

**Report of  
Endangered, Threatened, and Special Concern  
Plants, Animals, and Natural Communities  
for McCreary County, Kentucky**

**Kentucky State Nature Preserves  
Commission  
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# Kentucky State Nature Preserves Commission

## Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

### STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none    E = endangered    T = threatened    S = special concern    H = historic    X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none    C = candidate    LT = listed as threatened    LE = listed as endangered

PT = proposed threatened    PE = proposed endangered

SOMC = Species of Management Concern

### RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S#B = Rank of breeding population

S3 = Vulnerable

S#Q = Questionable taxonomy

S#N = Rank of non-breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#M = Rank of transient population

S5 = Secure

SNR = Unranked

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

### COUNT DATA FIELDS

# OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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| County   | Taxonomic Group | Scientific name                          | Common name                  | Statuses | Ranks       | # of Occurrences |   |   |   |   |
|----------|-----------------|--|------------------------------|----------|-------------|------------------|---|---|---|---|
|          |                 |  |                              |          |             | E                | H | F | X | U |
| McCreary | Mosses          | <i>Anomodon rugelii</i>                  |                              | T /      | G5 / S2?    | 1                | 0 | 0 | 0 | 0 |
| McCreary | Mosses          | <i>Bryum miniatum</i>                    |                              | E /      | G4G5 / S1?  | 1                | 0 | 0 | 0 | 0 |
| McCreary | Mosses          | <i>Cirriphyllum piliferum</i>            |                              | T /      | G5 / S2?    | 1                | 0 | 0 | 0 | 0 |
| McCreary | Mosses          | <i>Dicranodontium asperulum</i>          |                              | E /      | G4G5 / S1?  | 0                | 1 | 0 | 0 | 0 |
| McCreary | Mosses          | <i>Orthotrichum diaphanum</i>            |                              | E /      | G5 / S1?    | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Aconitum uncinatum</i>                | Blue Monkshood               | E /      | G4 / S1S2   | 2                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Agalinis decemloba</i>                | Ten-lobed False Foxglove     | E /      | G4Q / S1    | 5                | 1 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Ageratina luciae-brauniae</i>         | Lucy Braun's White Snakeroot | S / SOMC | G3 / S3     | 29               | 9 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Aureolaria patula</i>                 | Spreading False Foxglove     | S /      | G3 / S3     | 4                | 0 | 0 | 1 | 0 |
| McCreary | Vascular Plants | <i>Baptisia tinctoria</i>                | Yellow Wild Indigo           | T /      | G5 / S1S2   | 2                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Bartonia virginica</i>                | Yellow Screwstem             | T /      | G5 / S2     | 5                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Berberis canadensis</i>               | American Barberry            | E /      | G3 / S1     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Boykinia aconitifolia</i>             | Brook Saxifrage              | E /      | G4 / S1S2   | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Calamovilfa arcuata</i>               | Cumberland sandgrass         | E /      | G2G3 / S1   | 2                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Calopogon tuberosus</i>               | Grass Pink                   | E /      | G5 / S1     | 0                | 0 | 1 | 1 | 0 |
| McCreary | Vascular Plants | <i>Calycanthus floridus var. glaucus</i> | Eastern Sweetshrub           | T /      | G5T5 / S2   | 10               | 3 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Carex aestivalis</i>                  | Summer Sedge                 | E /      | G4 / S1     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Carex appalachica</i>                 | Appalachian Sedge            | T /      | G4 / S2?    | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Carex gigantea</i>                    | Large Sedge                  | E /      | G4 / S1S2   | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Carex jorii</i>                       | Cypress-swamp Sedge          | E /      | G4G5 / S1S2 | 3                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Castanea pumila</i>                   | Allegheny Chinkapin          | T /      | G5 / S2     | 3                | 2 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Chrysogonum virginianum</i>           | Green-and-gold               | E /      | G5 / S1     | 3                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Comptonia peregrina</i>               | Sweet-fern                   | E /      | G5 / S1     | 1                | 0 | 0 | 1 | 0 |
| McCreary | Vascular Plants | <i>Conradina verticillata</i>            | Cumberland Rosemary          | E / LT   | G3 / S1     | 6                | 0 | 1 | 5 | 0 |
| McCreary | Vascular Plants | <i>Coreopsis pubescens</i>               | Star Tickseed                | S /      | G5? / S2S3  | 17               | 2 | 2 | 0 | 0 |

