Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Rowan 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
G2 = Imperiled
G3 = Vulnerable
G4 = Apparently secure
G5 = Secure
GH = Historic, possibly extinct
GX = Presumed extinct

GU = Unrankable
G#? = Inexact rank (e.g. G2?)
G#Q = Questionable taxonomy
G#T# = Infraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)
GNR = Unranked
GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled
S2 = Imperiled
S3 = Vulnerable
S4 = Apparently secure
S5 = Secure
SH = Historic, possibly extirpated
SX = Presumed extirpated

SU = Unrankable
S#? = Inexact rank (e.g. G2?)
S#Q = Questionable taxonomy
S#T# = Infraspecific taxa
SNR = Unranked
SNA = Not applicable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):
S#B = Rank of breeding population
S#N = Rank of non-breeding population
S#M = Rank of transient population

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
Rowan	Mosses	*Abietinella abietina*	Wire Fern Moss	T /	G4G5 / S2?	1	0	0	0	0
Rowan	Mosses	*Bryum cyclophyllum*		E /	G4G5 / S1?	1	0	0	0	0
Rowan	Mosses	*Neckera pennata*		T /	G5 / S2?	1	0	0	0	0
Rowan	Mosses	*Polytrichum pallidisetum*	A Hair Cap Moss	T /	G4 / S2?	1	0	0	0	0
Rowan	Vascular Plants	*Angelica triquinata*	Filmy Angelica	E /	G4 / S1S2	0	0	1	0	0
Rowan	Vascular Plants	*Aralia nudicaulis*	Wild Sarsaparilla	T /	G5 / S2S3	0	1	0	0	0
Rowan	Vascular Plants	*Bartonia virginica*	Yellow Screwstem	T /	G5 / S2	4	0	0	0	0
Rowan	Vascular Plants	*Bouteloua curtipendula*	Side-oats Grama	S /	G5 / S3?	1	0	0	0	0
Rowan	Vascular Plants	*Calamagrostis porteri ssp. insperata*	Bent Reedgrass	E / SOMC	G4T3 / S1S2	1	0	0	0	0
Rowan	Vascular Plants	*Calamagrostis porteri ssp. porteri*	Porter's Reedgrass	T /	G4T4 / S2S3	5	0	0	0	0
Rowan	Vascular Plants	*Calopogon tuberosus*	Grass Pink	E /	G5 / S1	0	2	0	0	0
Rowan	Vascular Plants	*Carex seorsa*	Weak Stellate Sedge	T /	G4 / S2	1	0	0	0	0
Rowan	Vascular Plants	*Carex straminea*	Straw Sedge	T /	G5 / S2?	1	0	0	0	0
Rowan	Vascular Plants	*Cheilanthes alabamensis*	Alabama Lipfern	H /	G4G5 / SH	0	1	0	0	0
Rowan	Vascular Plants	*Chrysosplenium americanum*	American Golden-saxifrage	T /	G5 / S2?	1	0	0	0	0
Rowan	Vascular Plants	*Circaea alpina*	Small Enchanter's Nightshade	S /	G5 / S3	1	0	0	0	0
Rowan	Vascular Plants	*Cypripedium kentuckiense*	Kentucky Lady's-slipper	E / SOMC	G3 / S1S2	3	0	0	0	0
Rowan	Vascular Plants	*Cypripedium parviflorum*	Small Yellow Lady's-slipper	T /	G5 / S2	0	1	0	0	0
Rowan	Vascular Plants	*Dichanthelium boreale*	Northern Witchgrass	S /	G5 / S2S3	1	1	0	0	0
Rowan	Vascular Plants	*Drosera intermedia*	Spoon-leaved Sundew	E /	G5 / S1	0	2	0	0	0
Rowan	Vascular Plants	*Dryopteris carthusiana*	Spinulose Wood Fern	S /	G5 / S3	0	1	0	0	0
Rowan	Vascular Plants	*Erythronium rostratum*	Yellow Troutlily	S /	G5 / S2S3	1	0	0	0	0
Rowan	Vascular Plants	*Gentiana flavida*	Yellow Gentian	E /	G4 / S1S2	0	1	1	0	0
Rowan	Vascular Plants	*Gratiola viscidula*	Short's Hedgehyssop	S /	G4G5 / S3	2	0	0	0	0
Rowan	Vascular Plants	*Juncus articulatus*	Jointed Rush	S /	G5 / S2S3	0	1	0	0	0
Rowan	Vascular Plants	*Lilium philadelphicum*	Wood Lily	T /	G5 / S2S3	1	2	0	0	0
Rowan	Vascular Plants	*Maianthemum stellatum*	Starflower False Solomon's-seal	E /	G5 / S1	0	1	0	1	0
Rowan	Vascular Plants	*Melampyrum lineare var. latifolium*	American Cowwheat	T /	G5T5 / S2	0	1	0	0	0
Rowan	Vascular Plants	*Monarda punctata*	Spotted Bee-balm	X /	G5 / SX	0	1	0	0	0

