

**THREATENED AND ENDANGERED SPECIES IN KENTUCKY**  
**(44 Species as of December 20, 2011)**

<b>Animals</b>		<b><u>Status</u></b>
<b><u>Mammals</u></b>		
Gray bat	<i>Myotis grisescens</i>	<b>E</b>
^ Indiana bat	<i>Myotis sodalis</i>	<b>E</b>
Virginia big-eared bat	<i>Corynorhinus townsendii virginianus</i>	<b>E</b>
<b><u>Birds</u></b>		
Piping plover (migrant only)	<i>Charadrius melodus</i>	<b>T</b>
* Whooping crane (migrant only)	<i>Grus americana</i>	<b>XN</b>
Least tern	<i>Sterna antillarum</i>	<b>E</b>
<b><u>Fishes</u></b>		
Relict darter	<i>Etheostoma chienense</i>	<b>E</b>
Duskytail darter	<i>Etheostoma percnurum</i>	<b>E</b>
! Cumberland darter	<i>Etheostoma susanae</i>	<b>E</b>
Palezone shiner	<i>Notropis albizonatus</i>	<b>E</b>
Blackside dace	<i>Phoxinus cumberlandensis</i>	<b>T</b>
Pallid sturgeon	<i>Scaphirhynchus albus</i>	<b>E</b>
Shovelnose sturgeon	<i>Scaphirhynchus platyrhynchus</i>	<b>T(S/A)</b>
<b><u>Crustaceans</u></b>		
^ Kentucky cave shrimp	<i>Palaemonias ganteri</i>	<b>E</b>
<b><u>Mussels</u><sup>1</sup></b>		
^ Cumberland elktoe	<i>Alasmidonta atropurpurea</i>	<b>E</b>
Fanshell	<i>Cyprogenia stegaria</i>	<b>E</b>
+ Dromedary pearl mussel	<i>Dromus dromas</i>	<b>E</b>
^ Cumberlandian combshell	<i>Epioblasma brevidens</i>	<b>E</b>
^ Oyster mussel	<i>Epioblasma capsaeformis</i>	<b>E</b>
Tan riffleshell	<i>Epioblasma florentina walkeri</i>	<b>E</b>
Catspaw	<i>Epioblasma obliquata obliquata</i>	<b>E</b>
Northern riffleshell	<i>Epioblasma torulosa rangiana</i>	<b>E</b>
+ Cracking pearl mussel	<i>Hemistena lata</i>	<b>E</b>
Pink mucket	<i>Lampsilis abrupta</i>	<b>E</b>
+ Scaleshell	<i>Leptodea leptodon</i>	<b>E</b>
Ring pink	<i>Obovaria retusa</i>	<b>E</b>
Littlewing pearl mussel	<i>Pegias fabula</i>	<b>E</b>
+ White wartyback	<i>Plethobasus cicatricosus</i>	<b>E</b>
Orangefoot pimpleback	<i>Plethobasus cooperianus</i>	<b>E</b>
Clubshell	<i>Pleurobema clava</i>	<b>E</b>
Rough pigtoe	<i>Pleurobema plenum</i>	<b>E</b>
Fat pocketbook	<i>Potamilus capax</i>	<b>E</b>
+ Winged mapleleaf	<i>Quadrula fragosa</i>	<b>E</b>
Cumberland bean	<i>Villosa trabilis</i>	<b>E</b>

Insects

+ American burying beetle                      *Nicrophorus americanus*                      **E**

**Plants**

Price's potato-bean                      *Apios priceana*                      **T**  
^ Braun's rockcress                      *Arabis perstellata*                      **E**  
Cumberland sandwort                      *Arenaria cumberlandensis*                      **E**  
Cumberland rosemary                      *Conradina verticillata*                      **T**  
American chaffseed                      *Schwalbea americana*                      **E**  
Virginia spiraea                      *Spiraea virginiana*                      **T**  
White-haired goldenrod                      *Solidago albopilosa*                      **T**  
Short's goldenrod                      *Solidago shortii*                      **E**  
Running buffalo clover                      *Trifolium stoloniferum*                      **E**

<sup>1</sup> The Kentucky State Nature Preserves Commission (<http://www.naturepreserves.ky.gov/>) includes three additional mussel species on their official list for Kentucky (see below). These species have been removed from our list because we consider them to be likely extirpated from the state. The first two species, tubercled blossom and yellow blossom, have not been observed in Kentucky or elsewhere since the 1950s/60s. White Catspaw is currently known only from the St. Joseph River in Indiana and Ohio.