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|----------|-----------------|----------------------------------|-----------------------------|----------|-------------|------------------|---|---|---|---|
|          |                 |                                  |                             |          |             | E                | H | F | X | U |
| McCreary | Vascular Plants | <i>Cyperus plukenetii</i>        | Plukenet's Cyperus          | H /      | G5 / SH     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Cypripedium kentuckiense</i>  | Kentucky Lady's-slipper     | E / SOMC | G3 / S1S2   | 7                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Deschampsia flexuosa</i>      | Crinkled Hairgrass          | T /      | G5 / S2     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Dichanthelium boreale</i>     | Northern Witchgrass         | S /      | G5 / S2S3   | 0                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Dryopteris carthusiana</i>    | Spinulose Wood Fern         | S /      | G5 / S3     | 3                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Eupatorium semiserratum</i>   | Small-flower Thoroughwort   | E /      | G5 / S1?    | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Euphorbia mercurialina</i>    | Mercury Spurge              | T /      | G4 / S1S2   | 7                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Eurybia saxicastellii</i>     | Rockcastle Aster            | T / SOMC | G1G2 / S1S2 | 9                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Goodyera repens</i>           | Lesser rattlesnake-plantain | E /      | G5 / S1S2   | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Gratiola pilosa</i>           | Shaggy Hedgehyssop          | T /      | G5? / S2    | 3                | 0 | 2 | 0 | 0 |
| McCreary | Vascular Plants | <i>Halesia carolina</i>          | Common Silverbell           | E /      | G5 / S1S2   | 0                | 1 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Hexastylis contracta</i>      | Southern Heartleaf          | E / SOMC | G3 / S1     | 4                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Hydrocotyle americana</i>     | American Water-pennywort    | X /      | G5 / SH     | 0                | 1 | 0 | 1 | 0 |
| McCreary | Vascular Plants | <i>Hypericum crux-andreae</i>    | St. Peter's-wort            | T /      | G5 / S2S3   | 4                | 1 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Lathyrus palustris</i>        | Vetchling Peavine           | T /      | G5 / S2     | 6                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Lilium philadelphicum</i>     | Wood Lily                   | T /      | G5 / S2S3   | 9                | 1 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Lilium superbum</i>           | Turk's Cap Lily             | T /      | G5 / S1S2   | 1                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Lobelia nuttallii</i>         | Nuttall's Lobelia           | T /      | G4G5 / S2   | 1                | 2 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Lycopodiella appressa</i>     | Southern Bog Clubmoss       | E /      | G5 / S1     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Maianthemum canadense</i>     | Wild Lily-of-the-valley     | T /      | G5 / S2     | 3                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Marshallia grandiflora</i>    | Barbara's Buttons           | E / SOMC | G2 / S1     | 4                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Matelea carolinensis</i>      | Carolina Anglepod           | E /      | G4 / S1?    | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Minuartia cumberlandensis</i> | Cumberland Sandwort         | E / LE   | G2G3 / S1   | 1                | 0 | 0 | 1 | 0 |
| McCreary | Vascular Plants | <i>Minuartia glabra</i>          | Appalachian Sandwort        | T /      | G4 / S1S2   | 4                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Monotropsis odorata</i>       | Sweet Pinesap               | T / SOMC | G3 / S2     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Oenothera perennis</i>        | Small Sundrops              | E /      | G5 / S1S2   | 0                | 1 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Onosmodium occidentale</i>    | Western False Gromwell      | E /      | G4? / S1    | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Orontium aquaticum</i>        | Golden Club                 | T /      | G5 / S2     | 17               | 1 | 2 | 3 | 0 |

