

Aquatic Crayfish Species With Possible Occurrences in South Carolina (not listed or priority ranked within SWAP)

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The following species are currently not known in South Carolina, but they may occur here based upon their distribution in North Carolina and/or Georgia. Because they are of conservation concern in their limited known ranges outside the state, they may be added to the South Carolina priority list if their presence is confirmed in the state. Two additional species that occur outside of South Carolina, *Procambarus pygmaeus* and *P. trunculentus*, may also be present in South Carolina because they occur across the Savannah River in Georgia. However, they are thought to be currently stable in Georgia (Taylor et al. 2007). If found in South Carolina, they would be considered lower priorities.

Cambarus species “A” (cf. *C. howardi*)

No Common Name

Cambarus howardi has been collected in the Chattahoochee River Basin in Georgia and at one locality in Alabama. Populations in North and South Carolina have been tentatively identified as *C. howardi*. Possible *C. howardi* identifications have been made in the Saluda and Enoree River Basins in Greenville and Anderson Counties as well as the upper Broad River Basin. It is also reported to be in Spartanburg County. It is necessary to conduct taxonomic work on previously collected species in order to determine the identity and status of these populations (J. Cooper, pers. comm.).



Knotty Burrowing Crayfish

Cambarus nodosus

Cambarus nodosus has been reported to occur in South Carolina, North Carolina, Tennessee, and Georgia (Hobbs 1989; Taylor et al. 2007) and is considered to be currently stable (Taylor et al. (2007). Hobbs (1989) lists the Keowee Basin as part of its range. However, it is considered a conservation priority in North Carolina.



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Broad River Stream Crayfish

Cambarus lenati

The Broad River Stream Crayfish has not been found in South Carolina but there is a possibility that it occurs on the South Carolina side of the Broad River Basin. North Carolina considers this species to be of significant conservation concern since it appears to have a very limited



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range within the Broad River basin. It would also be a species of concern in South Carolina if it is found here.

French Broad River Crayfish

Cambarus reburus



The presence of this species has not yet been confirmed in South Carolina, despite stream surveys for it, but is suspected to occur in the South Carolina portion of the Savannah River Basin like it does in adjacent North Carolina. More survey work in this area is needed to determine its status in this state. Taylor et al. (2007) listed it as currently stable in North Carolina.

LITERATURE CITED

- Hobbs, H.H. Jr. 1989. An Illustrated Checklist of the American Crayfishes (Decapoda: Astacidae, Cambaridae, and Parastacidae). Smithsonian Contributions to Zoology. 480. 236 pp.
- Taylor, C.A., G.A. Schuster, J.E. Cooper, R.J. DiStefano, A.G. Eversole, P. Hamr, H.H. Hobbs III, H.W. Robison, C.E. Skelton, and R.F. Thoma 2007. Reassessment of the Conservation Status of Crayfishes of the United States and Canada after 10+ Years of Increased Awareness. Fisheries. 32(8):372–389.