASCULAR PLANTS	XYRIS DIFFORMIS	CAROLINA YELLOW-EYED-GRASS	E	G5/S1?
Northern	Bath	VASCULAR PLANTS	LESPEDEZA CAPITATA	ROUND-HEAD BUSH-CLOVER	S	G5/S3
Northern	Bath	VASCULAR PLANTS	GRATIOLA VISCIDULA	SHORT'S HEDGEHYSSOP	S	G4G5/S3
Northern	Bath	VASCULAR PLANTS	CALAMAGROSTIS PORTERI SSP PORTERI	PORTER'S REEDGRASS	T	G4T4/S2S3
Northern	Bracken	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Bracken	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Northern	Bracken	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Bracken	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Bracken	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Bracken	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Bracken	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Northern	Bracken	FISHES	ATRACTOSTEUS SPATULA	ALLIGATOR GAR	E	G3G4/S1
Northern	Bracken	VASCULAR PLANTS	SCIRPUS MICROCARPUS	SMALL-FRUIT BULRUSH	E	G5/S1
Northern	Bracken	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Northern	Bracken	VASCULAR PLANTS	SIDA HERMAPHRODITA	VIRGINIA MALLOW	S	G2/S2S3
Northern	Bracken	VASCULAR PLANTS	HETERANTHERA DUBIA	GRASSLEAF MUD-PLANTAIN	S	G5/S3
Northern	Bracken	VASCULAR PLANTS	SPARGANIUM EURYCARPUM	LARGE BUR-REED	E	G5/S1?
Northern	Campbell	AMPHIBIANS	PLETHODON CINEREUS	REDBACK SALAMANDER	S	G5/S3
Northern	Campbell	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Campbell	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Campbell	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Campbell	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,SZN

Northern	Campbell	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Northern	Campbell	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Campbell	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Northern	Campbell	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Campbell	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Campbell	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Northern	Campbell	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Northern	Campbell	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Campbell	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Campbell	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Campbell	FISHES	PERCOPSIS OMISCOMAYCUS	TROUT-PERCH	S	G5/S3
Northern	Campbell	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Northern	Campbell	FISHES	ATRACTOSTEUS SPATULA	ALLIGATOR GAR	E	G3G4/S1
Northern	Campbell	FISHES	NOTROPIS HUDSONIUS	SPOTTAIL SHINER	S	G5/SU
Northern	Campbell	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Northern	Campbell	REPTILES	CLONOPHIS KIRTLANDII	KIRTLAND'S SNAKE	T	G2/S2
Northern	Campbell	VASCULAR PLANTS	OENOTHERA TRILOBA	STEMLESS EVENING-PRIMROSE	T	G4/S1S2
Northern	Campbell	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Northern	Campbell	VASCULAR PLANTS	SIDA HERMAPHRODITA	VIRGINIA MALLOW	S	G2/S2S3
Northern	Campbell	VASCULAR PLANTS	EUPATORIUM MACULATUM	SPOTTED JOE-PYE WEED	H	G5/SH
Northern	Carroll	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Carroll	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Carroll	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Northern	Carroll	BIRDS	IXOBRYCHUS EXILIS	LEAST BITTERN	T	G5/S1S2B
Northern	Carroll	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Carroll	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Northern	Carroll	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Carroll	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Carroll	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Northern	Carroll	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Northern	Carroll	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Northern	Carroll	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Northern	Carter	AMPHIBIANS	PLETHODON CINEREUS	REDBACK SALAMANDER	S	G5/S3
Northern	Carter	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Carter	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Carter	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Carter	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Carter	BIVALVES	LASMIGONA COMPRESSA	CREEK HEELSPLITTER	E	G5/S1
Northern	Carter	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Carter	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Northern	Carter	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Carter	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Northern	Carter	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Northern	Carter	FISHES	PERCOPSIS OMISCOMAYCUS	TROUT-PERCH	S	G5/S3
Northern	Carter	GASTROPODS	GLYPHALINIA RADERI	MARYLAND GLYPH	S	G2/S1
Northern	Carter	INSECTS	CALOPTERYX DIMIDIATA	SPARKLING JEWELWING	N	G5/SH
Northern	Carter	INSECTS	MANOPHYLAX BUTLERI	A LIMNEPHILID CADDISFLY	S	G2/S2
Northern	Carter	INSECTS	OPHIOMPHUS HOWEI	PYGMY SNAKETAIL	S	G3/S1S2
Northern	Carter	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3

Northern	Carter	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Carter	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Carter	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Carter	OTHER TYPES	HESPERONEMASTOMA INOPS		S	G1G2/S1S2
Northern	Carter	OTHER TYPES	PSEUDOTREMIA CARTERENSIS		S	G1G2/S1S2
Northern	Carter	TERRESTRIAL COMMUNITIES	PINE SAVANNA-WOODLAND		N	S1
Northern	Carter	TERRESTRIAL COMMUNITIES	VIRGINIA PINE FOREST		N	S5
Northern	Carter	VASCULAR PLANTS	THASPIUM PINNATIFIDUM	CUTLEAF MEADOW-PARSNIP	T	G2G3/S2S3
Northern	Carter	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Northern	Carter	VASCULAR PLANTS	LATHYRUS PALUSTRIS	VETCHLING PEAVINE	T	G5/S2
Northern	Carter	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Northern	Carter	VASCULAR PLANTS	LONICERA DIOICA VAR ORIENTALIS	WILD HONEYSUCKLE	H	G5?Q/SH
Northern	Carter	VASCULAR PLANTS	MAIANTHEMUM STELLATUM	STARFLOWER FALSE SOLOMON'S-SEAL	E	G5/S1
Northern	Carter	VASCULAR PLANTS	VIOLA WALTERI	WALTER'S VIOLET	T	G4G5/S2
Northern	Carter	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2
Northern	Carter	VASCULAR PLANTS	TAXUS CANADENSIS	CANADIAN YEW	T	G5/S2S3
Northern	Carter	VASCULAR PLANTS	TOXICODENDRON VERNIX	POISON SUMAC	E	G5/S1
Northern	Carter	VASCULAR PLANTS	NAJAS GRACILLIMA	THREAD-LIKE NAIAD	S	G5?/S2S3
Northern	Carter	VASCULAR PLANTS	ERYTHRONIUM ROSTRATUM	YELLOW TROUTLILY	S	G5/S2S3
Northern	Carter	VASCULAR PLANTS	SPIRANTHES OCHROLEUCA	YELLOW NODDING LADIES'-TRESSES	S	G4/S3?
Northern	Carter	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Northern	Carter	VASCULAR PLANTS	CAREX RUGOSPERMA	UMBEL-LIKE SEDGE	T	G5/S2?
Northern	Carter	VASCULAR PLANTS	CASTILLEJA COCCINEA	SCARLET INDIAN PAINTBRUSH	E	G5/S1
Northern	Carter	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Northern	Carter	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Carter	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Northern	Carter	VASCULAR PLANTS	ACER SPICATUM	MOUNTAIN MAPLE	E	G5/S1S2
Northern	Clark	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Clark	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Clark	BIRDS	DOLICHONYX ORYZIVORUS	BOBOLINK	S	G5/S2S3B
Northern	Clark	BIRDS	NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	T	G5/S1S2B
Northern	Clark	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Clark	CRUSTACEANS	CAMBARUS VETERANUS	A CRAYFISH	S	G3G4/S1
Northern	Clark	INSECTS	SPEYERIA IDALIA	REGAL FRITILLARY	H	G3/SH
Northern	Clark	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Clark	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Clark	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Northern	Clark	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Northern	Clark	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Northern	Clark	VASCULAR PLANTS	RUBUS WHARTONIAE	WHARTON'S DEWBERRY	T	G2Q/S2
Northern	Clark	VASCULAR PLANTS	SALIX AMYGDALOIDES	PEACH-LEAVED WILLOW	H	G5/SH

Northern	Clark	VASCULAR PLANTS	SCHIZACHNE PURPURASCENS	PURPLE OAT	T	G5/S2
Northern	Clark	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Northern	Clark	VASCULAR PLANTS	STELLARIA FONTINALIS	WATER STITCHWORT	T	G3/S2
Northern	Clark	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3
Northern	Clark	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Northern	Clark	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Clark	VASCULAR PLANTS	TRIFOLIUM STOLONIFERUM	RUNNING BUFFALO CLOVER	T/LE	G3/S2S3
Northern	Clark	VASCULAR PLANTS	VIOLA WALTERI	WALTER'S VIOLET	T	G4G5/S2
Northern	Clark	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Northern	Elliott	BIRDS	EMPIDONAX MINIMUS	LEAST FLYCATCHER	E	G5/S1B
Northern	Elliott	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Elliott	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Elliott	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Elliott	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Elliott	BIVALVES	LASMIGONA COMPRESSA	CREEK HEELSPLITTER	E	G5/S1
Northern	Elliott	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Northern	Elliott	FISHES	PERCOPSIS OMISCOMAYCUS	TROUT-PERCH	S	G5/S3
Northern	Elliott	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Elliott	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Northern	Elliott	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Elliott	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Elliott	NONVASCULAR PLANTS	POLYTRICHUM PALLIDISETUM	A HAIR CAP MOSS	T	G4/S2?
Northern	Elliott	NONVASCULAR PLANTS	CIRRIPHILLUM PILIFERUM		T	G5/S2?
Northern	Elliott	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Northern	Elliott	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Northern	Elliott	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Northern	Elliott	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Northern	Elliott	VASCULAR PLANTS	JUNCUS ARTICULATUS	JOINTED RUSH	S	G5/S2S3
Northern	Elliott	VASCULAR PLANTS	HYDROCOTYLE AMERICANA	AMERICAN WATER-PENNYWORT	E	G5/S1
Northern	Elliott	VASCULAR PLANTS	ERYTHRONIUM ROSTRATUM	YELLOW TROUTLILY	S	G5/S2S3
Northern	Elliott	VASCULAR PLANTS	ELEOCHARIS OLIVACEA	BRIGHT GREEN SPIKERUSH	S	G5/S1?
Northern	Elliott	VASCULAR PLANTS	CIRCAEA ALPINA	SMALL ENCHANTER'S NIGHTSHADE	S	G5/S3
Northern	Elliott	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Elliott	VASCULAR PLANTS	ACER SPICATUM	MOUNTAIN MAPLE	E	G5/S1S2
Northern	Estill	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Estill	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Estill	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Estill	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Northern	Estill	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Estill	CRUSTACEANS	CAMBARUS VETERANUS	A CRAYFISH	S	G3G4/S1
Northern	Estill	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Northern	Estill	INSECTS	PSEUDANOPHTHALMUS EXOTICUS	EXOTIC CAVE BEETLE	H	G1G2/SH
Northern	Estill	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3



Northern	Estill	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Estill	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Estill	MAMMALS	CORYNORHINUS TOWNSENDII VIRGINIANUS	VIRGINIA BIG-EARED BAT	E/LE	G4T2/S1
Northern	Estill	NONVASCULAR PLANTS	TORTULA NORVEGICA	TORTULA	E	G5/S1?
Northern	Estill	NONVASCULAR PLANTS	ABIETINELLA ABIETINA		T	G4G5/S2?
Northern	Estill	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Northern	Estill	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Northern	Estill	TERRESTRIAL COMMUNITIES	CALCAREOUS SUB-XERIC FOREST		N	S5
Northern	Estill	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Northern	Estill	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Northern	Estill	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Northern	Estill	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILD RYE	S	G2G3/S3
Northern	Estill	VASCULAR PLANTS	GRATIOLA VISCIDULA	SHORT'S HEDGEHYSSOP	S	G4G5/S3
Northern	Estill	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Northern	Estill	VASCULAR PLANTS	JUNCUS ARTICULATUS	JOINTED RUSH	S	G5/S2S3
Northern	Estill	VASCULAR PLANTS	LATHYRUS VENOSUS	SMOOTH VEINY PEAVINE	S	G5/S2S3
Northern	Estill	VASCULAR PLANTS	MUHLENBERGIA CUSPIDATA	PLAINS MUHLY	T	G4/S2
Northern	Estill	VASCULAR PLANTS	VIBURNUM RAFINESQUIANUM VAR RAFINESQUIANUM	DOWNY ARROWWOOD	T	G5T4T5/S2?
Northern	Estill	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Northern	Estill	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2
Northern	Estill	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Northern	Estill	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Northern	Estill	VASCULAR PLANTS	SYMPHORICARPOS ALBUS	SNOWBERRY	E	G5/S1
Northern	Estill	VASCULAR PLANTS	THASPIUM PINNATIFIDUM	CUTLEAF MEADOW-PARSNIP	T	G2G3/S2S3
Northern	Estill	VASCULAR PLANTS	POA SALTUENSIS	DROOPING BLUEGRASS	E	G5/S1S2
Northern	Estill	VASCULAR PLANTS	DICHANTHELIUM BOREALE	NORTHERN WITCHGRASS	S	G5/S2S3
Northern	Estill	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Estill	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Northern	Estill	VASCULAR PLANTS	PRENANTHES ALBA	WHITE RATTLESNAKE-ROOT	E	G5/S1
Northern	Estill	VASCULAR PLANTS	BOUTELOUA CURTIPENDULA	SIDE-OATS GRAMA	S	G5/S3?
Northern	Estill	VASCULAR PLANTS	CALAMAGROSTIS PORTERI SSP INSUPERATA	REED BENT GRASS	E	G4T3/S1S2
Northern	Fayette	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Fayette	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Fayette	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Fayette	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Fayette	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Fayette	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Northern	Fayette	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Northern	Fayette	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Northern	Fayette	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Northern	Fayette	BIRDS	DOLICHONYX ORYZIVORUS	BOBOLINK	S	G5/S2S3B

Northern	Fayette	INSECTS	NICROPHORUS AMERICANUS	AMERICAN BURYING BEETLE	H/LE	G2G3/SH
Northern	Fayette	INSECTS	NEHALENNIA IRENE	SEDGE SPRITE	N	G5/S1
Northern	Fayette	INSECTS	PSEUDANOPHTHALMUS HORNI HORNI	GARMAN'S CAVE BEETLE	S	G3T3/S2S3
Northern	Fayette	INSECTS	SATYRIUM FAVONIUS ONTARIO	NORTHERN HAIRSTREAK	S	G4T4/S1
Northern	Fayette	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Fayette	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Fayette	VASCULAR PLANTS	OENOTHERA TRILOBA	STEMLESS EVENING-PRIMROSE	T	G4/S1S2
Northern	Fayette	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP HISPIDISSIMUM	HAIRY FALSE GROMWELL	E	G4G5T4/S1
Northern	Fayette	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Fayette	VASCULAR PLANTS	PRENANTHES CREPIDINEA	NODDING RATTLESNAKE-ROOT	T	G3G4/S2
Northern	Fayette	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2
Northern	Fayette	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Northern	Fayette	VASCULAR PLANTS	STELLARIA FONTINALIS	WATER STITCHWORT	T	G3/S2
Northern	Fayette	VASCULAR PLANTS	VIBURNUM MOLLE	SOFTLEAF ARROW-WOOD	T	G5/S3?
Northern	Fayette	VASCULAR PLANTS	VIOLA WALTERI	WALTER'S VIOLET	T	G4G5/S2
Northern	Fayette	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Northern	Fayette	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Northern	Fayette	VASCULAR PLANTS	TRIFOLIUM STOLONIFERUM	RUNNING BUFFALO CLOVER	T/LE	G3/S2S3
Northern	Fayette	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Northern	Fayette	VASCULAR PLANTS	LONICERA RETICULATA	GRAPE HONEYSUCKLE	E	G5/S1
Northern	Fayette	VASCULAR PLANTS	BOUPELLOUA CURTIPENDULA	SIDE-OATS GRAMA	S	G5/S3?
Northern	Fayette	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILD RYE	S	G2G3/S3
Northern	Fayette	VASCULAR PLANTS	DESCHAMPSIA FLEXUOSA	CRINKLED HAIRGRASS	T	G5/S2
Northern	Fayette	VASCULAR PLANTS	ANEMONE CANADENSIS	CANADA ANEMONE	H	G5/SH
Northern	Fayette	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Fayette	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Northern	Fleming	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Fleming	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,SZN
Northern	Fleming	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Fleming	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Northern	Fleming	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Northern	Fleming	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Fleming	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Fleming	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Northern	Fleming	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Fleming	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Northern	Fleming	INSECTS	DRYOBIVUS SEXNOTATUS	SIXBANDED LONGHORN BEETLE	T	G7/S1
Northern	Fleming	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Northern	Fleming	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Northern	Fleming	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Fleming	VASCULAR PLANTS	SOLIDAGO SHORTII	SHORT'S GOLDENROD	E/LE	G1/S1

Northern	Franklin	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Franklin	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Franklin	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Franklin	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Franklin	BIRDS	ACTITIS MACULARIA	SPOTTED SANDPIPER	E	G5/S1B
Northern	Franklin	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B ,S2S3N
Northern	Franklin	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Franklin	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Franklin	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Northern	Franklin	BIRDS	GALLINULA CHLOROPUS	COMMON MOORHEN	T	G5/S1S2B
Northern	Franklin	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Northern	Franklin	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Franklin	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Franklin	FISHES	NOCOMIS BIGUTTATUS	HORNHEAD CHUB	S	G5/SU
Northern	Franklin	INSECTS	DRYOBIVS SEXNOTATUS	SIXBANDED LONGHORN BEETLE	T	G7/S1
Northern	Franklin	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Franklin	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Franklin	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Northern	Franklin	VASCULAR PLANTS	ARABIS PERSTELLATA	BRAUN'S ROCKCRESS	T/LE	G2/S2
Northern	Franklin	VASCULAR PLANTS	LONICERA RETICULATA	GRAPE HONEYSUCKLE	E	G5/S1
Northern	Franklin	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Franklin	VASCULAR PLANTS	PHILADELPHUS INODORUS	MOCK ORANGE	T	G4G5/S1S 2
Northern	Franklin	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Franklin	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP OCCIDENTALE	WESTERN FALSE GROMWELL	E	G4G5T4?/ S1
Northern	Franklin	VASCULAR PLANTS	PERIDERIDIA AMERICANA	EASTERN EULOPHUS	T	G4/S2
Northern	Franklin	VASCULAR PLANTS	MELANTHIUM WOODII	WOOD BUNCHFLOWER	T	G5/S2
Northern	Franklin	VASCULAR PLANTS	OENOTHERA TRILOBA	STEMLESS EVENING-PRIMROSE	T	G4/S1S2
Northern	Franklin	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Northern	Franklin	VASCULAR PLANTS	STELLARIA FONTINALIS	WATER STITCHWORT	T	G3/S2
Northern	Franklin	VASCULAR PLANTS	VIBURNUM MOLLE	SOFTLEAF ARROW-WOOD	T	G5/S3?
Northern	Franklin	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP HISPIDISSIMUM	HAIRY FALSE GROMWELL	E	G4G5T4/S 1
Northern	Gallatin	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Gallatin	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Gallatin	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Gallatin	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Gallatin	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Gallatin	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Gallatin	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Northern	Gallatin	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Gallatin	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Northern	Gallatin	PALUSTRINE COMMUNITIES	RIPARIAN FOREST		N	S5
Northern	Gallatin	VASCULAR PLANTS	SIDA HERMAPHRODITA	VIRGINIA MALLOW	S	G2/S2S3
Northern	Garrard	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B

Northern	Garrard	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Garrard	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Garrard	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Garrard	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Garrard	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Garrard	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Garrard	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Northern	Garrard	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Garrard	VASCULAR PLANTS	VIBURNUM MOLLE	SOFTLEAF ARROW-WOOD	T	G5/S3?
Northern	Garrard	VASCULAR PLANTS	VIOLA SEPTEMLOBA VAR EGGLESTONII	EGGLESTON'S VIOLET	S	G4/S3
Northern	Garrard	VASCULAR PLANTS	SCHIZACHNE PURPURASCENS	PURPLE OAT	T	G5/S2
Northern	Garrard	VASCULAR PLANTS	PHLOX BIFIDA SSP STELLARIA	CLEFT PHLOX	T	G5?T3/S2
Northern	Garrard	VASCULAR PLANTS	MUHLENBERGIA CUSPIDATA	PLAINS MUHLY	T	G4/S2
Northern	Garrard	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Garrard	VASCULAR PLANTS	AGRIMONIA GRYPOSEPALA	TALL HAIRY GROOVEBUR	T	G5/S1S2
Northern	Garrard	VASCULAR PLANTS	DESCHAMPSIA CESPITOSA SSP GLAUCA	TUFTED HAIRGRASS	E	G5T5/S1S 2
Northern	Grant	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Grant	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Grant	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Grant	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Grant	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Grant	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Grant	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Grant	TERRESTRIAL COMMUNITIES	DEEP SOIL MESOPHYTIC FOREST		N	S5
Northern	Grant	VASCULAR PLANTS	PHILADELPHUS INODORUS	MOCK ORANGE	T	G4G5/S1S 2
Northern	Harrison	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Harrison	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Harrison	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Harrison	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Harrison	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Harrison	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Harrison	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Harrison	BIRDS	DOLICHONYX ORYZIVORUS	BOBOLINK	S	G5/S2S3B
Northern	Harrison	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Harrison	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Harrison	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Harrison	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Harrison	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Northern	Harrison	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Northern	Harrison	INSECTS	PSEUDANOPHTHALMUS DESERTUS MAJOR	BEAVER CAVE BEETLE	T	G3T1T2/S 1
Northern	Harrison	INSECTS	NEHALENNIA IRENE	SEDGE SPRITE	N	G5/S1
Northern	Harrison	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Northern	Harrison	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Harrison	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Harrison	TERRESTRIAL COMMUNITIES	BLUEGRASS SAVANNA-WOODLAND		N	S1

Northern	Harrison	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Northern	Harrison	VASCULAR PLANTS	TRIFOLIUM STOLONIFERUM	RUNNING BUFFALO CLOVER	T/LE	G3/S2S3
Northern	Henry	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Henry	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Henry	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Henry	BIRDS	DOLICHONYX ORYZIVORUS	BOBOLINK	S	G5/S2S3B
Northern	Henry	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Henry	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Northern	Henry	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B _S2S3N
Northern	Henry	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Henry	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Henry	BIVALVES	SIMPSONIAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Henry	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Henry	FISHES	LOTA LOTA	BURBOT	S	G5/SU
Northern	Henry	INSECTS	NICROPHORUS AMERICANUS	AMERICAN BURYING BEETLE	H/LE	G2G3/SH
Northern	Henry	INSECTS	PSEUDANOPHTHALMUS TENEBROSUS	STEVENS CREEK CAVE BEETLE	T	G1G2/S2
Northern	Henry	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Northern	Henry	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Henry	VASCULAR PLANTS	AESCULUS PAVIA	RED BUCKEYE	T	G5/S2S3
Northern	Henry	VASCULAR PLANTS	SALIX DISCOLOR	PUSSY WILLOW	H	G5/SH
Northern	Henry	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP HISPIDISSIMUM	HAIRY FALSE GROMWELL	E	G4G5T4/S 1
Northern	Henry	VASCULAR PLANTS	ARABIS PERSTELLATA	BRAUN'S ROCKCRESS	T/LE	G2/S2
Northern	Henry	VASCULAR PLANTS	MELANTHIUM WOODII	WOOD BUNCHFLOWER	T	G5/S2
Northern	Jessamine	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Jessamine	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Jessamine	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Jessamine	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Jessamine	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Northern	Jessamine	BIRDS	DOLICHONYX ORYZIVORUS	BOBOLINK	S	G5/S2S3B
Northern	Jessamine	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B _S2S3N
Northern	Jessamine	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Jessamine	INSECTS	PSEUDANOPHTHALMUS HORNII ABDITUS	CONCEALED CAVE BEETLE	T	G3T3/S2
Northern	Jessamine	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Jessamine	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Jessamine	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Northern	Jessamine	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Jessamine	TERRESTRIAL COMMUNITIES	CALCAREOUS SUB-XERIC FOREST		N	S5
Northern	Jessamine	VASCULAR PLANTS	VIOLA SEPTEMLIBA VAR EGGLESTONII	EGGLESTON'S VIOLET	S	G4/S3
Northern	Jessamine	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP MOLLE	SOFT FALSE GROMWELL	E	G4G5T3/S 1
Northern	Jessamine	VASCULAR PLANTS	PERIDERIDIA AMERICANA	EASTERN EULOPHUS	T	G4/S2
Northern	Jessamine	VASCULAR PLANTS	SCHIZACHNE PURPURASCENS	PURPLE OAT	T	G5/S2
Northern	Jessamine	VASCULAR PLANTS	STELLARIA FONTINALIS	WATER STITCHWORT	T	G3/S2
Northern	Jessamine	VASCULAR PLANTS	TRIFOLIUM STOLONIFERUM	RUNNING BUFFALO CLOVER	T/LE	G3/S2S3
Northern	Jessamine	VASCULAR PLANTS	TRILLIUM NIVALE	SNOW TRILLIUM	E	G4/S1

Northern	Jessamine	VASCULAR PLANTS	VIBURNUM RAFINESQUIANUM VAR RAFINESQUIANUM	DOWNY ARROWWOOD	T	G5T4T5/S2?
Northern	Jessamine	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP HISPIDISSIMUM	HAIRY FALSE GROMWELL	E	G4G5T4/S1
Northern	Jessamine	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2
Northern	Jessamine	VASCULAR PLANTS	VIOLA WALTERI	WALTER'S VIOLET	T	G4G5/S2
Northern	Jessamine	VASCULAR PLANTS	VIBURNUM MOLLE	SOFTLEAF ARROW-WOOD	T	G5/S3?
Northern	Jessamine	VASCULAR PLANTS	DESCHAMPSIA CESPITOSA SSP GLAUCA	TUFTED HAIRGRASS	E	G5T5/S1S2
Northern	Jessamine	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Northern	Jessamine	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Jessamine	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Jessamine	VASCULAR PLANTS	PHLOX BIFIDA SSP STELLARIA	CLEFT PHLOX	T	G5?T3/S2
Northern	Lee	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Northern	Lee	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Lee	INSECTS	DRYOBIOUS SEXNOTATUS	SIXBANDED LONGHORN BEETLE	T	G?/S1
Northern	Lee	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Lee	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Northern	Lee	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Lee	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Northern	Lee	MAMMALS	CORYNORHINUS TOWNSENDII VIRGINIANUS	VIRGINIA BIG-EARED BAT	E/LE	G4T2/S1
Northern	Lee	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Northern	Lee	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Lee	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Northern	Lee	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Northern	Lee	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Northern	Lee	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Northern	Lee	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Northern	Lee	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Northern	Lee	VASCULAR PLANTS	SCIRPUS VERECUNDUS	BASHFUL BULRUSH	E	G4G5/S1?
Northern	Lee	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Lee	VASCULAR PLANTS	JUNCUS ARTICULATUS	JOINTED RUSH	S	G5/S2S3
Northern	Lee	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Northern	Lee	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Northern	Lee	VASCULAR PLANTS	TAXUS CANADENSIS	CANADIAN YEW	T	G5/S2S3
Northern	Lee	VASCULAR PLANTS	TRILLIUM UNDULATUM	PAINTED TRILLIUM	T	G5/S2
Northern	Lewis	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Lewis	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Northern	Lewis	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Lewis	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Lewis	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Northern	Lewis	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Northern	Lewis	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Northern	Lewis	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1

Northern	Lewis	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Northern	Lewis	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Lewis	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Northern	Lewis	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Lewis	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Northern	Lewis	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Lewis	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Lewis	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Northern	Lewis	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Northern	Lewis	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Lewis	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Northern	Lewis	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Northern	Lewis	FISHES	PERCOPSIS OMISCOMAYCUS	TROUT-PERCH	S	G5/S3
Northern	Lewis	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Northern	Lewis	INSECTS	SATYRIUM FAVONIUS ONTARIO	NORTHERN HAIRSTREAK	S	G4T4/S1
Northern	Lewis	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Northern	Lewis	TERRESTRIAL COMMUNITIES	KNOBS SHALE BARRENS		N	S2S3
Northern	Lewis	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Northern	Lewis	VASCULAR PLANTS	CYPRIPEDIUM CANDIDUM	SMALL WHITE LADY'S-SLIPPER	E	G4/S1
Northern	Lewis	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Northern	Lewis	VASCULAR PLANTS	RANUNCULUS AMBIGENS	WATERPLANTAIN SPEARWORT	S	G4/S3
Northern	Lewis	VASCULAR PLANTS	LIATRIS CYLINDRACEA	SLENDER BLAZING-STAR	T	G5/S2S3
Northern	Lewis	VASCULAR PLANTS	MAIANTHEMUM STELLATUM	STARFLOWER FALSE SOLOMON'S-SEAL	E	G5/S1
Northern	Lewis	VASCULAR PLANTS	PYCNANTHEMUM ALBESCENS	WHITELEAF MOUNTAINMINT	E	G5/S1
Northern	Lewis	VASCULAR PLANTS	POA SALTUENSIS	DROOPING BLUEGRASS	E	G5/S1S2
Northern	Lewis	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Lewis	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Northern	Lewis	VASCULAR PLANTS	PRENANTHES ALBA	WHITE RATTLESNAKE-ROOT	E	G5/S1
Northern	Lewis	VASCULAR PLANTS	CAREX TETANICA	RIGID SEDGE	E	G4G5/S1?
Northern	Lewis	VASCULAR PLANTS	CAREX RUGOSPERMA	UMBEL-LIKE SEDGE	T	G5/S2?
Northern	Lewis	VASCULAR PLANTS	CAREX JUNIPERORUM	CEDAR SEDGE	E	G2/S1S2
Northern	Lewis	VASCULAR PLANTS	BOUPELLOUA CURTIPENDULA	SIDE-OATS GRAMA	S	G5/S3?
Northern	Lewis	VASCULAR PLANTS	CASTILLEJA COCCINEA	SCARLET INDIAN PAINTBRUSH	E	G5/S1
Northern	Lewis	VASCULAR PLANTS	SPIRAEA VIRGINIANA	VIRGINIA SPIRAEA	T/LT	G2/S2
Northern	Lewis	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Lewis	VASCULAR PLANTS	AGALINIS AURICULATA	EARLEAF FOXGLOVE	E	G3/S1
Northern	Lewis	VASCULAR PLANTS	ACONITUM UNCINATUM	BLUE MONKSHOOD	T	G4/S2
Northern	Madison	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Madison	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Madison	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Northern	Madison	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Madison	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Madison	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B

