Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Lewis 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
Lewis	Vascular Plants	*Aconitum uncinatum*	Blue Monkshood	E /	G4 / S1S2	4	1	0	0	0
Lewis	Vascular Plants	*Agalinis auriculata*	Earleaf False Foxglove	E /	G3 / S1	1	0	0	0	0
Lewis	Vascular Plants	*Aralia nudicaulis*	Wild Sarsaparilla	T /	G5 / S2S3	0	1	0	0	0
Lewis	Vascular Plants	*Bouteloua curtipendula*	Side-oats Grama	S /	G5 / S3?	2	0	0	0	0
Lewis	Vascular Plants	*Carex buxbaumii*	Brown Bog Sedge	E /	G5 / S1	1	0	0	0	0
Lewis	Vascular Plants	*Carex crawei*	Crawe's Sedge	S /	G5 / S2S3	2	0	0	0	0
Lewis	Vascular Plants	*Carex juniperorum*	Juniper Sedge	E /	G3 / S1S2	3	0	0	0	0
Lewis	Vascular Plants	*Carex tetanica*	Rigid Sedge	E /	G4G5 / S1?	1	0	0	0	0
Lewis	Vascular Plants	*Carex tonsa var. rugosperma*	Umbel-like Sedge	T /	G5T5 / S2?	2	0	0	0	0
Lewis	Vascular Plants	*Castilleja coccinea*	Scarlet Indian Paintbrush	E /	G5 / S1	3	0	0	0	0
Lewis	Vascular Plants	*Cypripedium candidum*	Small White Lady's-slipper	E /	G4 / S1	1	0	0	0	0
Lewis	Vascular Plants	*Cypripedium kentuckiense*	Kentucky Lady's-slipper	E / SOMC	G3 / S1S2	1	0	4	0	0
Lewis	Vascular Plants	*Dryopteris carthusiana*	Spinulose Wood Fern	S /	G5 / S3	1	0	0	0	0
Lewis	Vascular Plants	*Gentiana flavida*	Yellow Gentian	E /	G4 / S1S2	1	0	0	0	0
Lewis	Vascular Plants	*Liatris cylindracea*	Slender Blazingstar	T /	G5 / S2S3	1	1	0	0	0
Lewis	Vascular Plants	*Maianthemum stellatum*	Starflower False Solomon's-seal	E /	G5 / S1	4	0	0	0	0
Lewis	Vascular Plants	*Poa saltuensis*	Drooping Bluegrass	E /	G5 / S1S2	1	0	0	0	0
Lewis	Vascular Plants	*Podostemum ceratophyllum*	Threadfoot	S /	G5 / S3	2	0	0	0	0
Lewis	Vascular Plants	*Prenanthes alba*	White Rattlesnake-root	E /	G5 / S1	2	1	0	0	0
Lewis	Vascular Plants	*Prenanthes racemosa*	Glaucous Rattlesnake-root	S /	G5 / S1S2	1	0	0	0	0
Lewis	Vascular Plants	*Ranunculus ambigens*	Waterplantain Spearwort	S /	G4 / S3	0	1	0	0	0
Lewis	Vascular Plants	*Scutellaria saxatilis*	Rock Skullcap	T /	G3 / S2S3	1	0	0	0	0
Lewis	Vascular Plants	*Sida hermaphrodita*	Virginia Mallow	T /	G3 / S2S3	1	0	0	0	0
Lewis	Vascular Plants	*Spiraea virginiana*	Virginia Spiraea	T / LT	G2 / S2	3	0	2	0	0
Lewis	Freshwater Mussels	*Cyprogenia stegaria*	Fanshell	E / LE	G1Q / S1	0	0	0	1	0
Lewis	Freshwater Mussels	*Epioblasma obliquata obliquata*	Catspaw	E / LE	G1T1 / S1	0	0	0	1	0
Lewis	Freshwater Mussels	*Epioblasma triquetra*	Snuffbox	E / LE	G3 / S1	5	0	2	0	0
Lewis	Freshwater Mussels	*Fusconaia subrotunda*	Longsolid	S /	G3 / S3S4	0	2	0	1	0
Lewis	Freshwater Mussels	*Lampsilis abrupta*	Pink Mucket	E / LE	G2 / S1	0	0	0	1	0