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|          |                 |   |                                  |          |             | E                | H | F | X | U |
| McCreary | Vascular Plants | <i>Parnassia asarifolia</i>                       | Kidneyleaf<br>Grass-of-parnassus | E /      | G4 / S1     | 4                | 1 | 0 | 1 | 0 |
| McCreary | Vascular Plants | <i>Paxistima canbyi</i>                           | Canby's Mountain-lover           | T / SOMC | G2 / S2     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Philadelphus inodorus</i>                      | Mock Orange                      | T /      | G4G5 / S1S2 | 2                | 1 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Platanthera cristata</i>                       | Yellow-crested Orchid            | T /      | G5 / S1S2   | 5                | 1 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Platanthera integrilabia</i>                   | White Fringeless Orchid          | E / PT   | G2G3 / S1   | 2                | 1 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Podostemum ceratophyllum</i>                   | Threadfoot                       | S /      | G5 / S3     | 6                | 2 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Polygala cruciata</i>                          | Crossleaf Milkwort               | E /      | G5 / S1     | 0                | 1 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Polygala polygama</i>                          | Racemed Milkwort                 | T /      | G5 / S2     | 8                | 1 | 3 | 0 | 0 |
| McCreary | Vascular Plants | <i>Potamogeton illinoensis</i>                    | Illinois Pondweed                | S /      | G5 / S2     | 4                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Rhynchosia tomentosa</i>                       | Hairy Snoutbean                  | E /      | G5 / S1S2   | 4                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Rhynchospora recognita</i>                     | Globe Beaked-rush                | S /      | G5? / S3    | 4                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Sabatia brachiata</i>                          | Narrow-leaf Pink                 | /        | G5? / S1?   | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Salvia urticifolia</i>                         | Nettle-leaf Sage                 | E /      | G5 / S1     | 3                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Saxifraga michauxii</i>                        | Michaux's Saxifrage              | T /      | G4G5 / S2   | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Schisandra glabra</i>                          | Bay Starvine                     | E /      | G3 / S1     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Schwalbea americana</i>                        | Chaffseed                        | H / LE   | G2G3 / SH   | 0                | 0 | 0 | 2 | 0 |
| McCreary | Vascular Plants | <i>Scutellaria saxatilis</i>                      | Rock Skullcap                    | T /      | G3 / S2S3   | 2                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Silene regia</i>                               | Royal Catchfly                   | E /      | G3 / S1     | 0                | 1 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Solidago simplex ssp. randii var. racemosa</i> | Rand's Goldenrod                 | S /      | G5T3? / S3  | 16               | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Sphenopholis pensylvanica</i>                  | Swamp Wedgescale                 | S /      | G4 / S1S2   | 2                | 0 | 1 | 0 | 0 |
| McCreary | Vascular Plants | <i>Spiraea virginiana</i>                         | Virginia Spiraea                 | T / LT   | G2 / S2     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Spiranthes lucida</i>                          | Shining Ladies'-tresses          | T /      | G5 / S2S3   | 4                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Sporobolus clandestinus</i>                    | Rough Dropseed                   | T /      | G5 / S2S3   | 3                | 0 | 0 | 0 | 0 |
| McCreary | Vascular Plants | <i>Stenanthium gramineum</i>                      | Eastern Featherbells             | T /      | G4G5 / S2S3 | 2                | 0 | 0 | 1 | 0 |
| McCreary | Vascular Plants | <i>Symphotrichum concolor</i>                     | Eastern Silvery Aster            | T /      | G5 / S2     | 11               | 4 | 0 | 0 | 0 |