Northern	Madison	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Northern	Madison	INSECTS	PSEUDANOPHTHALMUS CATORYCTOS	LESSER ADAMS CAVE BEETLE	E	G1G2/S1
Northern	Madison	INSECTS	PSEUDANOPHTHALMUS PHOLETER	GREATER ADAMS CAVE BEETLE	E	G1G2/S1
Northern	Madison	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Madison	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Madison	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Northern	Madison	REPTILES	EUMECES ANTHRACINUS ANTHRACINUS	NORTHERN COAL SKINK	T	G5T5/S2
Northern	Madison	TERRESTRIAL COMMUNITIES	BLUEGRASS MESOPHYTIC CANE FOREST		N	S1
Northern	Madison	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Northern	Madison	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Northern	Madison	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Northern	Madison	VASCULAR PLANTS	RUBUS WHARTONIAE	WHARTON'S DEWBERRY	T	G2Q/S2
Northern	Madison	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Madison	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Northern	Madison	VASCULAR PLANTS	ELODEA NUTTALLII	WESTERN WATERWEED	H	G5/SH
Northern	Madison	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Northern	Madison	VASCULAR PLANTS	RANUNCULUS AMBIGENS	WATERPLANTAIN SPEARWORT	S	G4/S3
Northern	Madison	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Northern	Madison	VASCULAR PLANTS	SCIRPUS FLUVIATILIS	RIVER BULRUSH	E	G5/S1S2
Northern	Madison	VASCULAR PLANTS	TRIFOLIUM STOLONIFERUM	RUNNING BUFFALO CLOVER	T/LE	G3/S2S3
Northern	Madison	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Madison	VASCULAR PLANTS	VIBURNUM RAFINESQUIANUM VAR RAFINESQUIANUM	DOWNY ARROWWOOD	T	G5T4T5/S 2?
Northern	Madison	VASCULAR PLANTS	SYMPHORICARPOS ALBUS	SNOWBERRY	E	G5/S1
Northern	Menifee	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Menifee	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Menifee	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B ,S3S4N
Northern	Menifee	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Menifee	BIRDS	PODILYMBUS PODICEPS	PIED-BILLED GREBE	E	G5/S1B,S 4N
Northern	Menifee	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Northern	Menifee	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Menifee	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Menifee	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Northern	Menifee	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Northern	Menifee	INSECTS	ERORA LAETA	EARLY HAIRSTREAK	S	G3G4/S1
Northern	Menifee	INSECTS	DRYOBIUS SEXNOTATUS	SIXBANDED LONGHORN BEETLE	T	G?/S1
Northern	Menifee	INSECTS	MANOPHYLAX BUTLERI	A LIMNEPHILID CADDISFLY	S	G2/S2
Northern	Menifee	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Menifee	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Menifee	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Northern	Menifee	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Northern	Menifee	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Menifee	MAMMALS	CORYNORHINUS TOWNSENDII VIRGINIANUS	VIRGINIA BIG-EARED BAT	E/LE	G4T2/S1
Northern	Menifee	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Northern	Menifee	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3



Northern	Menifee	NONVASCULAR PLANTS	ONCOPHORUS RAUI		E	G3/S1?
Northern	Menifee	NONVASCULAR PLANTS	NECKERA PENNATA		T	G5/S2?
Northern	Menifee	NONVASCULAR PLANTS	HERZOGIELLA TURFACEA		E	G4G5/S1?
Northern	Menifee	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Northern	Menifee	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Northern	Menifee	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Northern	Menifee	VASCULAR PLANTS	THASPIUM PINNATIFIDUM	CUTLEAF MEADOW-PARSNIP	T	G2G3/S2S3
Northern	Menifee	VASCULAR PLANTS	MAIANTHEMUM CANADENSE	WILD LILY-OF-THE-VALLEY	T	G5/S2
Northern	Menifee	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Northern	Menifee	VASCULAR PLANTS	SAMBUCUS RACEMOSA SSP PUBENS	RED ELDERBERRY	E	G5T4T5/S1S2
Northern	Menifee	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Menifee	VASCULAR PLANTS	PLATANThERA PSYCODES	SMALL PURPLE-FRINGED ORCHID	E	G5/S1
Northern	Menifee	VASCULAR PLANTS	OENOTHERA PERENNIS	SMALL SUNDROPS	E	G5/S1S2
Northern	Menifee	VASCULAR PLANTS	JUNIPERUS COMMUNIS VAR DEPRESSA	GROUND JUNIPER	T	G5T5/S2
Northern	Menifee	VASCULAR PLANTS	DISPORUM MACULATUM	NODDING MANDARIN	S	G3G4/S3?
Northern	Menifee	VASCULAR PLANTS	MONOTROPSIS ODORATA	SWEET PINESAP	T	G3/S2
Northern	Menifee	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Northern	Menifee	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Northern	Menifee	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Northern	Menifee	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Menifee	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5T7/S3
Northern	Menifee	VASCULAR PLANTS	SCUTELLARIA ARGUTA	HAIRY SKULLCAP	T	G2?Q/S2?
Northern	Menifee	VASCULAR PLANTS	CIRCAEA ALPINA	SMALL ENCHANTER'S NIGHTSHADE	S	G5/S3
Northern	Menifee	VASCULAR PLANTS	CALAMAGROSTIS PORTERI SSP PORTERI	PORTER'S REEDGRASS	T	G4T4/S2S3
Northern	Menifee	VASCULAR PLANTS	SOLIDAGO ALBOPILOSA	WHITE-HAIRED GOLDENROD	T/LT	G2/S2
Northern	Menifee	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Northern	Menifee	VASCULAR PLANTS	ACONITUM UNCINATUM	BLUE MONKSHOOD	T	G4/S2
Northern	Menifee	VASCULAR PLANTS	ACER SPICATUM	MOUNTAIN MAPLE	E	G5/S1S2
Northern	Menifee	VASCULAR PLANTS	TAXUS CANADENSIS	CANADIAN YEW	T	G5/S2S3
Northern	Mercer	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Mercer	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Northern	Mercer	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,SZN
Northern	Mercer	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Mercer	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Mercer	BIRDS	DOLICHONYX ORYZIVORUS	BOBOLINK	S	G5/S2S3B
Northern	Mercer	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Northern	Mercer	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Mercer	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Northern	Mercer	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1

Northern	Mercer	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Mercer	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Northern	Mercer	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Mercer	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Northern	Mercer	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Mercer	INSECTS	CALLOPHRYS IRUS	FROSTED ELFIN	S	G3/S1
Northern	Mercer	INSECTS	PSEUDANOPHTHALMUS PUTEANUS	OLD WELL CAVE BEETLE	T	G1G2/S2
Northern	Mercer	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Northern	Mercer	TERRESTRIAL COMMUNITIES	BLUEGRASS SAVANNA-WOODLAND		N	S1
Northern	Mercer	VASCULAR PLANTS	ARABIS HIRSUTA VAR PYCNOCARPA	CREAMFLOWER ROCKCRESS	N	G5T5/S1?
Northern	Mercer	VASCULAR PLANTS	VIBURNUM MOLLE	SOFTLEAF ARROW-WOOD	T	G5/S3?
Northern	Mercer	VASCULAR PLANTS	TRILLIUM NIVALE	SNOW TRILLIUM	E	G4/S1
Northern	Mercer	VASCULAR PLANTS	STELLARIA FONTINALIS	WATER STITCHWORT	T	G3/S2
Northern	Mercer	VASCULAR PLANTS	SCHIZACHNE PURPURASCENS	PURPLE OAT	T	G5/S2
Northern	Mercer	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Mercer	VASCULAR PLANTS	PHLOX BIFIDA SSP STELLARIA	CLEFT PHLOX	T	G5?T3/S2
Northern	Mercer	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Mercer	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Northern	Nicholas	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Nicholas	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Nicholas	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Nicholas	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Nicholas	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Nicholas	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Nicholas	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Nicholas	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Nicholas	FISHES	LOTA LOTA	BURBOT	S	G5/SU
Northern	Nicholas	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Northern	Nicholas	VASCULAR PLANTS	GENTIANA FLAVIDA	YELLOW GENTIAN	E	G4/S1S2
Northern	Nicholas	VASCULAR PLANTS	SOLIDAGO SHORTII	SHORT'S GOLDENROD	E/LE	G1/S1
Northern	Owen	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Owen	AMPHIBIANS	PLETHODON CINEREUS	REDBACK SALAMANDER	S	G5/S3
Northern	Owen	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Owen	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Owen	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Owen	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Owen	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Northern	Owen	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B S2S3N
Northern	Owen	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Owen	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Owen	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Owen	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Owen	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Owen	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Northern	Owen	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1

Northern	Owen	FISHES	LOTA LOTA	BURBOT	S	G5/SU
Northern	Owen	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Owen	VASCULAR PLANTS	MELANTHIUM WOODII	WOOD BUNCHFLOWER	T	G5/S2
Northern	Owen	VASCULAR PLANTS	ARABIS PERSTELLATA	BRAUN'S ROCKCRESS	T/LE	G2/S2
Northern	Owen	VASCULAR PLANTS	LONICERA RETICULATA	GRAPE HONEYSUCKLE	E	G5/S1
Northern	Owsley	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Owsley	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Owsley	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Northern	Owsley	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Northern	Owsley	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Northern	Owsley	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Northern	Owsley	INSECTS	STENONEMA BEDNARIKI	A HEPTAGENIID MAYFLY	S	G3/S2
Northern	Owsley	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Northern	Owsley	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Northern	Owsley	VASCULAR PLANTS	TAXUS CANADENSIS	CANADIAN YEW	T	G5/S2S3
Northern	Owsley	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Owsley	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Pendleton	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Pendleton	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Pendleton	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Pendleton	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Pendleton	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Pendleton	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Pendleton	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Northern	Pendleton	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Pendleton	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Northern	Pendleton	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Pendleton	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Northern	Pendleton	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Northern	Pendleton	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Pendleton	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Northern	Pendleton	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Northern	Pendleton	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Pendleton	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Pendleton	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Northern	Pendleton	FISHES	NOTURUS EXILIS	SLENDER MADTOM	E	G5/S1
Northern	Pendleton	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Northern	Pendleton	GASTROPODS	LEPTOXIS PRAEROSA	ONYX ROCKSNAIL	S	G5/S3S4
Northern	Pendleton	VASCULAR PLANTS	GENTIANA FLAVIDA	YELLOW GENTIAN	E	G4/S1S2
Northern	Pendleton	VASCULAR PLANTS	OROBANCHE LUDOVICIANA	LOUISIANA BROOMRAPE	H	G5/SH
Northern	Powell	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Powell	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Northern	Powell	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Northern	Powell	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Powell	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Powell	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3

Northern	Powell	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Northern	Powell	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Powell	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Powell	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Northern	Powell	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Northern	Powell	GASTROPODS	RHODACME ELATOR	DOMED ANCYLID	S	G1/S1
Northern	Powell	INSECTS	MANOPHYLAX BUTLERI	A LIMNEPHILID CADDISFLY	S	G2/S2
Northern	Powell	INSECTS	DRYOBIOUS SEXNOTATUS	SIXBANDED LONGHORN BEETLE	T	G7/S1
Northern	Powell	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Northern	Powell	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Northern	Powell	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Northern	Powell	MAMMALS	CORYNORHINUS TOWNSENDII VIRGINIANUS	VIRGINIA BIG-EARED BAT	E/LE	G4T2/S1
Northern	Powell	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Northern	Powell	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Powell	NONVASCULAR PLANTS	POLYTRICHUM PILIFERUM		E	G5/S1?
Northern	Powell	PALUSTRINE COMMUNITIES	RIPARIAN FOREST		N	S5
Northern	Powell	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Northern	Powell	REPTILES	EUMECES ANTHRACINUS ANTHRACINUS	NORTHERN COAL SKINK	T	G5T5/S2
Northern	Powell	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Northern	Powell	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Northern	Powell	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Northern	Powell	VASCULAR PLANTS	NAJAS GRACILLIMA	THREAD-LIKE NAIAD	S	G5?/S2S3
Northern	Powell	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G5?/S3
Northern	Powell	VASCULAR PLANTS	PRENANTHES ALBA	WHITE RATTLESNAKE-ROOT	E	G5/S1
Northern	Powell	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Powell	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3
Northern	Powell	VASCULAR PLANTS	LYCOPODIUM CLAVATUM	RUNNING PINE	E	G5/S1?
Northern	Powell	VASCULAR PLANTS	MONOTROPSIS ODORATA	SWEET PINESAP	T	G3/S2
Northern	Powell	VASCULAR PLANTS	POA SALTUENSIS	DROOPING BLUEGRASS	E	G5/S1S2
Northern	Powell	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Northern	Powell	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2
Northern	Powell	VASCULAR PLANTS	POLYGALA CRUCIATA	CROSSLEAF MILKWORT	E	G5/S1
Northern	Powell	VASCULAR PLANTS	SILENE OVATA	OVATE CATCHFLY	E	G2G3/S1S2
Northern	Powell	VASCULAR PLANTS	PLATANThERA PSYCODES	SMALL PURPLE-FRINGED ORCHID	E	G5/S1
Northern	Powell	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Northern	Powell	VASCULAR PLANTS	SOLIDAGO ALBOPILOSA	WHITE-HAIRED GOLDENROD	T/LT	G2/S2
Northern	Powell	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Northern	Powell	VASCULAR PLANTS	DICHANTHELIUM BOREALE	NORTHERN WITCHGRASS	S	G5/S2S3
Northern	Powell	VASCULAR PLANTS	SABATIA CAMPANULATA	SLENDER MARSH PINK	E	G5/S1
Northern	Robertson	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Robertson	BIRDS	POECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S2N
Northern	Robertson	BIRDS	AMMODRAMUS HENSLowII	HENSLow'S SPARROW	S	G4/S3B

Northern	Robertson	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Robertson	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Robertson	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Robertson	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Robertson	FISHES	LOTA LOTA	BURBOT	S	G5/SU
Northern	Robertson	VASCULAR PLANTS	GENTIANA FLAVIDA	YELLOW GENTIAN	E	G4/S1S2
Northern	Robertson	VASCULAR PLANTS	SPIRANTHES MAGNICAMPORUM	GREAT PLAINS LADIES'-TRESSES	T	G4/S2
Northern	Robertson	VASCULAR PLANTS	SOLIDAGO SHORTII	SHORT'S GOLDENROD	E/LE	G1/S1
Northern	Scott	AMPHIBIANS	RANA PIPIENS	NORTHERN LEOPARD FROG	S	G5/S3
Northern	Scott	BIRDS	DOLICHONYX ORYZIVORUS	BOBOLINK	S	G5/S2S3B
Northern	Scott	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B ,S2S3N
Northern	Scott	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Northern	Scott	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Northern	Scott	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Scott	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Scott	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Scott	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,S ZN
Northern	Scott	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Northern	Scott	FISHES	NOCOMIS BIGUTTATUS	HORNYHEAD CHUB	S	G5/SU
Northern	Scott	INSECTS	PSEUDANOPHTHALMUS HORNII HORNII	GARMAN'S CAVE BEETLE	S	G3T3/S2S 3
Northern	Scott	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Scott	VASCULAR PLANTS	LESQUERELLA GLOBOSA	LESQUEREUX'S BLADDERPOD	T/C	G2/S2
Northern	Scott	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Northern	Scott	VASCULAR PLANTS	PERIDERIDIA AMERICANA	EASTERN EULOPHUS	T	G4/S2
Northern	Scott	VASCULAR PLANTS	PHILADELPHUS INODORUS	MOCK ORANGE	T	G4G5/S1S 2
Northern	Trimble	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Trimble	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Northern	Trimble	BIRDS	FALCO PEREGRINUS	PEREGRINE FALCON	E	G4/S1B,S ZN
Northern	Trimble	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Northern	Trimble	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Northern	Wolfe	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Wolfe	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Northern	Wolfe	BIRDS	SITTA CANADENSIS	RED-BREASTED NUTHATCH	E	G5/S1B,S ZN
Northern	Wolfe	BIRDS	EMPIDONAX MINIMUS	LEAST FLYCATCHER	E	G5/S1B
Northern	Wolfe	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Northern	Wolfe	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Northern	Wolfe	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Northern	Wolfe	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Northern	Wolfe	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Northern	Wolfe	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Northern	Wolfe	INSECTS	MANOPHYLAX BUTLERI	A LIMNEPHILID CADDISFLY	S	G2/S2
Northern	Wolfe	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Northern	Wolfe	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Northern	Wolfe	MAMMALS	CORYNORHINUS TOWNSENDII VIRGINIANUS	VIRGINIA BIG-EARED BAT	E/LE	G4T2/S1

Northern	Wolfe	NONVASCULAR PLANTS	HERZOGIELLA TURFACEA		E	G4G5/S1?
Northern	Wolfe	NONVASCULAR PLANTS	POLYTRICHUM PALLIDISETUM	A HAIR CAP MOSS	T	G4/S2?
Northern	Wolfe	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Northern	Wolfe	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Northern	Wolfe	TERRESTRIAL COMMUNITIES	APPALACHIAN PINE-OAK FOREST		N	S5
Northern	Wolfe	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Northern	Wolfe	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Northern	Wolfe	VASCULAR PLANTS	MELAMPYRUM LINEARE VAR PECTINATUM	AMERICAN COW-WHEAT	E	G5T5/S1
Northern	Wolfe	VASCULAR PLANTS	MAIANTHEMUM CANADENSE	WILD LILY-OF-THE-VALLEY	T	G5/S2
Northern	Wolfe	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3
Northern	Wolfe	VASCULAR PLANTS	MONOTROPSIS ODORATA	SWEET PINESAP	T	G3/S2
Northern	Wolfe	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Northern	Wolfe	VASCULAR PLANTS	PLATANThERA PSYCODES	SMALL PURPLE-FRINGED ORCHID	E	G5/S1
Northern	Wolfe	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Northern	Wolfe	VASCULAR PLANTS	SOLIDAGO ALBOPILOSA	WHITE-HAIRED GOLDENROD	T/LT	G2/S2
Northern	Wolfe	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Northern	Wolfe	VASCULAR PLANTS	TAXUS CANADENSIS	CANADIAN YEW	T	G5/S2S3
Northern	Wolfe	VASCULAR PLANTS	TRIENTALIS BOREALIS	NORTHERN STARFLOWER	E	G5/S1
Northern	Wolfe	VASCULAR PLANTS	GNAPHALIUM HELLERI VAR MICRADENIUM	SMALL RABBIT TOBACCO	H	G4G5T3?/SH
Northern	Wolfe	VASCULAR PLANTS	JUNCUS ARTICULATUS	JOINTED RUSH	S	G5/S2S3
Northern	Wolfe	VASCULAR PLANTS	STELLARIA LONGIFOLIA	LONGLEAF STITCHWORT	S	G5/S2S3
Northern	Wolfe	VASCULAR PLANTS	CIRCAEA ALPINA	SMALL ENCHANTER'S NIGHTSHADE	S	G5/S3
Northern	Wolfe	VASCULAR PLANTS	AGERATINA LUCIAE-BRAUNIAE	LUCY BRAUN'S WHITE SNAKEROOT	S	G3/S3
Northern	Wolfe	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Northern	Wolfe	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Northern	Wolfe	VASCULAR PLANTS	CAREX RUGOSPERMA	UMBEL-LIKE SEDGE	T	G5/S2?
Northern	Wolfe	VASCULAR PLANTS	ACER SPICATUM	MOUNTAIN MAPLE	E	G5/S1S2
Northern	Wolfe	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Northern	Wolfe	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Northern	Woodford	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Northern	Woodford	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Northern	Woodford	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Northern	Woodford	BIRDS	POOECETES GRAMINEUS	VESPER SPARROW	E	G5/S1B,SZN
Northern	Woodford	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Northern	Woodford	BIRDS	CISTOTHORUS PLATENSIS	SEDEGE WREN	S	G5/S3B
Northern	Woodford	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Northern	Woodford	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Northern	Woodford	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Northern	Woodford	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1

Northern	Woodford	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Northern	Woodford	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Northern	Woodford	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Northern	Woodford	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Northern	Woodford	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Northern	Woodford	CRUSTACEANS	CAECIDOTEA BARRI	CLIFTON CAVE ISOPOD	E	G1G3/S1
Northern	Woodford	FISHES	NOCOMIS BIGUTTATUS	HORNYHEAD CHUB	S	G5/SU
Northern	Woodford	INSECTS	PSEUDANOPHTHALMUS HORN CAECUS	CLIFTON CAVE BEETLE	T	G3T1T2/S 1
Northern	Woodford	INSECTS	PSEUDANOPHTHALMUS HORN ABDITUS	CONCEALED CAVE BEETLE	T	G3T3/S2
Northern	Woodford	MAMMALS	MUSTELA NIVALIS	LEAST WEASEL	S	G5/S2S3
Northern	Woodford	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD SWAMP		N	S3
Northern	Woodford	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Northern	Woodford	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Northern	Woodford	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Northern	Woodford	VASCULAR PLANTS	VIBURNUM MOLLE	SOFTLEAF ARROW-WOOD	T	G5/S3?
Northern	Woodford	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP HISPIDISSIMUM	HAIRY FALSE GROMWELL	E	G4G5T4/S 1
Northern	Woodford	VASCULAR PLANTS	STELLARIA FONTINALIS	WATER STITCHWORT	T	G3/S2
Northern	Woodford	VASCULAR PLANTS	TRIFOLIUM STOLONIFERUM	RUNNING BUFFALO CLOVER	T/LE	G3/S2S3
Northern	Woodford	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3
Northern	Woodford	VASCULAR PLANTS	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED	S	G5/S3
Northern	Woodford	VASCULAR PLANTS	SPIRANTHES ODORATA	SWEETSCENT LADIES'-TRESSES	E	G5/S1
Southern	Adair	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Adair	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Adair	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Southern	Adair	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Adair	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Adair	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Adair	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Adair	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Adair	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Southern	Adair	FISHES	PHENACOBIVUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Adair	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Southern	Adair	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Southern	Adair	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S 4
Southern	Adair	INSECTS	ALLOCAPNIA CUNNINGHAMI		H	G1/SH
Southern	Adair	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Adair	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Adair	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Adair	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Southern	Adair	OTHER TYPES	PSEUDOTREMIA MEROPS		T	G1G2/S1S 2
Southern	Adair	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Southern	Adair	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Southern	Adair	VASCULAR PLANTS	HETERANTHERA DUBIA	GRASSLEAF MUD-PLANTAIN	S	G5/S3
Southern	Adair	VASCULAR PLANTS	ELYMUS SVENSONII	SVENSON'S WILDRYE	S	G2G3/S3

Southern	Adair	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Southern	Adair	VASCULAR PLANTS	PARNASSIA GRANDIFOLIA	LARGE-LEAVED GRASS-OF-PARNASSUS	E	G3/S1
Southern	Adair	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Adair	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Southern	Adair	VASCULAR PLANTS	ACER SPICATUM	MOUNTAIN MAPLE	E	G5/S1S2
Southern	Barren	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Barren	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Barren	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Barren	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Southern	Barren	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Barren	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Southern	Barren	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Southern	Barren	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Barren	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Barren	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Barren	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Barren	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Barren	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Barren	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Barren	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Barren	CRUSTACEANS	PALAEMONIAS GANTERI	MAMMOTH CAVE SHRIMP	E/LE	G1/S1
Southern	Barren	CRUSTACEANS	ORCONECTES PELLUCIDUS	A CRAYFISH	S	G3/S3
Southern	Barren	CRUSTACEANS	STYGOBROMUS VITREUS	AN AMPHIPOD	S	G3G4/S1
Southern	Barren	FISHES	PHENACOBIVUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Barren	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Southern	Barren	FISHES	THOBUORNIA ATRIPINNIS	BLACKFIN SUCKER	S	G2/S2
Southern	Barren	FISHES	TYPHLICHTHYS SUBTERRANEUS	SOUTHERN CAVEFISH	S	G4/S2S3
Southern	Barren	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Southern	Barren	GASTROPODS	HELICODISCUS NOTIUS SPECUS	A SNAIL	T	G5T?/S1
Southern	Barren	GASTROPODS	PLEUROCERA ALVEARE	RUGGED HORNSNAIL	S	G3G4/S3S 4
Southern	Barren	GASTROPODS	ANTROSELATES SPIRALIS	SHAGGY CAVESNAIL	S	G2/S2
Southern	Barren	INSECTS	PSEUDANOPHTHALMUS PUBESCENS INTREPIDUS	A CAVE BEETLE	T	G3T3/S2
Southern	Barren	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Barren	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Barren	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Barren	OTHER TYPES	KLEPTOCHTHONIUS HUBRICHTI		T	G1G2/S1S 2
Southern	Barren	PALUSTRINE COMMUNITIES	DEPRESSION SWAMP		N	S2
Southern	Barren	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Southern	Barren	REPTILES	OPHISAURUS ATTENUATUS LONGICAUDUS	EASTERN SLENDER GLASS LIZARD	T	G5T5/S2
Southern	Barren	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Southern	Barren	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Southern	Barren	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Southern	Barren	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Southern	Barren	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Southern	Barren	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2



Southern	Barren	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Barren	VASCULAR PLANTS	CASTANEA DENTATA	AMERICAN CHESTNUT	E	G4/S1?
Southern	Barren	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Southern	Barren	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Southern	Barren	VASCULAR PLANTS	LESPEDEZA CAPITATA	ROUND-HEAD BUSH-CLOVER	S	G5/S3
Southern	Barren	VASCULAR PLANTS	CYPRIPEDIUM REGINAE	SHOWY LADY'S-SLIPPER	H	G4/SH
Southern	Barren	VASCULAR PLANTS	HELIANTHEMUM BICKNELLII	PLAINS FROSTWEED	T	G5/S2?
Southern	Barren	VASCULAR PLANTS	LESPEDEZA STUEVEI	TALL BUSH-CLOVER	S	G4?/S3?
Southern	Barren	VASCULAR PLANTS	SPOROBOLUS CLANDESTINUS	ROUGH DROPSEED	T	G5/S2S3
Southern	Barren	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Southern	Barren	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Barren	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G7/S3
Southern	Barren	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Southern	Barren	VASCULAR PLANTS	VIBURNUM NUDUM	POSSUMHAW	E	G5/S1
Southern	Barren	VASCULAR PLANTS	GLYCERIA ACUTIFLORA	SHARP-SCALED MANNA-GRASS	T	G5/S2
Southern	Breckinridge	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Breckinridge	AMPHIBIANS	HYLA VERSICOLOR	GRAY TREEFROG	S	G5/S2S3
Southern	Breckinridge	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Southern	Breckinridge	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Breckinridge	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Southern	Breckinridge	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Breckinridge	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Breckinridge	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Breckinridge	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Breckinridge	CRUSTACEANS	ORCONECTES INERMIS INERMIS		S	G4T3T4/S 3
Southern	Breckinridge	CRUSTACEANS	ORCONECTES AUSTRALIS PACKARDI	A CRAYFISH	T	G4T3/S2S 3
Southern	Breckinridge	FISHES	ICTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Southern	Breckinridge	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Southern	Breckinridge	FISHES	AMBLYOPSIS SPELAEA	NORTHERN CAVEFISH	S	G3/S3
Southern	Breckinridge	GASTROPODS	ANTROSELATES SPIRALIS	SHAGGY CAVESNAIL	S	G2/S2
Southern	Breckinridge	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Breckinridge	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Southern	Breckinridge	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Breckinridge	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S 2
Southern	Breckinridge	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Breckinridge	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Breckinridge	REPTILES	MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	T	G3G4/S2
Southern	Breckinridge	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Southern	Breckinridge	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Breckinridge	VASCULAR PLANTS	OENOTHERA LINIFOLIA	THREAD-LEAF SUNDROPS	E	G5/S1S2
Southern	Breckinridge	VASCULAR PLANTS	LESPEDEZA CAPITATA	ROUND-HEAD BUSH-CLOVER	S	G5/S3
Southern	Breckinridge	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3

Southern	Breckinridge	VASCULAR PLANTS	DRABA CUNEIFOLIA	WEDGE-LEAF WHITLOW-GRASS	E	G5/S1
Southern	Bullitt	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Southern	Bullitt	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Bullitt	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Bullitt	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Bullitt	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Southern	Bullitt	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Bullitt	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Bullitt	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Bullitt	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Bullitt	CRUSTACEANS	ORCONECTES JEFFERSONI	LOUISVILLE CRAYFISH	E	G1/S1
Southern	Bullitt	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Southern	Bullitt	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Bullitt	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Bullitt	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Southern	Bullitt	TERRESTRIAL COMMUNITIES	DOLOMITE GLADE		N	S2
Southern	Bullitt	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Bullitt	VASCULAR PLANTS	SPIRANTHES OCHROLEUCA	YELLOW NODDING LADIES'-TRESSES	S	G4/S3?
Southern	Bullitt	VASCULAR PLANTS	JUNCUS FILIPENDULUS	RINGSEED RUSH	T	G5/S2?
Southern	Bullitt	VASCULAR PLANTS	LEAVENWORTHIA EXIGUA VAR LACINIATA	GLADE CRESS	T	G4T1T2/S 1S2
Southern	Bullitt	VASCULAR PLANTS	OENOTHERA TRILOBA	STEMLESS EVENING-PRIMROSE	T	G4/S1S2
Southern	Bullitt	VASCULAR PLANTS	RUBUS WHARTONIAE	WHARTON'S DEWBERRY	T	G2Q/S2
Southern	Bullitt	VASCULAR PLANTS	SPIRANTHES MAGNICAMPORUM	GREAT PLAINS LADIES'-TRESSES	T	G4/S2
Southern	Bullitt	VASCULAR PLANTS	SPOROBOLUS HETEROLEPIS	NORTHERN DROPSEED	E	G5/S1
Southern	Bullitt	VASCULAR PLANTS	ISOETES MELANOPODA	BLACKFOOT QUILLWORT	E	G5/S1
Southern	Bullitt	VASCULAR PLANTS	VIOLA SEPTEMLOBA VAR EGGLESTONII	EGGLESTON'S VIOLET	S	G4/S3
Southern	Bullitt	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Southern	Bullitt	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G7/S3
Southern	Bullitt	VASCULAR PLANTS	HEDEOMA HISPIDUM	ROUGH PENNYROYAL	T	G5/S2
Southern	Bullitt	VASCULAR PLANTS	AGRIMONIA GRYPOSEPALA	TALL HAIRY GROOVEBUR	T	G5/S1S2
Southern	Bullitt	VASCULAR PLANTS	STELLARIA LONGIFOLIA	LONGLEAF STITCHWORT	S	G5/S2S3
Southern	Bullitt	VASCULAR PLANTS	ASTER DRUMMONDII VAR TEXANUS	TEXAS ASTER	T	G5T7/S2
Southern	Bullitt	VASCULAR PLANTS	CAREX CRAWEI	CRAWE'S SEDGE	S	G5/S2S3
Southern	Bullitt	VASCULAR PLANTS	CHEILANTHES FEEI	FEE'S LIPFERN	E	G5/S1
Southern	Bullitt	VASCULAR PLANTS	FIMBRISTYLIS PUBERULA	HAIRY FIMBRISTYLIS	T	G5/S2
Southern	Butler	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Butler	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Southern	Butler	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Butler	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Southern	Butler	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Butler	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Butler	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Butler	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1

