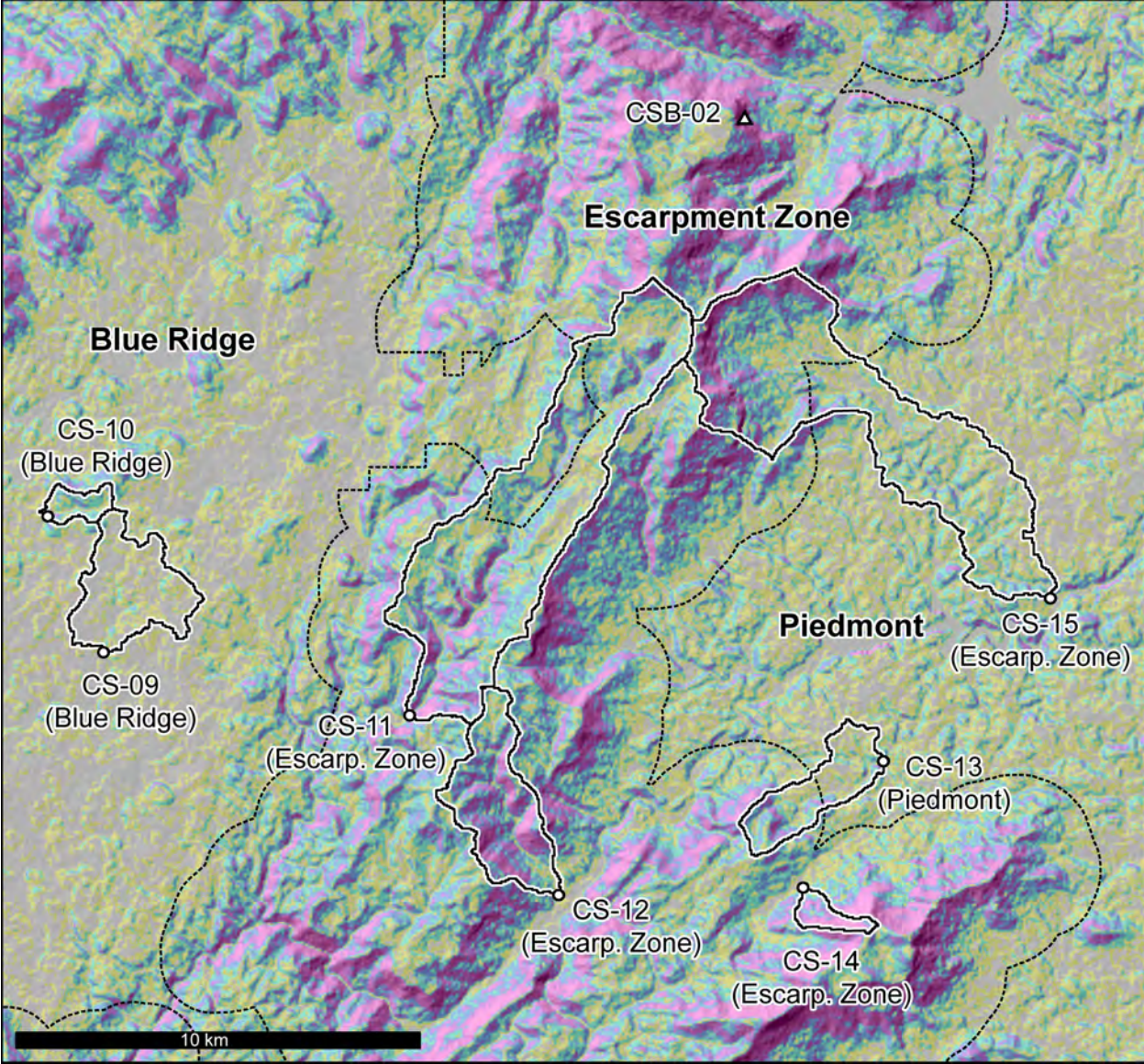
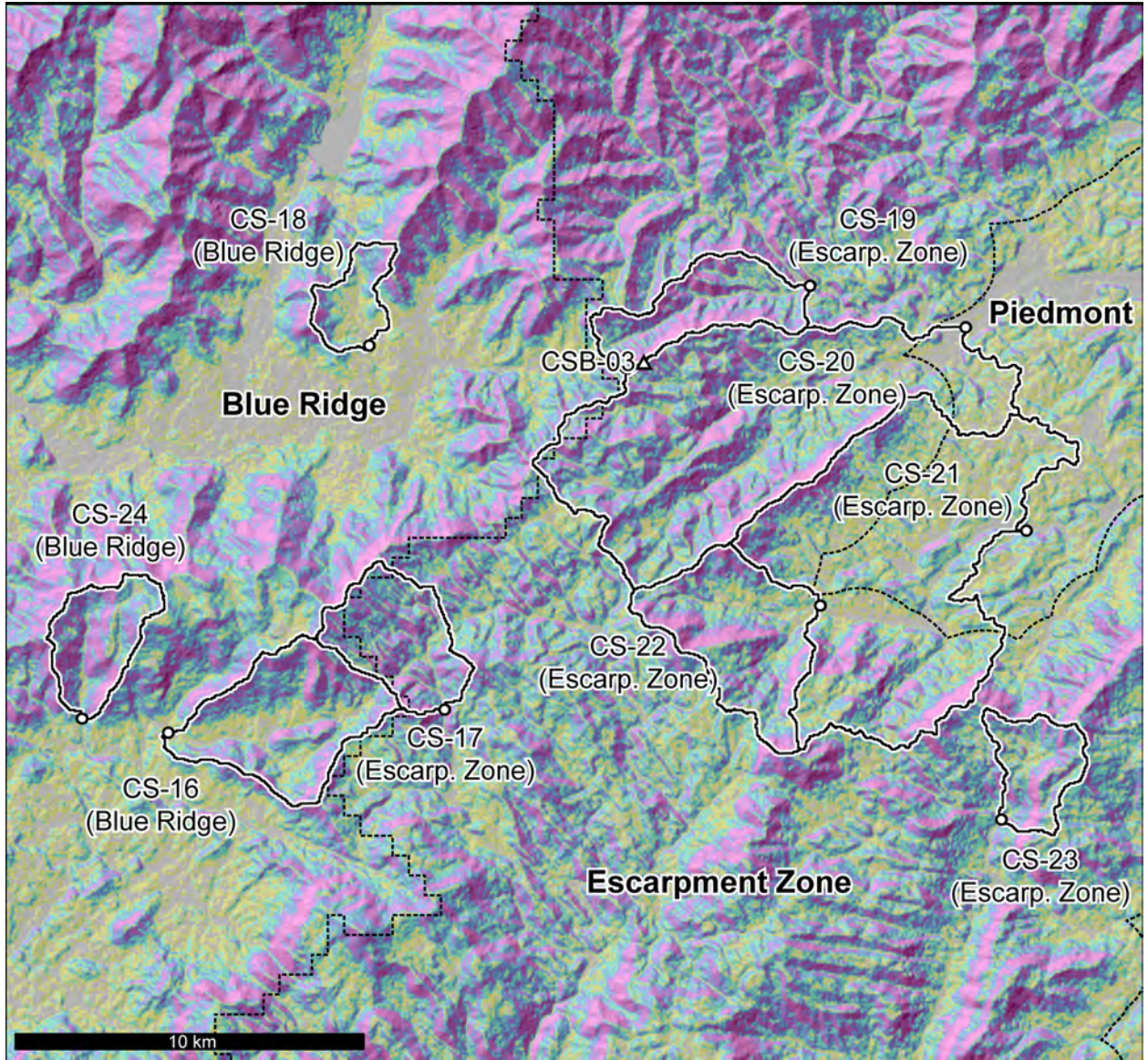


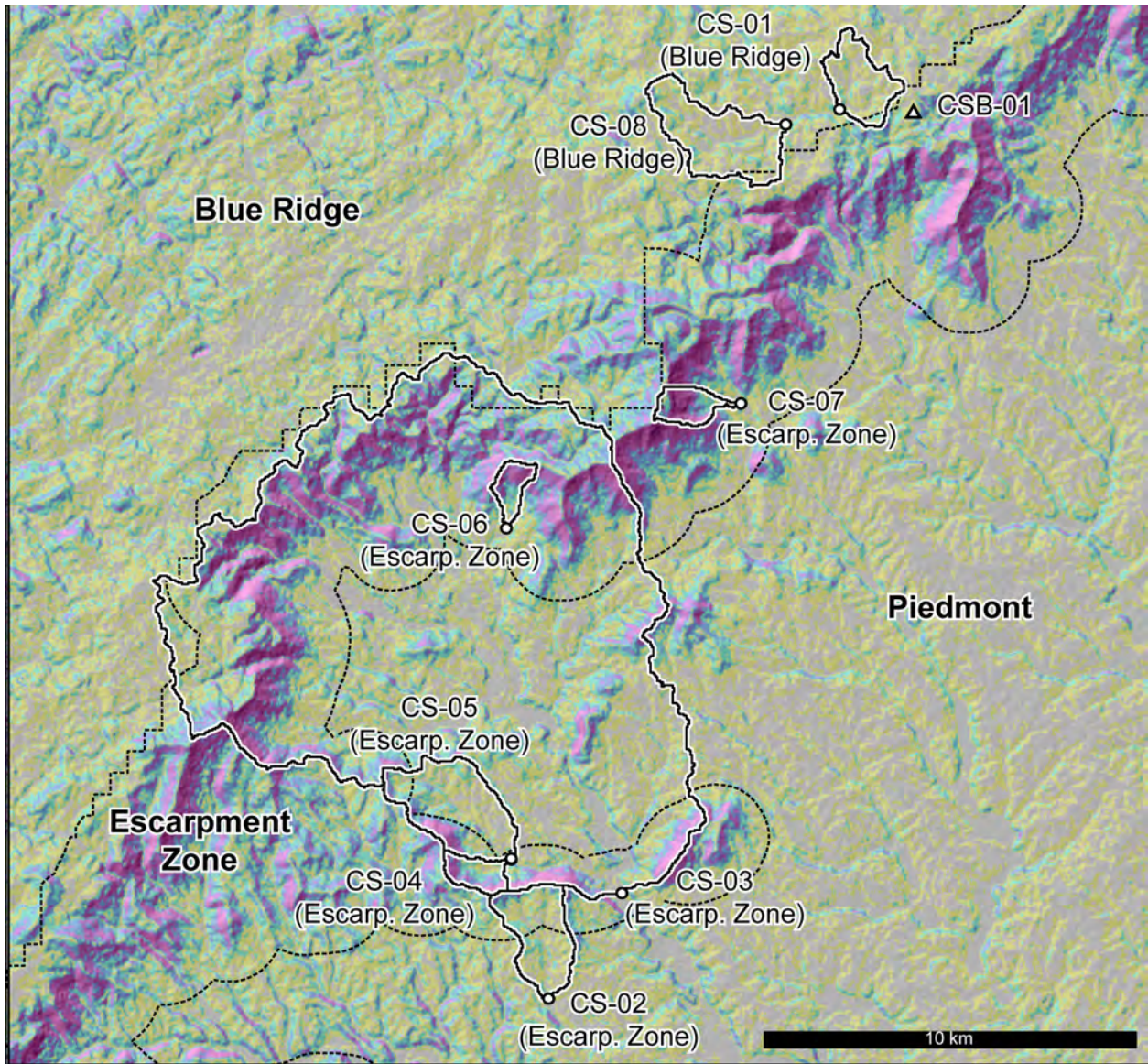
Supplementary Figure 1. Location of sample sites (sediment and bedrock samples shown by black circles and triangles, respectively) along the Blue Ridge Escarpment on the eastern United States passive margin (inset, same as Figure 1 in main text). Base layer is world shaded relief map (provided open-access by ESRI). The three main zones we refer to throughout the text – Blue Ridge, Escarpment Zone, and Piedmont – are demarcated by the dashed gray line. Symbolology for Supplementary Figures 2–5 are the same as this figure.



