

**Status and Distribution of Threatened and Endangered Species (Updated July 2017)**

COMMON NAME	SCIENTIFIC NAME	STATUS	DISTRIBUTION
		E = Endangered T = Threatened	
<b>MAMMALS</b>			
Cougar, eastern	<i>Felis concolor cougar</i>	E	May occur throughout the entire state. However, this species may be extinct or extirpated and there have been no documented, verified occurrences in WV in over 100 years.
Indiana bat	<i>Myotis sodalis</i>	E	May occur throughout the state. Known hibernacula (caves or abandoned mine portals) in Fayette, Greenbrier, Mercer, Monroe, Pendleton, Pocahontas, Preston, Randolph, and Tucker Counties. The Indiana bat may occupy summer habitat throughout the entire state. Maternity activity confirmed in Brooke, Boone, Fayette, Ohio, Tucker, and Wetzel Counties. Critical habitat: Hellhole Cave, Pendleton County.
Virginia big-eared bat	<i>Corynorhinus (=Plecotus) townsendii virginianus</i>	E	Known summer or winter caves located in Grant, Pendleton, Randolph, Tucker and Counties. Also known to utilize abandoned mine portals in Fayette and Tucker Counties. May also occur in mine portals and caves throughout the state, particularly in Hardy, Kanawha, Mercer, Monroe, Nicholas, Preston, Raleigh, Summers, and Wyoming Counties. Critical habitat: Hellhole Cave, Cave Mountain Cave, Hoffman School Cave, and Sinnitt/Thorn Mountain Cave, Pendleton County; Cave Hollow/Arbogast Cave, Tucker County.
Northern long-eared bat	<i>Myotis septentrionalis</i>	T	Occurs statewide. Hibernacula found in Pocahontas, Randolph, Tucker, Summers, Kanawha, Fayette, Raleigh, Preston, Hardy, Pendleton, Greenbrier, Monroe, Mercer, Grant, Mineral, Logan, Boone, Lincoln, and Marion Counties. Known use summer roosts found in Doddridge, Wetzel, Harrison, Lewis, Ritchie, Tucker, Greenbrier, Marshall, Summers, Fayette, Webster, Nicholas, and Braxton Counties.
Gray Bat	<i>Myotis grisescens</i>	E	This species has been documented in Logan and Pendleton County, but it may use caves, abandoned mine portals, or bridges, in Wayne, Cabell, Lincoln, Kanawha, Boone, Fayette, Raleigh, Summers, Monroe, Mercer, McDowell, Wyoming, or Mingo Counties.
<b>AMPHIBIANS</b>			
Cheat Mountain salamander	<i>Plethodon nettingi</i>	T	Grant, Pendleton, Pocahontas, Randolph, and Tucker Counties.
<b>FISHES</b>			
Diamond darter	<i>Crystallaria cincotta</i>	E	<u>Clay and Kanawha Counties</u> - Elk River.
<b>CRUSTACEANS</b>			
Madison Cave isopod	<i>Antrolana lira</i>	T	Known in Jefferson County and may potentially also occur in Berkeley County.
Big Sandy Crayfish	<i>Cambarus callainus</i>	T	<u>Tug Fork Watershed</u> - Tug Fork River including tributaries: Barrenshe Creek, Bradshaw Creek, Buffalo Creek, Clear Fork, Dry Fork, Elkhorn Creek, Grapevine Creek, Jacobs Fork, Laurel Creek, Little Indian Creek, Marrowbone Creek, Mate Creek, Panther Creek, Pigeon Creek, Rockhouse Fork, South Fork Tug Fork, and Spice Creek. McDowell, Mercer, Mingo, and Wayne Counties.

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Guyandotte River Crayfish	<i>Cambarus veteranus</i>	E	<u>Upper Guyandotte Watershed</u> - Guyandotte River including tributaries: Barker Creek, Big Cub Creek, Briar Creek, Buffalo Creek, Clear Fork, Elk Creek, Gilbert Creek, Horsepen Creek, Huff Creek, Indian Creek, Island Creek, Laurel Fork, Little Huff Creek, Little Indian Creek, Pinnacle Creek, Rockcastle Creek, Rum Creek, Slab Fork, Still Run, Stonecoal Creek, Tommy Creek, and Turkey Creek. Logan, Mingo, Raleigh, and Wyoming Counties.