Southern	Butler	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Butler	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Butler	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Butler	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Butler	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Butler	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Southern	Butler	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Butler	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Butler	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Butler	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Butler	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Southern	Butler	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Southern	Butler	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Southern	Butler	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Butler	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Southern	Butler	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Butler	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Southern	Casey	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Casey	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Casey	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Casey	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Casey	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Casey	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Casey	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Casey	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Casey	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Southern	Casey	FISHES	PERCOPSIS OMISCOMAYCUS	TROUT-PERCH	S	G5/S3
Southern	Casey	INSECTS	STYLURUS SCUDDERI	ZEBRA CLUBTAIL	N	G4/SH
Southern	Casey	INSECTS	OPHIOMOPHUS MAINENSIS	MAINE SNAKETAIL	N	G4/S1
Southern	Casey	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Southern	Casey	VASCULAR PLANTS	TRILLIUM PUSILLUM	LEAST TRILLIUM	E	G3/S1
Southern	Casey	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Southern	Casey	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Southern	Clinton	BIRDS	RALLUS ELEGANS	KING RAIL	E	G4G5/S1B
Southern	Clinton	BIRDS	PICOIDES BOREALIS	RED-CKOADED WOODPECKER	E/LE	G3/S1
Southern	Clinton	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Clinton	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Clinton	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Clinton	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Clinton	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Clinton	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Clinton	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Clinton	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Clinton	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Clinton	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Southern	Clinton	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Southern	Clinton	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Clinton	PALUSTRINE COMMUNITIES	DEPRESSION SWAMP		N	S2
Southern	Clinton	PALUSTRINE COMMUNITIES	CALCAREOUS SEEP		N	S1

Southern	Clinton	PALUSTRINE COMMUNITIES	SINKHOLE/DEPRESSION MARSH		N	S1S2
Southern	Clinton	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Southern	Clinton	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Southern	Clinton	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Southern	Clinton	VASCULAR PLANTS	EUPHORBIA MERCURIALINA	MERCURY SPURGE	T	G4/S1S2
Southern	Clinton	VASCULAR PLANTS	PARNASSIA ASARIFOLIA	KIDNEYLEAF GRASS-OF-PARNASSUS	E	G4/S1
Southern	Clinton	VASCULAR PLANTS	PARNASSIA GRANDIFOLIA	LARGE-LEAVED GRASS-OF-PARNASSUS	E	G3/S1
Southern	Clinton	VASCULAR PLANTS	THASPIUM PINNATIFIDUM	CUTLEAF MEADOW-PARSNIP	T	G2G3/S2S3
Southern	Clinton	VASCULAR PLANTS	HELIANTHUS SILPHIOIDES	SILPHIUM SUNFLOWER	E	G3G4/S1
Southern	Clinton	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Southern	Clinton	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Clinton	VASCULAR PLANTS	POTAMOGETON PULCHER	SPOTTED PONDWEED	T	G5/S1S2
Southern	Cumberland	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Southern	Cumberland	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Cumberland	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Cumberland	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Cumberland	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Cumberland	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Cumberland	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Cumberland	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Cumberland	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Cumberland	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Cumberland	BIVALVES	EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	E/LE	G1/S1
Southern	Cumberland	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Cumberland	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Cumberland	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Cumberland	BIVALVES	EPIOBLASMA CAPSAEFORMIS	OYSTER MUSSEL	E/LE	G1/S1
Southern	Cumberland	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Southern	Cumberland	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Cumberland	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Southern	Cumberland	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Cumberland	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Cumberland	FISHES	NOTROPIS ALBIZONATUS	PALEZONE SHINER	E/LE	G2/S1
Southern	Cumberland	FISHES	ERIMYSTAX INSIGNIS	BLOTCHED CHUB	E	G3G4/S1
Southern	Cumberland	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Southern	Cumberland	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Southern	Cumberland	INSECTS	ALLOCAPNIA CUNNINGHAMI		H	G1/SH
Southern	Cumberland	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Cumberland	VASCULAR PLANTS	PHILADELPHUS PUBESCENS	HOARY MOCK ORANGE	E	G5/S1
Southern	Cumberland	VASCULAR PLANTS	MATELEA CAROLINENSIS	CAROLINA ANGLEPOD	E	G4/S1?
Southern	Cumberland	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Cumberland	VASCULAR PLANTS	PHILADELPHUS INODORUS	MOCK ORANGE	T	G4G5/S1S2
Southern	Edmonson	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Southern	Edmonson	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3

Southern	Edmonson	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Edmonson	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Southern	Edmonson	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Edmonson	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Southern	Edmonson	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Edmonson	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Edmonson	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Edmonson	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Edmonson	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Edmonson	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Edmonson	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Edmonson	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Edmonson	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Edmonson	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Edmonson	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Edmonson	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Southern	Edmonson	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Edmonson	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Edmonson	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Edmonson	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Edmonson	CRUSTACEANS	PALAEMONIAS GANTERI	MAMMOTH CAVE SHRIMP	E/LE	G1/S1
Southern	Edmonson	CRUSTACEANS	ORCONECTES PELLUCIDUS	A CRAYFISH	S	G3/S3
Southern	Edmonson	CRUSTACEANS	STYGOBROMUS VITREUS	AN AMPHIPOD	S	G3G4/S1
Southern	Edmonson	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Edmonson	FISHES	TYPHLICHTHYS SUBTERRANEUS	SOUTHERN CAVEFISH	S	G4/S2S3
Southern	Edmonson	FISHES	AMMOCRYPTA CLARA	WESTERN SAND DARTER	E	G3/S1
Southern	Edmonson	FISHES	AMBLYOPSIS SPELAEA	NORTHERN CAVEFISH	S	G3/S3
Southern	Edmonson	FISHES	NOTURUS EXILIS	SLENDER MADTOM	E	G5/S1
Southern	Edmonson	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Southern	Edmonson	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Edmonson	GASTROPODS	HELICODISCUS PUNCTATELLUS	PUNCTATE COIL	S	G?/S1
Southern	Edmonson	GASTROPODS	ANTROSELATES SPIRALIS	SHAGGY CAVESNAIL	S	G2/S2
Southern	Edmonson	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Edmonson	INSECTS	LYTROSIS PERMAGNARIA	A GEOMETRID MOTH	E	G3G4/S1
Southern	Edmonson	INSECTS	PSEUDOSINELLA ESPANITA	A CAVE SPRINGTAIL	S	G1G2/S1S2
Southern	Edmonson	INSECTS	PSEUDANOPHTHALMUS INEXPECTATUS	SURPRISING CAVE BEETLE	T	G3/S2
Southern	Edmonson	INSECTS	PSEUDANOPHTHALMUS AUDAX	BOLD CAVE BEETLE	T	G3/S1
Southern	Edmonson	INSECTS	CELITHEMIS VERNA	DOUBLE-RINGED PENNANT	S	G5/S1
Southern	Edmonson	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Southern	Edmonson	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Southern	Edmonson	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Edmonson	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Southern	Edmonson	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Edmonson	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Edmonson	OTHER TYPES	TYRANNOCHTHONIUS HYPOGEUS		S	G1G2/S1S2
Southern	Edmonson	OTHER TYPES	KLEPTOCHTHONIUS CERBERUS		S	G1G2/S1S2
Southern	Edmonson	OTHER TYPES	KLEPTOCHTHONIUS HAGENI		S	G1G2/S1S2
Southern	Edmonson	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Southern	Edmonson	REPTILES	OPHISAURUS ATTENUATUS LONGICAUDUS	EASTERN SLENDER GLASS LIZARD	T	G5T5/S2
Southern	Edmonson	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2

Southern	Edmonson	REPTILES	LAMPROPELTIS TRIANGULUM ELAPSOIDES	SCARLET KINGSSNAKE	S	G5T5/S3
Southern	Edmonson	REPTILES	EUMECES ANTHRACINUS ANTHRACINUS	NORTHERN COAL SKINK	T	G5T5/S2
Southern	Edmonson	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Southern	Edmonson	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Southern	Edmonson	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Southern	Edmonson	VASCULAR PLANTS	POTAMOGETON PULCHER	SPOTTED PONDWEED	T	G5/S1S2
Southern	Edmonson	VASCULAR PLANTS	SAGITTARIA RIGIDA	SESSILE-FRUITED ARROWHEAD	E	G5/S1
Southern	Edmonson	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Southern	Edmonson	VASCULAR PLANTS	CYPRIPEDIUM REGINAE	SHOWY LADY'S-SLIPPER	H	G4/SH
Southern	Edmonson	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2
Southern	Edmonson	VASCULAR PLANTS	DODECATEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Southern	Edmonson	VASCULAR PLANTS	SCLERIA CILIATA VAR CILIATA	FRINGED NUTRUSH	E	G5T7/S1?
Southern	Edmonson	VASCULAR PLANTS	POLYGALA CRUCIATA	CROSSLEAF MILKWORT	E	G5/S1
Southern	Edmonson	VASCULAR PLANTS	GLANDULARIA CANADENSIS	ROSE MOCK VERVAIN	T	G5/S2S3
Southern	Edmonson	VASCULAR PLANTS	GNAPHALIUM HELLERI VAR MICRADENIUM	SMALL RABBIT TOBACCO	H	G4G5T3?/SH
Southern	Edmonson	VASCULAR PLANTS	HELIANTHEMUM BICKNELLII	PLAINS FROSTWEED	T	G5/S2?
Southern	Edmonson	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Edmonson	VASCULAR PLANTS	SILENE REGIA	ROYAL CATCHFLY	E	G3/S1
Southern	Edmonson	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Southern	Edmonson	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G7/S3
Southern	Edmonson	VASCULAR PLANTS	LUDWIGIA HIRTELLA	HAIRY LUDWIGIA	E	G5/S1
Southern	Edmonson	VASCULAR PLANTS	MELANTHIUM WOODII	WOOD BUNCHFLOWER	T	G5/S2
Southern	Edmonson	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Southern	Edmonson	VASCULAR PLANTS	AGRIMONIA GRYPOSEPALA	TALL HAIRY GROOVEBUR	T	G5/S1S2
Southern	Edmonson	VASCULAR PLANTS	AGALINIS SKINNERIANA	PALE FALSE FOXGLOVE	E	G3/S1S2
Southern	Edmonson	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Southern	Edmonson	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Southern	Edmonson	VASCULAR PLANTS	VIOLA WALTERI	WALTER'S VIOLET	T	G4G5/S2
Southern	Edmonson	VASCULAR PLANTS	VIBURNUM NUDUM	POSSUMHAW	E	G5/S1
Southern	Edmonson	VASCULAR PLANTS	APIOS PRICEANA	PRICE'S POTATO-BEAN	E/LT	G2/S1
Southern	Edmonson	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Southern	Edmonson	VASCULAR PLANTS	ARISTIDA RAMOSISSIMA	BRANCHED THREE-AWN GRASS	H	G5/SH
Southern	Edmonson	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Edmonson	VASCULAR PLANTS	CAREX DECOMPOSITA	EPIPHYTIC SEDGE	T	G3/S2
Southern	Edmonson	VASCULAR PLANTS	SPOROBOLUS CLANDESTINUS	ROUGH DROPSEED	T	G5/S2S3
Southern	Edmonson	VASCULAR PLANTS	CIRCAEA ALPINA	SMALL ENCHANTER'S NIGHTSHADE	S	G5/S3
Southern	Grayson	AMPHIBIANS	CRYPTOBRANCHIUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Grayson	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Grayson	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B

Southern	Grayson	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Southern	Grayson	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Southern	Grayson	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Grayson	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Grayson	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Grayson	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Grayson	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Southern	Grayson	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Grayson	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Southern	Grayson	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Grayson	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Grayson	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Grayson	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Southern	Grayson	FISHES	PHENACOBIVUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Grayson	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Grayson	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Grayson	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Southern	Grayson	TERRESTRIAL COMMUNITIES	XEROHYDRIC FLATWOODS		N	S1
Southern	Grayson	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Southern	Grayson	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Southern	Grayson	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Southern	Grayson	TERRESTRIAL COMMUNITIES	LIMESTONE PRAIRIE		N	S1
Southern	Grayson	TERRESTRIAL COMMUNITIES	DEEP SOIL MESOPHYTIC FOREST		N	S5
Southern	Grayson	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Southern	Grayson	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Grayson	TERRESTRIAL COMMUNITIES	LIMESTONE FLAT ROCK GLADE		N	S1
Southern	Grayson	TERRESTRIAL COMMUNITIES	CALCAREOUS SUB-XERIC FOREST		N	S5
Southern	Grayson	TERRESTRIAL COMMUNITIES	XERIC ACIDIC FOREST		N	S5
Southern	Grayson	VASCULAR PLANTS	SPIRANTHES MAGNICAMPORUM	GREAT PLAINS LADIES'-TRESSES	T	G4/S2
Southern	Grayson	VASCULAR PLANTS	LEPEDEZA CAPITATA	ROUND-HEAD BUSH-CLOVER	S	G5/S3
Southern	Grayson	VASCULAR PLANTS	HIERACIUM LONGIPILUM	HAIRY HAWKWEEED	T	G4G5/S2
Southern	Grayson	VASCULAR PLANTS	PRENANTHES ASPERA	ROUGH RATTLESNAKE-ROOT	E	G4?/S1
Southern	Grayson	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Grayson	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Southern	Grayson	VASCULAR PLANTS	SILPHIUM LACINIATUM VAR ROBINSONII	COMPASS PLANT	T	G5T?/S2
Southern	Grayson	VASCULAR PLANTS	BAPTISIA BRACTEATA VAR LEUCOPHAEA	CREAM WILD INDIGO	S	G4G5T4T 5/S3
Southern	Grayson	VASCULAR PLANTS	CAREX CRAWEI	CRAWE'S SEDGE	S	G5/S2S3
Southern	Green	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Green	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Green	BIRDS	CISTOTHORUS PLATENSIS	SEDEGE WREN	S	G5/S3B
Southern	Green	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Southern	Green	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Green	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1

Southern	Green	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Green	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Green	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Green	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Green	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Green	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Green	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Southern	Green	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Green	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Green	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Green	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Green	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Green	CRUSTACEANS	ORCONECTES PELLUCIDUS	A CRAYFISH	S	G3/S3
Southern	Green	CRUSTACEANS	ORCONECTES INERMIS INERMIS		S	G4T3T4/S3
Southern	Green	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Southern	Green	FISHES	AMMOCRYPTA CLARA	WESTERN SAND DARTER	E	G3/S1
Southern	Green	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Green	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Southern	Green	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Southern	Green	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Southern	Green	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Southern	Green	INSECTS	ERORA LAETA	EARLY HAIRSTREAK	S	G3G4/S1
Southern	Green	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Green	INSECTS	OPHIOMOPHUS ASPERSUS	BROOK SNAKETAILED	H	G3G4/SH
Southern	Green	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Green	PALUSTRINE COMMUNITIES	SINKHOLE/DEPRESSION POND		N	S2S3
Southern	Green	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Southern	Green	TERRESTRIAL COMMUNITIES	XEROHYDRIC FLATWOODS		N	S1
Southern	Green	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Green	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Southern	Green	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Southern	Green	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Southern	Green	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Hardin	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Hardin	AMPHIBIANS	HYLA VERSICOLOR	GRAY TREEFROG	S	G5/S2S3
Southern	Hardin	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Hardin	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Hardin	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Southern	Hardin	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Hardin	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Hardin	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Hardin	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Hardin	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Hardin	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Hardin	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Hardin	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Hardin	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2



Southern	Hardin	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Hardin	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Hardin	CRUSTACEANS	ORCONECTES INERMIS INERMIS		S	G4T3T4/S 3
Southern	Hardin	FISHES	LOTA LOTA	BURBOT	S	G5/SU
Southern	Hardin	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Southern	Hardin	FISHES	AMBLYOPSIS SPELAEA	NORTHERN CAVEFISH	S	G3/S3
Southern	Hardin	FISHES	PHENACOBIUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Hardin	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Southern	Hardin	GASTROPODS	ANTROSELATES SPIRALIS	SHAGGY CAVESNAIL	S	G2/S2
Southern	Hardin	INSECTS	PAPAPEMA ERYNGII	RATTLESNAKE-MASTER BORER MOTH	E	G1G2/S1
Southern	Hardin	INSECTS	SATYRIUM FAVONIUS ONTARIO	NORTHERN HAIRSTREAK	S	G4T4/S1
Southern	Hardin	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S 2
Southern	Hardin	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Hardin	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Hardin	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Southern	Hardin	PALUSTRINE COMMUNITIES	ALLUVIAL FOREST		N	S5
Southern	Hardin	REPTILES	OPHISAURUS ATTENUATUS LONGICAUDUS	EASTERN SLENDER GLASS LIZARD	T	G5T5/S2
Southern	Hardin	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Southern	Hardin	TERRESTRIAL COMMUNITIES	SANDSTONE BARRENS		N	S1
Southern	Hardin	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Hardin	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Southern	Hardin	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Southern	Hardin	VASCULAR PLANTS	SPIRANTHES MAGNICAMPORUM	GREAT PLAINS LADIES'-TRESSES	T	G4/S2
Southern	Hardin	VASCULAR PLANTS	PSORALIDIUM TENUIFLORUM	FEW-FLOWERED SCURF-PEA	E	G5/S1
Southern	Hardin	VASCULAR PLANTS	FIMBRISTYLIS PUBERULA	HAIRY FIMBRISTYLIS	T	G5/S2
Southern	Hardin	VASCULAR PLANTS	PONTEDERIA CORDATA	PICKEREL WEED	T	G5/S1S2
Southern	Hardin	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Southern	Hardin	VASCULAR PLANTS	GLYCERIA ACUTIFLORA	SHARP-SCALED MANNA-GRASS	T	G5/S2
Southern	Hardin	VASCULAR PLANTS	GYMNOPOGON AMBIGUUS	BEARDED SKELETONGRASS	S	G4/S2S3
Southern	Hardin	VASCULAR PLANTS	HELIANTHEMUM BICKNELLII	PLAINS FROSTWEED	T	G5/S2?
Southern	Hardin	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Hardin	VASCULAR PLANTS	HIERACIUM LONGIPILUM	HAIRY HAWKWEED	T	G4G5/S2
Southern	Hardin	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Southern	Hardin	VASCULAR PLANTS	LONICERA RETICULATA	GRAPE HONEYSUCKLE	E	G5/S1
Southern	Hardin	VASCULAR PLANTS	PYCNANTHEMUM MUTICUM	BLUNT MOUNTAIN MINT	T	G5/S2?
Southern	Hardin	VASCULAR PLANTS	LESPEDAZA CAPITATA	ROUND-HEAD BUSH-CLOVER	S	G5/S3
Southern	Hardin	VASCULAR PLANTS	LIATRIS CYLINDRACEA	SLENDER BLAZING-STAR	T	G5/S2S3
Southern	Hardin	VASCULAR PLANTS	PHILADELPHUS PUBESCENS	HOARY MOCK ORANGE	E	G5?/S1
Southern	Hardin	VASCULAR PLANTS	NAJAS GRACILLIMA	THREAD-LIKE NAIAD	S	G5?/S2S3
Southern	Hardin	VASCULAR PLANTS	POLYGALA CRUCIATA	CROSSLEAF MILKWORT	E	G5/S1
Southern	Hardin	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2

Southern	Hardin	VASCULAR PLANTS	VIOLA WALTERI	WALTER'S VIOLET	T	G4G5/S2
Southern	Hardin	VASCULAR PLANTS	SILPHIUM PINNATIFIDUM	PRAIRIE-DOCK	S	G3Q/S3S4
Southern	Hardin	VASCULAR PLANTS	VIOLA SEPTEMLoba VAR EGGLESTONII	EGGLESTON'S VIOLET	S	G4/S3
Southern	Hardin	VASCULAR PLANTS	SILPHIUM LACINIATUM VAR LACINIATUM	COMPASS PLANT	E	G5T?/S1S2
Southern	Hardin	VASCULAR PLANTS	SILENE REGIA	ROYAL CATCHFLY	E	G3/S1
Southern	Hardin	VASCULAR PLANTS	SEDUM TELEPHIOIDES	ALLEGHENY STONECROP	T	G4/S2
Southern	Hardin	VASCULAR PLANTS	SCLERIA CILIATA VAR CILIATA	FRINGED NUTRUSH	E	G5T?/S1?
Southern	Hardin	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Southern	Hardin	VASCULAR PLANTS	THASPIUM PINNATIFIDUM	CUTLEAF MEADOW-PARSNIP	T	G2G3/S2S3
Southern	Hardin	VASCULAR PLANTS	CYPRIPEDIUM CANDIDUM	SMALL WHITE LADY'S-SLIPPER	E	G4/S1
Southern	Hardin	VASCULAR PLANTS	ASTER DRUMMONDII VAR TEXANUS	TEXAS ASTER	T	G5T?/S2
Southern	Hardin	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G7/S3
Southern	Hardin	VASCULAR PLANTS	BAPTISIA BRACTEATA VAR LEUCOPHAEA	CREAM WILD INDIGO	S	G4G5T4T5/S3
Southern	Hardin	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G5?/S3
Southern	Hardin	VASCULAR PLANTS	CAREX CRAWEI	CRAWE'S SEDGE	S	G5/S2S3
Southern	Hardin	VASCULAR PLANTS	RANUNCULUS AMBIGENS	WATERPLANTAIN SPEARWORT	S	G4/S3
Southern	Hardin	VASCULAR PLANTS	LEAVENWORTHIA TORULOSA	NECKLACE GLADECRESS	T	G4/S2
Southern	Hart	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Hart	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Hart	BIRDS	CIRCUS CYANEUS	NORTHERN HARRIER	T	G5/S1S2B,S4N
Southern	Hart	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Hart	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Southern	Hart	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Hart	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Hart	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Southern	Hart	BIVALVES	SIMPSONIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Hart	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Hart	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Hart	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Hart	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Hart	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Hart	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Hart	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Hart	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Hart	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Hart	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Hart	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Hart	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Southern	Hart	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Hart	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Southern	Hart	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Southern	Hart	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Hart	CRUSTACEANS	BRYOCAMPTUS MORRISONI ELEGANS	A COPEPOD	T	G3G4T3T4/S1
Southern	Hart	CRUSTACEANS	STYGOBROMUS VITREUS	AN AMPHIPOD	S	G3G4/S1

Southern	Hart	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Hart	CRUSTACEANS	PALAEONIAS GANTERI	MAMMOTH CAVE SHRIMP	E/LE	G1/S1
Southern	Hart	CRUSTACEANS	ORCONECTES INERMIS INERMIS		S	G4T3T4/S3
Southern	Hart	CRUSTACEANS	ORCONECTES PELLUCIDUS	A CRAYFISH	S	G3/S3
Southern	Hart	CRUSTACEANS	ORCONECTES AUSTRALIS PACKARDI	A CRAYFISH	T	G4T3/S2S3
Southern	Hart	FISHES	TYPHLICHTHYS SUBTERRANEUS	SOUTHERN CAVEFISH	S	G4/S2S3
Southern	Hart	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Southern	Hart	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Hart	FISHES	HYBOPSIS AMNIS	PALLID SHINER	H	G4/SH
Southern	Hart	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Southern	Hart	FISHES	AMBLYOPSIS SPELAEA	NORTHERN CAVEFISH	S	G3/S3
Southern	Hart	GASTROPODS	RHODACME ELATIOR	DOMED ANCYLID	S	G1/S1
Southern	Hart	GASTROPODS	ANTROSELATES SPIRALIS	SHAGGY CAVESNAIL	S	G2/S2
Southern	Hart	INSECTS	PSEUDANOPHTHALMUS AUDAX	BOLD CAVE BEETLE	T	G3/S1
Southern	Hart	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Hart	INSECTS	PSEUDANOPHTHALMUS SIMULANS	CUB RUN CAVE BEETLE	T	G1G2/S1
Southern	Hart	INSECTS	PSEUDANOPHTHALMUS GLOBICEPS	ROUND-HEADED CAVE BEETLE	T	G1G2/S1
Southern	Hart	INSECTS	CELITHEMIS VERNA	DOUBLE-RINGED PENNANT	S	G5/S1
Southern	Hart	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Hart	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Southern	Hart	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Hart	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Hart	PALUSTRINE COMMUNITIES	SINKHOLE/DEPRESSION POND		N	S2S3
Southern	Hart	REPTILES	OPHISAURUS ATTENUATUS LONGICAUDUS	EASTERN SLENDER GLASS LIZARD	T	G5T5/S2
Southern	Hart	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Southern	Hart	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Southern	Hart	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Southern	Hart	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Hart	TERRESTRIAL COMMUNITIES	LIMESTONE PRAIRIE		N	S1
Southern	Hart	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Southern	Hart	VASCULAR PLANTS	RHYNCHOSPORA MACROSTACHYA	TALL BEAKED-RUSH	E	G4/S1
Southern	Hart	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Hart	VASCULAR PLANTS	LIATRIS CYLINDRACEA	SLENDER BLAZING-STAR	T	G5/S2S3
Southern	Hart	VASCULAR PLANTS	PONTEDERIA CORDATA	PICKEREL WEED	T	G5/S1S2
Southern	Hart	VASCULAR PLANTS	POTAMOGETON PULCHER	SPOTTED PONDWEED	T	G5/S1S2
Southern	Hart	VASCULAR PLANTS	GRATIOLA VISCIDULA	SHORT'S HEDGEHYSSOP	S	G4G5/S3
Southern	Hart	VASCULAR PLANTS	SILENE REGIA	ROYAL CATCHFLY	E	G3/S1
Southern	Hart	VASCULAR PLANTS	SILPHIUM PINNATIFIDUM	PRAIRIE-DOCK	S	G3Q/S3S4
Southern	Hart	VASCULAR PLANTS	SPOROBOLUS CLANDESTINUS	ROUGH DROPSEED	T	G5/S2S3
Southern	Hart	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Southern	Hart	VASCULAR PLANTS	GLYCERIA ACUTIFLORA	SHARP-SCALED MANNA-GRASS	T	G5/S2
Southern	Hart	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Southern	Hart	VASCULAR PLANTS	VIOLA SEPTEMLoba VAR EGGLESTONII	EGGLESTON'S VIOLET	S	G4/S3
Southern	Hart	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G7/S3

Southern	Hart	VASCULAR PLANTS	CAREX DECOMPOSITA	EPIPHYTIC SEDGE	T	G3/S2
Southern	Hart	VASCULAR PLANTS	CAREX STRAMINEA	STRAW SEDGE	T	G5/S2?
Southern	Hart	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Hart	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Southern	Hart	VASCULAR PLANTS	CIRCAEA ALPINA	SMALL ENCHANTER'S NIGHTSHADE	S	G5/S3
Southern	Jackson	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Jackson	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Jackson	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Jackson	BIVALVES	ALASMIDONTA ATROPURPUREA	CUMBERLAND ELKTOE	E/LE	G1G2/S1
Southern	Jackson	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Jackson	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Jackson	BIVALVES	ANODONTOIDES DENIGRATUS	CUMBERLAND PAPERSHELL	E	G1/S1
Southern	Jackson	BIVALVES	PTYCHOBANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Southern	Jackson	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Southern	Jackson	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Southern	Jackson	FISHES	ICHTHYOMYZON FOSSOR	NORTHERN BROOK LAMPREY	T	G4/S2
Southern	Jackson	FISHES	ETHEOSTOMA CINEREUM	ASHY DARTER	S	G2G3/S3
Southern	Jackson	FISHES	PERCINA SQUAMATA	OLIVE DARTER	E	G3/S1
Southern	Jackson	INSECTS	HABROPHLEBIODES CELETERIA		H	G2/SH
Southern	Jackson	INSECTS	OPHIOGOMPHUS HOWEI	PYGMY SNAKETAILED	S	G3/S1S2
Southern	Jackson	INSECTS	TIMPANOGA PROVONSHAI		H	G1/SH
Southern	Jackson	MAMMALS	CORYNORHINUS TOWNSENDII VIRGINIANUS	VIRGINIA BIG-EARED BAT	E/LE	G4T2/S1
Southern	Jackson	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Southern	Jackson	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Jackson	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Southern	Jackson	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Jackson	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Southern	Jackson	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Southern	Jackson	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Southern	Jackson	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Southern	Jackson	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Southern	Jackson	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Southern	Jackson	VASCULAR PLANTS	TRIFOLIUM STOLONIFERUM	RUNNING BUFFALO CLOVER	T/LE	G3/S2S3
Southern	Jackson	VASCULAR PLANTS	TAXUS CANADENSIS	CANADIAN YEW	T	G5/S2S3
Southern	Jackson	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Southern	Jackson	VASCULAR PLANTS	SAXIFRAGA MICRANTHIDIFOLIA	LETTUCE-LEAF SAXIFRAGE	E	G5/S1
Southern	Jackson	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2
Southern	Jackson	VASCULAR PLANTS	LIPARIS LOESELII	LOESEL'S TWAYBLADE	T	G5/S2S3
Southern	Jackson	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Southern	Jackson	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Southern	Jackson	VASCULAR PLANTS	AGERATINA LUCIAE-BRAUNIAE	LUCY BRAUN'S WHITE SNAKERROOT	S	G3/S3
Southern	Jackson	VASCULAR PLANTS	CASTILLEJA COCCINEA	SCARLET INDIAN PAINTBRUSH	E	G5/S1
Southern	Jackson	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1