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|----------|--------------------|--------------------------------------|-------------------------|----------|-------------|------------------|---|----|---|---|
|          |                    |                                      |                         |          |             | E                | H | F  | X | U |
| McCreary | Vascular Plants    | <i>Talinum teretifolium</i>          | Roundleaf Fameflower    | E /      | G4 / S1     | 8                | 0 | 2  | 1 | 0 |
| McCreary | Vascular Plants    | <i>Tephrosia spicata</i>             | Spiked Hoary-pea        | E /      | G4G5 / S1S2 | 8                | 1 | 1  | 0 | 0 |
| McCreary | Vascular Plants    | <i>Thuja occidentalis</i>            | Northern White Cedar    | T /      | G5 / S2S3   | 2                | 1 | 0  | 0 | 0 |
| McCreary | Vascular Plants    | <i>Toxicodendron vernix</i>          | Poison Sumac            | E /      | G5 / S1     | 1                | 0 | 0  | 0 | 0 |
| McCreary | Vascular Plants    | <i>Vallisneria americana</i>         | Eelgrass                | S /      | G5 / S2S3   | 8                | 0 | 0  | 0 | 0 |
| McCreary | Vascular Plants    | <i>Veratrum parviflorum</i>          | Appalachian Bunchflower | T /      | G4? / S2    | 4                | 0 | 0  | 0 | 0 |
| McCreary | Vascular Plants    | <i>Vitis rupestris</i>               | Sand Grape              | T /      | G3 / S2     | 1                | 0 | 0  | 0 | 0 |
| McCreary | Aquatic Snails     | <i>Pleurocera curta</i>              | Shortspire Hornsnail    | S / SOMC | G2 / S2     | 0                | 1 | 0  | 0 | 0 |
| McCreary | Terrestrial Snails | <i>Appalachina chilhoweensis</i>     | Queen Crater            | S /      | G4 / S1S2   | 6                | 1 | 0  | 0 | 0 |
| McCreary | Terrestrial Snails | <i>Fumonelix wetherbyi</i>           | Clifty Covert           | S /      | G2G3 / S2   | 5                | 0 | 0  | 0 | 0 |
| McCreary | Freshwater Mussels | <i>Alasmidonta atropurpurea</i>      | Cumberland Elktoe       | E / LE   | G1G2 / S1   | 18               | 1 | 14 | 1 | 0 |
| McCreary | Freshwater Mussels | <i>Alasmidonta marginata</i>         | Elktoe                  | T / SOMC | G4 / S2     | 0                | 0 | 0  | 6 | 0 |
| McCreary | Freshwater Mussels | <i>Anodontoides denigratus</i>       | Cumberland Papershell   | E / SOMC | G1 / S1     | 6                | 0 | 10 | 0 | 0 |
| McCreary | Freshwater Mussels | <i>Cumberlandia monodonta</i>        | Spectaclecase           | E / LE   | G3 / S1     | 1                | 0 | 0  | 0 | 0 |
| McCreary | Freshwater Mussels | <i>Dromus dromas</i>                 | Dromedary Pearlymussel  | E / LE   | G1 / S1     | 1                | 0 | 0  | 2 | 0 |
| McCreary | Freshwater Mussels | <i>Epioblasma brevidens</i>          | Cumberlandian Combshell | E / LE   | G1 / S1     | 8                | 0 | 0  | 2 | 0 |
| McCreary | Freshwater Mussels | <i>Epioblasma capsaeformis</i>       | Oyster Mussel           | E / LE   | G1 / S1     | 1                | 0 | 0  | 2 | 0 |
| McCreary | Freshwater Mussels | <i>Epioblasma florentina walkeri</i> | Tan Riffleshell         | E / LE   | G1T1 / S1   | 5                | 0 | 0  | 0 | 0 |
| McCreary | Freshwater Mussels | <i>Epioblasma triquetra</i>          | Snuffbox                | E / LE   | G3 / S1     | 0                | 0 | 0  | 1 | 0 |
| McCreary | Freshwater Mussels | <i>Fusconaia subrotunda</i>          | Longsolid               | S /      | G3 / S3S4   | 0                | 0 | 0  | 1 | 0 |
| McCreary | Freshwater Mussels | <i>Hemistena lata</i>                | Cracking Pearlymussel   | X / LE   | G1 / SX     | 0                | 0 | 0  | 1 | 0 |
| McCreary | Freshwater Mussels | <i>Lampsilis ovata</i>               | Pocketbook              | E /      | G5 / S1     | 1                | 0 | 0  | 4 | 0 |
| McCreary | Freshwater Mussels | <i>Pegias fabula</i>                 | Littlewing Pearlymussel | E / LE   | G1 / S1     | 5                | 0 | 0  | 9 | 0 |
| McCreary | Freshwater Mussels | <i>Pleurobema clava</i>              | Clubshell               | E / LE   | G1G2 / S1   | 0                | 0 | 0  | 1 | 0 |
| McCreary | Freshwater Mussels | <i>Pleurobema oviforme</i>           | Tennessee Clubshell     | E / SOMC | G2G3 / S1   | 2                | 0 | 0  | 7 | 0 |