<b>MOLLUSKS</b>			
Mussel, clubshell	<i>Pleurobema clava</i>	E	<u>Braxton, Clay and Kanawha Counties</u> – Elk River and the lower ½ mile of these tributaries: Birch River, Blue Creek, and Laurel Creek; <u>Harrison and Lewis Counties</u> – Hackers Creek; <u>Doddridge County</u> – Meathouse Fork and the lower ½ mile of these tributaries: Toms Fork; <u>Doddridge, Pleasants, and Tyler Counties</u> – Middle Island Creek and the lower ½ mile of these tributaries: Arnold Creek, Bluestone Creek, Buckeye Creek, Indian Creek, McKim Creek, Point Pleasant Creek, Sancho Creek; <u>Doddridge, Ritchie, and Wirt Counties</u> - South Fork Hughes River and the lower ½ mile of these tributaries: Bone Creek, Indian Creek, Leatherbark Creek, Otterslide Creek, Slab Creek, and Spruce Creek; <u>Braxton, Calhoun, Gilmer, Wirt, and Wood Counties</u> – Little Kanawha River; <u>Mason, Pleasants, Tyler, Wayne, Wetzel, and Wood Counties</u> - Ohio River; <u>Harrison and Lewis Counties</u> - West Fork River; <u>Fayette, Kanawha, Mason and Putnam Counties</u> - Kanawha River; <u>Ritchie County</u> - North Fork Hughes River.
Mussel, fanshell	<i>Cyprogenia stegaria</i> (= <i>irrorata</i> )	E	<u>Fayette, Kanawha, Mason and Putnam Counties</u> - Kanawha River; <u>Cabell, Jackson, Mason, Pleasants, Tyler, Wayne, Wetzel, and Wood Counties</u> - Ohio River.
Mussel, James spiny	<i>Pleurobema</i> (= <i>Canthyria</i> ) <i>collina</i>	E	<u>Monroe County</u> – Cove Creek, South Fork of Potts Creek, and Potts Creek.
Mussel, northern riffleshell	<i>Epioblasma torulosa</i> <i>rangiana</i>	E	<u>Braxton, Clay and Kanawha Counties</u> – Elk River and the lower ½ mile of these tributaries: Birch River, Blue Creek, and Laurel Creek
Mussel, pink mucket	<i>Lampsilis abrupta</i> (= <i>orbiculata</i> )	E	<u>Braxton, Clay and Kanawha Counties</u> - Elk River and the lower ½ mile of these tributaries: Birch River, Blue Creek, and Laurel Creek; <u>Fayette, Kanawha, Mason, and Putnam Counties</u> - Kanawha River; <u>Cabell, Jackson, Mason, Pleasants, Tyler, Wayne, Wetzel, and Wood Counties</u> - Ohio River.
Mussel, rayed bean	<i>Villosa fabalis</i>	E	<u>Braxton, Clay and Kanawha Counties</u> – Elk River and the lower ½ mile of these tributaries: Birch River, Blue Creek, and Laurel Creek.
Mussel, sheepnose	<i>Plethobasus cyphus</i>	E	<u>Fayette and Kanawha, Mason and Putnam Counties</u> - Kanawha River; <u>Cabell, Jackson, Mason, Pleasants, Tyler, Wayne, Wetzel, and Wood Counties</u> – Ohio River.
Mussel, spectaclecase	<i>Cumberlandia monodonta</i>	E	<u>Fayette, Kanawha, Mason and Putnam Counties</u> - Kanawha River.
Mussel, tubercled-blossom pearly	<i>Epioblasma torulosa</i> <i>torulosa</i>	E	<u>Fayette, Kanawha, Mason, and Putnam Counties</u> - Kanawha River. May be extinct.
