

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

**Kentucky State Nature Preserves  
Commission  
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Frankfort, KY 40601  
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**[www.naturepreserves.ky.gov](http://www.naturepreserves.ky.gov)**

# 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
Jackson	Vascular Plants	<i>Ageratina luciae-brauniae</i>	Lucy Braun's White Snakeroot	S / SOMC	G3 / S3	1	0	0	0	0
Jackson	Vascular Plants	<i>Castanea pumila</i>	Allegheny Chinkapin	T /	G5 / S2	1	0	0	0	0
Jackson	Vascular Plants	<i>Castilleja coccinea</i>	Scarlet Indian Paintbrush	E /	G5 / S1	1	0	0	0	0
Jackson	Vascular Plants	<i>Cypripedium kentuckiense</i>	Kentucky Lady's-slipper	E / SOMC	G3 / S1S2	2	0	1	0	0
Jackson	Vascular Plants	<i>Dodecatheon frenchii</i>	French's Shooting Star	S /	G3 / S3	0	0	1	0	0
Jackson	Vascular Plants	<i>Dryopteris carthusiana</i>	Spinulose Wood Fern	S /	G5 / S3	1	0	0	0	0
Jackson	Vascular Plants	<i>Lilium philadelphicum</i>	Wood Lily	T /	G5 / S2S3	3	0	0	0	0
Jackson	Vascular Plants	<i>Liparis loeselii</i>	Loesel's Twayblade	T /	G5 / S2S3	2	0	0	0	0
Jackson	Vascular Plants	<i>Paxistima canbyi</i>	Canby's Mountain-lover	T / SOMC	G2 / S2	1	0	0	0	0
Jackson	Vascular Plants	<i>Saxifraga micranthidifolia</i>	Lettuce-leaf Saxifrage	E /	G5 / S1	0	1	0	0	0
Jackson	Vascular Plants	<i>Spiranthes lucida</i>	Shining Ladies'-tresses	T /	G5 / S2S3	2	0	0	0	0
Jackson	Vascular Plants	<i>Stenanthium gramineum</i>	Eastern Featherbells	T /	G4G5 / S2S3	1	0	0	0	0
Jackson	Vascular Plants	<i>Taxus canadensis</i>	Canadian Yew	T /	G5 / S2S3	7	0	1	0	0
Jackson	Vascular Plants	<i>Trifolium stoloniferum</i>	Running Buffalo Clover	T / LE	G3 / S2S3	1	0	0	0	0
Jackson	Vascular Plants	<i>Vallisneria americana</i>	Eelgrass	S /	G5 / S2S3	1	0	0	0	0
Jackson	Freshwater Mussels	<i>Alasmidonta atropurpurea</i>	Cumberland Elktoe	E / LE	G1G2 / S1	1	0	0	0	0
Jackson	Freshwater Mussels	<i>Alasmidonta marginata</i>	Elktoe	T / SOMC	G4 / S2	8	0	0	0	0
Jackson	Freshwater Mussels	<i>Anodontoides denigratus</i>	Cumberland Papershell	E / SOMC	G1 / S1	0	0	1	0	0
Jackson	Freshwater Mussels	<i>Pegias fabula</i>	Littlewing Pearlymussel	E / LE	G1 / S1	14	0	1	1	0
Jackson	Freshwater Mussels	<i>Pleurobema oviforme</i>	Tennessee Clubshell	E / SOMC	G2G3 / S1	6	2	1	0	0
Jackson	Freshwater Mussels	<i>Ptychobranhus subtentum</i>	Fluted Kidneyshell	E / LE	G2 / S1	6	0	1	0	0
Jackson	Freshwater Mussels	<i>Toxolasma lividus</i>	Purple Lilliput	E / SOMC	G3Q / S1	11	0	1	1	0
Jackson	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	0	1	2	0	0
Jackson	Freshwater Mussels	<i>Villosa trabalis</i>	Cumberland Bean	E / LE	G1 / S1	15	1	4	6	0
Jackson	Insects	<i>Dannella provonshai</i>	An Ephemerellid Mayfly	H /	G3G4 / SH	0	1	0	0	0
Jackson	Insects	<i>Habrophlebiodes celestera</i>	A Leptophlebiid Mayfly	H /	G2G4 / SH	0	2	0	0	0

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Jackson	Insects	<i>Ophiogomphus howei</i>	Pygmy Snaketail	T / SOMC	G3 / S1S2	1	0	0	0	0
Jackson	Insects	<i>Papaipema speciosissima</i>	Osmunda Borer Moth	E /	G4 / S2	1	0	0	0	0
Jackson	Other Invertebrates	<i>Geocentrophora cavernicola</i>	A Cave Obligate Planarian	T /	G1G2 / S1S2	0	1	0	0	0
Jackson	Fishes	<i>Etheostoma cinereum</i>	Ashy Darter	S / SOMC	G2G3 / S3	9	0	0	0	0
Jackson	Fishes	<i>Etheostoma spilotum</i>	Kentucky Arrow Darter	T / PT	G2G3 / S2S3	1	0	0	0	0
Jackson	Fishes	<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey	T /	G4 / S2	1	0	0	0	0
Jackson	Fishes	<i>Lampetra appendix</i>	American Brook Lamprey	T /	G4 / S2	1	0	0	0	0
Jackson	Fishes	<i>Percina squamata</i>	Olive Darter	E / SOMC	G3 / S1	3	0	0	0	0
Jackson	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	29	1	2	0	0
Jackson	Mammals	<i>Corynorhinus townsendii virginianus</i>	Virginia Big-eared Bat	E / LE	G3G4T2 / S1	14	0	0	0	0
Jackson	Mammals	<i>Myotis leibii</i>	Eastern Small-footed Myotis	T / SOMC	G1G3 / S2	9	0	0	0	0
Jackson	Mammals	<i>Myotis septentrionalis</i>	Northern Long-Eared Bat	E / LT	G2G3 / S3	13	0	0	0	0
Jackson	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	15	0	3	0	0
Jackson	Communities	<i>Appalachian mesophytic forest</i>		N /	GNR / S4S5	6	0	0	0	1
Jackson	Communities	<i>Appalachian pine-oak forest</i>		N /	GNR / S5	1	0	0	0	0
Jackson	Communities	<i>Appalachian seep/bog</i>		T /	GNR / S1S2	7	0	0	0	0
Jackson	Communities	<i>Appalachian sub-xeric forest</i>		N /	GNR / S5	1	0	0	0	0
Jackson	Communities	<i>Cumberland Plateau gravel/cobble bar</i>		E /	GNR / S1S2	4	0	0	0	0
Jackson	Communities	<i>Cumberland Plateau sandstone glade</i>		E /	GNR / S1	3	0	0	0	0
Jackson	Communities	<i>Hemlock-mixed forest</i>		N /	GNR / S4S5	4	0	0	0	0
Jackson	Communities	<i>Xeric Virginia pine forest/woodland</i>		N /	GNR / S5	1	0	0	0	0
<b>Jackson County Total:</b>						<b>209</b>	<b>10</b>	<b>19</b>	<b>8</b>	<b>1</b>