OWEN COUNTY REPORT
OF
ENDANGERED, THREATENED, AND SPECIAL CONCERN
PLANTS, ANIMALS, AND NATURAL COMMUNITIES
OF
KENTUCKY

KENTUCKY STATE NATURE
PRESERVES COMMISSION
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www.naturepreserves.ky.gov

Data Current as of February 2006

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
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 be 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				
	Habitat					E	H	F	X	U
Owen	Vascular Plants	*Aesculus pavia*	Red Buckeye	T /	G5 / S2S3	0	1	0	0	0
	Swamp forests, usually stagnant (Weakley 1998); rich damp woods (Gleason & Cronquist 1991); woods and thickets.									
Owen	Vascular Plants	*Arabis perstellata*	Braun's Rockcress	T / LE	G2 / S2	4	0	1	1	0
	Rocky, wooded slopes on blackish clay loams over limestone or acid limestone cobble.									
Owen	Vascular Plants	*Elymus svensonii*	Svenson's Wildrye	S / SOMC	G3 / S3	1	0	0	0	0
	XERIC ROCKY OPEN OR WOODED BLUFFS ALONG KY AND DIX RIVERS AND TRIBUTARIES.									
Owen	Vascular Plants	*Lonicera prolifera*	Grape Honeysuckle	E /	G5 / S1	1	0	0	0	0
	Rocky woods and banks.									
Owen	Vascular Plants	*Salix discolor*	Pussy Willow	H /	G5 / SH	0	0	0	1	0
	DAMP THICKETS OR SHORES, OFTEN IN SWAMPS; IN KY, (NON-CALCAREOUS?) STREAMSIDES (J. CAMPBELL).									
Owen	Vascular Plants	*Veratrum woodii*	Wood's Bunchflower	T /	G5 / S2	1	0	0	0	0
	Rich dry or mesic woods.									
Owen	Freshwater Mussels	*Cyprogenia stegaria*	Fanshell	E / LE	G1 / S1	0	1	0	0	0
	MEDIUM TO LARGE STREAMS AND RIVERS WITH MODERATE TO STRONG CURRENT IN COARSE SAND AND GRAVEL AND DEPTH RANGING FROM SHALLOW TO DEEP (GOODRICH AND VAN DER SCHALIE 1944, NEEL AND ALLEN 1964, PARMALEE 1967, JOHNSON 1980, GORDON AND LAYZER 1989).									
Owen	Freshwater Mussels	*Pleurobema clava*	Clubshell	E / LE	G2 / S1	0	0	0	2	0
	This species is an inhabitant of small streams and rivers (Goodrich and Van Der Schalie 1944; Ortmann 1919,1925), although in Kentucky it is known from moderately large rivers. Often deeply buried in the substrate and consequently difficult to find (Watters 1987).									
Owen	Freshwater Mussels	*Simpsonaias ambigua*	Salamander Mussel	T / SOMC	G3 / S2S3	3	1	2	0	0
	OFTEN FOUND BURIED IN SUBSTRATE SUCH AS SOFT MUD AND/OR GRAVEL, AND/OR UNDER FLAT STONES IN SHALLOW WATER IN SMALL STREAMS WHERE THE CURRENT MAY BE SWIFT (BAKER 1928, BUCHANAN 1980, GOODRICH AND VAN DER SCHALIE 1944).									
Owen	Amphibians	*Cryptobranchus alleganiensis alleganiensis*	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	1	0	0	0
	CONFINED TO RUNNING WATERS OF FAIRLY LARGE STREAMS AND RIVERS.									
Owen	Amphibians	*Plethodon cinereus*	Redback Salamander	S /	G5 / S3	1	0	0	0	0
	A WOODLAND SPECIES THAT OCCURS IN DECIDUOUS AND MIXED FOREST TYPES. ADULTS ARE FOUND UNDER LOGS, ROCKS, BARK, MOSS AND DEBRIS.									
Owen	Amphibians	*Rana pipiens*	Northern Leopard Frog	S /	G5 / S3	2	0	0	0	0
	BREEDS IN NATURAL AND MANMADE PONDS. OTHERWISE USES MOIST GRASSLAND, MEADOWS AND MARGINS.									
Owen	Breeding Birds	*Aimophila aestivalis*	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	1	0
	OPEN PINE WOODS WITH SCATTERED BUSHES OR UNDERSTORY, BRUSHY OR OVERGROWN HILLSIDES, OVERGROWN FIELDS WITH THICKETS AND BRAMBLES, GRASSY ORCHARDS.									
Owen	Breeding Birds	*Ammodramus henslowii*	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	0	0
	OPEN FIELDS & MEADOWS W/ GRASS INTERSPERSED W/ WEEDS OR SHRUBBY VEG., ESPEC. IN DAMP OR LOW-LYING AREAS, ADJACENT TO SALT MARSH IN SOME AREAS. IN MIGRATION & WINTER ALSO IN GRASSY AREAS ADJACENT TO PINE WOODS OR SECOND-GROWTH WOODS.									
Owen	Breeding Birds	*Chondestes grammacus*	Lark Sparrow	T /	G5 / S2S3B	0	3	0	0	0
	Open situations with scattered bushes and trees, prairie, forest edge, cultivated areas, orchards, fields with bushy borders, and savanna (B83COM01NA).									
Owen	Breeding Birds	*Pooecetes gramineus*	Vesper Sparrow	E /	G5 / S1B	0	1	0	0	0
	PLAINS, PRAIRIE, DRY SHRUBLANDS, SAVANNA, WEEDY PASTURES, FIELDS, SAGEBRUSH, ARID SCRUB AND WOODLAND CLEARINGS (B83COM01NA).									
Owen	Breeding Birds	*Thryomanes bewickii*	Bewick's Wren	S / SOMC	G5 / S3B	7	0	0	0	0
	BRUSHY AREAS, THICKETS AND SCRUB IN OPEN COUNTRY, OPEN AND RIPARIAN WOODLAND, AND CHAPARRAL, MORE COMMONLY IN ARID RE- GIONS BUT LOCALLY ALSO IN HUMID AREAS (SUBTROPICAL AND TEM- PERATE ZONES) (B83COM01NA). FOUND IN COUNTRY TOWNS AND FARMS									