# Report of
# Endangered, Threatened, and Special Concern
# Plants, Animals, and Natural Communities
# for McLean 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| McLean | Vascular Plants | *Cayaponia quinqueloba* | Five-lobe Cucumber | E / | G4 / S1? | 0 | 1 | 0 | 0 | 0 |
| McLean | Vascular Plants | *Chelone obliqua var. speciosa* | Rose Turtlehead | S / | G4T3 / S3 | 0 | 1 | 0 | 0 | 0 |
| McLean | Vascular Plants | *Limnobium spongia* | American Frog's-bit | T / | G4 / S2S3 | 0 | 1 | 0 | 0 | 0 |
| McLean | Vascular Plants | *Maianthemum stellatum* | Starflower False Solomon's-seal | E / | G5 / S1 | 0 | 1 | 0 | 0 | 0 |
| McLean | Vascular Plants | *Muhlenbergia glabrifloris* | Hair Grass | S / | G4? / S2S3 | 0 | 1 | 0 | 0 | 0 |
| McLean | Vascular Plants | *Ptilimnium costatum* | Eastern Mock Bishop's-weed | E / | G4 / S1? | 0 | 2 | 0 | 0 | 0 |
| McLean | Vascular Plants | *Ptilimnium nuttallii* | Nuttall's Mock Bishop's-weed | E / | G5? / S1S2 | 1 | 0 | 0 | 0 | 0 |
| McLean | Vascular Plants | *Trepocarpus aethusae* | Trepocarpus | S / | G4G5 / S3 | 2 | 0 | 0 | 0 | 0 |
| McLean | Freshwater Mussels | *Lampsilis ovata* | Pocketbook | E / | G5 / S1 | 0 | 1 | 0 | 0 | 0 |
| McLean | Freshwater Mussels | *Villosa lienosa* | Little Spectaclecase | S / | G5 / S3S4 | 0 | 1 | 0 | 0 | 0 |
| McLean | Fishes | *Erimyzon sucetta* | Lake Chubsucker | T / | G5 / S2 | 0 | 1 | 0 | 0 | 0 |
| McLean | Fishes | *Hybopsis amnis* | Pallid Shiner | E / SOMC | G4 / S1 | 0 | 1 | 0 | 0 | 0 |
| McLean | Amphibians | *Hyla avivoca* | Bird-voiced Treefrog | S / | G5 / S3 | 1 | 0 | 0 | 0 | 0 |
| McLean | Reptiles | *Clonophis kirtlandii* | Kirtland's Snake | T / SOMC | G2 / S2 | 1 | 0 | 0 | 0 | 0 |
| McLean | Reptiles | *Thamnophis sauritus sauritus* | Eastern Ribbon Snake | S / | G5T5 / S3 | 2 | 0 | 0 | 0 | 0 |
| McLean | Breeding Birds | *Botaurus lentiginosus* | American Bittern | H / | G4 / SHB | 0 | 1 | 0 | 0 | 0 |
| McLean | Breeding Birds | *Circus cyaneus* | Northern Harrier | T / | G5 / S1S2B,S4N | 2 | 0 | 0 | 0 | 0 |
| McLean | Breeding Birds | *Corvus ossifragus* | Fish Crow | S / | G5 / S3B | 1 | 0 | 0 | 0 | 0 |
| McLean | Breeding Birds | *Nyctanassa violacea* | Yellow-crowned Night-heron | T / | G5 / S2B | 0 | 1 | 0 | 0 | 0 |
| McLean | Breeding Birds | *Tyto alba* | Barn Owl | S / | G5 / S3 | 1 | 0 | 0 | 0 | 0 |
| McLean | Mammals | *Nycticeius humeralis* | Evening Bat | S / | G5 / S3 | 0 | 1 | 0 | 0 | 0 |
| McLean | Communities | *Bottomland hardwood forest* | | S / | GNR / S3 | 2 | 0 | 0 | 1 | 0 |
| McLean | Communities | *Xerohydric flatwoods* | | E / | GNR / S1S2 | 0 | 0 | 0 | 1 | 0 |
| **McLean County Total:** | | | | | | **13** | **14** | **0** | **2** | **0** |