Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Adair 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
Adair	Vascular Plants	*Acer spicatum*	Mountain Maple	E /	G5 / S1S2	0	1	0	0	0
Adair	Vascular Plants	*Argyrochosma dealbata*	Powdery Cloakfern	X /	G4G5 / SX	0	0	0	1	0
Adair	Vascular Plants	*Aureolaria patula*	Spreading False Foxglove	S /	G3 / S3	2	0	0	0	0
Adair	Vascular Plants	*Elymus svensonii*	Svenson's Wildrye	T / SOMC	G3 / S2S3	1	0	0	0	0
Adair	Vascular Plants	*Helianthus eggertii*	Eggert's Sunflower	T /	G3 / S2	1	0	0	0	0
Adair	Vascular Plants	*Heteranthera dubia*	Grassleaf Mud-plantain	S /	G5 / S3	0	0	1	0	0
Adair	Vascular Plants	*Lespedeza capitata*	Round-head Bush-clover	S /	G5 / S3	1	0	0	0	0
Adair	Vascular Plants	*Matelea carolinensis*	Carolina Anglepod	E /	G4 / S1?	1	0	1	0	0
Adair	Vascular Plants	*Parnassia grandifolia*	Large-leaved Grass-of-parnassus	E /	G3 / S1	0	0	0	1	0
Adair	Vascular Plants	*Ulmus serotina*	September Elm	S /	G4 / S3	1	0	0	0	0
Adair	Freshwater Mussels	*Quadrula cylindrica cylindrica*	Rabbitsfoot	T / LT	G3G4T3 / S2	1	0	0	0	0
Adair	Freshwater Mussels	*Toxolasma lividus*	Purple Lilliput	E / SOMC	G3Q / S1	1	0	0	0	0
Adair	Freshwater Mussels	*Villosa lienosa*	Little Spectaclecase	S /	G5 / S3S4	3	1	1	0	0
Adair	Freshwater Mussels	*Villosa ortmanni*	Kentucky Creekshell	T / SOMC	G2 / S2	4	1	0	0	0
Adair	Crustaceans	*Barbicambarus cornutus*	Bottlebrush Crayfish	S /	G4 / S2	4	0	0	0	0
Adair	Insects	*Allocapnia cunninghami*	Karst Snowfly	T /	G1G2 / S1S2	0	1	0	0	0
Adair	Other Invertebrates	*Pseudotremia merops*	A Cave Obligate Milliped	T /	G1 / S1S2	0	1	0	0	0
Adair	Fishes	*Etheostoma maculatum*	Spotted Darter	T / SOMC	G2G3 / S2	2	1	0	0	0
Adair	Fishes	*Ichthyomyzon greeleyi*	Mountain Brook Lamprey	T /	G4 / S2	1	1	0	0	0
Adair	Fishes	*Percina macrocephala*	Longhead Darter	E / SOMC	G3 / S1	5	3	0	0	0
Adair	Fishes	*Phenacobius uranops*	Stargazing Minnow	S /	G4 / S2S3	2	3	0	0	0
Adair	Amphibians	*Cryptobranchus alleganiensis alleganiensis*	Eastern Hellbender	E / SOMC	G3G4T3T4 / S1	5	0	0	0	0
Adair	Breeding Birds	*Accipiter striatus*	Sharp-shinned Hawk	S /	G5 / S3B,S4N	1	0	0	0	0
Adair	Breeding Birds	*Ammodramus henslowii*	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	0	0
Adair	Mammals	*Corynorhinus rafinesquii*	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	1	0	0	0	0
Adair	Mammals	*Myotis grisescens*	Gray Myotis	T / LE	G3 / S2	6	2	0	1	0

County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Adair	Mammals	*Myotis septentrionalis*	Northern Long-Eared Bat	E / LT	G2G3 / S3	1	0	0	0	0
Adair	Mammals	*Myotis sodalis*	Indiana Bat	E / LE	G2 / S1S2	0	1	0	0	0
Adair	Mammals	*Nycticeius humeralis*	Evening Bat	S /	G5 / S3	1	0	0	0	0
Adair	Communities	*Calcareous mesophytic forest*		N /	GNR / S5	1	0	0	0	0
Adair County Total:						**47**	**16**	**3**	**3**	**0**