Southern	Larue	BIRDS	AMMODRAMUS HENSLowII	HENSLow'S SPARROW	S	G4/S3B
Southern	Larue	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Larue	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Larue	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Larue	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Larue	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Larue	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Larue	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Southern	Larue	INSECTS	STENONEMA BEDNARIKI	A HEPTAGENIID MAYFLY	S	G3/S2
Southern	Larue	INSECTS	PSEUDANOPHTHALMUS CNEPHOSUS	A CAVE BEETLE	T	G1G2/S1S2
Southern	Larue	INSECTS	CALEPHELIS MUTICA	SWAMP METALMARK	S	G3G4/S2
Southern	Larue	REPTILES	ELAPHE GUTTATA GUTTATA	CORN SNAKE	S	G5T5/S3
Southern	Larue	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Southern	Larue	TERRESTRIAL COMMUNITIES	CALCAREOUS SUB-XERIC FOREST		N	S5
Southern	Larue	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Southern	Larue	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Larue	VASCULAR PLANTS	MYRIOPHYLLUM HETEROPHYLLUM	BROADLEAF WATER-MILFOIL	S	G5/S3?
Southern	Larue	VASCULAR PLANTS	SPIRANTHES MAGNICAMPORUM	GREAT PLAINS LADIES'-TRESSES	T	G4/S2
Southern	Larue	VASCULAR PLANTS	NAJAS GRACILLIMA	THREAD-LIKE NAIAD	S	G5?/S2S3
Southern	Larue	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Southern	Larue	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G7/S3
Southern	Larue	VASCULAR PLANTS	CASTILLEJA COCCINEA	SCARLET INDIAN PAINTBRUSH	E	G5/S1
Southern	Larue	VASCULAR PLANTS	CAREX CRAWEI	CRAWE'S SEDGE	S	G5/S2S3
Southern	Laurel	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B,S2S3N
Southern	Laurel	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Southern	Laurel	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Southern	Laurel	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Laurel	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Laurel	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Laurel	BIRDS	AMMODRAMUS HENSLowII	HENSLow'S SPARROW	S	G4/S3B
Southern	Laurel	BIRDS	FALCO PEREGRINUS	PEREGRINE FALCON	E	G4/S1B,S2N
Southern	Laurel	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Southern	Laurel	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Laurel	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Southern	Laurel	BIVALVES	ALASMIDONTA ATROPURPUREA	CUMBERLAND ELKTOE	E/LE	G1G2/S1
Southern	Laurel	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Laurel	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Laurel	BIVALVES	ANODONTOIDES DENIGRATUS	CUMBERLAND PAPERSHELL	E	G1/S1
Southern	Laurel	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Laurel	BIVALVES	PTYCHOBRANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Southern	Laurel	BIVALVES	EPIOBLASMA CAPSAEFORMIS	OYSTER MUSSEL	E/LE	G1/S1
Southern	Laurel	BIVALVES	EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	E/LE	G1/S1
Southern	Laurel	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Laurel	FISHES	ETHEOSTOMA CINEREUM	ASHY DARTER	S	G2G3/S3
Southern	Laurel	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Southern	Laurel	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3

Southern	Laurel	FISHES	PERCINA SQUAMATA	OLIVE DARTER	E	G3/S1
Southern	Laurel	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Southern	Laurel	GASTROPODS	LEPTOXIS PRAEROSA	ONYX ROCKSNAIL	S	G5/S3S4
Southern	Laurel	GASTROPODS	FUMONELIX WETHERBYI	CLIFTY COVERT	S	G7/S2
Southern	Laurel	GASTROPODS	PLEUROCERA CURTA	SHORTSPIRE HORNSNAIL	S	G2/S2
Southern	Laurel	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Laurel	INSECTS	SPEYERIA IDALIA	REGAL FRITILLARY	H	G3/SH
Southern	Laurel	INSECTS	OPHIOGOMPHUS HOWEI	PYGMY SNAKETAILED	S	G3/S1S2
Southern	Laurel	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Southern	Laurel	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Southern	Laurel	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Laurel	NONVASCULAR PLANTS	POLYTRICHUM PALLIDISETUM	A HAIR CAP MOSS	T	G4/S2?
Southern	Laurel	NONVASCULAR PLANTS	NECKERA PENNATA		T	G5/S2?
Southern	Laurel	PALUSTRINE COMMUNITIES	APPALACHIAN ACID SEEP		N	S2
Southern	Laurel	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Southern	Laurel	PALUSTRINE COMMUNITIES	RIPARIAN FOREST		N	S5
Southern	Laurel	REPTILES	EUMECES ANTHRACINUS ANTHRACINUS	NORTHERN COAL SKINK	T	G5T5/S2
Southern	Laurel	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Southern	Laurel	RIVERINE COMMUNITIES	CUMBERLAND PLATEAU GRAVEL/COBBLE BAR		N	S2
Southern	Laurel	TERRESTRIAL COMMUNITIES	APPALACHIAN PINE-OAK FOREST		N	S5
Southern	Laurel	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Southern	Laurel	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Southern	Laurel	VASCULAR PLANTS	POTAMOGETON ILLINOENSIS	ILLINOIS PONDWEED	S	G5/S2
Southern	Laurel	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Southern	Laurel	VASCULAR PLANTS	CYPRIPEDIUM PARVIFLORUM	SMALL YELLOW LADY'S-SLIPPER	T	G5/S2
Southern	Laurel	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Southern	Laurel	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G57/S3
Southern	Laurel	VASCULAR PLANTS	VITIS RUPESTRIS	SAND GRAPE	T	G3/S2
Southern	Laurel	VASCULAR PLANTS	POTAMOGETON PULCHER	SPOTTED PONDWEED	T	G5/S1S2
Southern	Laurel	VASCULAR PLANTS	GRATIOLA PILOSA	SHAGGY HEDGE HYSSOP	T	G57/S2
Southern	Laurel	VASCULAR PLANTS	GRATIOLA VISCIDULA	SHORT'S HEDGEHYSSOP	S	G4G5/S3
Southern	Laurel	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Southern	Laurel	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Southern	Laurel	VASCULAR PLANTS	POLYGALA PAUCIFOLIA	GAYWINGS	E	G5/S1?
Southern	Laurel	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Southern	Laurel	VASCULAR PLANTS	LOBELIA NUTTALLII	NUTTALL'S LOBELIA	T	G4G5/S2
Southern	Laurel	VASCULAR PLANTS	SAXIFRAGA MICHAUXII	MICHAUX'S SAXIFRAGE	T	G4G5/S2
Southern	Laurel	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G57/S3
Southern	Laurel	VASCULAR PLANTS	CEANOTHUS HERBACEUS	PRAIRIE REDROOT	T	G5/S2
Southern	Laurel	VASCULAR PLANTS	PLATANATHERA INTEGRILABIA	WHITE FRINGELESS ORCHID	T/C	G2G3/S1S2
Southern	Laurel	VASCULAR PLANTS	LYCOPODIELLA APPRESSA	SOUTHERN BOG CLUBMOSS	E	G5/S1

Southern	Laurel	VASCULAR PLANTS	ASTER CONCOLOR	EASTERN SILVERY ASTER	T	G47/S2
Southern	Laurel	VASCULAR PLANTS	SOLIDAGO GRACILLIMA	SOUTHERN BOG GOLDENROD	S	G47/S2?
Southern	Laurel	VASCULAR PLANTS	CAREX GIGANTEA	LARGE SEDGE	T	G4/S2
Southern	Laurel	VASCULAR PLANTS	ERIOPHORUM VIRGINICUM	TAWNY COTTON-GRASS	E	G5/S1?
Southern	Laurel	VASCULAR PLANTS	AGERATINA LUCIAE-BRAUNIAE	LUCY BRAUN'S WHITE SNAKEROOT	S	G3/S3
Southern	Laurel	VASCULAR PLANTS	SOLIDAGO SIMPLEX SSP RANDII	RAND'S GOLDENROD	S	G5T57/S3
Southern	Laurel	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Southern	Laurel	VASCULAR PLANTS	ASTER SAXICASTELLII	ROCKCASTLE ASTER	T	G1G2/S1S2
Southern	Laurel	VASCULAR PLANTS	COMPTONIA PEREGRINA	SWEET FERN	E	G5/S1
Southern	Laurel	VASCULAR PLANTS	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED	S	G5/S3
Southern	Laurel	VASCULAR PLANTS	ACONITUM UNCINATUM	BLUE MONKSHOOD	T	G4/S2
Southern	Laurel	VASCULAR PLANTS	SOLIDAGO CURTISII	CURTIS' GOLDENROD	T	G5T4T5/S2S3
Southern	Laurel	VASCULAR PLANTS	PLATANThERA CRISTATA	YELLOW-CRESTED ORCHID	T	G5/S1S2
Southern	Laurel	VASCULAR PLANTS	SPIRAEA VIRGINIANA	VIRGINIA SPIRAEA	T/LT	G2/S2
Southern	Laurel	VASCULAR PLANTS	VITIS LABRUSCA	NORTHERN FOX GRAPE	S	G5/S2S3
Southern	Lincoln	BIRDS	CISTOTHORUS PLATENSIS	SEdge WREN	S	G5/S3B
Southern	Lincoln	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Southern	Lincoln	BIRDS	AMMODRAMUS HENSLowII	HENSLow'S SPARROW	S	G4/S3B
Southern	Lincoln	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Lincoln	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Lincoln	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Lincoln	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Lincoln	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Southern	Lincoln	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Lincoln	TERRESTRIAL COMMUNITIES	KNOBS SHALE BARRENS		N	S2S3
Southern	Lincoln	VASCULAR PLANTS	POLYGALA CRUCIATA	CROSSLEAF MILKWORT	E	G5/S1
Southern	Lincoln	VASCULAR PLANTS	LONICERA RETICULATA	GRAPE HONEYSUCKLE	E	G5/S1
Southern	Lincoln	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Southern	Lincoln	VASCULAR PLANTS	PRENANTHES ALBA	WHITE RATTLESNAKE-ROOT	E	G5/S1
Southern	Lincoln	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP HISPIDISSIMUM	HAIRY FALSE GROMWELL	E	G4G5T4/S1
Southern	Lincoln	VASCULAR PLANTS	NEMOPHILA APHYLLA	SMALL-FLOWER BABY-BLUE-EYES	T	G5/S2?
Southern	Lincoln	VASCULAR PLANTS	VIOLA SEPTEMLoba VAR EGGLESTONII	EGGLESTON'S VIOLET	S	G4/S3
Southern	Lincoln	VASCULAR PLANTS	HYDROPHYLLUM VIRGINIANUM	EASTERN WATERLEAF	S	G5/S3
Southern	Lincoln	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Southern	Lincoln	VASCULAR PLANTS	CAREX CRAWEI	CRAWE'S SEDGE	S	G5/S2S3
Southern	Lincoln	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Southern	Lincoln	VASCULAR PLANTS	BOUTELouA CURTIPENDULA	SIDE-OATS GRAMA	S	G5/S3?
Southern	McCreary	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	McCreary	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N

Southern	McCreary	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Southern	McCreary	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	McCreary	BIVALVES	PTYCHOBRANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Southern	McCreary	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	McCreary	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	McCreary	BIVALVES	EPIOBLASMA CAPSAEFORMIS	OYSTER MUSSEL	E/LE	G1/S1
Southern	McCreary	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Southern	McCreary	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	McCreary	BIVALVES	EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	E/LE	G1/S1
Southern	McCreary	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	McCreary	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	McCreary	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	McCreary	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Southern	McCreary	BIVALVES	ANODONTOIDES DENIGRATUS	CUMBERLAND PAPERSHELL	E	G1/S1
Southern	McCreary	BIVALVES	ALASMIDONTA ATROPURPUREA	CUMBERLAND ELKTOE	E/LE	G1G2/S1
Southern	McCreary	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	McCreary	CRUSTACEANS	CAMBARUS PARVOCULUS	A CRAYFISH	E	G4/S1
Southern	McCreary	CRUSTACEANS	ORCONECTES AUSTRALIS PACKARDI	A CRAYFISH	T	G4T3/S2S3
Southern	McCreary	FISHES	ETHEOSTOMA MICROLEPIDUM	SMALLSCALE DARTER	E	G2G3/S1
Southern	McCreary	FISHES	ETHEOSTOMA PERCNURUM	DUSKYTAIL DARTER	E/LE	G1/S1
Southern	McCreary	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Southern	McCreary	FISHES	NOTROPIS SP 4	SAWFIN SHINER	E	G4/S1
Southern	McCreary	FISHES	ETHEOSTOMA NIGRUM SUSANAE	JOHNNY DARTER	E/C	G2/S1
Southern	McCreary	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Southern	McCreary	FISHES	NOTROPIS ALBIZONATUS	PALEZONE SHINER	E/LE	G2/S1
Southern	McCreary	FISHES	ERIMYSTAX INSIGNIS	BLOTCHED CHUB	E	G3G4/S1
Southern	McCreary	FISHES	PERCINA SQUAMATA	OLIVE DARTER	E	G3/S1
Southern	McCreary	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Southern	McCreary	FISHES	ETHEOSTOMA CINEREUM	ASHY DARTER	S	G2G3/S3
Southern	McCreary	GASTROPODS	APPALACHINA CHILHOWEENSIS	QUEEN CRATER	S	G7/S1
Southern	McCreary	GASTROPODS	PLEUROCERA CURTA	SHORTSPIRE HORNSNAIL	S	G2/S2
Southern	McCreary	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Southern	McCreary	GASTROPODS	FUMONELIX WETHERBYI	CLIFTY COVERT	S	G7/S2
Southern	McCreary	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Southern	McCreary	INSECTS	STYLURUS SCUDDERI	ZEBRA CLUBTAIL	N	G4/SH
Southern	McCreary	INSECTS	MANOPHYLAX BUTLERI	A LIMNEPHILID CADDISFLY	S	G2/S2
Southern	McCreary	INSECTS	HABROPHLEBIODES CELETERIA		H	G2/SH
Southern	McCreary	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	McCreary	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Southern	McCreary	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	McCreary	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	McCreary	MAMMALS	SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	S	G5/S2S3
Southern	McCreary	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Southern	McCreary	NONVASCULAR PLANTS	ORTHOTRICHUM DIAPHANUM		E	G5/S1?
Southern	McCreary	NONVASCULAR PLANTS	DICRANODONTIUM ASPERULUM		E	G4G5/S1?
Southern	McCreary	NONVASCULAR PLANTS	CIRRIPHYLLUM PILIFERUM		T	G5/S2?
Southern	McCreary	NONVASCULAR PLANTS	ANOMODON RUGELII		T	G5/S2?
Southern	McCreary	NONVASCULAR PLANTS	BRYUM MINIATUM		E	G3G4/S1?
Southern	McCreary	PALUSTRINE COMMUNITIES	APPALACHIAN ACID SEEP		N	S2



Southern	McCreary	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Southern	McCreary	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Southern	McCreary	REPTILES	OPHISAURUS ATTENUATUS LONGICAUDUS	EASTERN SLENDER GLASS LIZARD	T	G5T5/S2
Southern	McCreary	REPTILES	LAMPROPELTIS TRIANGULUM ELAPSOIDES	SCARLET KINGSLAKE	S	G5T5/S3
Southern	McCreary	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Southern	McCreary	REPTILES	EUMECES ANTHRACINUS ANTHRACINUS	NORTHERN COAL SKINK	T	G5T5/S2
Southern	McCreary	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Southern	McCreary	RIVERINE COMMUNITIES	CUMBERLAND PLATEAU GRAVEL/COBBLE BAR		N	S2
Southern	McCreary	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Southern	McCreary	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Southern	McCreary	TERRESTRIAL COMMUNITIES	APPALACHIAN PINE-OAK FOREST		N	S5
Southern	McCreary	TERRESTRIAL COMMUNITIES	SILTSTONE/SHALE GLADE		N	SU
Southern	McCreary	VASCULAR PLANTS	ORONTIUM AQUATICUM	GOLDEN CLUB	T	G5/S2
Southern	McCreary	VASCULAR PLANTS	MATELEA CAROLINENSIS	CAROLINA ANGLEPOD	E	G4/S1?
Southern	McCreary	VASCULAR PLANTS	MELANTHIUM PARVIFLORUM	APPALACHIAN BUNCHFLOWER	E	G4?/S1
Southern	McCreary	VASCULAR PLANTS	MINUARTIA CUMBERLANDENSIS	CUMBERLAND SANDWORT	E/LE	G2/S1
Southern	McCreary	VASCULAR PLANTS	MINUARTIA GLABRA	APPALACHIAN SANDWORT	T	G4/S1S2
Southern	McCreary	VASCULAR PLANTS	MONOTROPSIS ODORATA	SWEET PINESAP	T	G3/S2
Southern	McCreary	VASCULAR PLANTS	OENOTHERA PERENNIS	SMALL SUNDROPS	E	G5/S1S2
Southern	McCreary	VASCULAR PLANTS	PARNASSIA ASARIFOLIA	KIDNEYLEAF GRASS-OF-PARNASSUS	E	G4/S1
Southern	McCreary	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2
Southern	McCreary	VASCULAR PLANTS	PHILADELPHUS INODORUS	MOCK ORANGE	T	G4G5/S1S2
Southern	McCreary	VASCULAR PLANTS	OENOTHERA LINIFOLIA	THREAD-LEAF SUNDROPS	E	G5/S1S2
Southern	McCreary	VASCULAR PLANTS	MARSHALLIA GRANDIFLORA	BARBARA'S BUTTONS	E	G2/S1
Southern	McCreary	VASCULAR PLANTS	VITIS RUPESTRIS	SAND GRAPE	T	G3/S2
Southern	McCreary	VASCULAR PLANTS	LOBELIA NUTTALLII	NUTTALL'S LOBELIA	T	G4G5/S2
Southern	McCreary	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Southern	McCreary	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Southern	McCreary	VASCULAR PLANTS	LATHYRUS PALUSTRIS	VETCHLING PEAVINE	T	G5/S2
Southern	McCreary	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Southern	McCreary	VASCULAR PLANTS	HYDROCOTYLE AMERICANA	AMERICAN WATER-PENNYWORT	E	G5/S1
Southern	McCreary	VASCULAR PLANTS	HEXASTYLIS CONTRACTA	SOUTHERN HEARTLEAF	E	G3/S1
Southern	McCreary	VASCULAR PLANTS	PLATANThERA CRISTATA	YELLOW-CRESTED ORCHID	T	G5/S1S2
Southern	McCreary	VASCULAR PLANTS	SPHENOPHOLIS PENNSYLVANICA	SWAMP WEDGESCALE	S	G4/S1S2
Southern	McCreary	VASCULAR PLANTS	GYMNOPOGON AMBIGUUS	BEARDED SKELETONGRASS	S	G4/S2S3
Southern	McCreary	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Southern	McCreary	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5?/S3
Southern	McCreary	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Southern	McCreary	VASCULAR PLANTS	MAIANthemUM CANADENSE	WILD LILY-OF-THE-VALLEY	T	G5/S2

Southern	McCreary	VASCULAR PLANTS	GRATIOLA PILOSA	SHAGGY HEDGE HYSSOP	T	G57/S2
Southern	McCreary	VASCULAR PLANTS	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED	S	G5/S3
Southern	McCreary	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Southern	McCreary	VASCULAR PLANTS	TOXICODENDRON VERNIX	POISON SUMAC	E	G5/S1
Southern	McCreary	VASCULAR PLANTS	THUJA OCCIDENTALIS	NORTHERN WHITE CEDAR	T	G5/S2S3
Southern	McCreary	VASCULAR PLANTS	TEPHROSIA SPICATA	SPIKED HOARY-PEA	E	G4G5/S1S2
Southern	McCreary	VASCULAR PLANTS	TALINUM TERETIFOLIUM	ROUNDLEAF FAMEFLOWER	T	G4/S2
Southern	McCreary	VASCULAR PLANTS	STENANTHIUM GRAMINEUM	EASTERN FEATHERBELLS	T	G4G5/S2S3
Southern	McCreary	VASCULAR PLANTS	SPOROBOLUS CLANDESTINUS	ROUGH DROPSEED	T	G5/S2S3
Southern	McCreary	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Southern	McCreary	VASCULAR PLANTS	SILENE REGIA	ROYAL CATCHFLY	E	G3/S1
Southern	McCreary	VASCULAR PLANTS	SOLIDAGO SIMPLEX SSP RANDII	RAND'S GOLDENROD	S	G5T57/S3
Southern	McCreary	VASCULAR PLANTS	PLATANATHERA INTEGRILABIA	WHITE FRINGELESS ORCHID	T/C	G2G3/S1S2
Southern	McCreary	VASCULAR PLANTS	SCLERIA CILIATA VAR CILIATA	FRINGED NUTRUSH	E	G5T7/S1?
Southern	McCreary	VASCULAR PLANTS	SCHWALBEA AMERICANA	CHAFFSEED	H/LE	G2/SH
Southern	McCreary	VASCULAR PLANTS	SCHISANDRA GLABRA	BAY STARVINE	E	G3/S1
Southern	McCreary	VASCULAR PLANTS	SAXIFRAGA MICHAUXII	MICHAUX'S SAXIFRAGE	T	G4G5/S2
Southern	McCreary	VASCULAR PLANTS	SALVIA URTICIFOLIA	NETTLE-LEAF SAGE	E	G5/S1
Southern	McCreary	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G57/S3
Southern	McCreary	VASCULAR PLANTS	RHYNCHOSIA TOMENTOSA	HAIRY SNOUTBEAN	E	G5/S1
Southern	McCreary	VASCULAR PLANTS	PRENANTHES CREPIDINEA	NODDING RATTLESNAKE-ROOT	T	G3G4/S2
Southern	McCreary	VASCULAR PLANTS	POTAMOGETON ILLINOENSIS	ILLINOIS PONDWEED	S	G5/S2
Southern	McCreary	VASCULAR PLANTS	POLYGALA POLYGAMA	RACEMED MILKWORT	T	G5/S2
Southern	McCreary	VASCULAR PLANTS	POLYGALA CRUCIATA	CROSSLEAF MILKWORT	E	G5/S1
Southern	McCreary	VASCULAR PLANTS	PODOSTEMUM CERATOPHYLLUM	THREADFOOT	S	G5/S3
Southern	McCreary	VASCULAR PLANTS	SPIRAEA VIRGINIANA	VIRGINIA SPIRAEA	T/LT	G2/S2
Southern	McCreary	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Southern	McCreary	VASCULAR PLANTS	COREOPSIS PUBESCENS	STAR TICKSEED	S	G57/S2S3
Southern	McCreary	VASCULAR PLANTS	CAREX JOORII	CYPRESS-SWAMP SEDGE	E	G4G5/S1S2
Southern	McCreary	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Southern	McCreary	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Southern	McCreary	VASCULAR PLANTS	CALYCANTHUS FLORIDUS VAR GLAUCUS	EASTERN SWEETSHRUB	T	G5T5/S2
Southern	McCreary	VASCULAR PLANTS	DESCHAMPSIA FLEXUOSA	CRINKLED HAIRGRASS	T	G5/S2
Southern	McCreary	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Southern	McCreary	VASCULAR PLANTS	CYPERUS PLUKENETII	PLUKENET'S CYPERUS	H	G5/SH
Southern	McCreary	VASCULAR PLANTS	CEANOTHUS HERBACEUS	PRAIRIE REDROOT	T	G5/S2
Southern	McCreary	VASCULAR PLANTS	CHRYSOGONUM VIRGINIANUM	GREEN-AND-GOLD	E	G5/S1

Southern	McCreary	VASCULAR PLANTS	COMPTONIA PEREGRINA	SWEET FERN	E	G5/S1
Southern	McCreary	VASCULAR PLANTS	CONRADINA VERTICILLATA	CUMBERLAND ROSEMARY	E/LT	G3/S1
Southern	McCreary	VASCULAR PLANTS	DICHANTHELIUM BOREALE	NORTHERN WITCHGRASS	S	G5/S2S3
Southern	McCreary	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	McCreary	VASCULAR PLANTS	EUPHORBIA MERCURIALINA	MERCURY SPURGE	T	G4/S1S2
Southern	McCreary	VASCULAR PLANTS	ACONITUM UNCINATUM	BLUE MONKSHOOD	T	G4/S2
Southern	McCreary	VASCULAR PLANTS	AGALINIS OBTUSIFOLIA	TEN-LOBE FALSE FOXGLOVE	E	G4G5Q/S1
Southern	McCreary	VASCULAR PLANTS	AGERATINA LUCIAE-BRAUNIAE	LUCY BRAUN'S WHITE SNAKEROOT	S	G3/S3
Southern	McCreary	VASCULAR PLANTS	CAREX AESTIVALIS	SUMMER SEDGE	E	G4/S1
Southern	McCreary	VASCULAR PLANTS	ASTER SAXICASTELLII	ROCKCASTLE ASTER	T	G1G2/S1S2
Southern	McCreary	VASCULAR PLANTS	CAREX GIGANTEA	LARGE SEDGE	T	G4/S2
Southern	McCreary	VASCULAR PLANTS	BAPTISIA TINCTORIA	YELLOW WILD INDIGO	T	G5/S1S2
Southern	McCreary	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Southern	McCreary	VASCULAR PLANTS	BERBERIS CANADENSIS	AMERICAN BARBERRY	E	G3/SR
Southern	McCreary	VASCULAR PLANTS	BOYKINIA ACONITIFOLIA	BROOK SAXIFRAGE	T	G4/S2
Southern	McCreary	VASCULAR PLANTS	ASTER CONCOLOR	EASTERN SILVERY ASTER	T	G47/S2
Southern	Meade	AMPHIBIANS	HYLA VERSICOLOR	GRAY TREEFROG	S	G5/S2S3
Southern	Meade	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Meade	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Southern	Meade	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Meade	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Meade	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Meade	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Meade	BIRDS	CISTOTHORUS PLATENSIS	SEEDGE WREN	S	G5/S3B
Southern	Meade	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Meade	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Meade	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Meade	CRUSTACEANS	ORCONECTES INERMIS INERMIS		S	G4T3T4/S3
Southern	Meade	CRUSTACEANS	GAMMARUS BOUSFIELDI	BOUSFIELD'S AMPHIPOD	E	G1/S1
Southern	Meade	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Southern	Meade	FISHES	LOTA LOTA	BURBOT	S	G5/SU
Southern	Meade	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Southern	Meade	FISHES	AMBLYOPSIS SPELAEA	NORTHERN CAVEFISH	S	G3/S3
Southern	Meade	INSECTS	CALEPHELIS MUTICA	SWAMP METALMARK	S	G3G4/S2
Southern	Meade	INSECTS	POLYGONIA FAUNUS	GREEN COMMA	H	G5/SH
Southern	Meade	INSECTS	DRYOBIOUS SEXNOTATUS	SIXBANDED LONGHORN BEETLE	T	G7/S1
Southern	Meade	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Meade	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Meade	OTHER TYPES	PSEUDOTREMIA AMPHIORAX		T	G1G2/S1S2
Southern	Meade	REPTILES	LAMPROPELTIS TRIANGULUM ELAPSOIDES	SCARLET KINGSSNAKE	S	G5T5/S3
Southern	Meade	TERRESTRIAL COMMUNITIES	DEEP SOIL MESOPHYTIC FOREST		N	S5
Southern	Meade	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Meade	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3

Southern	Meade	VASCULAR PLANTS	SILPHIUM LACINIATUM VAR LACINIATUM	COMPASS PLANT	E	G5T?/S1S2
Southern	Meade	VASCULAR PLANTS	RANUNCULUS AMBIGENS	WATERPLANTAIN SPEARWORT	S	G4/S3
Southern	Meade	VASCULAR PLANTS	MYRIOPHYLLUM HETEROPHYLLUM	BROADLEAF WATER-MILFOIL	S	G5/S3?
Southern	Meade	VASCULAR PLANTS	TRILLIUM NIVALE	SNOW TRILLIUM	E	G4/S1
Southern	Meade	VASCULAR PLANTS	SEDUM TELEPHIOIDES	ALLEGHENY STONECROP	T	G4/S2
Southern	Meade	VASCULAR PLANTS	NAJAS GRACILLIMA	THREAD-LIKE NAIAD	S	G5?/S2S3
Southern	Meade	VASCULAR PLANTS	SPIRANTHES MAGNICAMPORUM	GREAT PLAINS LADIES'-TRESSES	T	G4/S2
Southern	Meade	VASCULAR PLANTS	SCUTELLARIA SAXATILIS	ROCK SKULLCAP	T	G3/S2S3
Southern	Meade	VASCULAR PLANTS	MELANTHIUM WOODII	WOOD BUNCHFLOWER	T	G5/S2
Southern	Meade	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Southern	Meade	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2
Southern	Meade	VASCULAR PLANTS	STACHYS EPLINGII	EPLING'S HEDGENETTLE	E	G5/S1
Southern	Meade	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Southern	Metcalfe	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Metcalfe	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Metcalfe	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Metcalfe	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Metcalfe	FISHES	THOBUERNIA ATRIPINNIS	BLACKFIN SUCKER	S	G2/S2
Southern	Metcalfe	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Metcalfe	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Southern	Metcalfe	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Southern	Metcalfe	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Southern	Metcalfe	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Metcalfe	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Metcalfe	PALUSTRINE COMMUNITIES	SHRUB SWAMP		N	S5
Southern	Metcalfe	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Southern	Metcalfe	VASCULAR PLANTS	LUDWIGIA HIRTELLA	HAIRY LUDWIGIA	E	G5/S1
Southern	Metcalfe	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Metcalfe	VASCULAR PLANTS	GLYCERIA ACUTIFLORA	SHARP-SCALED MANNA-GRASS	T	G5/S2
Southern	Metcalfe	VASCULAR PLANTS	POLYGALA NUTTALLII	NUTTALL'S MILKWORT	H	G5/SH
Southern	Metcalfe	VASCULAR PLANTS	POTAMOGETON PULCHER	SPOTTED PONDWEED	T	G5/S1S2
Southern	Ohio	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Ohio	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Southern	Ohio	BIRDS	ASIO FLAMMEUS	SHORT-EARED OWL	E	G5/S1B,S2N
Southern	Ohio	BIRDS	CIRCUS CYANEUS	NORTHERN HARRIER	T	G5/S1S2B,S4N
Southern	Ohio	BIRDS	GALLINULA CHLOROPUS	COMMON MOORHEN	T	G5/S1S2B
Southern	Ohio	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Ohio	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Southern	Ohio	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Ohio	BIRDS	VIREO BELLII	BELL'S VIREO	S	G5/S2S3B
Southern	Ohio	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Ohio	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1

