

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

**Kentucky State Nature Preserves
Commission
801 Schenkel Lane
Frankfort, KY 40601
(502) 573-2886 (phone)
(502) 573-2355 (fax)**

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:

Kentucky State Nature Preserves Commission
801 Schenkel Lane
Frankfort, KY 40601
(502) 573-2886 (phone)
(502) 573-2355 (fax)
email: naturepreserves@ky.gov
internet: www.naturepreserves.ky.gov

County Report of Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities of Kentucky
 Kentucky State Nature Preserves Commission

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Henderson	Vascular Plants	<i>Bolboschoenus fluviatilis</i>	River Bulrush	E /	G5 / S1S2	2	0	1	1	0
Henderson	Vascular Plants	<i>Chelone obliqua var. speciosa</i>	Rose Turtlehead	S /	G4T3 / S3	2	3	0	0	0
Henderson	Vascular Plants	<i>Echinodorus berteroi</i>	Burhead	T /	G5 / S2	1	0	0	1	0
Henderson	Vascular Plants	<i>Hydrocotyle ranunculoides</i>	Floating Pennywort	E /	G5 / S1S2	1	0	0	0	0
Henderson	Vascular Plants	<i>Nemophila aphylla</i>	Small-flower Baby-blue-eyes	T /	G5 / S2?	1	0	0	0	0
Henderson	Vascular Plants	<i>Phacelia ranunculacea</i>	Blue Scorpion-weed	S /	G4 / S3	2	0	0	0	0
Henderson	Vascular Plants	<i>Polymnia laevigata</i>	Tennessee Leafcup	E /	G3 / S1S2	1	0	0	0	0
Henderson	Vascular Plants	<i>Pontederia cordata</i>	Pickernel-weed	T /	G5 / S1S2	2	1	0	0	0
Henderson	Vascular Plants	<i>Sparganium eurycarpum</i>	Large Bur-reed	E /	G5 / S1?	1	1	0	0	0
Henderson	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	0	0	0	1	0
Henderson	Freshwater Mussels	<i>Epioblasma obliquata obliquata</i>	Catspaw	E / LE	G1T1 / S1	0	0	0	1	0
Henderson	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / LE	G3 / S1	0	0	0	1	0
Henderson	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3S4	1	0	0	0	0
Henderson	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	0	0	0	1	0
Henderson	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	0	1	0	1	0
Henderson	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	0	0	0	2	0
Henderson	Freshwater Mussels	<i>Plethobasus cyphus</i>	Sheepnose	E / LE	G3 / S1	0	1	0	1	0
Henderson	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	0	1	0	2	0
Henderson	Freshwater Mussels	<i>Potamilus capax</i>	Fat Pocketbook	E / LE	G2 / S1	1	1	0	0	0
Henderson	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / LT	G3G4T3 / S2	0	1	0	1	0
Henderson	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	0	0	0	1	0
Henderson	Insects	<i>Nicrophorus americanus</i>	American Burying Beetle	X / LE	G2G3 / SX	0	0	0	1	0
Henderson	Insects	<i>Traverella lewisi</i>	A Leptophlebiid Mayfly	H /	G1G3 / SH	0	1	0	0	0
Henderson	Fishes	<i>Erimyzon sucetta</i>	Lake Chubsucker	T /	G5 / S2	0	0	1	0	0
Henderson	Fishes	<i>Ictiobus niger</i>	Black Buffalo	S /	G5 / S3	0	1	0	0	0
Henderson	Amphibians	<i>Hyla avivoca</i>	Bird-voiced Treefrog	S /	G5 / S3	3	1	0	0	0
Henderson	Amphibians	<i>Rana areolata circulosa</i>	Northern Crawfish Frog	S /	G4T4 / S3	1	1	0	0	0
Henderson	Reptiles	<i>Apalone mutica mutica</i>	Midland Smooth Softshell	S /	G5T5 / S3	1	0	0	0	0
Henderson	Reptiles	<i>Farancia abacura reinwardtii</i>	Western Mud Snake	S /	G5T5 / S3	1	0	0	0	0

County Report of Endangered, Threatened, and Special Concern Plants, Animals, and Natural Communities of Kentucky
 Kentucky State Nature Preserves Commission

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Henderson	Reptiles	<i>Thamnophis sauritus sauritus</i>	Eastern Ribbon Snake	S /	G5T5 / S3	3	1	0	0	0
Henderson	Breeding Birds	<i>Actitis macularius</i>	Spotted Sandpiper	E /	G5 / S1B	1	0	0	0	0
Henderson	Breeding Birds	<i>Ardea alba</i>	Great Egret	T /	G5 / S2B	0	0	0	2	0
Henderson	Breeding Birds	<i>Certhia americana</i>	Brown Creeper	E /	G5 / S1S2B,S4S5 N	1	0	0	0	0
Henderson	Breeding Birds	<i>Cistothorus platensis</i>	Sedge Wren	S /	G5 / S3B	1	0	0	0	0
Henderson	Breeding Birds	<i>Corvus ossifragus</i>	Fish Crow	S /	G5 / S3B	2	0	0	0	0
Henderson	Breeding Birds	<i>Gallinula galeata</i>	Common Gallinule	T /	G5 / S1S2B	1	0	0	0	0
Henderson	Breeding Birds	<i>Haliaeetus leucocephalus</i>	Bald Eagle	T / Delisted	G5 / S2B,S2S3N	6	0	0	0	0
Henderson	Breeding Birds	<i>Ixobrychus exilis</i>	Least Bittern	T /	G5 / S1S2B	2	0	0	0	0
Henderson	Breeding Birds	<i>Lophodytes cucullatus</i>	Hooded Merganser	T /	G5 / S1S2B,S3S4 N	4	0	0	0	0
Henderson	Breeding Birds	<i>Phalacrocorax auritus</i>	Double-crested Cormorant	T /	G5 / S2B	0	0	0	1	0
Henderson	Breeding Birds	<i>Rallus elegans</i>	King Rail	E /	G4 / S1B	1	0	0	0	0
Henderson	Breeding Birds	<i>Riparia riparia</i>	Bank Swallow	S /	G5 / S3B	2	1	0	0	0
Henderson	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	2	0	0	0	0
Henderson	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	3	1	0	0	0
Henderson	Mammals	<i>Sorex cinereus</i>	Cinereus Shrew	S /	G5 / S3	0	4	0	0	0
Henderson	Communities	<i>Bottomland hardwood forest</i>		S /	GNR / S3	2	0	0	0	0
Henderson	Communities	<i>Bottomland marsh</i>		T /	GNR / S1S2	4	0	0	0	0
Henderson	Communities	<i>Coastal Plain slough</i>		T /	GNR / S2	5	0	0	0	0
Henderson	Communities	<i>Deep soil mesophytic forest</i>		N /	GNR / S3S4	1	0	0	0	0
Henderson County Total:						62	21	2	18	0