Mussel, snuffbox	<i>Epioblasma triquetra</i>	E	<u>Braxton County</u> – Cedar Creek, Elk River, and Little Kanawha River; <u>Cabell County</u> – Ohio River; <u>Calhoun County</u> – Beech Fork, Henry’s Fork, Steer Creek, and West Fork Little Kanawha River; <u>Clay County</u> - Elk River; <u>Doddridge County</u> – Arnold Creek, Bluestone Creek, Bone Creek, Buckeye Creek, Indian Creek, Leatherbark Creek, McElroy Creek, McKim Creek, Meathouse Fork, Middle Island Creek, Otterslide Creek, Point Pleasant Creek, Sancho Creek, Slab Creek, South Fork Hughes

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				River, Spruce Creek, and Toms Fork; <u>Gilmer County</u> – Cedar Creek, Fink Creek, Leading Creek, Little Kanawha River, and Steer Creek; <u>Harrison County</u> – West Fork River and Hackers Creek; <u>Jackson County</u> – Ohio River; <u>Kanawha County</u> – Big Sandy Creek and Elk River; <u>Lewis County</u> – Fink Creek, Hackers Creek, Leading Creek and West Fork River; <u>Marion County</u> - West Fork River; <u>Marshall County</u> – Fish Creek; <u>Mason County</u> – Ohio River; <u>Monongalia County</u> – Dunkard Creek; <u>Pleasants County</u> – Arnold Creek, Bluestone Creek, Buckeye Creek, Indian Creek, McKim Creek, Middle Island Creek, Ohio River, Point Pleasant Creek, Sancho Creek, and Sugar Creek; <u>Putnam County</u> - Kanawha River; <u>Ritchie County</u> – Addis Run, Bonds Creek, Devilhole Creek, Gillespie Run, Hughes River, North Fork Hughes River, South Fork Hughes River, and Spruce Creek; <u>Roane County</u> – Bone Creek, Henry’s Fork, Indian Creek, Leatherbark Creek, Otterslide Creek, Reedy Creek, Slab Creek, Spring Creek, Spruce Creek, South Fork Hughes River, and West Fork Little Kanawha River; <u>Tyler County</u> – Arnold Creek, Bluestone Creek, Buckeye Creek, Indian Creek, McElroy Creek, McKim Creek, Middle Island Creek, Ohio River, Point Pleasant Creek, and Sancho Creek; <u>Wayne County</u> - Ohio River; <u>Wetzel County</u> – Fishing Creek and Ohio River; <u>Wirt County</u> – Addis Run, Bonds Creek, Bone Creek, Devilhole Creek, Gillespie Run, Goose Creek, Hughes River, Indian Creek, Leatherbark Creek, Little Kanawha River, North Fork Hughes River, Otterslide Creek, Reedy Creek, Slab Creek, South Fork Hughes River, Spring Creek, Spruce Creek, and West Fork Little Kanawha River; <u>Wood County</u> - Little Kanawha River and Ohio River.
Snail, flat-spined three-toothed land	<i>Triodopsis platysayoides</i>	T		<u>Monongalia and Preston Counties</u> , including both sides of Cheat River Gorge.
<b>PLANTS</b>				
Harperella	<i>Ptilimnium nodosum</i>	E		<u>Berkeley County</u> – Back Creek; <u>Morgan County</u> – Cacapon River, Potomac River, and Sleepy Creek.
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E		Known in Berkeley and Hardy Counties and may potentially also occur in Hampshire, Mineral, Morgan, and Pendleton Counties.
Running buffalo clover	<i>Trifolium stoloniferum</i>	E		Known in Barbour, Brooke, Greenbrier, Fayette, Pendleton, Pocahontas, Randolph, Webster, and Tucker Counties. May potentially also occur in Monongalia and Preston Counties based on historical records.
Shale barren rock cress	<i>Boechea (=Arabis) serotina</i>	E		Greenbrier, Hardy, and Pendleton Counties.
Small whorled pogonia	<i>Isotria medeoloides</i>	T		Greenbrier, Randolph, Tucker, and Pocahontas Counties.
Virginia spiraea	<i>Spiraea virginiana</i>	T		<u>Fayette County</u> – Gauley River, Meadow River, and New River; <u>Greenbrier County</u> – Greenbrier River and Meadow River; <u>Mercer and Summers Counties</u> – Bluestone River; <u>Nicholas County</u> - Gauley River and Meadow River; <u>Pocahontas County</u> - Greenbrier River; <u>Raleigh County</u> – Marsh Fork River, Dingess Branch, and Millers Camp Branch. May also potentially occur in Upshur County.
<b>INSECTS</b>				
Rusty patched bumble bee	<i>Bombus affinis</i>	E		May occur throughout the entire state. However, this species may be extirpated and has not been documented since 2000.