Southern	Ohio	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Ohio	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Ohio	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Southern	Ohio	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Ohio	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Ohio	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Ohio	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Ohio	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Ohio	FISHES	HYBOPSIS AMNIS	PALLID SHINER	H	G4/SH
Southern	Ohio	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Southern	Ohio	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Southern	Ohio	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Southern	Ohio	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Southern	Ohio	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Southern	Ohio	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Southern	Ohio	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Southern	Ohio	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Southern	Ohio	VASCULAR PLANTS	CARYA AQUATICA	WATER HICKORY	T	G5/S2S3
Southern	Ohio	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Southern	Pulaski	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Pulaski	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Pulaski	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Pulaski	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Pulaski	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Pulaski	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B,S3S4N
Southern	Pulaski	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Pulaski	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Southern	Pulaski	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Southern	Pulaski	BIVALVES	ALASMIDONTA ATROPURPUREA	CUMBERLAND ELKTOE	E/LE	G1G2/S1
Southern	Pulaski	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Southern	Pulaski	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Pulaski	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Pulaski	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Southern	Pulaski	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Southern	Pulaski	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Pulaski	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Pulaski	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Pulaski	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Pulaski	BIVALVES	EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	E/LE	G1/S1
Southern	Pulaski	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Pulaski	BIVALVES	PTYCHOBRANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Southern	Pulaski	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Pulaski	BIVALVES	VILLOSA VANUXEMENSIS	MOUNTAIN CREEKSHELL	T	G4/S2
Southern	Pulaski	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Pulaski	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Pulaski	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Pulaski	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Pulaski	BIVALVES	EPIOBLASMA CAPSAEFORMIS	OYSTER MUSSEL	E/LE	G1/S1

Southern	Pulaski	CRUSTACEANS	ORCONECTES AUSTRALIS PACKARDI	A CRAYFISH	T	G4T3/S2S3
Southern	Pulaski	FISHES	HYBOPSIS AMNIS	PALLID SHINER	H	G4/SH
Southern	Pulaski	FISHES	ETHEOSTOMA MICROLEPIDUM	SMALLSCALE DARTER	E	G2G3/S1
Southern	Pulaski	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Southern	Pulaski	FISHES	TYPHLICHTHYS SUBTERRANEUS	SOUTHERN CAVEFISH	S	G4/S2S3
Southern	Pulaski	FISHES	NOTROPIS SP 4	SAWFIN SHINER	E	G4/S1
Southern	Pulaski	FISHES	ETHEOSTOMA CINEREUM	ASHY DARTER	S	G2G3/S3
Southern	Pulaski	FISHES	PHOXINUS CUMBERLANDENSIS	BLACKSIDE DACE	T/LT	G2/S2
Southern	Pulaski	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Southern	Pulaski	GASTROPODS	PLEUROCERA ALVEARE	RUGGED HORNSNAIL	S	G3G4/S3S4
Southern	Pulaski	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Southern	Pulaski	GASTROPODS	FUMONELIX WETHERBYI	CLIFTY COVERT	S	G7/S2
Southern	Pulaski	GASTROPODS	LEPTOXIS PRAEROSA	ONYX ROCKSNAIL	S	G5/S3S4
Southern	Pulaski	INSECTS	STENONEMA BEDNARIKI	A HEPTAGENIID MAYFLY	S	G3/S2
Southern	Pulaski	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Pulaski	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Southern	Pulaski	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Pulaski	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Pulaski	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Southern	Pulaski	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Southern	Pulaski	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Pulaski	OTHER TYPES	PSEUDOTREMIA SPIRA		T	G1G2/S1S2
Southern	Pulaski	PALUSTRINE COMMUNITIES	ACID SEEP		N	S3S4
Southern	Pulaski	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Southern	Pulaski	PALUSTRINE COMMUNITIES	DEPRESSION SWAMP		N	S2
Southern	Pulaski	REPTILES	EUMECES INEXPECTATUS	SOUTHEASTERN FIVE-LINED SKINK	S	G5/S3
Southern	Pulaski	RIVERINE COMMUNITIES	CUMBERLAND PLATEAU GRAVEL/COBBLE BAR		N	S2
Southern	Pulaski	TERRESTRIAL COMMUNITIES	XEROHYDRIC FLATWOODS		N	S1
Southern	Pulaski	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Southern	Pulaski	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Southern	Pulaski	TERRESTRIAL COMMUNITIES	APPALACHIAN PINE-OAK FOREST		N	S5
Southern	Pulaski	TERRESTRIAL COMMUNITIES	HEMLOCK-MIXED FOREST		N	S5
Southern	Pulaski	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Southern	Pulaski	VASCULAR PLANTS	LUDWIGIA HIRTELLA	HAIRY LUDWIGIA	E	G5/S1
Southern	Pulaski	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2
Southern	Pulaski	VASCULAR PLANTS	PHILADELPHUS INODORUS	MOCK ORANGE	T	G4G5/S1S2
Southern	Pulaski	VASCULAR PLANTS	MUHLENBERGIA CUSPIDATA	PLAINS MUHLY	T	G4/S2
Southern	Pulaski	VASCULAR PLANTS	VITIS RUPESTRIS	SAND GRAPE	T	G3/S2
Southern	Pulaski	VASCULAR PLANTS	LYCOPODIELLA APPRESSA	SOUTHERN BOG CLUBMOSS	E	G5/S1
Southern	Pulaski	VASCULAR PLANTS	LONICERA DIOICA VAR ORIENTALIS	WILD HONEYSUCKLE	H	G5T?Q/SH
Southern	Pulaski	VASCULAR PLANTS	LOBELIA NUTTALLII	NUTTALL'S LOBELIA	T	G4G5/S2
Southern	Pulaski	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Southern	Pulaski	VASCULAR PLANTS	LESPEDEZA CAPITATA	ROUND-HEAD BUSH-CLOVER	S	G5/S3

Southern	Pulaski	VASCULAR PLANTS	PHILADELPHUS PUBESCENS	HOARY MOCK ORANGE	E	G5?/S1
Southern	Pulaski	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Southern	Pulaski	VASCULAR PLANTS	SOLIDAGO SIMPLEX SSP RANDII	RAND'S GOLDENROD	S	G5T5?/S3
Southern	Pulaski	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Southern	Pulaski	VASCULAR PLANTS	GYMNOPOGON BREVIFOLIUS	SHORTLEAF SKELETONGRASS	E	G5/S1
Southern	Pulaski	VASCULAR PLANTS	JUNIPERUS COMMUNIS VAR DEPRESSA	GROUND JUNIPER	T	G5T5/S2
Southern	Pulaski	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Southern	Pulaski	VASCULAR PLANTS	GYMNOPOGON AMBIGUUS	BEARDED SKELETONGRASS	S	G4/S2S3
Southern	Pulaski	VASCULAR PLANTS	MINUARTIA GLABRA	APPALACHIAN SANDWORT	T	G4/S1S2
Southern	Pulaski	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Southern	Pulaski	VASCULAR PLANTS	TRAGIA URTICIFOLIA	NETTLE-LEAF NOSEBURN	E	G5/S1?
Southern	Pulaski	VASCULAR PLANTS	THUJA OCCIDENTALIS	NORTHERN WHITE CEDAR	T	G5/S2S3
Southern	Pulaski	VASCULAR PLANTS	TAXUS CANADENSIS	CANADIAN YEW	T	G5/S2S3
Southern	Pulaski	VASCULAR PLANTS	SAXIFRAGA MICHAUXII	MICHAUX'S SAXIFRAGE	T	G4G5/S2
Southern	Pulaski	VASCULAR PLANTS	SPOROBOLUS CLANDESTINUS	ROUGH DROPSEED	T	G5/S2S3
Southern	Pulaski	VASCULAR PLANTS	PLATANThERA CRISTATA	YELLOW-CRESTED ORCHID	T	G5/S1S2
Southern	Pulaski	VASCULAR PLANTS	SPIRAEA VIRGINIANA	VIRGINIA SPIRAEA	T/LT	G2/S2
Southern	Pulaski	VASCULAR PLANTS	SOLIDAGO GRACILLIMA	SOUTHERN BOG GOLDENROD	S	G4?/S2?
Southern	Pulaski	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G5?/S3
Southern	Pulaski	VASCULAR PLANTS	RHYNCHOSIA TOMENTOSA	HAIRY SNOUTBEAN	E	G5/S1
Southern	Pulaski	VASCULAR PLANTS	POTAMOGETON ILLINOENSIS	ILLINOIS PONDWEED	S	G5/S2
Southern	Pulaski	VASCULAR PLANTS	PLATANThERA INTEGRILABIA	WHITE FRINGELESS ORCHID	T/C	G2G3/S1S2
Southern	Pulaski	VASCULAR PLANTS	TALINUM TERETIFOLIUM	ROUNDLEAF FAMEFLOWER	T	G4/S2
Southern	Pulaski	VASCULAR PLANTS	ASTER CONCOLOR	EASTERN SILVERY ASTER	T	G4?/S2
Southern	Pulaski	VASCULAR PLANTS	DROSERA BREVIFOLIA	DWARF SUNDEW	E	G5/S1
Southern	Pulaski	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Pulaski	VASCULAR PLANTS	CEANOTHUS HERBACEUS	PRAIRIE REDROOT	T	G5/S2
Southern	Pulaski	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Southern	Pulaski	VASCULAR PLANTS	CALOPOGON TUBEROSUS	GRASS PINK	E	G5/S1
Southern	Pulaski	VASCULAR PLANTS	ASTER SAXICASTELLII	ROCKCASTLE ASTER	T	G1G2/S1S2
Southern	Pulaski	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Southern	Pulaski	VASCULAR PLANTS	AGERATINA LUCIAE-BRAUNIAE	LUCY BRAUN'S WHITE SNAKEROOT	S	G3/S3
Southern	Pulaski	VASCULAR PLANTS	AGALINIS OBTUSIFOLIA	TEN-LOBE FALSE FOXGLOVE	E	G4G5Q/S1
Southern	Pulaski	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Southern	Pulaski	VASCULAR PLANTS	ACER SPICATUM	MOUNTAIN MAPLE	E	G5/S1S2
Southern	Pulaski	VASCULAR PLANTS	CAREX JOORII	CYPRESS-SWAMP SEDGE	E	G4G5/S1S2
Southern	Rockcastle	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3

Southern	Rockcastle	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Rockcastle	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Rockcastle	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Rockcastle	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Southern	Rockcastle	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Southern	Rockcastle	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Southern	Rockcastle	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Rockcastle	BIVALVES	ALASMIDONTA ATROPURPUREA	CUMBERLAND ELKTOE	E/LE	G1G2/S1
Southern	Rockcastle	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Rockcastle	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Rockcastle	BIVALVES	EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	E/LE	G1/S1
Southern	Rockcastle	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Rockcastle	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Rockcastle	BIVALVES	PTYCHOBRANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Southern	Rockcastle	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Rockcastle	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Rockcastle	CRUSTACEANS	ORCONECTES AUSTRALIS PACKARDI	A CRAYFISH	T	G4T3/S2S 3
Southern	Rockcastle	FISHES	PERCINA SQUAMATA	OLIVE DARTER	E	G3/S1
Southern	Rockcastle	FISHES	PHENACOBIOUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Rockcastle	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Southern	Rockcastle	FISHES	ETHEOSTOMA CINEREUM	ASHY DARTER	S	G2G3/S3
Southern	Rockcastle	GASTROPODS	PLEUROCERA CURTA	SHORTSPIRE HORNSNAIL	S	G2/S2
Southern	Rockcastle	INSECTS	OPHIOMOPHUS HOWEI	PYGMY SNAKETAILED	S	G3/S1S2
Southern	Rockcastle	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Rockcastle	INSECTS	OPHIOMOPHUS MAINENSIS	MAINE SNAKETAILED	N	G4/S1
Southern	Rockcastle	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Rockcastle	MAMMALS	CORYNORHINUS TOWNSENDII VIRGINIANUS	VIRGINIA BIG-EARED BAT	E/LE	G4T2/S1
Southern	Rockcastle	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Rockcastle	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Southern	Rockcastle	OTHER TYPES	PSEUDOTREMIA UNCA		T	G1G2/S1S 2
Southern	Rockcastle	RIVERINE COMMUNITIES	CUMBERLAND PLATEAU GRAVEL/COBBLE BAR		N	S2
Southern	Rockcastle	TERRESTRIAL COMMUNITIES	APPALACHIAN MESOPHYTIC FOREST		N	S5
Southern	Rockcastle	TERRESTRIAL COMMUNITIES	APPALACHIAN PINE-OAK FOREST		N	S5
Southern	Rockcastle	TERRESTRIAL COMMUNITIES	APPALACHIAN SUB-XERIC FOREST		N	S5
Southern	Rockcastle	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Southern	Rockcastle	VASCULAR PLANTS	CAREX HYSTERICINA	PORCUPINE SEDGE	H	G5/SH
Southern	Rockcastle	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Southern	Rockcastle	VASCULAR PLANTS	LILIUM PHILADELPHICUM	WOOD LILY	T	G5/S2S3
Southern	Rockcastle	VASCULAR PLANTS	HEDEOMA HISPIDUM	ROUGH PENNYROYAL	T	G5/S2
Southern	Rockcastle	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5/S3
Southern	Rockcastle	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Southern	Rockcastle	VASCULAR PLANTS	CYPRIPEDIUM KENTUCKIENSE	KENTUCKY LADY'S-SLIPPER	S	G3/S2S3
Southern	Rockcastle	VASCULAR PLANTS	SPIRAEA VIRGINIANA	VIRGINIA SPIRAEA	T/LT	G2/S2
Southern	Rockcastle	VASCULAR PLANTS	OENOTHERA PERENNIS	SMALL SUNDROPS	E	G5/S1S2
Southern	Rockcastle	VASCULAR PLANTS	VITIS LABRUSCA	NORTHERN FOX GRAPE	S	G5/S2S3



Southern	Rockcastle	VASCULAR PLANTS	PRENANTHES CREPIDINEA	NODDING RATTLESNAKE-ROOT	T	G3G4/S2
Southern	Rockcastle	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Southern	Rockcastle	VASCULAR PLANTS	CASTILLEJA COCCINEA	SCARLET INDIAN PAINTBRUSH	E	G5/S1
Southern	Russell	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Russell	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Southern	Russell	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Southern	Russell	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Russell	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Southern	Russell	BIVALVES	EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	E/LE	G1/S1
Southern	Russell	BIVALVES	EPIOBLASMA CAPSAEFORMIS	OYSTER MUSSEL	E/LE	G1/S1
Southern	Russell	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Russell	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Russell	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Russell	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Southern	Russell	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Russell	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Russell	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Russell	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Russell	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Russell	BIVALVES	PTYCHOBRANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Southern	Russell	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Russell	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Southern	Russell	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Russell	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Russell	BIVALVES	VILLOSA VANUXEMENSIS	MOUNTAIN CREEKSHELL	T	G4/S2
Southern	Russell	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Russell	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Russell	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Russell	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Russell	GASTROPODS	PLEUROCERA CURTA	SHORTSPIRE HORNSNAIL	S	G2/S2
Southern	Russell	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Southern	Russell	GASTROPODS	LEPTOXIS PRAEROSA	ONYX ROCKSNAIL	S	G5/S3S4
Southern	Russell	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S 4
Southern	Russell	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Southern	Russell	VASCULAR PLANTS	THUJA OCCIDENTALIS	NORTHERN WHITE CEDAR	T	G5/S2S3
Southern	Russell	VASCULAR PLANTS	POLYGALA CRUCIATA	CROSSLEAF MILKWORT	E	G5/S1
Southern	Russell	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Southern	Russell	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Southern	Russell	VASCULAR PLANTS	PHILADELPHUS INODORUS	MOCK ORANGE	T	G4G5/S1S 2
Southern	Russell	VASCULAR PLANTS	TRILLIUM PUSILLUM	LEAST TRILLIUM	E	G3/S1
Southern	Russell	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Taylor	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Taylor	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Taylor	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Taylor	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Taylor	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B

Southern	Taylor	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Taylor	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Taylor	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Taylor	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Taylor	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Taylor	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Southern	Taylor	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Taylor	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Taylor	FISHES	NOTURUS EXILIS	SLENDER MADTOM	E	G5/S1
Southern	Taylor	INSECTS	DRYOBIUS SEXNOTATUS	SIXBANDED LONGHORN BEETLE	T	G7/S1
Southern	Taylor	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Taylor	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Taylor	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Taylor	TERRESTRIAL COMMUNITIES	XEROHYDRIC FLATWOODS		N	S1
Southern	Taylor	TERRESTRIAL COMMUNITIES	SILTSTONE/SHALE GLADE		N	SU
Southern	Taylor	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Taylor	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Southern	Taylor	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Warren	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Southern	Warren	BIRDS	PODILYMBUS PODICEPS	PIED-BILLED GREBE	E	G5/S1B,S 4N
Southern	Warren	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Southern	Warren	BIRDS	GALLINULA CHLOROPUS	COMMON MOORHEN	T	G5/S1S2B
Southern	Warren	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Southern	Warren	BIRDS	FULICA AMERICANA	AMERICAN COOT	H	G5/S1B,S ZN
Southern	Warren	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Southern	Warren	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Southern	Warren	BIRDS	ANAS CLYPEATA	NORTHERN SHOVELER	E	G5/S1
Southern	Warren	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Southern	Warren	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Southern	Warren	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Southern	Warren	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Warren	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B S3S4N
Southern	Warren	BIRDS	ANAS DISCORS	BLUE-WINGED TEAL	E	G5/S1S2B
Southern	Warren	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Warren	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Warren	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Warren	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Warren	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Warren	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Warren	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Warren	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Warren	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Southern	Warren	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Warren	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Warren	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Southern	Warren	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Warren	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Southern	Warren	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2

Southern	Warren	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Warren	BIVALVES	VILLOSA FABALIS	RAYED BEAN	E	G1G2/S1
Southern	Warren	BIVALVES	EPIOBLASMA TORULOSA RANGIANA	NORTHERN RIFFLESHELL	E/LE	G2T2/S1
Southern	Warren	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Southern	Warren	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Southern	Warren	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Warren	CRUSTACEANS	BARBICAMBARUS CORNUTUS	BOTTLEBRUSH CRAYFISH	S	G3G4/S2
Southern	Warren	CRUSTACEANS	PALAEMONIAS GANTERI	MAMMOTH CAVE SHRIMP	E/LE	G1/S1
Southern	Warren	CRUSTACEANS	ORCONECTES PELLUCIDUS	A CRAYFISH	S	G3/S3
Southern	Warren	FISHES	TYPHLICHTHYS SUBTERRANEUS	SOUTHERN CAVEFISH	S	G4/S2S3
Southern	Warren	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Southern	Warren	FISHES	PHENACOBIVUS URANOPS	STARGAZING MINNOW	S	G4/S2S3
Southern	Warren	FISHES	ETHEOSTOMA MACULATUM	SPOTTED DARTER	T	G2/S2
Southern	Warren	FISHES	HYBOPSIS AMNIS	PALLID SHINER	H	G4/SH
Southern	Warren	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Southern	Warren	GASTROPODS	RABDOTUS DEALBATUS	WHITEWASHED RABDOTUS	T	G7/S1
Southern	Warren	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Warren	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Warren	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Southern	Warren	OTHER TYPES	KLEPTOCHTHONIUS MICROPHTHALMUS		T	G1G2/S1S2
Southern	Warren	TERRESTRIAL COMMUNITIES	LIMESTONE PRAIRIE		N	S1
Southern	Warren	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Southern	Warren	TERRESTRIAL COMMUNITIES	SANDSTONE BARRENS		N	S1
Southern	Warren	TERRESTRIAL COMMUNITIES	SHAWNEE HILLS SANDSTONE GLADE		N	S2
Southern	Warren	TERRESTRIAL COMMUNITIES	SANDSTONE PRAIRIE		N	S1
Southern	Warren	VASCULAR PLANTS	XEROPHYLLUM ASPHODELOIDES	EASTERN TURKEYBEARD	H	G4/SH
Southern	Warren	VASCULAR PLANTS	ISOETES MELANOPODA	BLACKFOOT QUILLWORT	E	G5/S1
Southern	Warren	VASCULAR PLANTS	DELPHINIUM CAROLINIANUM	CAROLINA LARKSPUR	T	G5/S1S2
Southern	Warren	VASCULAR PLANTS	LEAVENWORTHIA TORULOSA	NECKLACE GLADECRESS	T	G4/S2
Southern	Warren	VASCULAR PLANTS	ISOETES BUTLERI	BLACKFOOT QUILLWORT	E	G4/S1
Southern	Warren	VASCULAR PLANTS	LOBELIA APPENDICULATA VAR GATTINGERI	GATTINGER'S LOBELIA	E	G4G5T4/S1
Southern	Warren	VASCULAR PLANTS	LONICERA RETICULATA	GRAPE HONEYSUCKLE	E	G5/S1
Southern	Warren	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Southern	Warren	VASCULAR PLANTS	HYPERICUM CRUX-ANDREAE	ST. PETER'S-WORT	T	G5/S2S3
Southern	Warren	VASCULAR PLANTS	HIERACIUM LONGIPILUM	HAIRY HAWKWEED	T	G4G5/S2
Southern	Warren	VASCULAR PLANTS	HELIANTHUS EGGERTII	EGGERT'S SUNFLOWER	T/LT	G3/S2
Southern	Warren	VASCULAR PLANTS	HEDEOMA HISPIDUM	ROUGH PENNYROYAL	T	G5/S2
Southern	Warren	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Southern	Warren	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Southern	Warren	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Southern	Warren	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Southern	Warren	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Southern	Warren	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2

Southern	Warren	VASCULAR PLANTS	GENTIANA FLAVIDA	YELLOW GENTIAN	E	G4/S1S2
Southern	Warren	VASCULAR PLANTS	VERNONIA NOVEBORACENSIS	NEW YORK IRONWEED	S	G5/S3
Southern	Warren	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Southern	Warren	VASCULAR PLANTS	TRILLIUM PUSILLUM	LEAST TRILLIUM	E	G3/S1
Southern	Warren	VASCULAR PLANTS	SOLIDAGO SQUARROSA	SQUARROSE GOLDENROD	H	G47/SH
Southern	Warren	VASCULAR PLANTS	SILPHIUM PINNATIFIDUM	PRAIRIE-DOCK	S	G3Q/S3S4
Southern	Warren	VASCULAR PLANTS	SOLIDAGO PUBERULA	DOWNY GOLDENROD	S	G5/S2
Southern	Warren	VASCULAR PLANTS	SILENE OVATA	OVATE CATCHFLY	E	G2G3/S1S2
Southern	Warren	VASCULAR PLANTS	MYRIOPHYLLUM HETEROPHYLLUM	BROADLEAF WATER-MILFOIL	S	G5/S3?
Southern	Warren	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G57/S3
Southern	Warren	VASCULAR PLANTS	PERIDERIDIA AMERICANA	EASTERN EULOPHUS	T	G4/S2
Southern	Warren	VASCULAR PLANTS	PEDICULARIS LANCEOLATA	SWAMP LOUSEWORT	H	G5/SH
Southern	Warren	VASCULAR PLANTS	OXALIS PRICEAE	PRICE'S YELLOW WOOD SORREL	H	G3G5/SH
Southern	Warren	VASCULAR PLANTS	OENOTHERA TRILOBA	STEMLESS EVENING-PRIMROSE	T	G4/S1S2
Southern	Warren	VASCULAR PLANTS	NAJAS GRACILLIMA	THREAD-LIKE NAIAD	S	G57/S2S3
Southern	Warren	VASCULAR PLANTS	SILENE REGIA	ROYAL CATCHFLY	E	G3/S1
Southern	Warren	VASCULAR PLANTS	APIOS PRICEANA	PRICE'S POTATO-BEAN	E/LT	G2/S1
Southern	Warren	VASCULAR PLANTS	BOUPELLOU CURTIPENDULA	SIDE-OATS GRAMA	S	G5/S3?
Southern	Warren	VASCULAR PLANTS	CALAMAGROSTIS PORTERI SSP PORTERI	PORTER'S REEDGRASS	T	G4T4/S2S3
Southern	Warren	VASCULAR PLANTS	CAREX GIGANTEA	LARGE SEDGE	T	G4/S2
Southern	Warren	VASCULAR PLANTS	CASTANEA PUMILA	ALLEGHENY CHINKAPIN	T	G5/S2
Southern	Warren	VASCULAR PLANTS	CASTILLEJA COCCINEA	SCARLET INDIAN PAINTBRUSH	E	G5/S1
Southern	Warren	VASCULAR PLANTS	BAPTISIA BRACTEATA VAR LEUCOPHAEA	CREAM WILD INDIGO	S	G4G5T4T5/S3
Southern	Warren	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Warren	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G7/S3
Southern	Warren	VASCULAR PLANTS	ASTER PILOSUS VAR PRICEAE	WHITE HEATH ASTER	T	G5T3T5/S2
Southern	Warren	VASCULAR PLANTS	DIDIPLIS DIANDRA	WATER-PURSLANE	S	G5/S2S3
Southern	Warren	VASCULAR PLANTS	FORESTIERA LIGUSTRINA	UPLAND PRIVET	T	G4G5/S2S3
Southern	Warren	VASCULAR PLANTS	DRYOPTERIS LUDOVICIANA	SOUTHERN SHIELD WOOD FERN	H	G4/SH
Southern	Warren	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Southern	Wayne	BIRDS	CISTOTHORUS PLATENSIS	SEDFE WREN	S	G5/S3B
Southern	Wayne	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S4N
Southern	Wayne	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Southern	Wayne	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Southern	Wayne	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Southern	Wayne	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Southern	Wayne	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Southern	Wayne	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Southern	Wayne	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Southern	Wayne	BIVALVES	VILLOSA VANUXEMENSIS	MOUNTAIN CREEKSHELL	T	G4/S2

Southern	Wayne	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Southern	Wayne	BIVALVES	PLEUROBEMA PLENUM	ROUGH PIGTOE	E/LE	G1/S1
Southern	Wayne	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Southern	Wayne	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Southern	Wayne	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Southern	Wayne	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Southern	Wayne	BIVALVES	VILLOSA TRABALIS	CUMBERLAND BEAN	E/LE	G1/S1
Southern	Wayne	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Southern	Wayne	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Southern	Wayne	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Southern	Wayne	BIVALVES	EPIOBLASMA CAPSAEFORMIS	OYSTER MUSSEL	E/LE	G1/S1
Southern	Wayne	BIVALVES	EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	E/LE	G1/S1
Southern	Wayne	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Southern	Wayne	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Southern	Wayne	BIVALVES	PTYCHOBRANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Southern	Wayne	CRUSTACEANS	ORCONECTES AUSTRALIS PACKARDI	A CRAYFISH	T	G4T3/S2S3
Southern	Wayne	FISHES	ETHEOSTOMA CINEREUM	ASHY DARTER	S	G2G3/S3
Southern	Wayne	FISHES	AMMOCRYPTA CLARA	WESTERN SAND DARTER	E	G3/S1
Southern	Wayne	FISHES	ERIMYSTAX INSIGNIS	BLOTCHED CHUB	E	G3G4/S1
Southern	Wayne	FISHES	HYBOPSIS AMNIS	PALLID SHINER	H	G4/SH
Southern	Wayne	FISHES	PERCINA MACROCEPHALA	LONGHEAD DARTER	T	G3/S2
Southern	Wayne	FISHES	ICHTHYOMYZON GREELEYI	MOUNTAIN BROOK LAMPREY	T	G3G4/S2
Southern	Wayne	FISHES	NOTROPIS ALBIZONATUS	PALEZONE SHINER	E/LE	G2/S1
Southern	Wayne	FISHES	NOTROPIS SP 4	SAWFIN SHINER	E	G4/S1
Southern	Wayne	GASTROPODS	PLEUROCERA CURTA	SHORTSPIRE HORNSNAIL	S	G2/S2
Southern	Wayne	GASTROPODS	APPALACHINA CHILHOWEENSIS	QUEEN CRATER	S	G?/S1
Southern	Wayne	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Southern	Wayne	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Southern	Wayne	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Southern	Wayne	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Southern	Wayne	MAMMALS	MYOTIS LEIBII	EASTERN SMALL-FOOTED MYOTIS	T	G3/S2
Southern	Wayne	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Southern	Wayne	MAMMALS	URSUS AMERICANUS	AMERICAN BLACK BEAR	S	G5/S2
Southern	Wayne	OTHER TYPES	KLEPTOCHTHONIUS EREBICUS		T	G1G2/S1S2
Southern	Wayne	PALUSTRINE COMMUNITIES	DEPRESSION SWAMP		N	S2
Southern	Wayne	PALUSTRINE COMMUNITIES	SINKHOLE/DEPRESSION MARSH		N	S1S2
Southern	Wayne	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Southern	Wayne	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Southern	Wayne	TERRESTRIAL COMMUNITIES	ACIDIC SUB-XERIC FOREST		N	S5
Southern	Wayne	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Southern	Wayne	VASCULAR PLANTS	RHYNCHOSPORA MACROSTACHYA	TALL BEAKED-RUSH	E	G4/S1
Southern	Wayne	VASCULAR PLANTS	THUJA OCCIDENTALIS	NORTHERN WHITE CEDAR	T	G5/S2S3
Southern	Wayne	VASCULAR PLANTS	SPIRANTHES LUCIDA	SHINING LADIES'-TRESSES	T	G5/S2S3
Southern	Wayne	VASCULAR PLANTS	EUPHORBIA MERCURIALINA	MERCURY SPURGE	T	G4/S1S2
Southern	Wayne	VASCULAR PLANTS	SALVIA URTICIFOLIA	NETTLE-LEAF SAGE	E	G5/S1
Southern	Wayne	VASCULAR PLANTS	PAXISTIMA CANBYI	CANBY'S MOUNTAIN-LOVER	T	G2/S2