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|----------|--------------------|---------------------------------------|----------------------------------|----------|-------------|------------------|---|---|----|---|
|          |                    |                                       |                                  |          |             | E                | H | F | X  | U |
| McCreary | Freshwater Mussels | <i>Ptychobranhus subtentum</i>        | Fluted Kidneyshell               | E / LE   | G2 / S1     | 12               | 0 | 0 | 12 | 0 |
| McCreary | Freshwater Mussels | <i>Quadrula cylindrica cylindrica</i> | Rabbitsfoot                      | T / LT   | G3G4T3 / S2 | 0                | 0 | 0 | 1  | 0 |
| McCreary | Freshwater Mussels | <i>Toxolasma lividus</i>              | Purple Lilliput                  | E / SOMC | G3Q / S1    | 0                | 0 | 0 | 7  | 0 |
| McCreary | Freshwater Mussels | <i>Villosa lienosa</i>                | Little Spectaclecase             | S /      | G5 / S3S4   | 0                | 0 | 0 | 2  | 0 |
| McCreary | Freshwater Mussels | <i>Villosa trabalis</i>               | Cumberland Bean                  | E / LE   | G1 / S1     | 5                | 0 | 0 | 12 | 0 |
| McCreary | Crustaceans        | <i>Cambarus bouchardi</i>             | Big South Fork Crayfish          | E /      | G2 / S1S2   | 2                | 0 | 0 | 0  | 0 |
| McCreary | Crustaceans        | <i>Cambarus buntingi</i>              | Longclaw Crayfish                | S /      | G4Q / S3S4  | 1                | 0 | 0 | 0  | 0 |
| McCreary | Crustaceans        | <i>Cambarus parvoculus</i>            | Mountain Midget Crayfish         | T /      | G5 / S2     | 1                | 0 | 0 | 0  | 0 |
| McCreary | Crustaceans        | <i>Orconectes barri</i>               | Cumberland Plateau Cave Crayfish | T /      | G2 / S2     | 0                | 1 | 0 | 0  | 0 |
| McCreary | Crustaceans        | <i>Orconectes packardi</i>            | Appalachian Cave Crayfish        | T /      | G2 / S2S3   | 0                | 1 | 0 | 0  | 0 |
| McCreary | Insects            | <i>Habrophlebiodes celeteria</i>      | A Leptophlebiid Mayfly           | H /      | G2G4 / SH   | 0                | 1 | 0 | 0  | 0 |
| McCreary | Insects            | <i>Manophylax butleri</i>             | A Limnephilid Caddisfly          | S /      | G2 / S2     | 9                | 0 | 0 | 0  | 0 |
| McCreary | Insects            | <i>Papaipema speciosissima</i>        | Osmunda Borer Moth               | E /      | G4 / S2     | 2                | 0 | 0 | 0  | 0 |
| McCreary | Insects            | <i>Stylurus notatus</i>               | Elusive Clubtail                 | E / SOMC | G3 / S1     | 0                | 2 | 0 | 0  | 0 |
| McCreary | Insects            | <i>Stylurus scudderii</i>             | Zebra Clubtail                   | E /      | G4 / S1     | 1                | 1 | 0 | 0  | 0 |
| McCreary | Fishes             | <i>Acipenser fulvescens</i>           | Lake Sturgeon                    | E / SOMC | G3G4 / S1   | 0                | 1 | 0 | 0  | 0 |
| McCreary | Fishes             | <i>Chrosomus cumberlandensis</i>      | Blackside Dace                   | T / LT   | G2 / S2     | 57               | 0 | 3 | 0  | 0 |
| McCreary | Fishes             | <i>Erimystax insignis</i>             | Blotched Chub                    | E / SOMC | G4 / S1     | 0                | 0 | 0 | 5  | 0 |
| McCreary | Fishes             | <i>Etheostoma cinereum</i>            | Ashy Darter                      | S / SOMC | G2G3 / S3   | 10               | 0 | 0 | 2  | 0 |
| McCreary | Fishes             | <i>Etheostoma lemniscatum</i>         | Tuxedo Darter                    | E / LE   | G1 / S1     | 8                | 0 | 0 | 0  | 0 |
| McCreary | Fishes             | <i>Etheostoma sagitta</i>             | Cumberland Arrow Darter          | S / C    | G3 / S3     | 37               | 3 | 0 | 0  | 0 |