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences E	H	F	X	U
Rowan	Vascular Plants	*Podostemum ceratophyllum*	Threadfoot	S /	G5 / S3	6	0	0	0	0
Rowan	Vascular Plants	*Pogonia ophioglossoides*	Rose Pogonia	E /	G5 / S1	0	1	0	0	0
Rowan	Vascular Plants	*Prenanthes alba*	White Rattlesnake-root	E /	G5 / S1	0	0	1	0	0
Rowan	Vascular Plants	*Ranunculus ambigens*	Waterplantain Spearwort	S /	G4 / S3	0	1	0	0	0
Rowan	Vascular Plants	*Sabatia campanulata*	Slender Marsh Pink	E /	G5 / S1	0	1	0	0	0
Rowan	Vascular Plants	*Sagittaria graminea*	Grassleaf Arrowhead	T /	G5 / S1S2	0	1	0	0	0
Rowan	Vascular Plants	*Scirpus expansus*	Woodland Beakrush	E /	G4 / S1S2	2	0	0	1	0
Rowan	Vascular Plants	*Scutellaria saxatilis*	Rock Skullcap	T /	G3 / S2S3	2	0	0	1	0
Rowan	Vascular Plants	*Solidago roanensis*	Roan Mountain Goldenrod	T /	G4G5 / S1S2	0	0	1	0	0
Rowan	Vascular Plants	*Stenanthium gramineum*	Eastern Featherbells	T /	G4G5 / S2S3	2	1	0	0	0
Rowan	Vascular Plants	*Streptopus lanceolatus*	Rosy Twisted-stalk	E /	G5 / S1	0	2	0	0	0
Rowan	Vascular Plants	*Taxus canadensis*	Canadian Yew	T /	G5 / S2S3	1	0	0	0	0
Rowan	Vascular Plants	*Thaspium pinnatifidum*	Cutleaf Meadow-parsnip	T / SOMC	G2G3 / S2S3	9	0	1	0	0
Rowan	Vascular Plants	*Vallisneria americana*	Eelgrass	S /	G5 / S2S3	1	0	0	0	0
Rowan	Freshwater Mussels	*Alasmidonta marginata*	Elktoe	T / SOMC	G4 / S2	1	1	0	0	0
Rowan	Freshwater Mussels	*Epioblasma torulosa rangiana*	Northern Riffleshell	E / LE	G2T2 / S1	0	0	0	1	0
Rowan	Freshwater Mussels	*Epioblasma triquetra*	Snuffbox	E / LE	G3 / S1	3	0	1	0	0
Rowan	Freshwater Mussels	*Fusconaia subrotunda*	Longsolid	S /	G3 / S3S4	1	0	0	0	0
Rowan	Freshwater Mussels	*Lampsilis abrupta*	Pink Mucket	E / LE	G2 / S1	1	0	0	0	0
Rowan	Freshwater Mussels	*Plethobasus cyphyus*	Sheepnose	E / LE	G3 / S1	3	0	0	0	0
Rowan	Freshwater Mussels	*Villosa lienosa*	Little Spectaclecase	S /	G5 / S3S4	2	1	0	0	0
Rowan	Insects	*Acroneuria hitchcocki*	Kentucky Stone	T /	G1G2 / S1S3	1	0	0	0	0
Rowan	Insects	*Bombus affinis*	Rusty-patched Bumble Bee	H /	G1 / SH	0	1	0	0	0
Rowan	Insects	*Hansonoperla hokolesqua*	Splendid Stone	S /	G2 / S2	5	0	0	0	0
Rowan	Insects	*Papaipema silphii*	Silphium Borer Moth	E /	G3G4 / S1	1	0	0	0	0
Rowan	Insects	*Satyrium favonius ontario*	Northern Oak Hairstreak	S /	G4T4 / S2	1	0	0	0	0
Rowan	Fishes	*Noturus stigmosus*	Northern Madtom	S / SOMC	G3 / S2S3	2	2	0	0	0
Rowan	Fishes	*Percopsis omiscomaycus*	Trout-perch	S / SOMC	G5 / S3	0	2	0	0	0