Southern	Wayne	VASCULAR PLANTS	GLYCERIA ACUTIFLORA	SHARP-SCALED MANNA-GRASS	T	G5/S2
Southern	Wayne	VASCULAR PLANTS	NESTRONIA UMBELLULA	CONJURER'S NUT	E	G4/S1
Southern	Wayne	VASCULAR PLANTS	HETERANTHERA DUBIA	GRASSLEAF MUD-PLANTAIN	S	G5/S3
Southern	Wayne	VASCULAR PLANTS	POTAMOGETON ILLINOENSIS	ILLINOIS PONDWEED	S	G5/S2
Southern	Wayne	VASCULAR PLANTS	LONICERA DIOICA VAR ORIENTALIS	WILD HONEYSUCKLE	H	G5T?Q/SH
Southern	Wayne	VASCULAR PLANTS	MUHLENBERGIA CUSPIDATA	PLAINS MUHLY	T	G4/S2
Southern	Wayne	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Southern	Wayne	VASCULAR PLANTS	DISPORUM MACULATUM	NODDING MANDARIN	S	G3G4/S3?
Southern	Wayne	VASCULAR PLANTS	GRATIOLA VISCIDULA	SHORT'S HEDGEHYSSOP	S	G4G5/S3
Southern	Wayne	VASCULAR PLANTS	CEANOTHUS HERBACEUS	PRAIRIE REDROOT	T	G5/S2
Southern	Wayne	VASCULAR PLANTS	CAREX AESTIVALIS	SUMMER SEDGE	E	G4/S1
Southern	Wayne	VASCULAR PLANTS	VITIS RUPESTRIS	SAND GRAPE	T	G3/S2
Southern	Wayne	VASCULAR PLANTS	BAPTISIA TINCTORIA	YELLOW WILD INDIGO	T	G5/S1S2
Southern	Wayne	VASCULAR PLANTS	CAREX CRAWEI	CRAWE'S SEDGE	S	G5/S2S3
Southern	Wayne	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Southern	Wayne	VASCULAR PLANTS	VALLISNERIA AMERICANA	EEL-GRASS	S	G5/S2S3
Southern	Wayne	VASCULAR PLANTS	TRILLIUM PUSILLUM	LEAST TRILLIUM	E	G3/S1
Western	Ballard	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	Ballard	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Ballard	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Ballard	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B
Western	Ballard	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	Ballard	BIRDS	STERNA ANTILLARUM ATHALASSOS	INTERIOR LEAST TERN	E/LE	G4T2Q/S2 B
Western	Ballard	BIRDS	CISTOTHORUS PLATENSIS	SEdge WREN	S	G5/S3B
Western	Ballard	BIRDS	ARDEA ALBA	GREAT EGRET	E	G5/S1B
Western	Ballard	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Western	Ballard	BIRDS	IXOBRYCHUS EXILIS	LEAST BITTERN	T	G5/S1S2B
Western	Ballard	BIRDS	CERTHIA AMERICANA	BROWN CREEPER	E	G5/S1S2B ,S4S5N
Western	Ballard	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B ,S3S4N
Western	Ballard	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B ,S2S3N
Western	Ballard	BIRDS	PHALACROCORAX AURITUS	DOUBLE-CRESTED CORMORANT	H	G5/SHB,S ZN
Western	Ballard	BIRDS	ICTINIA MISSISSIPPIENSIS	MISSISSIPPI KITE	S	G5/S2B
Western	Ballard	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Western	Ballard	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Western	Ballard	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Western	Ballard	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Western	Ballard	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Western	Ballard	BIVALVES	POTAMILUS PURPURATUS	BLEUFER	E	G5/S1
Western	Ballard	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Western	Ballard	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Western	Ballard	CRUSTACEANS	ORCONECTES LANCIFER	A CRAYFISH	E	G5/S1
Western	Ballard	CRUSTACEANS	ORCONECTES PALMERI PALMERI	A CRAYFISH	E	G5T5/S1
Western	Ballard	CRUSTACEANS	PROCAMBARUS VIAEVIRIDIS	A CRAYFISH	T	G5/S1

Western	Ballard	CRUSTACEANS	CAMBARELLUS SHUFELDTII	CAJUN DWARF CRAYFISH	S	G5/S2
Western	Ballard	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Western	Ballard	FISHES	NOTROPIS MACULATUS	TAILLIGHT SHINER	T	G5/S2S3
Western	Ballard	FISHES	PLATYGOBIO GRACILIS	FLATHEAD CHUB	S	G5/S1
Western	Ballard	FISHES	NOTROPIS HUDSONIUS	SPOTTAIL SHINER	S	G5/SU
Western	Ballard	FISHES	SCAPHIRHYNCHUS ALBUS	PALLID STURGEON	E/LE	G1/S1
Western	Ballard	FISHES	MENIDIA BERYLLINA	INLAND SILVERSIDE	T	G5/S2
Western	Ballard	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Western	Ballard	FISHES	MACRHYBOPSIS MEEKI	SICKLEFIN CHUB	H/C	G3/SH
Western	Ballard	FISHES	MACRHYBOPSIS GELIDA	STURGEON CHUB	H/C	G3/SH
Western	Ballard	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Western	Ballard	FISHES	CYPRINELLA VENUSTA	BLACKTAIL SHINER	S	G5/S3
Western	Ballard	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	Ballard	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Ballard	FISHES	ETHEOSTOMA PROELIARE	CYPRESS DARTER	T	G5/S2
Western	Ballard	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Western	Ballard	FISHES	HYBOGNATHUS HAYI	CYPRESS MINNOW	E	G5/S1
Western	Ballard	FISHES	ESOX NIGER	CHAIN PICKEREL	S	G5/S3
Western	Ballard	FISHES	ATRACTOSTEUS SPATULA	ALLIGATOR GAR	E	G3G4/S1
Western	Ballard	FISHES	HYBOGNATHUS PLACITUS	PLAINS MINNOW	S	G4/S1
Western	Ballard	GASTROPODS	LITHASIA VERRUCOSA	VARICOSE ROCKSNAIL	S	G3G4/S3S4
Western	Ballard	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Ballard	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	Ballard	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Ballard	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Western	Ballard	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	Ballard	PALUSTRINE COMMUNITIES	CYPRESS SWAMP		N	S3
Western	Ballard	REPTILES	FARANCIA ABACURA REINWARDTII	WESTERN MUD SNAKE	S	G5T5/S3
Western	Ballard	REPTILES	THAMNOPHIS PROXIMUS PROXIMUS	WESTERN RIBBON SNAKE	T	G5T5/S1S2
Western	Ballard	REPTILES	MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	T	G3G4/S2
Western	Ballard	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Ballard	VASCULAR PLANTS	HYPERICUM ADPRESSUM	CREEPING ST. JOHN'S-WORT	H	G2G3/SH
Western	Ballard	VASCULAR PLANTS	SALIX AMYGDALOIDES	PEACH-LEAVED WILLOW	H	G5/SH
Western	Ballard	VASCULAR PLANTS	RUDBECKIA SUBTOMENTOSA	SWEET CONEFLOWER	E	G5/S1
Western	Ballard	VASCULAR PLANTS	MUHLENBERGIA BUSHII	BUSH'S MUHLY	E	G5/S1S2
Western	Ballard	VASCULAR PLANTS	POTAMOGETON ILLINOENSIS	ILLINOIS PONDWEED	S	G5/S2
Western	Ballard	VASCULAR PLANTS	LYSIMACHIA TERRESTRIS	SWAMP CANDLES	E	G5/S1
Western	Ballard	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Western	Ballard	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	Ballard	VASCULAR PLANTS	HETEROTHECA SUBAXILLARIS VAR LATIFOLIA	BROAD-LEAF GOLDEN-ASTER	T	G5T5/S2
Western	Ballard	VASCULAR PLANTS	JUNCUS ELLIOTTII	BOG RUSH	H	G4G5/SH
Western	Ballard	VASCULAR PLANTS	PHACELIA RANUNCULACEA	BLUE SCORPION-WEED	S	G3G4/S3
Western	Ballard	VASCULAR PLANTS	HYDROLEA UNIFLORA	ONE-FLOWER FIDDLELEAF	S	G5/S3?
Western	Ballard	VASCULAR PLANTS	OLDENLANDIA UNIFLORA	CLUSTERED BLUETS	E	G5/S1

Western	Ballard	VASCULAR PLANTS	LIMNOBIUM SPONGIA	AMERICAN FROG'S-BIT	T	G4/S2S3
Western	Ballard	VASCULAR PLANTS	CABOMBA CAROLINIANA	CAROLINA FANWORT	T	G3G5/S2
Western	Ballard	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5?/S3
Western	Ballard	VASCULAR PLANTS	DIDIPLIS DIANDRA	WATER-PURSLANE	S	G5/S2S3
Western	Ballard	VASCULAR PLANTS	TRIPLASIS PURPUREA	PURPLE SANDGRASS	H	G4G5/SH
Western	Ballard	VASCULAR PLANTS	TORREYOCHLOA PALLIDA	PALE MANNA GRASS	E	G5?/S1
Western	Ballard	VASCULAR PLANTS	SPIRAEA ALBA	NARROW-LEAVED MEADOW-SWEET	E	G5/S1
Western	Ballard	VASCULAR PLANTS	ARMORACIA LACUSTRIS	LAKECRESS	T	G4?/S1S2
Western	Ballard	VASCULAR PLANTS	CLEMATIS CRISPA	BLUE JASMINE LEATHER-FLOWER	T	G5/S2
Western	Ballard	VASCULAR PLANTS	SILPHIUM LACINIATUM VAR ROBINSONII	COMPASS PLANT	T	G5?/S2
Western	Ballard	VASCULAR PLANTS	PONTEDERIA CORDATA	PICKEREL WEED	T	G5/S1S2
Western	Ballard	VASCULAR PLANTS	CALAMAGROSTIS CANADENSIS VAR MACOUNIANA	BLUE-JOINT REEDGRASS	E	G5T5?/S1
Western	Ballard	VASCULAR PLANTS	MIRABILIS ALBIDA	PALE UMBRELLA-WORT	E	G5/S1
Western	Ballard	VASCULAR PLANTS	CAREX BUXBAUMII	BUXBAUM'S SEDGE	H	G5/SH
Western	Ballard	VASCULAR PLANTS	CAREX GIGANTEA	LARGE SEDGE	T	G4/S2
Western	Ballard	VASCULAR PLANTS	CAREX LANUGINOSA	WOOLLY SEDGE	E	G5/S1S2
Western	Ballard	VASCULAR PLANTS	CARYA AQUATICA	WATER HICKORY	T	G5/S2S3
Western	Ballard	VASCULAR PLANTS	SCIRPUS FLUVIATILIS	RIVER BULRUSH	E	G5/S1S2
Western	Caldwell	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Caldwell	AMPHIBIANS	HYLA GRATIOSA	BARKING TREEFROG	S	G5/S3
Western	Caldwell	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Western	Caldwell	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	Caldwell	BIRDS	ANAS DISCORS	BLUE-WINGED TEAL	E	G5/S1S2B
Western	Caldwell	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Caldwell	BIRDS	CISTOTHORUS PLATENSIS	SEEDGE WREN	S	G5/S3B
Western	Caldwell	BIVALVES	TOXOLASMA TEXASIENSIS	TEXAS LILLIPUT	E	G4/S1
Western	Caldwell	BIVALVES	VILLOSA VANUXEMENSIS	MOUNTAIN CREEKSHELL	T	G4/S2
Western	Caldwell	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	Caldwell	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Caldwell	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S 3
Western	Caldwell	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Caldwell	TERRESTRIAL COMMUNITIES	ACIDIC MESOPHYTIC FOREST		N	S5
Western	Caldwell	VASCULAR PLANTS	SOLIDAGO BUCKLEYI	BUCKLEY'S GOLDENROD	S	G4/S2S3
Western	Caldwell	VASCULAR PLANTS	SEDUM TELEPHIOIDES	ALLEGHENY STONECROP	T	G4/S2
Western	Caldwell	VASCULAR PLANTS	CAREX STIPATA VAR MAXIMA	STALKGRAIN SEDGE	S	G5?/S2?
Western	Caldwell	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	Caldwell	VASCULAR PLANTS	CIMICIFUGA RUBIFOLIA	APPALACHIAN BUGBANE	T	G3/S2
Western	Calloway	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Calloway	AMPHIBIANS	EURYCEA GUTTOLINEATA	THREE-LINED SALAMANDER	T	G5/S2
Western	Calloway	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	Calloway	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N



Western	Calloway	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Calloway	BIRDS	PANDION HALIAETUS	OSPREY	T	G5/S1S2B
Western	Calloway	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Western	Calloway	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	Calloway	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Calloway	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Western	Calloway	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Western	Calloway	CRUSTACEANS	ORCONECTES BURRI	A CRAYFISH	T	G2G3/S2
Western	Calloway	CRUSTACEANS	PROCAMBARUS VIAEVIRIDIS	A CRAYFISH	T	G5/S1
Western	Calloway	FISHES	ATRACTOSTEUS SPATULA	ALLIGATOR GAR	E	G3G4/S1
Western	Calloway	FISHES	UMBRA LIMI	CENTRAL MUDMINNOW	T	G5/S2S3
Western	Calloway	FISHES	NOTURUS EXILIS	SLENDER MADTOM	E	G5/S1
Western	Calloway	FISHES	ICHTHYOMYZON GAGEI	SOUTHERN BROOK LAMPREY	H	G5/SH
Western	Calloway	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Western	Calloway	FISHES	ETHEOSTOMA PROELIARE	CYPRESS DARTER	T	G5/S2
Western	Calloway	FISHES	ETHEOSTOMA PARVIPINNE	GOLDSTRIPE DARTER	E	G4G5/S1
Western	Calloway	FISHES	ESOX NIGER	CHAIN PICKEREL	S	G5/S3
Western	Calloway	FISHES	ERIMYSTAX INSIGNIS	BLOTCHED CHUB	E	G3G4/S1
Western	Calloway	GASTROPODS	LITHASIA VERRUCOSA	VARICOSE ROCKSNAIL	S	G3G4/S3S 4
Western	Calloway	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Calloway	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Calloway	PALUSTRINE COMMUNITIES	CRETACEOUS HILLS FORESTED ACID SEEP		N	S2
Western	Calloway	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Western	Calloway	PALUSTRINE COMMUNITIES	BOTTOMLAND MARSH		N	S1S2
Western	Calloway	PALUSTRINE COMMUNITIES	ACID SEEP		N	S3S4
Western	Calloway	REPTILES	THAMNOPHIS PROXIMUS PROXIMUS	WESTERN RIBBON SNAKE	T	G5T5/S1S 2
Western	Calloway	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Calloway	REPTILES	SISTRURUS MILIARIUS STRECKERI	WESTERN PYGMY RATTLESNAKE	T	G5T5/S2
Western	Calloway	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Western	Calloway	REPTILES	EUMECES ANTHRACINUS PLUVIALIS	SOUTHERN COAL SKINK	E	G5T5/S1
Western	Calloway	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Western	Calloway	VASCULAR PLANTS	ERYNGIUM INTEGRIFOLIUM	BLUE-FLOWER COYOTE-THISTLE	E	G5/S1
Western	Calloway	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Western	Calloway	VASCULAR PLANTS	PTILIMNIUM COSTATUM	EASTERN BISHOP-WEED	S	G3G4/S3?
Western	Calloway	VASCULAR PLANTS	PTILIMNIUM CAPILLACEUM	MOCK BISHOP'S-WEED	T	G5/S1S2
Western	Calloway	VASCULAR PLANTS	PHLOX BIFIDA SSP BIFIDA	CLEFT PHLOX	T	G5?T5?/S 1S2
Western	Calloway	VASCULAR PLANTS	PASPALUM BOSCIANUM	BULL PASPALUM	S	G5/S2S3
Western	Calloway	VASCULAR PLANTS	GYMNOPOGON AMBIGUUS	BEARDED SKELETONGRASS	S	G4/S2S3
Western	Calloway	VASCULAR PLANTS	PTILIMNIUM NUTTALLII	NUTTALL'S MOCK BISHOP'S-WEED	E	G5?/S1S2
Western	Calloway	VASCULAR PLANTS	HELIANTHUS SILPHIOIDES	SILPHIUM SUNFLOWER	E	G3G4/S1
Western	Calloway	VASCULAR PLANTS	HIERACIUM LONGIPILUM	HAIRY HAWKWEED	T	G4G5/S2
Western	Calloway	VASCULAR PLANTS	HYDROLEA OVATA	OVATE FIDDLELEAF	E	G5/S1
Western	Calloway	VASCULAR PLANTS	PYCNANTHEMUM ALBESCENS	WHITELEAF MOUNTAINMINT	E	G5/S1
Western	Calloway	VASCULAR PLANTS	VIBURNUM NUDUM	POSSUMHAW	E	G5/S1

Western	Calloway	VASCULAR PLANTS	SCLERIA CILIATA VAR CILIATA	FRINGED NUTRUSH	E	G5T?/S1?
Western	Calloway	VASCULAR PLANTS	LYCOPODIELLA APPRESSA	SOUTHERN BOG CLUBMOSS	E	G5/S1
Western	Calloway	VASCULAR PLANTS	MELANTHIUM VIRGINICUM	VIRGINIA BUNCHFLOWER	E	G5/S1
Western	Calloway	VASCULAR PLANTS	MUHLENBERGIA GLABRIFLORIS	HAIR GRASS	S	G4?/S2S3
Western	Calloway	VASCULAR PLANTS	OENOTHERA PERENNIS	SMALL SUNDROPS	E	G5/S1S2
Western	Calloway	VASCULAR PLANTS	OLDENLANDIA UNIFLORA	CLUSTERED BLUETS	E	G5/S1
Western	Calloway	VASCULAR PLANTS	SPHENOPHOLIS PENNSYLVANICA	SWAMP WEDGESCALE	S	G4/S1S2
Western	Calloway	VASCULAR PLANTS	OENOTHERA LINIFOLIA	THREAD-LEAF SUNDROPS	E	G5/S1S2
Western	Calloway	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Western	Calloway	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Western	Calloway	VASCULAR PLANTS	AESCLUSUS PAVIA	RED BUCKEYE	T	G5/S2S3
Western	Calloway	VASCULAR PLANTS	TREPOCARPUS AETHUSAE	TREPOCARPUS	T	G4G5/S2
Western	Calloway	VASCULAR PLANTS	STELLARIA LONGIFOLIA	LONGLEAF STITCHWORT	S	G5/S2S3
Western	Calloway	VASCULAR PLANTS	SPIRANTHES ODORATA	SWEETSCENT LADIES'-TRESSES	E	G5/S1
Western	Calloway	VASCULAR PLANTS	CAREX ATLANTICA SSP CAPILLACEA	PRICKLY BOG SEDGE	E	G5T5?/S1 S2
Western	Calloway	VASCULAR PLANTS	ARABIS MISSOURIENSIS	MISSOURI ROCKCRESS	E	G4G5Q/S1
Western	Calloway	VASCULAR PLANTS	COREOPSIS PUBESCENS	STAR TICKSEED	S	G5?/S2S3
Western	Calloway	VASCULAR PLANTS	ASTER CONCOLOR	EASTERN SILVERY ASTER	T	G4?/S2
Western	Calloway	VASCULAR PLANTS	ASTER DRUMMONDII VAR TEXANUS	TEXAS ASTER	T	G5T?/S2
Western	Calloway	VASCULAR PLANTS	ASTER HEMISPHERICUS	TENNESSEE ASTER	E	G4T4?/S1
Western	Calloway	VASCULAR PLANTS	SILPHIUM LACINIATUM VAR ROBINSONII	COMPASS PLANT	T	G5T?/S2
Western	Calloway	VASCULAR PLANTS	BAPTISIA BRACTEATA VAR LEUCOPHAEA	CREAM WILD INDIGO	S	G4G5T4T 5/S3
Western	Calloway	VASCULAR PLANTS	BARTONIA VIRGINICA	YELLOW SCREWSTEM	T	G5/S2
Western	Calloway	VASCULAR PLANTS	RHYNCHOSPORA RECOGNITA	GLOBE BEAKED-RUSH	S	G5?/S3
Western	Calloway	VASCULAR PLANTS	CAREX RENIFORMIS	RENIFORM SEDGE	E	G4?/S1?
Western	Calloway	VASCULAR PLANTS	RHODODENDRON CANESCENS	HOARY AZALEA	E	G5/S1
Western	Calloway	VASCULAR PLANTS	APIOS PRICEANA	PRICE'S POTATO-BEAN	E/LT	G2/S1
Western	Carlisle	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	Carlisle	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Carlisle	BIRDS	STERNA ANTILLARUM ATHALASSOS	INTERIOR LEAST TERN	E/LE	G4T2Q/S2 B
Western	Carlisle	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B
Western	Carlisle	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Western	Carlisle	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B ,S3S4N
Western	Carlisle	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Western	Carlisle	BIRDS	ARDEA ALBA	GREAT EGRET	E	G5/S1B
Western	Carlisle	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	Carlisle	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Carlisle	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B ,S2S3N
Western	Carlisle	BIRDS	ICTINIA MISSISSIPPIENSIS	MISSISSIPPI KITE	S	G5/S2B
Western	Carlisle	BIVALVES	TOXOLASMA TEXASIENSIS	TEXAS LILLIPUT	E	G4/S1

Western	Carlisle	BIVALVES	POTAMILUS CAPAX	FAT POCKETBOOK	E/LE	G1/S1
Western	Carlisle	CRUSTACEANS	CAMBARELLUS SHUFELDTII	CAJUN DWARF CRAYFISH	S	G5/S2
Western	Carlisle	CRUSTACEANS	ORCONECTES PALMERI PALMERI	A CRAYFISH	E	G5T5/S1
Western	Carlisle	CRUSTACEANS	ORCONECTES LANCIFER	A CRAYFISH	E	G5/S1
Western	Carlisle	FISHES	ESOX NIGER	CHAIN PICKEREL	S	G5/S3
Western	Carlisle	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Carlisle	FISHES	HYBOGNATHUS HAYI	CYPRESS MINNOW	E	G5/S1
Western	Carlisle	FISHES	ETHEOSTOMA MICROLEPIDUM	SMALLSCALE DARTER	E	G2G3/S1
Western	Carlisle	FISHES	CYPRINELLA VENUSTA	BLACKTAIL SHINER	S	G5/S3
Western	Carlisle	FISHES	NOTROPIS MACULATUS	TAILLIGHT SHINER	T	G5/S2S3
Western	Carlisle	GASTROPODS	LITHASIA VERRUCOSA	VARICOSE ROCKSNAIL	S	G3G4/S3S4
Western	Carlisle	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Carlisle	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Western	Carlisle	MAMMALS	PEROMYSCUS GOSSYPINUS	COTTON MOUSE	T	G5/S2
Western	Carlisle	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Carlisle	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	Carlisle	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	Carlisle	PALUSTRINE COMMUNITIES	CYPRESS SWAMP		N	S3
Western	Carlisle	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Carlisle	REPTILES	MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	T	G3G4/S2
Western	Carlisle	REPTILES	CHRYSEMYS PICTA DORSALIS	SOUTHERN PAINTED TURTLE	T	G5T5/S2
Western	Carlisle	TERRESTRIAL COMMUNITIES	COASTAL PLAIN MESOPHYTIC CANE FOREST		N	S2S3
Western	Carlisle	VASCULAR PLANTS	CAREX DECOMPOSITA	EPIPHYTIC SEDGE	T	G3/S2
Western	Carlisle	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Western	Carlisle	VASCULAR PLANTS	MELANTHERA NIVEA	SNOW MELANTHERA	S	G5/S3?
Western	Carlisle	VASCULAR PLANTS	HETEROTHECA SUBAXILLARIS VAR LATIFOLIA	BROAD-LEAF GOLDEN-ASTER	T	G5T5/S2
Western	Carlisle	VASCULAR PLANTS	DIDIPLIS DIANDRA	WATER-PURSLANE	S	G5/S2S3
Western	Carlisle	VASCULAR PLANTS	PHACELIA RANUNCULACEA	BLUE SCORPION-WEED	S	G3G4/S3
Western	Carlisle	VASCULAR PLANTS	CLEMATIS CRISPA	BLUE JASMINE LEATHER-FLOWER	T	G5/S2
Western	Carlisle	VASCULAR PLANTS	CABOMBA CAROLINIANA	CAROLINA FANWORT	T	G3G5/S2
Western	Carlisle	VASCULAR PLANTS	UTRICULARIA MACRORHIZA	GREATER BLADDERWORT	E	G5/S1
Western	Carlisle	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	Christian	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Western	Christian	AMPHIBIANS	HYLA GRATIOSA	BARKING TREEFROG	S	G5/S3
Western	Christian	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Christian	BIRDS	ANAS DISCORS	BLUE-WINGED TEAL	E	G5/S1S2B
Western	Christian	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Christian	BIRDS	PODILYMBUS PODICEPS	PIED-BILLED GREBE	E	G5/S1B,S4N
Western	Christian	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Christian	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Western	Christian	BIRDS	ANAS CLYPEATA	NORTHERN SHOVELER	E	G5/S1
Western	Christian	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Western	Christian	BIVALVES	VILLOSA VANUXEMENSIS	MOUNTAIN CREEKSHELL	T	G4/S2
Western	Christian	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Western	Christian	CRUSTACEANS	ORCONECTES PELLUCIDUS	A CRAYFISH	S	G3/S3

Western	Christian	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Christian	FISHES	TYPHLICHTHYS SUBTERRANEUS	SOUTHERN CAVEFISH	S	G4/S2S3
Western	Christian	FISHES	ETHEOSTOMA MICROLEPIDUM	SMALLSCALE DARTER	E	G2G3/S1
Western	Christian	FISHES	ETHEOSTOMA TECUMSEHI	SHAWNEE DARTER	T	G1/S2
Western	Christian	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Christian	INSECTS	PAPAPEMA ERYNGII	RATTLESNAKE-MASTER BORER MOTH	E	G1G2/S1
Western	Christian	INSECTS	CALEPHELIS MUTICA	SWAMP METALMARK	S	G3G4/S2
Western	Christian	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	Christian	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Christian	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	Christian	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Western	Christian	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Western	Christian	VASCULAR PLANTS	MUHLENBERGIA GLABRIFLORIS	HAIR GRASS	S	G47/S2S3
Western	Christian	VASCULAR PLANTS	OENOTHERA LINIFOLIA	THREAD-LEAF SUNDROPS	E	G5/S1S2
Western	Christian	VASCULAR PLANTS	SILPHIUM LACINIATUM VAR ROBINSONII	COMPASS PLANT	T	G5T7/S2
Western	Christian	VASCULAR PLANTS	RUDBECKIA SUBTOMENTOSA	SWEET CONEFLOWER	E	G5/S1
Western	Christian	VASCULAR PLANTS	ZIZANIOPSIS MILIACEA	SOUTHERN WILD RICE	T	G5/S1S2
Western	Christian	VASCULAR PLANTS	TRILLIUM PUSILLUM	LEAST TRILLIUM	E	G3/S1
Western	Christian	VASCULAR PLANTS	SILENE REGIA	ROYAL CATCHFLY	E	G3/S1
Western	Christian	VASCULAR PLANTS	DRABA CUNEIFOLIA	WEDGE-LEAF WHITLOW-GRASS	E	G5/S1
Western	Christian	VASCULAR PLANTS	SCHOENOPLECTUS HALLII	HALL'S BULRUSH	E	G2/S1
Western	Christian	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G57/S3
Western	Christian	VASCULAR PLANTS	LEPEDEZA CAPITATA	ROUND-HEAD BUSH-CLOVER	S	G5/S3
Western	Christian	VASCULAR PLANTS	HIERACIUM LONGIPILUM	HAIRY HAWKWEED	T	G4G5/S2
Western	Christian	VASCULAR PLANTS	ECHINODORUS PARVULUS	DWARF BURHEAD	E	G3Q/S1
Western	Christian	VASCULAR PLANTS	CYPRIPEDIUM CANDIDUM	SMALL WHITE LADY'S-SLIPPER	E	G4/S1
Western	Christian	VASCULAR PLANTS	CASTILLEJA COCCINEA	SCARLET INDIAN PAINTBRUSH	E	G5/S1
Western	Christian	VASCULAR PLANTS	CAREX ALATA	BROADWING SEDGE	T	G5/S1S2
Western	Christian	VASCULAR PLANTS	BAPTISIA AUSTRALIS VAR MINOR	BLUE WILD INDIGO	S	G5T4/S2S3
Western	Christian	VASCULAR PLANTS	PHACELIA RANUNCULACEA	BLUE SCORPION-WEED	S	G3G4/S3
Western	Christian	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Western	Crittenden	AMPHIBIANS	HYLA GRATIOSA	BARKING TREEFROG	S	G5/S3
Western	Crittenden	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Western	Crittenden	BIRDS	VIREO BELLII	BELL'S VIREO	S	G5/S2S3B
Western	Crittenden	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Crittenden	BIRDS	CISTOTHORUS PLATENSIS	SEEDGE WREN	S	G5/S3B
Western	Crittenden	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Western	Crittenden	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Crittenden	BIVALVES	POTAMILUS CAPAX	FAT POCKETBOOK	E/LE	G1/S1
Western	Crittenden	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Western	Crittenden	CRUSTACEANS	ORCONECTES BISECTUS	CRITTENDEN CRAYFISH	T	G2/S1
Western	Crittenden	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3

