

LINCOLN COUNTY, TENNESSEE

| Common Name | Scientific Name | Informal Taxonomy | Rounded NatureServe Global Status | USES Code |
|-------------------------|--------------------------------|--|-----------------------------------|-----------|
| Cumberland Monkeyface | <i>Theliderma intermedia</i> | Freshwater Mussels | G1 | E, XN |
| Shiny Pigtoe | <i>Fusconaia cor</i> | Freshwater Mussels | G1 | E, XN |
| Boulder Darter | <i>Etheostoma wapiti</i> | Fishes - Freshwater and Anadromous Bony, Cartilaginous; Lampreys | G1 | E, XN |
| Cracking Pearlymussel | <i>Hemistena lata</i> | Freshwater Mussels | G1 | E, XN |
| Finerayed Pigtoe | <i>Fusconaia cuneolus</i> | Freshwater Mussels | G1 | E, XN |
| Cumberlandian Combshell | <i>Epioblasma brevidens</i> | Freshwater Mussels | G1 | E, XN |
| Birdwing Pearlymussel | <i>Lemiox rimosus</i> | Freshwater Mussels | G1 | E, XN |
| Warty Rocksnail | <i>Lithasia lima</i> | Freshwater Snails | G2 | |
| Ashy Darter | <i>Etheostoma cinereum</i> | Fishes - Freshwater and Anadromous Bony, Cartilaginous; Lampreys | G2 | |
| Slabside Pearlymussel | <i>Pleuroaia dolabelloides</i> | Freshwater Mussels | G2 | E |
| Tennessee Clubshell | <i>Pleurobema oviforme</i> | Freshwater Mussels | G2 | |
| Indiana Myotis | <i>Myotis sodalis</i> | Mammals | G2 | E |

<https://www.natureserve.org/>

Cracking Pearlymussel (*Hemistena lata*)

NatureServe rank: G1

State Status: E

Federal Status: E, XN



Habitat:

Can be found in sand, gravel, and cobble substrates in fast currents or slowly paced water systems with mud.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

“Cracking Pearlymussel (*Hemistena Lata*).” *Forestry Images*, 31 Dec. 2016,
<https://www.forestryimages.org/browse/detail.cfm?imgnum=1251006#>.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.109635/Hemistena_lata.

Cumberlandian Combshell (*Epioblasma brevidens*)

NatureServe rank: G1

State Status: E

Federal Status: E, XN



Habitat:

They can be found in mixtures of sand, gravel, and cobble substrate of large creeks and rivers.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

“ESA001-00287.” *Joel Sartore*, 22 Feb. 2018, <https://www.joelsartore.com/esa001-00287/>.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.115217/Epioblasma_brevidens.

Shiny Pigtoe (*Fusconaia cor*)

NatureServe rank: G1

State Status: E

Federal Status: E, XN



Habitat:

Can be found in shoals and riffles of small to medium sized rivers in clear streams with moderate to fast current.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

“ESA002-00348.” *Joel Sartore*, 22 Feb. 2018, <https://www.joelsartore.com/esa002-00348/>.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.108198/Fusconaia_cor.

Ashy Darter (*Etheostoma cinereum*)

NatureServe rank: G2

State Status:

Federal Status:



Habitat:

Can be found in cool to warm, small to medium upland rivers. They shelter near slab-rock boulders.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

“ESA001-00262.” *Joel Sartore*, 22 Feb. 2018, <https://www.joelsartore.com/esa001-00262/>.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.1079445/Etheostoma_cinereum.

Birdwing Pearlymussel (*Lemiox rimosus*)

NatureServe rank: G1

State Status: E

Federal Status: E, XN



Habitat:

Can be found in riffles with stable sand and gravel substrates. They prefer moderate to fast currents in small to medium rivers.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

Birdwing Pearly Mussel (Lemiox Rimosus) {!-- 캐라타조개-->,
<http://animal.memozee.com/view.php?tid=2&did=15007>.

NatureServe Explorer 2.0,
https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.110500/Lemiox_rimosus.

Boulder Darter (*Etheostoma wapiti*)

NatureServe rank: G1

State Status: E

Federal Status: E, XN



Habitat:

Can be found in small to medium rivers with fast rocky riffles.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

“ESA001-00255.” *Joel Sartore*, 22 Feb. 2018, <https://www.joelsartore.com/esa001-00255/>.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.101522/Etheostoma_wapiti.

Cumberland Monkeyface (*Theliderma intermedia*)

NatureServe rank: G1

State Status: E

Federal Status: E, XN



Habitat:

Can be found in shallow riffles and shoal areas of headwater streams and large rivers.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

“MUSSELpdb: Specimen USNM_84221.” *MUSSELpdb* | *Specimen USNM_84221*,
https://mussel-project.uwsp.edu/fmuotwaolcb/specimen_8401.html.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.116132/Theliderma_intermedia.

Finerayed Pigtoe (*Fusconaia cuneolus*)

NatureServe rank: G1

State Status: E

Federal Status: E, XN



Habitat:

Can be found in clear, high gradient streams with cobble and gravel.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

“ESA002-00350.” *Joel Sartore*, 22 Feb. 2018, <https://www.joelsartore.com/esa002-00350/>.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.118288/Fusconaia_cuneolus.

Indiana Myotis (*Myotis sodalis*)

NatureServe rank: G2

State Status: E

Federal Status: E



Habitat:

Mostly found in caves to hibernate but have been seen around forests and water sources.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

Boyles, Justin. "Indiana Bat." *Flickr*, Yahoo!, 12 Apr. 2009,
<https://www.flickr.com/photos/jboyles/3434789952/>.

NatureServe Explorer 2.0,
https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.100428/Myotis_sodalis.

Slabside Pearlymussel (*Pleuronaia dolabelloides*)

NatureServe rank: G2

State Status: E

Federal Status: E



Habitat:

Can be found in moderate to high gradient riffle systems in creeks and rivers.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.106952/Pleuronaia_dolabelloides.

U.S. Fish and Wildlife Service Southeast Region. "Slabside Pearlymussel (*Pleuronaia Dolabelloides*)." *Flickr*, Yahoo!, 25 Sept. 2013, <https://www.flickr.com/photos/usfwssoutheast/9934725315/>.

Tennessee Clubshell (*Pleurobema oviforme*)

NatureServe rank: G2

State Status:

Federal Status:



Habitat:

It can be found around riffles and shoals in sand/gravel mixtures, mud, and sometimes cracks of bedrock. They are also known to be in creeks, but rarely are seen in deep depths of a water system.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

Georgiabiodiversity.org, https://georgiabiodiversity.org/status_maps_public/.

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.115056/Pleurobema_oviforme.

Warty Rocksnail (*Lithasia lima*)

NatureServe rank: G2

State Status:

Federal Status:



Habitat:

Can be found on gravel and cobble substrata in slow to moderate flowing medium sized rivers. They are also intolerant to a silty environment.

Management Considerations:

Follow Tennessee BMPs

Information sourced from:

NatureServe Explorer 2.0,

https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.115760/Lithasia_lima.

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<https://www.inaturalist.org/photos/4541014>.