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|----------|-----------------|---|-------------------------------|----------|---------------|------------------|---|---|---|---|
|          |                 |   |                               |          |               | E                | H | F | X | U |
| McCreary | Fishes          | <i>Etheostoma susanae</i>                         | Cumberland Darter             | E / LE   | G1G2 / S1     | 22               | 2 | 2 | 0 | 0 |
| McCreary | Fishes          | <i>Hybopsis amnis</i>                             | Pallid Shiner                 | E / SOMC | G4 / S1       | 1                | 0 | 0 | 0 | 0 |
| McCreary | Fishes          | <i>Ichthyomyzon greeleyi</i>                      | Mountain Brook Lamprey        | T /      | G4 / S2       | 1                | 0 | 0 | 0 | 0 |
| McCreary | Fishes          | <i>Notropis albizonatus</i>                       | Palezone Shiner               | E / LE   | G1 / S1       | 15               | 2 | 0 | 0 | 0 |
| McCreary | Fishes          | <i>Notropis sp. 4</i>                             | Sawfin Shiner                 | E /      | G4 / S1       | 7                | 4 | 0 | 0 | 0 |
| McCreary | Fishes          | <i>Percina squamata</i>                           | Olive Darter                  | E / SOMC | G3 / S1       | 1                | 0 | 0 | 0 | 0 |
| McCreary | Amphibians      | <i>Cryptobranchus alleganiensis alleganiensis</i> | Eastern Hellbender            | E / SOMC | G3G4T3T4 / S1 | 1                | 2 | 0 | 0 | 0 |
| McCreary | Reptiles        | <i>Eumeces anthracinus</i>                        | Coal Skink                    | T /      | G5 / S2       | 1                | 0 | 0 | 0 | 0 |
| McCreary | Reptiles        | <i>Eumeces inexpectatus</i>                       | Southeastern Five-lined Skink | S /      | G5 / S3       | 6                | 6 | 0 | 0 | 0 |
| McCreary | Reptiles        | <i>Lampropeltis triangulum elapsoides</i>         | Scarlet Kingsnake             | S /      | G5 / S3       | 0                | 2 | 0 | 0 | 0 |
| McCreary | Reptiles        | <i>Ophisaurus attenuatus longicaudus</i>          | Eastern Slender Glass Lizard  | T /      | G5T5 / S2     | 15               | 4 | 0 | 0 | 0 |
| McCreary | Reptiles        | <i>Pituophis melanoleucus melanoleucus</i>        | Northern Pine Snake           | E / SOMC | G4T4 / S2     | 0                | 1 | 0 | 0 | 0 |
| McCreary | Breeding Birds  | <i>Accipiter striatus</i>                         | Sharp-shinned Hawk            | S /      | G5 / S3B,S4N  | 3                | 0 | 0 | 0 | 0 |
| McCreary | Breeding Birds  | <i>Picoides borealis</i>                          | Red-cockaded Woodpecker       | X / LE   | G3 / SX       | 0                | 0 | 0 | 7 | 0 |
| McCreary | Mammals         | <i>Corynorhinus rafinesquii</i>                   | Rafinesque's Big-eared Bat    | S / SOMC | G3G4 / S3     | 33               | 1 | 0 | 0 | 0 |
| McCreary | Mammals         | <i>Myotis leibii</i>                              | Eastern Small-footed Myotis   | T / SOMC | G1G3 / S2     | 4                | 0 | 0 | 0 | 0 |
| McCreary | Mammals         | <i>Myotis septentrionalis</i>                     | Northern Long-Eared Bat       | E / LT   | G2G3 / S3     | 7                | 0 | 0 | 0 | 0 |
| McCreary | Mammals         | <i>Myotis sodalis</i>                             | Indiana Bat                   | E / LE   | G2 / S1S2     | 1                | 0 | 0 | 0 | 0 |
| McCreary | Mammals         | <i>Spilogale putorius</i>                         | Eastern Spotted Skunk         | S /      | G4 / S2S3     | 4                | 0 | 0 | 0 | 0 |
| McCreary | Mammals         | <i>Ursus americanus</i>                           | American Black Bear           | S /      | G5 / S2       | 2                | 0 | 0 | 0 | 0 |
| McCreary | Communities     | <i>Acidic mesophytic forest</i>                   |                               | N /      | GNR / S5      | 1                | 0 | 0 | 0 | 0 |
| McCreary | Communities     | <i>Appalachian mesophytic forest</i>              |                               | N /      | GNR / S4S5    | 9                | 0 | 0 | 0 | 0 |

