

Ecography

ECOG-03782

Woods, T. and McGarvey, D. J. 2018. Assessing the relative influences of abiotic and biotic factors on American eel *Anguilla rostrata* distribution using hydrologic, physical habitat, and functional trait data. – Ecography doi: 10.1111/ecog.03782

Supplementary material
Appendix 1

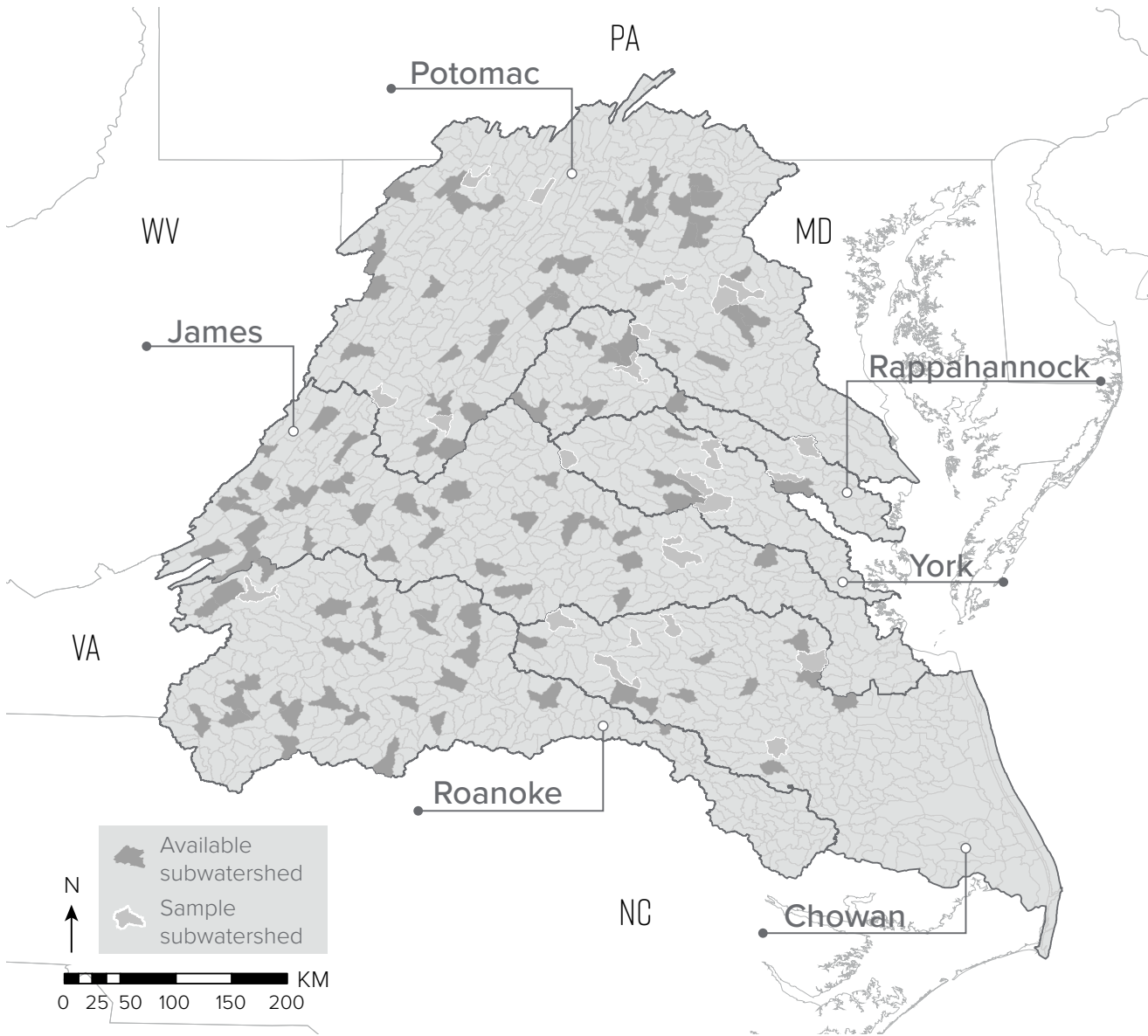


Figure A1. Map of the six Mid-Atlantic, USA drainages that defined our study region (i.e., total landscape for this study). The extent of each drainage is bounded by dark grey lines and the smaller subdivisions within each drainage show all potential subwatersheds. Also shown are the locations of sample (representing conditions at sites where the American Eel is known to occur) and available (representing a random sample of landscape conditions) subwatersheds that were determined to provide adequate data and were therefore included in the analysis (see text).