Tubercled blossom                      *Epioblasma torulosa torulosa*                      **E**  
Yellow blossom                      *Epioblasma florentina florentina*                      **E**  
White Catspaw                      *Epioblasma obliquata perobliqua*                      **E**

^ Species for which Critical Habitat has been designated in Kentucky

Indiana bat – Bat Cave, Carter County and Coach Cave, Edmonson County (41 FR 41914-41916, September 1976)

Kentucky cave shrimp – Roaring River Passage, Mammoth Cave National Park (48 FR 46337-46342, October 1983)

Cumberland elktoe – Big South Fork, Marsh Creek, and Rock Creek - McCreary County; Sinking Creek, Laurel County; Laurel Fork, Whitley County (69 FR 53136-53180, August 2004)

Cumberlandian combshell - Big South Fork, McCreary County; Buck Creek, Pulaski County (69 FR 53136-53180, August 2004)

Oyster mussel - Big South Fork, McCreary County; Buck Creek, Pulaski County (69 FR 53136-53180, August 2004)

Braun's rockcress - 14 areas in Franklin County and 3 in Owen County (69 FR 31460-31496, June 2004)

! Species for which Critical Habitat has been proposed in Kentucky

Cumberland darter – Bunches Creek, Calf Pen Fork, Capuchin Creek, Jellico Creek, Wolf Creek, and Youngs Creek – McCreary County; Barren Fork, Capuchin Creek, Cogur Fork, Elisha Branch, Indian Creek, Jellico Creek, Jenneys Branch, Kilburn Fork, Laurel Creek, Laurel Fork, and Rock Creek – McCreary County (76 FR 63360-63418)

\* Species designated as non-essential experimental population in Kentucky

- + Federally listed species that is possibly extirpated from Kentucky (species has not been observed in Kentucky for over 20 years; however, habitat for the species is present and exhaustive searches to document its status are incomplete)

Species listing status: E, Endangered; T, Threatened; XN, Experimental Population; S/A, Similarity of Appearance

**SPECIES PROPOSED FOR FEDERAL LISTING IN KENTUCKY  
(4 Species as of December 20, 2011)\***

**Animals**

Mussels

+ Rayed bean	<i>Villosa fabilis</i>
Sheepnose	<i>Plethobasus cyphus</i>
Spectaclecase	<i>Cumberlandia monodonta</i>
Snuffbox	<i>Epioblasma triquetra</i>

\***Proposed species** = any species of fish, wildlife, or plant that is proposed in the *Federal Register* (FR) to be listed under section 4 of the Endangered Species Act. A proposed rule to list the snuffbox and rayed bean as Endangered was published in the FR on November 2, 2010. A proposed rule to list the sheepnose and spectaclecase as endangered was published in the FR on January 19, 2011.

**CANDIDATES FOR FEDERAL LISTING IN KENTUCKY  
(12 Species as of December 20, 2011)**

**Animals**

Fishes

+ Diamond darter	<i>Crystallaria cincotta</i>
Kentucky arrow darter	<i>Etheostoma sagitta spilotum</i>

Mussels

+ Slabside pearlymussel	<i>Lexingtonia dolabelloides</i>
Fluted kidneyshell	<i>Ptychobranchnus subtentum</i>
Rabbitsfoot	<i>Quadrula c. cylindrica</i>

Insects

Clifton cave beetle	<i>Pseudanophthalmus caecus</i>
Icebox cave beetle	<i>Pseudanophthalmus frigidus</i>
Tatum cave beetle	<i>Pseudanophthalmus parvus</i>
Louisville cave beetle	<i>Pseudanophthalmus troglodytes</i>

**Plants**

Kentucky glade cress	<i>Leavenworthia exigua</i> var. <i>lacinata</i>
Lesqueroux's bladderpod	<i>Lesquerella globosa</i>
White fringeless orchid	<i>Platanthera integrilabia</i>

- + Species that is possibly extirpated from Kentucky (species has not been observed in Kentucky for over 20 years; however, habitat for the species is present and exhaustive searches to document its status are incomplete)

**Candidate Species** – plant and animal taxa considered for possible addition to the federal list of Endangered and Threatened species. These are taxa for which the Fish and Wildlife Service (Service) has on file sufficient information on biological vulnerability and threat(s) to support issuance of a proposal to list, but issuance of a proposed rule is currently precluded by higher priority listing actions (61 FR 7596-7613). The most recent Candidate Notice of Review was published in the Federal Register on Nov. 10, 2010 (75 FR 69222-69294).

Candidate species have no protection under the Endangered Species Act (ESA), but are listed above for early project planning consideration. Candidate species could be proposed or listed during the project planning period and would then be covered under Section 7 of the ESA. The Service advises an evaluation of potential effects on candidate species that may occur in a particular project area.