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|-------------------------------|-----------------|---|-------------|----------|------------|------------------|-----------|-----------|------------|----------|
|                               |                 |   |             |          |            | E                | H         | F         | X          | U        |
| McCreary                      | Communities     | <i>Appalachian pine-oak forest</i>          |             | N/       | GNR / S5   | 0                | 0         | 0         | 1          | 0        |
| McCreary                      | Communities     | <i>Appalachian seep/bog</i>                 |             | T/       | GNR / S1S2 | 9                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Cumberland Plateau gravel/cobble bar</i> |             | E/       | GNR / S1S2 | 2                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Cumberland Plateau sandstone glade</i>   |             | E/       | GNR / S1   | 1                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Hemlock-mixed forest</i>                 |             | N/       | GNR / S4S5 | 8                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Sandstone prairie</i>                    |             | E/       | GNR / S1   | 1                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Siltstone/shale glade</i>                |             | N/       | GNR / S2S3 | 1                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Sinkhole/depression marsh</i>            |             | E/       | GNR / S1S2 | 1                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Small stream scour forest</i>            |             | N/       | GNR / S4   | 1                | 0         | 0         | 0          | 0        |
| McCreary                      | Communities     | <i>Xeric Virginia pine forest/woodland</i>  |             | N/       | GNR / S5   | 1                | 0         | 0         | 0          | 0        |
| <b>McCreary County Total:</b> |                 |   |             |          |            | <b>674</b>       | <b>78</b> | <b>55</b> | <b>104</b> | <b>0</b> |