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Lewis	Freshwater Mussels	*Obovaria retusa*	Ring Pink	E / LE	G1 / S1	0	0	0	3	0
Lewis	Freshwater Mussels	*Plethobasus cooperianus*	Orangefoot Pimpleback	E / LE	G1 / S1	0	0	0	1	0
Lewis	Freshwater Mussels	*Plethobasus cyphyus*	Sheepnose	E / LE	G3 / S1	3	3	0	0	0
Lewis	Freshwater Mussels	*Pleurobema plenum*	Rough Pigtoe	E / LE	G1 / S1	0	0	0	2	0
Lewis	Freshwater Mussels	*Pleurobema rubrum*	Pyramid Pigtoe	E / SOMC	G2G3 / S1	0	0	0	2	0
Lewis	Freshwater Mussels	*Quadrula cylindrica cylindrica*	Rabbitsfoot	T / LT	G3G4T3 / S2	0	0	0	1	0
Lewis	Freshwater Mussels	*Simpsonaias ambigua*	Salamander Mussel	T / SOMC	G3 / S2S3	3	0	0	0	0
Lewis	Freshwater Mussels	*Villosa lienosa*	Little Spectaclecase	S /	G5 / S3S4	8	0	2	0	0
Lewis	Insects	*Calephelis borealis*	Northern Metalmark	T /	G3G4 / S2	1	0	0	0	0
Lewis	Insects	*Hystrichophora loricana*	An Olethreutine Moth	T /	G2G4 / S1S2	1	0	0	0	0
Lewis	Insects	*Nannothemis bella*	Elfin Skimmer	E /	G4 / S1S2	0	1	0	0	0
Lewis	Insects	*Papaipema beeriana*	Blazing Star Stem Borer	E /	G2G3 / S1S2	1	0	0	0	0
Lewis	Insects	*Satyrium favonius ontario*	Northern Oak Hairstreak	S /	G4T4 / S2	1	0	0	0	0
Lewis	Fishes	*Acipenser fulvescens*	Lake Sturgeon	E / SOMC	G3G4 / S1	1	0	0	0	0
Lewis	Fishes	*Percina macrocephala*	Longhead Darter	E / SOMC	G3 / S1	7	0	0	0	0
Lewis	Fishes	*Percopsis omiscomaycus*	Trout-perch	S / SOMC	G5 / S3	4	2	0	0	0
Lewis	Amphibians	*Cryptobranchus alleganiensis alleganiensis*	Eastern Hellbender	E / SOMC	G3G4T3T4 / S1	1	1	0	0	0
Lewis	Amphibians	*Rana pipiens*	Northern Leopard Frog	S /	G5 / S3	2	1	0	0	0
Lewis	Breeding Birds	*Accipiter striatus*	Sharp-shinned Hawk	S /	G5 / S3B,S4N	4	0	0	0	0
Lewis	Breeding Birds	*Ammodramus henslowii*	Henslow's Sparrow	S / SOMC	G4 / S3B	3	0	0	0	0
Lewis	Breeding Birds	*Chondestes grammacus*	Lark Sparrow	T /	G5 / S2S3B	1	0	0	0	0
Lewis	Breeding Birds	*Haliaeetus leucocephalus*	Bald Eagle	T / Delisted	G5 / S2B,S2S3N	1	0	0	0	0
Lewis	Breeding Birds	*Passerculus sandwichensis*	Savannah Sparrow	S /	G5 / S2S3B,S2S3N	1	0	0	0	0
Lewis	Breeding Birds	*Riparia riparia*	Bank Swallow	S /	G5 / S3B	3	0	0	0	0
Lewis	Breeding Birds	*Tyto alba*	Barn Owl	S /	G5 / S3	1	0	0	0	0

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Lewis	Mammals	*Myotis sodalis*	Indiana Bat	E / LE	G2 / S1S2	0	1	0	0	0
Lewis	Communities	*Limestone slope glade*		S /	GNR / S2S3	3	0	0	0	0
Lewis	Communities	*Riparian forest*		N /	GNR / S5	1	0	0	0	0
Lewis	Communities	*Shale barrens (open woodland)*		N /	GNR / S2S3	2	0	0	0	0
Lewis County Total:						**97**	**16**	**10**	**13**	**0**