Western	Crittenden	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Western	Crittenden	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Crittenden	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Western	Crittenden	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Crittenden	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Western	Crittenden	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Western	Crittenden	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP OCCIDENTALE	WESTERN FALSE GROMWELL	E	G4G5T4?/S1
Western	Crittenden	VASCULAR PLANTS	HIERACIUM LONGIPILUM	HAIRY HAWKWEED	T	G4G5/S2
Western	Crittenden	VASCULAR PLANTS	SPIRANTHES MAGNICAMPORUM	GREAT PLAINS LADIES'-TRESSES	T	G4/S2
Western	Crittenden	VASCULAR PLANTS	SOLIDAGO BUCKLEYI	BUCKLEY'S GOLDENROD	S	G4/S2S3
Western	Crittenden	VASCULAR PLANTS	SCIRPUS HETEROCHAETUS	SLENDER BULRUSH	E	G5/S1
Western	Crittenden	VASCULAR PLANTS	PHILADELPHUS PUBESCENS	HOARY MOCK ORANGE	E	G5?/S1
Western	Crittenden	VASCULAR PLANTS	GYMNOPOGON AMBIGUUS	BEARDED SKELETONGRASS	S	G4/S2S3
Western	Crittenden	VASCULAR PLANTS	SPOROBOLUS HETEROLEPIS	NORTHERN DROPSEED	E	G5/S1
Western	Crittenden	VASCULAR PLANTS	SEDUM TELEPHIOIDES	ALLEGHENY STONECROP	T	G4/S2
Western	Crittenden	VASCULAR PLANTS	THASPIUM PINNATIFIDUM	CUTLEAF MEADOW-PARSNIP	T	G2G3/S2S3
Western	Crittenden	VASCULAR PLANTS	AESCULUS PAVIA	RED BUCKEYE	T	G5/S2S3
Western	Crittenden	VASCULAR PLANTS	SPOROBOLUS CLANDESTINUS	ROUGH DROPSEED	T	G5/S2S3
Western	Crittenden	VASCULAR PLANTS	MUHLENBERGIA GLABRIFLORIS	HAIR GRASS	S	G4?/S2S3
Western	Crittenden	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Western	Crittenden	VASCULAR PLANTS	CIMICIFUGA RUBIFOLIA	APPALACHIAN BUGBANE	T	G3/S2
Western	Crittenden	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Western	Crittenden	VASCULAR PLANTS	FIMBRISTYLIS PUBERULA	HAIRY FIMBRISTYLIS	T	G5/S2
Western	Fulton	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Fulton	AMPHIBIANS	AMPHIUMA TRIDACTYLUM	THREE-TOED AMPHIUMA	E	G5/S1
Western	Fulton	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Fulton	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Western	Fulton	BIRDS	STERNA ANTILLARUM ATHALASSOS	INTERIOR LEAST TERN	E/LE	G4T2Q/S2B
Western	Fulton	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B,S3S4N
Western	Fulton	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Western	Fulton	BIRDS	ARDEA ALBA	GREAT EGRET	E	G5/S1B
Western	Fulton	BIRDS	ANAS DISCORS	BLUE-WINGED TEAL	E	G5/S1S2B
Western	Fulton	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Western	Fulton	BIRDS	BUBULCUS IBIS	CATTLE EGRET	S	G5/S1S2B
Western	Fulton	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B,S2S3N
Western	Fulton	BIRDS	ICTINIA MISSISSIPPIENSIS	MISSISSIPPI KITE	S	G5/S2B
Western	Fulton	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Fulton	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Western	Fulton	BIRDS	IXOBRYCHUS EXILIS	LEAST BITTERN	T	G5/S1S2B
Western	Fulton	BIRDS	PHALACROCORAX AURITUS	DOUBLE-CRESTED CORMORANT	H	G5/SHB,SZN
Western	Fulton	BIRDS	PODILYMBUS PODICEPS	PIED-BILLED GREBE	E	G5/S1B,S4N
Western	Fulton	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B

Western	Fulton	BIRDS	RALLUS ELEGANS	KING RAIL	E	G4G5/S1B
Western	Fulton	BIVALVES	POTAMILUS PURPURATUS	BLEUFER	E	G5/S1
Western	Fulton	BIVALVES	TOXOLASMA TEXASIENSIS	TEXAS LILLIPUT	E	G4/S1
Western	Fulton	CRUSTACEANS	PROCAMBARUS VIAEVIDIRIS	A CRAYFISH	T	G5/S1
Western	Fulton	CRUSTACEANS	ORCONECTES LANCIFER	A CRAYFISH	E	G5/S1
Western	Fulton	CRUSTACEANS	CAMBARELLUS SHUFELDTII	CAJUN DWARF CRAYFISH	S	G5/S2
Western	Fulton	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Fulton	FISHES	NOTROPIS MACULATUS	TAILLIGHT SHINER	T	G5/S2S3
Western	Fulton	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Western	Fulton	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Western	Fulton	FISHES	LEPOMIS MARGINATUS	DOLLAR SUNFISH	E	G5/S1
Western	Fulton	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Western	Fulton	FISHES	MENIDIA BERYLLINA	INLAND SILVERSIDE	T	G5/S2
Western	Fulton	FISHES	ALOSA ALABAMAE	ALABAMA SHAD	E/C	G3/S1
Western	Fulton	FISHES	HYBOGNATHUS HAYI	CYPRESS MINNOW	E	G5/S1
Western	Fulton	FISHES	UMBRA LIMI	CENTRAL MUDMINNOW	T	G5/S2S3
Western	Fulton	FISHES	PLATYGOBIO GRACILIS	FLATHEAD CHUB	S	G5/S1
Western	Fulton	FISHES	FUNDULUS CHRYSOTUS	GOLDEN TOPMINNOW	E	G5/S1
Western	Fulton	FISHES	ATRACTOSTEUS SPATULA	ALLIGATOR GAR	E	G3G4/S1
Western	Fulton	FISHES	ETHEOSTOMA PROELIARE	CYPRESS DARTER	T	G5/S2
Western	Fulton	FISHES	ETHEOSTOMA FUSIFORME	SWAMP DARTER	E	G5/S1
Western	Fulton	FISHES	ESOX NIGER	CHAIN PICKEREL	S	G5/S3
Western	Fulton	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	Fulton	FISHES	CYPRINELLA VENUSTA	BLACKTAIL SHINER	S	G5/S3
Western	Fulton	FISHES	HYBOGNATHUS PLACITUS	PLAINS MINNOW	S	G4/S1
Western	Fulton	FISHES	FUNDULUS DISPAR	STARHEAD TOPMINNOW	E	G4/S1
Western	Fulton	GASTROPODS	WEBBHELIX MULTILINEATA	STRIPED WHITELIP	T	G7/S2
Western	Fulton	INSECTS	EUPHYES DUKESI	DUKES' SKIPPER	S	G3/S1
Western	Fulton	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Fulton	MAMMALS	CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	S	G3G4/S3
Western	Fulton	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	Fulton	PALUSTRINE COMMUNITIES	CYPRESS SWAMP		N	S3
Western	Fulton	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Western	Fulton	PALUSTRINE COMMUNITIES	COASTAL PLAIN SLOUGH		N	S2S3
Western	Fulton	PALUSTRINE COMMUNITIES	BOTTOMLAND MARSH		N	S1S2
Western	Fulton	REPTILES	NERODIA CYCLOPION	GREEN WATER SNAKE	E	G5/S1
Western	Fulton	REPTILES	NERODIA FASCIATA CONFLUENS	BROAD-BANDED WATER SNAKE	E	G5T5/S1
Western	Fulton	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Fulton	REPTILES	CHRYSEMYS PICTA DORSALIS	SOUTHERN PAINTED TURTLE	T	G5T5/S2
Western	Fulton	REPTILES	FARANCIA ABACURA REINWARDTII	WESTERN MUD SNAKE	S	G5T5/S3
Western	Fulton	REPTILES	THAMNOPHIS PROXIMUS PROXIMUS	WESTERN RIBBON SNAKE	T	G5T5/S1S2
Western	Fulton	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Fulton	VASCULAR PLANTS	IRIS FULVA	COPPER IRIS	E	G5/S1
Western	Fulton	VASCULAR PLANTS	POLYMNIA LAEVIGATA	TENNESSEE LEAFCUP	E	G3/S1S2
Western	Fulton	VASCULAR PLANTS	SEDUM TELEPHIOIDES	ALLEGHENY STONECROP	T	G4/S2
Western	Fulton	VASCULAR PLANTS	SCIRPUS FLUVIATILIS	RIVER BULRUSH	E	G5/S1S2
Western	Fulton	VASCULAR PLANTS	CLEMATIS CRISPA	BLUE JASMINE LEATHER-FLOWER	T	G5/S2

Western	Fulton	VASCULAR PLANTS	LYSIMACHIA RADICANS	TRAILING LOOSESTRIFE	H	G4G5/SH
Western	Fulton	VASCULAR PLANTS	PONTEDERIA CORDATA	PICKEREL WEED	T	G5/S1S2
Western	Fulton	VASCULAR PLANTS	ECHINODORUS BERTEROI	BURHEAD	T	G5/S2
Western	Fulton	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	Fulton	VASCULAR PLANTS	GLEDITSIA AQUATICA	WATER LOCUST	S	G5/S3?
Western	Fulton	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Western	Fulton	VASCULAR PLANTS	HETEROTHECA SUBAXILLARIS VAR LATIFOLIA	BROAD-LEAF GOLDEN-ASTER	T	G5T5/S2
Western	Fulton	VASCULAR PLANTS	CAREX HYSTERICINA	PORCUPINE SEDGE	H	G5/SH
Western	Fulton	VASCULAR PLANTS	NEMOPHILA APHYLLA	SMALL-FLOWER BABY-BLUE-EYES	T	G5/S2?
Western	Fulton	VASCULAR PLANTS	SAGITTARIA PLATYPHYLLA	DELTA ARROWHEAD	T	G5/S2?
Western	Fulton	VASCULAR PLANTS	MYRIOPHYLLUM HETEROPHYLLUM	BROADLEAF WATER-MILFOIL	S	G5/S3?
Western	Fulton	VASCULAR PLANTS	LIMNOBIUM SPONGIA	AMERICAN FROG'S-BIT	T	G4/S2S3
Western	Fulton	VASCULAR PLANTS	PHACELIA RANUNCULACEA	BLUE SCORPION-WEED	S	G3G4/S3
Western	Fulton	VASCULAR PLANTS	TRICHOSTEMA SETACEUM	NARROWLEAF BLUECURLS	E	G5/S1
Western	Fulton	VASCULAR PLANTS	ZIZANIA PALUSTRIS VAR INTERIOR	INDIAN WILD RICE	H	G4G5T4T 5/SH
Western	Fulton	VASCULAR PLANTS	CAREX GIGANTEA	LARGE SEDGE	T	G4/S2
Western	Fulton	VASCULAR PLANTS	ZIZANIOPSIS MILIACEA	SOUTHERN WILD RICE	T	G5/S1S2
Western	Fulton	VASCULAR PLANTS	ARMORACIA LACUSTRIS	LAKECRESS	T	G4T/S1S2
Western	Fulton	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2
Western	Fulton	VASCULAR PLANTS	UTRICULARIA MACRORHIZA	GREATER BLADDERWORT	E	G5/S1
Western	Fulton	VASCULAR PLANTS	TREPOCARPUS AETHUSAE	TREPOCARPUS	T	G4G5/S2
Western	Fulton	VASCULAR PLANTS	CABOMBA CAROLINIANA	CAROLINA FANWORT	T	G3G5/S2
Western	Fulton	VASCULAR PLANTS	CALYLOPHUS SERRULATUS	YELLOW EVENING PRIMROSE	H	G5/SH
Western	Fulton	VASCULAR PLANTS	BERCHEMIA SCANDENS	SUPPLE-JACK	T	G5/S1S2
Western	Henderson	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	Henderson	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Henderson	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Henderson	BIRDS	RALLUS ELEGANS	KING RAIL	E	G4G5/S1B
Western	Henderson	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B ,S3S4N
Western	Henderson	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Western	Henderson	BIRDS	GALLINULA CHLOROPUS	COMMON MOORHEN	T	G5/S1S2B
Western	Henderson	BIRDS	ARDEA ALBA	GREAT EGRET	E	G5/S1B
Western	Henderson	BIRDS	ACTITIS MACULARIA	SPOTTED SANDPIPER	E	G5/S1B
Western	Henderson	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	Henderson	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Western	Henderson	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B ,S2S3N
Western	Henderson	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B
Western	Henderson	BIRDS	PHALACROCORAX AURITUS	DOUBLE-CRESTED CORMORANT	H	G5/SHB,S ZN
Western	Henderson	BIRDS	CERTHIA AMERICANA	BROWN CREEPER	E	G5/S1S2B ,S4S5N
Western	Henderson	BIRDS	ICTINIA MISSISSIPPIENSIS	MISSISSIPPI KITE	S	G5/S2B
Western	Henderson	BIRDS	IXOBRYCHUS EXILIS	LEAST BITTERN	T	G5/S1S2B

Western	Henderson	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Western	Henderson	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Western	Henderson	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Western	Henderson	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Western	Henderson	BIVALVES	POTAMILUS CAPAX	FAT POCKETBOOK	E/LE	G1/S1
Western	Henderson	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Western	Henderson	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Western	Henderson	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Western	Henderson	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Western	Henderson	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Western	Henderson	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Western	Henderson	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	Henderson	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Western	Henderson	INSECTS	TRAVERELLA LEWISI	A LEPTOPHLEBIID MAYFLY	H	G2/SH
Western	Henderson	INSECTS	NICROPHORUS AMERICANUS	AMERICAN BURYING BEETLE	H/LE	G2G3/SH
Western	Henderson	MAMMALS	SOREX CINEREUS	CINEREUS SHREW	S	G5/S3
Western	Henderson	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Henderson	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	Henderson	PALUSTRINE COMMUNITIES	BOTTOMLAND MARSH		N	S1S2
Western	Henderson	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Western	Henderson	PALUSTRINE COMMUNITIES	FLOODPLAIN SLOUGH		N	S2S3
Western	Henderson	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Henderson	REPTILES	MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	T	G3G4/S2
Western	Henderson	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Henderson	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Western	Henderson	VASCULAR PLANTS	HYDROCOTYLE RANUNCULOIDES	FLOATING PENNYWORT	E	G5/S1S2
Western	Henderson	VASCULAR PLANTS	LYSIMACHIA TERRESTRIS	SWAMP CANDLES	E	G5/S1
Western	Henderson	VASCULAR PLANTS	NEMOPHILA APHYLLA	SMALL-FLOWER BABY-BLUE-EYES	T	G5/S2?
Western	Henderson	VASCULAR PLANTS	PHACELIA RANUNCULACEA	BLUE SCORPION-WEED	S	G3G4/S3
Western	Henderson	VASCULAR PLANTS	POLYMNIA LAEVIGATA	TENNESSEE LEAFCUP	E	G3/S1S2
Western	Henderson	VASCULAR PLANTS	PONTERDERIA CORDATA	PICKEREL WEED	T	G5/S1S2
Western	Henderson	VASCULAR PLANTS	RANUNCULUS AMBIGENS	WATERPLANTAIN SPEARWORT	S	G4/S3
Western	Henderson	VASCULAR PLANTS	SAGITTARIA GRAMINEA	GRASSLEAF ARROWHEAD	T	G5/S1S2
Western	Henderson	VASCULAR PLANTS	SCIRPUS FLUVIATILIS	RIVER BULRUSH	E	G5/S1S2
Western	Henderson	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Western	Henderson	VASCULAR PLANTS	SPARGANIUM EURYCARPUM	LARGE BUR-REED	E	G5/S1?
Western	Henderson	VASCULAR PLANTS	SAXIFRAGA PENSYLVANICA	SWAMP SAXIFRAGE	H	G5/SH
Western	Henderson	VASCULAR PLANTS	CAREX DECOMPOSITA	EPIPHYTIC SEDGE	T	G3/S2
Western	Henderson	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	Henderson	VASCULAR PLANTS	ECHINODORUS BERTEROI	BURHEAD	T	G5/S2
Western	Hickman	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Hickman	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Hickman	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	Hickman	AMPHIBIANS	AMPHIUMA TRIDACTYLUM	THREE-TOED AMPHIUMA	E	G5/S1



Western	Hickman	BIRDS	STERNA ANTILLARUM ATHALASSOS	INTERIOR LEAST TERN	E/LE	G4T2Q/S2 B
Western	Hickman	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Western	Hickman	BIRDS	ICTINIA MISSISSIPPIENSIS	MISSISSIPPI KITE	S	G5/S2B
Western	Hickman	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Western	Hickman	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Western	Hickman	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	Hickman	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Hickman	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Western	Hickman	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Western	Hickman	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B ,S2S3N
Western	Hickman	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B
Western	Hickman	BIRDS	ARDEA ALBA	GREAT EGRET	E	G5/S1B
Western	Hickman	BIVALVES	TOXOLASMA TEXASIENSIS	TEXAS LILLIPUT	E	G4/S1
Western	Hickman	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Western	Hickman	CRUSTACEANS	CAMBARELLUS SHUFELDTII	CAJUN DWARF CRAYFISH	S	G5/S2
Western	Hickman	CRUSTACEANS	ORCONECTES PALMERI PALMERI	A CRAYFISH	E	G5T5/S1
Western	Hickman	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Western	Hickman	FISHES	UMBRA LIMI	CENTRAL MUDMINNOW	T	G5/S2S3
Western	Hickman	FISHES	SCAPHIRHYNCHUS ALBUS	PALLID STURGEON	E/LE	G1/S1
Western	Hickman	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Hickman	FISHES	LEPOMIS MARGINATUS	DOLLAR SUNFISH	E	G5/S1
Western	Hickman	FISHES	NOTROPIS MACULATUS	TAILLIGHT SHINER	T	G5/S2S3
Western	Hickman	FISHES	ETHEOSTOMA PROELIARE	CYPRESS DARTER	T	G5/S2
Western	Hickman	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	Hickman	FISHES	CYPRINELLA VENUSTA	BLACKTAIL SHINER	S	G5/S3
Western	Hickman	FISHES	ETHEOSTOMA CHIENENSE	RELICT DARTER	E/LE	G1/S1
Western	Hickman	FISHES	FUNDULUS DISPAR	STARHEAD TOPMINNOW	E	G4/S1
Western	Hickman	FISHES	CYPRINELLA CAMURA	BLUNTFACE SHINER	E	G5/S1
Western	Hickman	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Western	Hickman	FISHES	HYBOGNATHUS HAYI	CYPRESS MINNOW	E	G5/S1
Western	Hickman	FISHES	ESOX NIGER	CHAIN PICKEREL	S	G5/S3
Western	Hickman	GASTROPODS	WEBBHELIX MULTILINEATA	STRIPED WHITELIP	T	G?/S2
Western	Hickman	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Hickman	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	Hickman	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S 2
Western	Hickman	PALUSTRINE COMMUNITIES	COASTAL PLAIN SLOUGH		N	S2S3
Western	Hickman	PALUSTRINE COMMUNITIES	CYPRESS SWAMP		N	S3
Western	Hickman	PALUSTRINE COMMUNITIES	SHRUB SWAMP		N	S5
Western	Hickman	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Western	Hickman	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Hickman	REPTILES	NERODIA CYCLOPION	GREEN WATER SNAKE	E	G5/S1
Western	Hickman	REPTILES	FARANCIA ABACURA REINWARDTII	WESTERN MUD SNAKE	S	G5T5/S3
Western	Hickman	REPTILES	CHRYSEMYS PICTA DORSALIS	SOUTHERN PAINTED TURTLE	T	G5T5/S2
Western	Hickman	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Hickman	VASCULAR PLANTS	PTILIMNIUM NUTTALLII	NUTTALL'S MOCK BISHOP'S-WEED	E	G5?/S1S2
Western	Hickman	VASCULAR PLANTS	ZIZANIOPSIS MILIACEA	SOUTHERN WILD RICE	T	G5/S1S2
Western	Hickman	VASCULAR PLANTS	GLANDULARIA CANADENSIS	ROSE MOCK VERVAIN	T	G5/S2S3

Western	Hickman	VASCULAR PLANTS	GLEDITSIA AQUATICA	WATER LOCUST	S	G5/S3?
Western	Hickman	VASCULAR PLANTS	HEDEOMA HISPIDUM	ROUGH PENNYROYAL	T	G5/S2
Western	Hickman	VASCULAR PLANTS	HELIANTHUS SILPHIOIDES	SILPHIUM SUNFLOWER	E	G3G4/S1
Western	Hickman	VASCULAR PLANTS	HETEROTHECA SUBAXILLARIS VAR LATIFOLIA	BROAD-LEAF GOLDEN-ASTER	T	G5T5/S2
Western	Hickman	VASCULAR PLANTS	HYDROLEA UNIFLORA	ONE-FLOWER FIDDLELEAF	S	G5/S3?
Western	Hickman	VASCULAR PLANTS	IRIS FULVA	COPPER IRIS	E	G5/S1
Western	Hickman	VASCULAR PLANTS	LISTERA AUSTRALIS	SOUTHERN TWAYBLADE	E	G4/S1
Western	Hickman	VASCULAR PLANTS	ERYNGIUM INTEGRIFOLIUM	BLUE-FLOWER COYOTE-THISTLE	E	G5/S1
Western	Hickman	VASCULAR PLANTS	LYSIMACHIA RADICANS	TRAILING LOOSESTRIFE	H	G4G5/SH
Western	Hickman	VASCULAR PLANTS	CAREX CREBRIFLORA	COASTAL PLAIN SEDGE	T	G4/S1?
Western	Hickman	VASCULAR PLANTS	NEMOPHILA APHYLLA	SMALL-FLOWER BABY-BLUE-EYES	T	G5/S2?
Western	Hickman	VASCULAR PLANTS	OLDENLANDIA UNIFLORA	CLUSTERED BLUETS	E	G5/S1
Western	Hickman	VASCULAR PLANTS	PASPALUM BOSCIANUM	BULL PASPALUM	S	G5/S2S3
Western	Hickman	VASCULAR PLANTS	PHACELIA RANUNCULACEA	BLUE SCORPION-WEED	S	G3G4/S3
Western	Hickman	VASCULAR PLANTS	PTILIMNIUM CAPILLACEUM	MOCK BISHOP'S-WEED	T	G5/S1S2
Western	Hickman	VASCULAR PLANTS	PYCNANTHEMUM ALBESCENS	WHITELEAF MOUNTAINMINT	E	G5/S1
Western	Hickman	VASCULAR PLANTS	ULMUS SEROTINA	SEPTEMBER ELM	S	G4/S3
Western	Hickman	VASCULAR PLANTS	VITIS LABRUSCA	NORTHERN FOX GRAPE	S	G5/S2S3
Western	Hickman	VASCULAR PLANTS	ECHINODORUS BERTEROI	BURHEAD	T	G5/S2
Western	Hickman	VASCULAR PLANTS	POLYMNIA LAEVIGATA	TENNESSEE LEAFCUP	E	G3/S1S2
Western	Hickman	VASCULAR PLANTS	DIDIPLIS DIANDRA	WATER-PURSLANE	S	G5/S2S3
Western	Hickman	VASCULAR PLANTS	CLEMATIS CRISPA	BLUE JASMINE LEATHER-FLOWER	T	G5/S2
Western	Hickman	VASCULAR PLANTS	BERCHEMIA SCANDENS	SUPPLE-JACK	T	G5/S1S2
Western	Hickman	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	Hickman	VASCULAR PLANTS	AESCULUS PAVIA	RED BUCKEYE	T	G5/S2S3
Western	Hickman	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Western	Hickman	VASCULAR PLANTS	CAREX DECOMPOSITA	EPIPHYTIC SEDGE	T	G3/S2
Western	Hopkins	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Hopkins	BIRDS	IXOBRYCHUS EXILIS	LEAST BITTERN	T	G5/S1S2B
Western	Hopkins	BIRDS	VERMIVORA CHRYSOPTERA	GOLDEN-WINGED WARBLER	T	G4/S2B
Western	Hopkins	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Hopkins	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	Hopkins	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Western	Hopkins	BIRDS	PODILYMBUS PODICEPS	PIED-BILLED GREBE	E	G5/S1B,S 4N
Western	Hopkins	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Western	Hopkins	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B ,S2S3N
Western	Hopkins	BIRDS	CISTOTHORUS PLATENSIS	SEDFE WREN	S	G5/S3B
Western	Hopkins	BIRDS	CIRCUS CYANEUS	NORTHERN HARRIER	T	G5/S1S2B ,S4N
Western	Hopkins	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Western	Hopkins	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B

Western	Hopkins	BIRDS	BOTAURUS LENTIGINOSUS	AMERICAN BITTERN	H	G4/SHB
Western	Hopkins	BIVALVES	TOXOLASMA TEXASIENSIS	TEXAS LILLIPUT	E	G4/S1
Western	Hopkins	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Hopkins	FISHES	HYBOGNATHUS HAYI	CYPRESS MINNOW	E	G5/S1
Western	Hopkins	FISHES	ETHEOSTOMA TECUMSEHI	SHAWNEE DARTER	T	G1/S2
Western	Hopkins	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	Hopkins	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Hopkins	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Hopkins	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Western	Hopkins	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Hopkins	REPTILES	FARANCIA ABACURA REINWARDTII	WESTERN MUD SNAKE	S	G5T5/S3
Western	Hopkins	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Western	Hopkins	VASCULAR PLANTS	LESPEDEZA STUEVEI	TALL BUSH-CLOVER	S	G4T/S3?
Western	Hopkins	VASCULAR PLANTS	CARYA AQUATICA	WATER HICKORY	T	G5/S2S3
Western	Hopkins	VASCULAR PLANTS	LIMNOBIUM SPONGIA	AMERICAN FROG'S-BIT	T	G4/S2S3
Western	Hopkins	VASCULAR PLANTS	MUHLENBERGIA BUSHII	BUSH'S MUHLY	E	G5/S1S2
Western	Hopkins	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Western	Hopkins	VASCULAR PLANTS	DIDIPLIS DIANDRA	WATER-PURSLANE	S	G5/S2S3
Western	Livingston	AMPHIBIANS	HYLA GRATIOSA	BARKING TREEFROG	S	G5/S3
Western	Livingston	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Livingston	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	Livingston	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Livingston	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Western	Livingston	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Western	Livingston	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Livingston	BIRDS	PANDION HALIAETUS	OSPREY	T	G5/S1S2B
Western	Livingston	BIRDS	STERNA ANTILLARUM ATHALASSOS	INTERIOR LEAST TERN	E/LE	G4T2Q/S2B
Western	Livingston	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B,S3S4N
Western	Livingston	BIRDS	CISTOTHORUS PLATENSIS	SEDGE WREN	S	G5/S3B
Western	Livingston	BIRDS	PASSERCULUS SANDWICHENSIS	SAVANNAH SPARROW	S	G5/S2S3B,S2S3N
Western	Livingston	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B
Western	Livingston	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Western	Livingston	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Western	Livingston	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Western	Livingston	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Western	Livingston	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Western	Livingston	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Western	Livingston	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Western	Livingston	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Western	Livingston	BIVALVES	SIMPSONAIAS AMBIGUA	SALAMANDER MUSSEL	T	G3/S2S3
Western	Livingston	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Western	Livingston	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Western	Livingston	BIVALVES	POTAMILUS CAPAX	FAT POCKETBOOK	E/LE	G1/S1
Western	Livingston	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Western	Livingston	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Western	Livingston	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Western	Livingston	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2

Western	Livingston	FISHES	ETHEOSTOMA PROELIARE	CYPRESS DARTER	T	G5/S2
Western	Livingston	FISHES	ALOSA ALABAMAE	ALABAMA SHAD	E/C	G3/S1
Western	Livingston	FISHES	ESOX NIGER	CHAIN PICKEREL	S	G5/S3
Western	Livingston	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Western	Livingston	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Western	Livingston	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Western	Livingston	FISHES	ATRACTOSTEUS SPATULA	ALLIGATOR GAR	E	G3G4/S1
Western	Livingston	FISHES	MENIDIA BERYLLINA	INLAND SILVERSIDE	T	G5/S2
Western	Livingston	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Western	Livingston	GASTROPODS	LITHASIA SALEBROSA	MUDDY ROCKSNAIL	S	G3G4/S3S4
Western	Livingston	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Western	Livingston	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Livingston	GASTROPODS	LITHASIA VERRUCOSA	VARICOSE ROCKSNAIL	S	G3G4/S3S4
Western	Livingston	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	Livingston	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	Livingston	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Livingston	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Western	Livingston	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Livingston	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Western	Livingston	TERRESTRIAL COMMUNITIES	SHAWNEE HILLS SANDSTONE GLADE		N	S2
Western	Livingston	TERRESTRIAL COMMUNITIES	SANDSTONE BARRENS		N	S1
Western	Livingston	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Western	Livingston	VASCULAR PLANTS	MYRIOPHYLLUM PINNATUM	CUTLEAF WATER-MILFOIL	H	G5/SH
Western	Livingston	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Western	Livingston	VASCULAR PLANTS	HETERANTHERA DUBIA	GRASSLEAF MUD-PLANTAIN	S	G5/S3
Western	Livingston	VASCULAR PLANTS	HYDROLEA UNIFLORA	ONE-FLOWER FIDDLELEAF	S	G5/S3?
Western	Livingston	VASCULAR PLANTS	JUGLANS CINEREA	WHITE WALNUT	S	G3G4/S3
Western	Livingston	VASCULAR PLANTS	KOELERIA MACRANTHA	PRAIRIE JUNEGRASS	E	G5/S1
Western	Livingston	VASCULAR PLANTS	MONARDA PUNCTATA	SPOTTED BEE-BALM	H	G5/SH
Western	Livingston	VASCULAR PLANTS	MYRIOPHYLLUM HETEROPHYLLUM	BROADLEAF WATER-MILFOIL	S	G5/S3?
Western	Livingston	VASCULAR PLANTS	OENOTHERA LINIFOLIA	THREAD-LEAF SUNDROPS	E	G5/S1S2
Western	Livingston	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP OCCIDENTALE	WESTERN FALSE GROMWELL	E	G4G5T4?/S1
Western	Livingston	VASCULAR PLANTS	PHILADELPHUS PUBESCENS	HOARY MOCK ORANGE	E	G5?/S1
Western	Livingston	VASCULAR PLANTS	PTILIMNIUM COSTATUM	EASTERN BISHOP-WEED	S	G3G4/S3?
Western	Livingston	VASCULAR PLANTS	PTILIMNIUM NUTTALLII	NUTTALL'S MOCK BISHOP'S-WEED	E	G5?/S1S2
Western	Livingston	VASCULAR PLANTS	SEDUM TELEPHIOIDES	ALLEGHENY STONECROP	T	G4/S2
Western	Livingston	VASCULAR PLANTS	TORREYOCHLOA PALLIDA	PALE MANNA GRASS	E	G5?/S1
Western	Livingston	VASCULAR PLANTS	SOLIDAGO BUCKLEYI	BUCKLEY'S GOLDENROD	S	G4/S2S3
Western	Livingston	VASCULAR PLANTS	GLEDITSIA AQUATICA	WATER LOCUST	S	G5/S3?
Western	Livingston	VASCULAR PLANTS	SPOROBOLUS CLANDESTINUS	ROUGH DROPSEED	T	G5/S2S3
Western	Livingston	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3