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences E	H	F	X	U
Rowan	Amphibians	*Cryptobranchus alleganiensis alleganiensis*	Eastern Hellbender	E / SOMC	G3G4T3T4 / S1	4	2	0	0	0
Rowan	Reptiles	*Lampropeltis triangulum elapsoides*	Scarlet Kingsnake	S /	G5 / S3	0	2	0	0	0
Rowan	Breeding Birds	*Accipiter striatus*	Sharp-shinned Hawk	S /	G5 / S3B,S4N	2	0	0	0	0
Rowan	Breeding Birds	*Ammodramus henslowii*	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	0	0
Rowan	Breeding Birds	*Cistothorus platensis*	Sedge Wren	S /	G5 / S3B	0	1	0	0	0
Rowan	Breeding Birds	*Gallinula galeata*	Common Gallinule	T /	G5 / S1S2B	1	0	0	0	0
Rowan	Breeding Birds	*Ixobrychus exilis*	Least Bittern	T /	G5 / S1S2B	1	0	0	0	0
Rowan	Breeding Birds	*Lophodytes cucullatus*	Hooded Merganser	T /	G5 / S1S2B,S3S4N	1	0	0	0	0
Rowan	Breeding Birds	*Tyto alba*	Barn Owl	S /	G5 / S3	0	1	0	0	0
Rowan	Mammals	*Corynorhinus rafinesquii*	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	8	0	0	0	0
Rowan	Mammals	*Corynorhinus townsendii virginianus*	Virginia Big-eared Bat	E / LE	G3G4T2 / S1	1	1	0	0	0
Rowan	Mammals	*Mustela nivalis*	Least Weasel	S /	G5 / S2S3	2	0	0	0	0
Rowan	Mammals	*Myotis leibii*	Eastern Small-footed Myotis	T / SOMC	G1G3 / S2	1	0	0	0	0
Rowan	Mammals	*Myotis septentrionalis*	Northern Long-Eared Bat	E / LT	G2G3 / S3	4	0	0	0	0
Rowan	Mammals	*Myotis sodalis*	Indiana Bat	E / LE	G2 / S1S2	4	0	0	0	0
Rowan	Mammals	*Spilogale putorius*	Eastern Spotted Skunk	S /	G4 / S2S3	1	1	0	0	0
Rowan	Mammals	*Ursus americanus*	American Black Bear	S /	G5 / S2	1	0	0	0	0
Rowan	Communities	*Acidic sub-xeric forest*		N /	GNR / S5	1	0	0	0	0
Rowan	Communities	*Appalachian mesophytic forest*		N /	GNR / S4S5	1	0	0	0	0
Rowan	Communities	*Bottomland hardwood forest*		S /	GNR / S3	2	0	0	0	0
Rowan	Communities	*Shale barrens (open woodland)*		N /	GNR / S2S3	1	0	0	0	0
Rowan County Total:						**108**	**38**	**6**	**4**	**0**