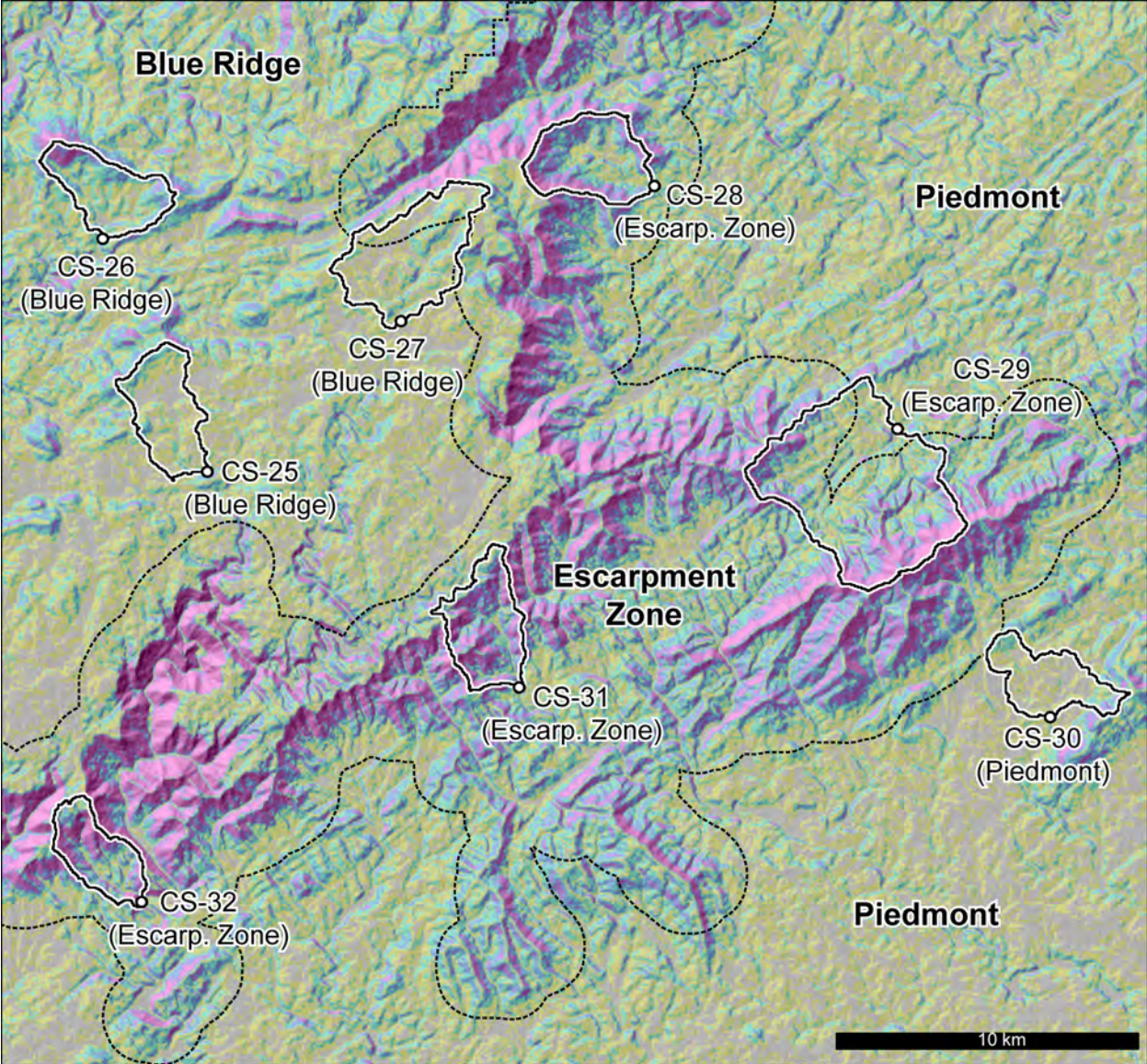
Supplementary Figure 2.



Supplementary Figure 3.



Supplementary Figure 4.



Supplementary Figure 5.