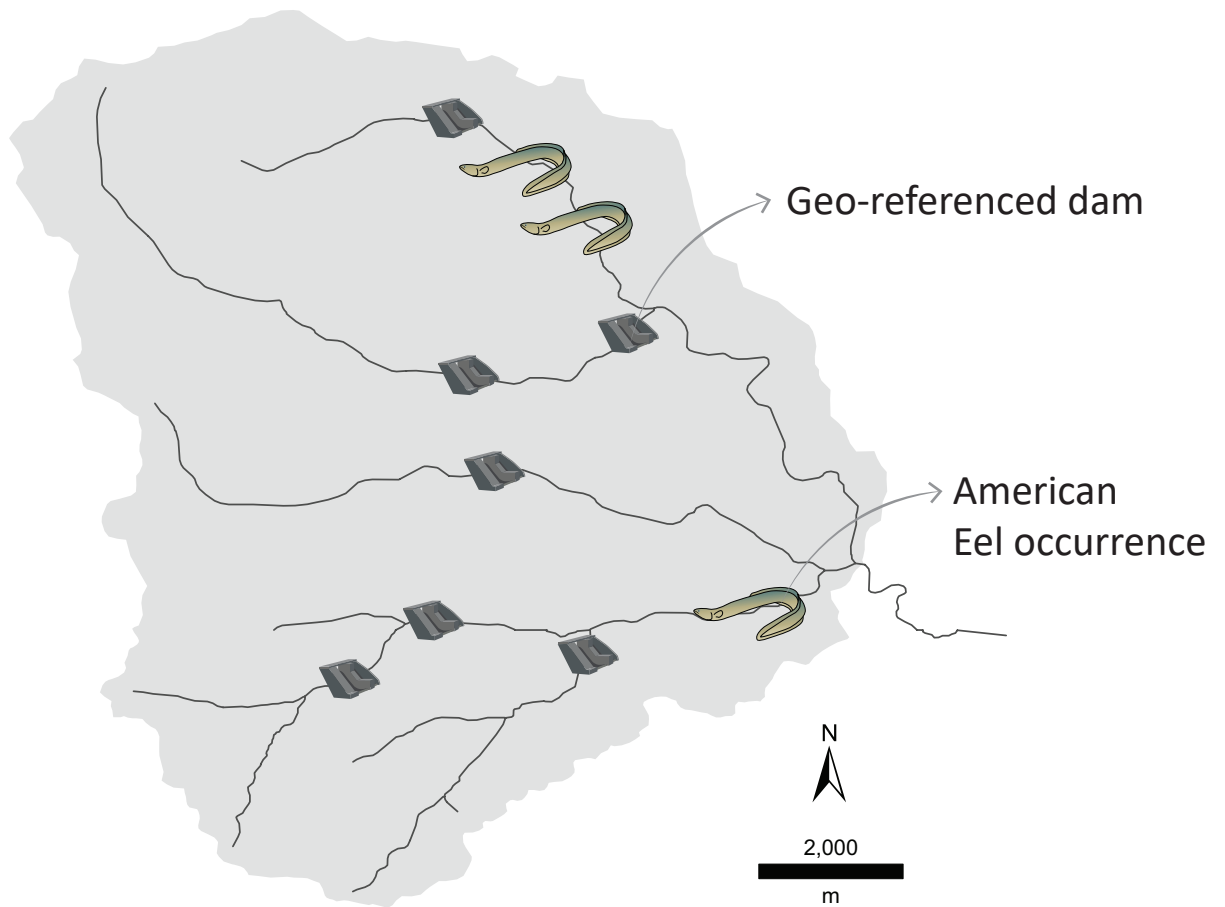


Figure A2. An illustration of a subwatershed exhibiting high dam density, effectively preventing the American Eels from moving further upstream. Downstream of large, impassible dams, American Eels tend to congregate and are therefore more easily captured during stream surveys.