Western	Livingston	VASCULAR PLANTS	FIMBRISTYLIS PUBERULA	HAIRY FIMBRISTYLIS	T	G5/S2
Western	Livingston	VASCULAR PLANTS	SPOROBOLUS HETEROLEPIS	NORTHERN DROPSEED	E	G5/S1
Western	Livingston	VASCULAR PLANTS	APIOUS PRICEANA	PRICE'S POTATO-BEAN	E/LT	G2/S1
Western	Livingston	VASCULAR PLANTS	ARMORACIA LACUSTRIS	LAKECRESS	T	G4?/S1S2
Western	Livingston	VASCULAR PLANTS	CIMICIFUGA RUBIFOLIA	APPALACHIAN BUGBANE	T	G3/S2
Western	Livingston	VASCULAR PLANTS	BAPTISIA BRACTEATA VAR LEUCOPHAEA	CREAM WILD INDIGO	S	G4G5T4T5/S3
Western	Logan	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Western	Logan	AMPHIBIANS	HYLA GRATIOSA	BARKING TREEFROG	S	G5/S3
Western	Logan	BIRDS	CIRCUS CYANEUS	NORTHERN HARRIER	T	G5/S1S2B,S4N
Western	Logan	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Western	Logan	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Logan	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Western	Logan	BIVALVES	VILLOSA ORTMANNI	KENTUCKY CREEKSHELL	T	G2/S2
Western	Logan	BIVALVES	ALASMIDONTA MARGINATA	ELKTOE	T	G4/S2
Western	Logan	BIVALVES	PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	E	G3/S1
Western	Logan	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Western	Logan	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Western	Logan	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Western	Logan	BIVALVES	VILLOSA VANUXEMENSIS	MOUNTAIN CREEKSHELL	T	G4/S2
Western	Logan	BIVALVES	EPIOBLASMA TRIQUETRA	SNUFFBOX	S	G3/S3
Western	Logan	BIVALVES	LEXINGTONIA DOLABELLOIDES	SLABSIDE PEARLYMUSSEL	H/C	G2/SH
Western	Logan	CRUSTACEANS	ORCONECTES PELLUCIDUS	A CRAYFISH	S	G3/S3
Western	Logan	FISHES	NOTURUS EXILIS	SLENDER MADTOM	E	G5/S1
Western	Logan	FISHES	HYBOPSIS AMNIS	PALLID SHINER	H	G4/SH
Western	Logan	FISHES	ERIMYSTAX INSIGNIS	BLOTCHED CHUB	E	G3G4/S1
Western	Logan	FISHES	ETHEOSTOMA CINEREUM	ASHY DARTER	S	G2G3/S3
Western	Logan	FISHES	ETHEOSTOMA MICROLEPIDUM	SMALLSCALE DARTER	E	G2G3/S1
Western	Logan	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Logan	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Western	Logan	GASTROPODS	RABDOTUS DEALBATUS	WHITWASHED RABDOTUS	T	G?/S1
Western	Logan	GASTROPODS	PLEUROCERA CURTA	SHORTSPIRE HORNSNAIL	S	G2/S2
Western	Logan	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Logan	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Logan	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	Logan	PALUSTRINE COMMUNITIES	SINKHOLE/DEPRESSION POND		N	S2S3
Western	Logan	PALUSTRINE COMMUNITIES	DEPRESSION SWAMP		N	S2
Western	Logan	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Western	Logan	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Logan	TERRESTRIAL COMMUNITIES	LIMESTONE BARRENS		N	S2
Western	Logan	TERRESTRIAL COMMUNITIES	LIMESTONE SLOPE GLADE		N	S2S3
Western	Logan	VASCULAR PLANTS	MUHLENBERGIA CUSPIDATA	PLAINS MUHLY	T	G4/S2
Western	Logan	VASCULAR PLANTS	MALVASTRUM HISPIDUM	HISPID FALSEMALLOW	T	G3G5/S2?
Western	Logan	VASCULAR PLANTS	LIATRIS CYLINDRACEA	SLENDER BLAZING-STAR	T	G5/S2S3
Western	Logan	VASCULAR PLANTS	LEAVENWORTHIA TORULOSA	NECKLACE GLADECRESS	T	G4/S2

Western	Logan	VASCULAR PLANTS	ISOETES BUTLERI	BLACKFOOT QUILLWORT	E	G4/S1
Western	Logan	VASCULAR PLANTS	SILPHIUM PINNATIFIDUM	PRAIRIE-DOCK	S	G3Q/S3S4
Western	Logan	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Western	Logan	VASCULAR PLANTS	FORESTIERA LIGUSTRINA	UPLAND PRIVET	T	G4G5/S2S3
Western	Logan	VASCULAR PLANTS	JUNCUS FILIPENDULUS	RINGSEED RUSH	T	G5/S2?
Western	Logan	VASCULAR PLANTS	OENOTHERA TRILOBA	STEMLESS EVENING-PRIMROSE	T	G4/S1S2
Western	Logan	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP MOLLE	SOFT FALSE GROMWELL	E	G4G5T3/S1
Western	Logan	VASCULAR PLANTS	PASPALUM BOSCIANUM	BULL PASPALUM	S	G5/S2S3
Western	Logan	VASCULAR PLANTS	PERIDERIDIA AMERICANA	EASTERN EULOPHUS	T	G4/S2
Western	Logan	VASCULAR PLANTS	SALVIA URTICIFOLIA	NETTLE-LEAF SAGE	E	G5/S1
Western	Logan	VASCULAR PLANTS	TALINUM CALCARICUM	LIMESTONE FAMEFLOWER	E	G3/S1
Western	Logan	VASCULAR PLANTS	VIOLA SEPTEMLOBA VAR EGGLESTONII	EGGLESTON'S VIOLET	S	G4/S3
Western	Logan	VASCULAR PLANTS	GENTIANA FLAVIDA	YELLOW GENTIAN	E	G4/S1S2
Western	Logan	VASCULAR PLANTS	FIMBRISTYLIS PUBERULA	HAIRY FIMBRISTYLIS	T	G5/S2
Western	Logan	VASCULAR PLANTS	PRENANTHES ASPERA	ROUGH RATTLESNAKE-ROOT	E	G4?/S1
Western	Logan	VASCULAR PLANTS	DELPHINIUM CAROLINIANUM	CAROLINA LARKSPUR	T	G5/S1S2
Western	Logan	VASCULAR PLANTS	BOUPELLOU CURTIPENDULA	SIDE-OATS GRAMA	S	G5/S3?
Western	Logan	VASCULAR PLANTS	CHEILANTHES ALABAMENSIS	ALABAMA LIPFERN	E	G4G5/S1
Western	Logan	VASCULAR PLANTS	BAPTISIA AUSTRALIS VAR MINOR	BLUE WILD INDIGO	S	G5T4/S2S3
Western	Logan	VASCULAR PLANTS	AUREOLARIA PATULA	SPREADING FALSE FOXGLOVE	S	G3/S3
Western	Logan	VASCULAR PLANTS	CAREX GIGANTEA	LARGE SEDGE	T	G4/S2
Western	Logan	VASCULAR PLANTS	DALEA PURPUREA	PURPLE PRAIRIE-CLOVER	S	G5/S3?
Western	Logan	VASCULAR PLANTS	ASTER PILOSUS VAR PRICEAE	WHITE HEATH ASTER	T	G5T3T5/S2
Western	Logan	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Western	Logan	VASCULAR PLANTS	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	T	G5/S2
Western	Logan	VASCULAR PLANTS	ASTER PRATENSIS	BARRENS SILKY ASTER	S	G?/S3
Western	Marshall	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	Marshall	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Marshall	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	Marshall	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Western	Marshall	BIRDS	ARDEA ALBA	GREAT EGRET	E	G5/S1B
Western	Marshall	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Western	Marshall	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Western	Marshall	BIRDS	CERTHIA AMERICANA	BROWN CREEPER	E	G5/S1S2B,S4S5N
Western	Marshall	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B
Western	Marshall	BIRDS	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	E/LT	G4/S1S2B,S2S3N
Western	Marshall	BIRDS	NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	T	G5/S2B
Western	Marshall	BIVALVES	PLEUROBEMA CLAVA	CLUBSHELL	E/LE	G2/S1
Western	Marshall	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Western	Marshall	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Western	Marshall	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1

Western	Marshall	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Western	Marshall	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Western	Marshall	BIVALVES	TOXOLASMA TEXASIENSIS	TEXAS LILLIPUT	E	G4/S1
Western	Marshall	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Western	Marshall	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Western	Marshall	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Western	Marshall	BIVALVES	CUMBERLANDIA MONODONTA	SPECTACLECASE	E	G2G3/S1
Western	Marshall	CRUSTACEANS	PROCAMBARUS VIAEVIRIDIS	A CRAYFISH	T	G5/S1
Western	Marshall	FISHES	ALOSA ALABAMAE	ALABAMA SHAD	E/C	G3/S1
Western	Marshall	FISHES	LEPOMIS MARGINATUS	DOLLAR SUNFISH	E	G5/S1
Western	Marshall	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Western	Marshall	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Western	Marshall	FISHES	UMBRA LIMI	CENTRAL MUDMINNOW	T	G5/S2S3
Western	Marshall	FISHES	HYBOPSIS AMNIS	PALLID SHINER	H	G4/SH
Western	Marshall	FISHES	ETHEOSTOMA PROELIARE	CYPRESS DARTER	T	G5/S2
Western	Marshall	FISHES	LAMPETRA APPENDIX	AMERICAN BROOK LAMPREY	T	G4/S2
Western	Marshall	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Marshall	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Western	Marshall	GASTROPODS	LITHASIA SALEBROSA	MUDDY ROCKSNAIL	S	G3G4/S3S4
Western	Marshall	GASTROPODS	LITHASIA VERRUCOSA	VARICOSE ROCKSNAIL	S	G3G4/S3S4
Western	Marshall	INSECTS	EUPHYES DUKESI	DUKES' SKIPPER	S	G3/S1
Western	Marshall	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	Marshall	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Marshall	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Western	Marshall	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Marshall	REPTILES	PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	T	G4T4/S2
Western	Marshall	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	Marshall	REPTILES	FARANCIA ABACURA REINWARDTII	WESTERN MUD SNAKE	S	G5T5/S3
Western	Marshall	VASCULAR PLANTS	HIERACIUM LONGIPILUM	HAIRY HAWKWEED	T	G4G5/S2
Western	Marshall	VASCULAR PLANTS	SCLERIA CILIATA VAR CILIATA	FRINGED NUTRUSH	E	G5T?/S1?
Western	Marshall	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Western	Marshall	VASCULAR PLANTS	HETERANTHERA LIMOSA	BLUE MUD-PLANTAIN	S	G5/S2S3
Western	Marshall	VASCULAR PLANTS	HYDROLEA OVATA	OVATE FIDDLELEAF	E	G5/S1
Western	Marshall	VASCULAR PLANTS	LYSIMACHIA FRASERI	FRASER'S LOOSESTRIFE	E	G2/S1
Western	Marshall	VASCULAR PLANTS	LYSIMACHIA TERRESTRIS	SWAMP CANDLES	E	G5/S1
Western	Marshall	VASCULAR PLANTS	SOLIDAGO BUCKLEYI	BUCKLEY'S GOLDENROD	S	G4/S2S3
Western	Marshall	VASCULAR PLANTS	OENOTHERA PERENNIS	SMALL SUNDROPS	E	G5/S1S2
Western	Marshall	VASCULAR PLANTS	GYMNOPOGON AMBIGUUS	BEARDED SKELETONGRASS	S	G4/S2S3
Western	Marshall	VASCULAR PLANTS	PTILIMNIUM NUTTALLII	NUTTALL'S MOCK BISHOP'S-WEED	E	G5?/S1S2
Western	Marshall	VASCULAR PLANTS	CABOMBA CAROLINIANA	CAROLINA FANWORT	T	G3G5/S2
Western	Marshall	VASCULAR PLANTS	STELLARIA LONGIFOLIA	LONGLEAF STITCHWORT	S	G5/S2S3
Western	Marshall	VASCULAR PLANTS	BAPTISIA BRACTEATA VAR LEUCOPHAEA	CREAM WILD INDIGO	S	G4G5T4T5/S3
Western	Marshall	VASCULAR PLANTS	AGRIMONIA GRYPOSEPALA	TALL HAIRY GROOVEBUR	T	G5/S1S2
Western	Marshall	VASCULAR PLANTS	TREPOCARPUS AETHUSAE	TREPOCARPUS	T	G4G5/S2

Western	Marshall	VASCULAR PLANTS	CAREX DECOMPOSITA	EPIPHYTIC SEDGE	T	G3/S2
Western	Marshall	VASCULAR PLANTS	CAREX HYSTERICINA	PORCUPINE SEDGE	H	G5/SH
Western	Marshall	VASCULAR PLANTS	CARYA AQUATICA	WATER HICKORY	T	G5/S2S3
Western	McCracken	AMPHIBIANS	AMPHIUMA TRIDACTYLUM	THREE-TOED AMPHIUMA	E	G5/S1
Western	McCracken	AMPHIBIANS	RANA AREOLATA CIRCULOSA	NORTHERN CRAWFISH FROG	S	G4T4/S3
Western	McCracken	AMPHIBIANS	HYLA CINEREA	GREEN TREEFROG	S	G5/S3
Western	McCracken	BIRDS	TYTO ALBA	BARN OWL	S	G5/S3
Western	McCracken	BIRDS	ACCIPITER STRIATUS	SHARP-SHINNED HAWK	S	G5/S3B,S 4N
Western	McCracken	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S 4N
Western	McCracken	BIRDS	AIMOPHILA AESTIVALIS	BACHMAN'S SPARROW	E	G3/SX?B
Western	McCracken	BIRDS	CORVUS OSSIFRAGUS	FISH CROW	S	G5/S3B
Western	McCracken	BIRDS	LOPHODYTES CUCULLATUS	HOODED MERGANSER	T	G5/S1S2B ,S3S4N
Western	McCracken	BIRDS	VIREO BELLII	BELL'S VIREO	S	G5/S2S3B
Western	McCracken	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Western	McCracken	BIRDS	ICTINIA MISSISSIPPIENSIS	MISSISSIPPI KITE	S	G5/S2B
Western	McCracken	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Western	McCracken	BIVALVES	LAMPSILIS ABRUPTA	PINK MUCKET	E/LE	G2/S1
Western	McCracken	BIVALVES	QUADRULA CYLINDRICA CYLINDRICA	RABBITSFOOT	T	G3T3/S2
Western	McCracken	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Western	McCracken	BIVALVES	FUSCONAIA SUBROTUNDA SUBROTUNDA	LONGSOLID	S	G3T3/S3
Western	McCracken	BIVALVES	PLETHOBASUS COOPERIANUS	ORANGEFOOT PIMPLEBACK	E/LE	G1/S1
Western	McCracken	BIVALVES	PLETHOBASUS CYPHYUS	SHEEPNOSE	S	G3/S3
Western	McCracken	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Western	McCracken	BIVALVES	POTAMILUS CAPAX	FAT POCKETBOOK	E/LE	G1/S1
Western	McCracken	BIVALVES	POTAMILUS PURPURATUS	BLEUFER	E	G5/S1
Western	McCracken	CRUSTACEANS	ORCONECTES LANCIFER	A CRAYFISH	E	G5/S1
Western	McCracken	CRUSTACEANS	CAMBARELLUS PUER	A DWARF CRAYFISH	E	G4G5/S1
Western	McCracken	FISHES	MENIDIA BERYLLINA	INLAND SILVERSIDE	T	G5/S2
Western	McCracken	FISHES	NOTROPIS MACULATUS	TAILLIGHT SHINER	T	G5/S2S3
Western	McCracken	FISHES	UMBRA LIMI	CENTRAL MUDMINNOW	T	G5/S2S3
Western	McCracken	FISHES	NOTURUS STIGMOSUS	NORTHERN MADTOM	S	G3/S2S3
Western	McCracken	FISHES	ATRACTOSTEUS SPATULA	ALLIGATOR GAR	E	G3G4/S1
Western	McCracken	FISHES	LOTA LOTA	BURBOT	S	G5/SU
Western	McCracken	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	McCracken	FISHES	ICTIOBUS NIGER	BLACK BUFFALO	S	G5/S3
Western	McCracken	FISHES	CYPRINELLA VENUSTA	BLACKTAIL SHINER	S	G5/S3
Western	McCracken	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	McCracken	FISHES	ESOX NIGER	CHAIN PICKEREL	S	G5/S3
Western	McCracken	FISHES	ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	S	G4/S2
Western	McCracken	FISHES	ACIPENSER FULVESCENS	LAKE STURGEON	E	G3/S1
Western	McCracken	FISHES	ETHEOSTOMA PROELIARE	CYPRESS DARTER	T	G5/S2
Western	McCracken	FISHES	HYBOGNATHUS HAYI	CYPRESS MINNOW	E	G5/S1
Western	McCracken	GASTROPODS	LITHASIA VERRUCOSA	VARICOSE ROCKSNAIL	S	G3G4/S3S 4
Western	McCracken	GASTROPODS	LITHASIA GENICULATA	ORNATE ROCKSNAIL	S	G3G4/S1
Western	McCracken	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S 4
Western	McCracken	GASTROPODS	LEPTOXIS PRAEROSA	ONYX ROCKSNAIL	S	G5/S3S4
Western	McCracken	INSECTS	SATYRIUM FAVONIUS ONTARIO	NORTHERN HAIRSTREAK	S	G4T4/S1
Western	McCracken	INSECTS	EUPHYES DUKESI	DUKES' SKIPPER	S	G3/S1
Western	McCracken	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3



Western	McCracken	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	McCracken	MAMMALS	MYOTIS SODALIS	INDIANA BAT	E/LE	G2/S1S2
Western	McCracken	PALUSTRINE COMMUNITIES	FLOODPLAIN RIDGE/TERRACE FOREST		N	S1
Western	McCracken	PALUSTRINE COMMUNITIES	WET PRAIRIE		N	S1
Western	McCracken	REPTILES	APALONE MUTICA MUTICA	MIDLAND SMOOTH SOFTSHELL	S	G5T5/S3
Western	McCracken	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	McCracken	REPTILES	MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	T	G3G4/S2
Western	McCracken	VASCULAR PLANTS	LESPEDEZA STUEVEI	TALL BUSH-CLOVER	S	G4T/S3?
Western	McCracken	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	McCracken	VASCULAR PLANTS	PRENANTHES ASPERA	ROUGH RATTLESNAKE-ROOT	E	G4T/S1
Western	McCracken	VASCULAR PLANTS	HALESIA TETRAPTERA	MOUNTAIN SILVER-BELL	E	G5/S1S2
Western	McCracken	VASCULAR PLANTS	HETEROHECA SUBAXILLARIS VAR LATIFOLIA	BROAD-LEAF GOLDEN-ASTER	T	G5T5/S2
Western	McCracken	VASCULAR PLANTS	HYDROLEA UNIFLORA	ONE-FLOWER FIDDLELEAF	S	G5/S3?
Western	McCracken	VASCULAR PLANTS	HYPERICUM ADPRESSUM	CREEPING ST. JOHN'S-WORT	H	G2G3/SH
Western	McCracken	VASCULAR PLANTS	MUHLENBERGIA GLABRIFLORIS	HAIR GRASS	S	G4T/S2S3
Western	McCracken	VASCULAR PLANTS	MELANTHERA NIVEA	SNOW MELANTHERA	S	G5/S3?
Western	McCracken	VASCULAR PLANTS	LILIUM SUPERBUM	TURK'S CAP LILY	T	G5/S1S2
Western	McCracken	VASCULAR PLANTS	ASTER DRUMMONDII VAR TEXANUS	TEXAS ASTER	T	G5T/S2
Western	McCracken	VASCULAR PLANTS	CARYA AQUATICA	WATER HICKORY	T	G5/S2S3
Western	McCracken	VASCULAR PLANTS	LATHYRUS PALUSTRIS	VETCHLING PEAVINE	T	G5/S2
Western	McCracken	VASCULAR PLANTS	RUDBECKIA SUBTOMENTOSA	SWEET CONEFLOWER	E	G5/S1
Western	McCracken	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5T/S3
Western	McCracken	VASCULAR PLANTS	AESCULUS PAVIA	RED BUCKEYE	T	G5/S2S3
Western	McCracken	VASCULAR PLANTS	SOLIDAGO BUCKLEYI	BUCKLEY'S GOLDENROD	S	G4/S2S3
Western	McCracken	VASCULAR PLANTS	SILPHIUM LACINIATUM VAR ROBINSONII	COMPASS PLANT	T	G5T/S2
Western	McCracken	VASCULAR PLANTS	BAPTISIA BRACTEATA VAR LEUCOPHAEA	CREAM WILD INDIGO	S	G4G5T4T5/S3
Western	McCracken	VASCULAR PLANTS	ARISTIDA RAMOSISSIMA	BRANCHED THREE-AWN GRASS	H	G5/SH
Western	McCracken	VASCULAR PLANTS	CAREX HYSTERICINA	PORCUPINE SEDGE	H	G5/SH
Western	Muhlenberg	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Western	Muhlenberg	AMPHIBIANS	HYLA AVIVOCA	BIRD-VOICED TREEFROG	T	G5/S2S3
Western	Muhlenberg	BIRDS	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	E/LE	G3/S1
Western	Muhlenberg	BIRDS	RIPARIA RIPARIA	BANK SWALLOW	S	G5/S3B
Western	Muhlenberg	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Muhlenberg	BIRDS	AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	S	G4/S3B
Western	Muhlenberg	BIRDS	GALLINULA CHLOROPUS	COMMON MOORHEN	T	G5/S1S2B
Western	Muhlenberg	BIRDS	ARDEA HERODIAS	GREAT BLUE HERON	S	G5/S3B,S4N
Western	Muhlenberg	BIRDS	ASIO FLAMMEUS	SHORT-EARED OWL	E	G5/S1B,S2N
Western	Muhlenberg	BIRDS	ASIO OTUS	LONG-EARED OWL	E	G5/S1B,S1S2N
Western	Muhlenberg	BIRDS	CIRCUS CYANEUS	NORTHERN HARRIER	T	G5/S1S2B,S4N
Western	Muhlenberg	BIRDS	VIREO BELLII	BELL'S VIREO	S	G5/S2S3B
Western	Muhlenberg	BIRDS	IXOBRYCHUS EXILIS	LEAST BITTERN	T	G5/S1S2B

Western	Muhlenberg	BIVALVES	EPIOBLASMA OBLIQUATA OBLIQUATA	CATSPAW	E/LE	G1T1/S1
Western	Muhlenberg	BIVALVES	VILLOSA LIENOSA	LITTLE SPECTACLECASE	S	G5/S3S4
Western	Muhlenberg	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Western	Muhlenberg	BIVALVES	PLEUROBEMA RUBRUM	PYRAMID PIGTOE	E	G2/S1
Western	Muhlenberg	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Western	Muhlenberg	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Muhlenberg	FISHES	ERIMYZON SUCETTA	LAKE CHUBSUCKER	T	G5/S2
Western	Muhlenberg	INSECTS	STYLURUS NOTATUS	ELUSIVE CLUBTAIL	H	G3/SH
Western	Muhlenberg	MAMMALS	MYOTIS GRISESCENS	GRAY MYOTIS	E/LE	G3/S2
Western	Muhlenberg	MAMMALS	MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	E	G3G4/S1S2
Western	Muhlenberg	MAMMALS	NYCTICEIUS HUMERALIS	EVENING BAT	T	G5/S2S3
Western	Muhlenberg	PALUSTRINE COMMUNITIES	CYPRESS SWAMP		N	S3
Western	Muhlenberg	PALUSTRINE COMMUNITIES	BOTTOMLAND HARDWOOD FOREST		N	S2
Western	Muhlenberg	REPTILES	NERODIA ERYTHROGASTER NEGLECTA	COPPERBELLY WATER SNAKE	S	G5T2T3/S3
Western	Muhlenberg	REPTILES	THAMNOPHIS SAURITUS SAURITUS	EASTERN RIBBON SNAKE	S	G5T5/S3
Western	Muhlenberg	VASCULAR PLANTS	CARYA AQUATICA	WATER HICKORY	T	G5/S2S3
Western	Muhlenberg	VASCULAR PLANTS	MALUS ANGUSTIFOLIA	SOUTHERN CRABAPPLE	S	G5/S3
Western	Muhlenberg	VASCULAR PLANTS	DRYOPTERIS CARTHUSIANA	SPINULOSE WOOD FERN	S	G5/S3
Western	Muhlenberg	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Western	Muhlenberg	VASCULAR PLANTS	DIDIPLIS DIANDRA	WATER-PURSLANE	S	G5/S2S3
Western	Muhlenberg	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Western	Muhlenberg	VASCULAR PLANTS	CHELONE OBLIQUA VAR SPECIOSA	ROSE TURTLEHEAD	S	G4T3/S3
Western	Muhlenberg	VASCULAR PLANTS	ZIZANIOPSIS MILIACEA	SOUTHERN WILD RICE	T	G5/S1S2
Western	Todd	AMPHIBIANS	HYLA GRATIOSA	BARKING TREEFROG	S	G5/S3
Western	Todd	AMPHIBIANS	CRYPTOBRANCHUS ALLEGANIENSIS ALLEGANIENSIS	EASTERN HELLBENDER	S	G4T4/S3
Western	Todd	BIRDS	THRYOMANES BEWICKII	BEWICK'S WREN	S	G5/S3B
Western	Todd	BIRDS	CHONDESTES GRAMMACUS	LARK SPARROW	T	G5/S2S3B
Western	Todd	BIVALVES	PTYCHOBANCHUS SUBTENTUM	FLUTED KIDNEYSHELL	E/C	G2G3/S1
Western	Todd	BIVALVES	PEGIAS FABULA	LITTLEWING PEARLYMUSSEL	E/LE	G1/S1
Western	Todd	BIVALVES	OBOVARIA RETUSA	RING PINK	E/LE	G1/S1
Western	Todd	BIVALVES	TOXOLASMA LIVIDUS	PURPLE LILLIPUT	E	G2/S1
Western	Todd	BIVALVES	LAMPSILIS OVATA	POCKETBOOK	E	G5/S1
Western	Todd	BIVALVES	CYPROGENIA STEGARIA	FANSHELL	E/LE	G1/S1
Western	Todd	BIVALVES	VILLOSA VANUXEMENSIS	MOUNTAIN CREEKSHELL	T	G4/S2
Western	Todd	FISHES	LEPOMIS MINIATUS	REDSPOTTED SUNFISH	T	G5/S2
Western	Todd	FISHES	ETHEOSTOMA TECUMSEHI	SHAWNEE DARTER	T	G1/S2
Western	Todd	GASTROPODS	LITHASIA ARMIGERA	ARMORED ROCKSNAIL	S	G3G4/S3S4
Western	Todd	GASTROPODS	RABDOTUS DEALBATUS	WHITWASHED RABDOTUS	T	G7/S1
Western	Todd	TERRESTRIAL COMMUNITIES	LIMESTONE PRAIRIE		N	S1
Western	Todd	TERRESTRIAL COMMUNITIES	CALCAREOUS MESOPHYTIC FOREST		N	S5
Western	Todd	VASCULAR PLANTS	LEAVENWORTHIA TORULOSA	NECKLACE GLADECRESS	T	G4/S2
Western	Todd	VASCULAR PLANTS	ONOSMODIUM MOLLE SSP HISPIDISSIMUM	HAIRY FALSE GROMWELL	E	G4G5T4/S1
Western	Todd	VASCULAR PLANTS	GENTIANA PUBERULENTA	DOWNY GENTIAN	E	G4G5/S1
Western	Todd	VASCULAR PLANTS	PERIDERIDIA AMERICANA	EASTERN EULOPHUS	T	G4/S2

Western	Todd	VASCULAR PLANTS	DODECATHEON FRENCHII	FRENCH'S SHOOTING STAR	S	G3/S3
Western	Todd	VASCULAR PLANTS	BAPTISIA TINCTORIA	YELLOW WILD INDIGO	T	G5/S1S2
Western	Todd	VASCULAR PLANTS	OENOTHERA LINIFOLIA	THREAD-LEAF SUNDROPS	E	G5/S1S2
Western	Todd	VASCULAR PLANTS	TRIFOLIUM REFLEXUM	BUFFALO CLOVER	E	G5/S1S2
Western	Todd	VASCULAR PLANTS	MELANTHIUM WOODII	WOOD BUNCHFLOWER	T	G5/S2
Western	Todd	VASCULAR PLANTS	CAREX ALATA	BROADWING SEDGE	T	G5/S1S2
Western	Todd	VASCULAR PLANTS	DELPHINIUM CAROLINIANUM	CAROLINA LARKSPUR	T	G5/S1S2
Western	Todd	VASCULAR PLANTS	BAPTISIA AUSTRALIS VAR MINOR	BLUE WILD INDIGO	S	G5T4/S2S3
Western	Todd	VASCULAR PLANTS	AMIANTHIUM MUSCITOXICUM	FLY POISON	T	G4G5/S1S2
Western	Todd	VASCULAR PLANTS	AGALINIS SKINNERIANA	PALE FALSE FOXGLOVE	E	G3/S1S2
Western	Todd	VASCULAR PLANTS	SALVIA URTICIFOLIA	NETTLE-LEAF SAGE	E	G5/S1

## APPENDIX 6

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