

Species, Stream (Unit), and State	Currently occupied		Currently unoccupied	
Cumberland elktoe:				
Rock Creek (Unit 8), KY	11	7		
Big South Fork (Unit 9), TN, KY	43	27		
North Fork White Oak Creek (Unit 9), TN	11	7		
New River (Unit 9), TN	14.5	9		
Clear Fork (Unit 9), TN	40	25		
White Oak Creek (Unit 9), TN	10	6		
Bone Camp Creek (Unit 9), TN	6	4		
Crooked Creek (Unit 9), TN	14.5	9		
North Prong Clear Fork (Unit 9), TN	14.5	9		
Sinking Creek (Unit 11), KY	13	8		
Marsh Creek (Unit 12), KY	19	12		
Laurel Fork (Unit 13), TN, KY	8	5		
Total	204	128		
Oyster mussel:				
Duck River (Unit 1), TN	74	46		
Bear Creek (Unit 2), AL, MS			40	25
Powell River (Unit 4), TN, VA	154	94		
Clinch River (Unit 5), TN, VA	242	150		
Copper Creek (Unit 5), VA			21	13
Nolichucky River (Unit 6), TN	8	5		
Big South Fork (Unit 9), TN, KY	43	27		
Buck Creek (Unit 10), KY			58	36
Total	511	322	119	74.5
Cumberlandian combshell:				
Duck River (Unit 1), TN			74	46
Bear Creek (Unit 2), AL, MS	40	25		
Powell River (Unit 4), TN, VA	154	94		
Clinch River (Unit 5), TN, VA	242	148		
Nolichucky River (Unit 6), TN			8	5
Big South Fork (Unit 9), TN, KY	43	27		
Buck Creek (Unit 10), KY	58	36		
Total	527	330	82	51
Purple bean:				
Obed River (Unit 3), TN	40	25		
Powell River (Unit 4), TN, VA			154	94
Clinch River (Unit 5), TN, VA	242	148		
Copper Creek (Unit 5), VA	21	13		
Indian Creek (Unit 5), VA	4	2.5		
Beech Creek (Unit 7), TN	23	14		
Total	330	216	154	94
Rough rabbitsfoot:				
Powell River (Unit 4), TN, VA	154	94		
Clinch River (Unit 5), TN, VA	242	148		
Copper Creek (Unit 5), VA			21	13
Indian Creek (Unit 5), VA	4	2.5		
Total	390	244.5	21	13

Critical Habitat Unit Descriptions

The critical habitat units described below include the stream and river channels within the ordinary high water line. As defined in 33 CFR 329.11, the ordinary high water line on nontidal rivers is the line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank; shelving; changes in the character of soil;

destruction of terrestrial vegetation; the presence of litter and debris; or other appropriate means that consider the characteristics of the surrounding areas. We are proposing the following units for designation as critical habitat for these five mussels.

Unit 1. Duck River, Maury and Marshall Counties, Tennessee

Unit 1 encompasses 74 rkm (46 rmi) of the mainstem of the Duck River channel from rkm 214 (rmi 133) (0.3

rkm (0.2 rmi) upstream of the First Street Bridge) in the City of Columbia, Maury County, Tennessee, upstream to Lillard's Mill Dam at rkm 288 (rmi 179), Marshall County, Tennessee. This reach of the Duck River contains a robust, viable population of the oyster mussel (Ahlstedt 1991; Gordon 1991; S.A. Ahlstedt USGS, pers. comm. 2002) and historically supported the Cumberlandian combshell (Hinkley and Marsh 1885; Ortmann 1925; Isom and