

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Nelson 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
Nelson	Vascular Plants	<i>Adiantum capillus-veneris</i>	Southern Maidenhair-fern	T /	G5 / S2S3	0	1	0	0	0
Nelson	Vascular Plants	<i>Carex crawei</i>	Crawe's Sedge	S /	G5 / S2S3	3	0	0	0	0
Nelson	Vascular Plants	<i>Dalea purpurea</i>	Purple Prairie-clover	S /	G5 / S3?	10	0	0	0	0
Nelson	Vascular Plants	<i>Juniperus communis var. depressa</i>	Ground Juniper	T /	G5T5 / S2	0	1	0	0	0
Nelson	Vascular Plants	<i>Lonicera dioica var. orientalis</i>	Wild Honeysuckle	E /	G5TNRQ / S1	0	1	0	0	0
Nelson	Vascular Plants	<i>Physaria globosa</i>	Globe Bladderpod	E / LE	G2 / S1	0	1	0	0	0
Nelson	Vascular Plants	<i>Prenanthes crepidinea</i>	Nodding Rattlesnake-root	S /	G4 / S3	1	0	0	0	0
Nelson	Vascular Plants	<i>Silphium pinnatifidum</i>	Tansy Rosinweed	S /	G3Q / S3	3	0	0	0	0
Nelson	Vascular Plants	<i>Spiranthes magnicamporum</i>	Great Plains Ladies'-tresses	T /	G4 / S2	1	0	0	0	0
Nelson	Vascular Plants	<i>Trifolium stoloniferum</i>	Running Buffalo Clover	T / LE	G3 / S2S3	0	0	1	0	0
Nelson	Vascular Plants	<i>Veratrum woodii</i>	Wood's Bunchflower	T /	G5 / S2	1	0	0	0	0
Nelson	Vascular Plants	<i>Viola septemloba var. egglestonii</i>	Eggleston's Violet	S /	G4 / S3	5	3	0	0	0
Nelson	Aquatic Snails	<i>Lioplax sulculosa</i>	Furrowed Lioplax	S /	G5 / S3S4	0	2	0	0	0
Nelson	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	3	2	0	1	0
Nelson	Freshwater Mussels	<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	E / LE	G2T2 / S1	0	0	0	2	0
Nelson	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / LE	G3 / S1	2	1	0	1	0
Nelson	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3S4	0	0	0	1	0
Nelson	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	4	1	0	0	0
Nelson	Freshwater Mussels	<i>Pleurobema clava</i>	Clubshell	E / LE	G1G2 / S1	0	0	0	3	0
Nelson	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	0	0	0	2	0
Nelson	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / LT	G3G4T3 / S2	0	1	0	0	0
Nelson	Freshwater Mussels	<i>Simpsonaias ambigua</i>	Salamander Mussel	T / SOMC	G3 / S2S3	1	0	0	0	0
Nelson	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	5	2	0	0	0
Nelson	Insects	<i>Calephelis borealis</i>	Northern Metalmark	T /	G3G4 / S2	1	0	0	0	0
Nelson	Insects	<i>Calephelis muticum</i>	Swamp Metalmark	E /	G3 / S1	0	0	0	0	1
Nelson	Insects	<i>Maccaffertium bednariki</i>	A Heptageniid Mayfly	S /	G2G4 / S2	2	0	0	0	0
Nelson	Insects	<i>Speyeria idalia</i>	Regal Fritillary	H / SOMC	G3 / SH	0	0	0	1	0
Nelson	Fishes	<i>Noturus stigmosus</i>	Northern Madtom	S / SOMC	G3 / S2S3	6	1	0	0	0

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Nelson	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	E / SOMC	G3G4T3T4 / S1	2	0	0	0	0
Nelson	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	1	0
Nelson	Breeding Birds	<i>Chondestes grammacus</i>	Lark Sparrow	T /	G5 / S2S3B	0	1	0	0	0
Nelson	Breeding Birds	<i>Cistothorus platensis</i>	Sedge Wren	S /	G5 / S3B	0	1	0	0	0
Nelson	Breeding Birds	<i>Haliaeetus leucocephalus</i>	Bald Eagle	T / Delisted	G5 / S2B,S2S3N	2	0	0	0	0
Nelson	Breeding Birds	<i>Ixobrychus exilis</i>	Least Bittern	T /	G5 / S1S2B	0	1	0	0	0
Nelson	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	1	0	0	0	0
Nelson	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	3	0	0	0	0
Nelson	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	2	0	0	0	0
Nelson	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	1	0	0	0	0
Nelson	Communities	<i>Bottomland hardwood forest</i>		S /	GNR / S3	1	0	0	0	0
Nelson	Communities	<i>Calcareous sub-xeric forest</i>		N /	GNR / S5	1	0	0	0	0
Nelson	Communities	<i>Limestone slope glade</i>		S /	GNR / S2S3	3	0	0	0	0
Nelson	Communities	<i>Limestone/dolomite prairie</i>		E /	GNR / S1	2	0	0	0	0
Nelson County Total:						66	20	1	12	1