

Figure 1. Illustration of spatial scales of characteristics of an example stream segment, shown as thick line in panel a (channel (a), incremental riparian (b), cumulative riparian (c), incremental watershed (d), cumulative watershed (e)) (adapted from Brenden et al. 2006).

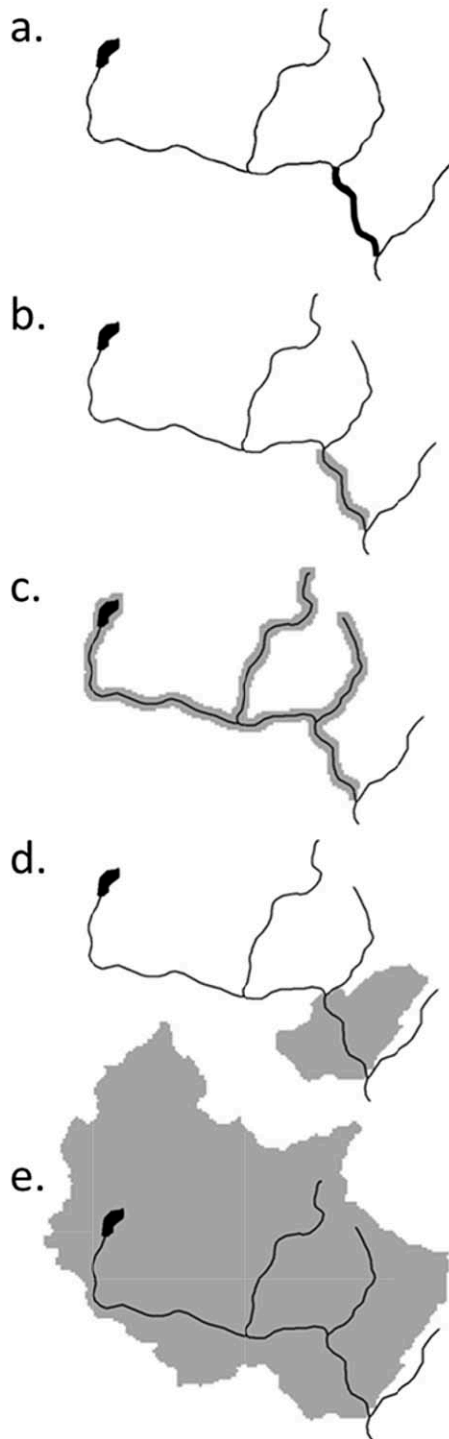


Figure 2. Example partial dependence plot (solid line) and habitat suitability curve (dashed line) created by linearly interpolating between major inflection points in partial dependence plot. Similar plots for all species are presented in Appendix 5.

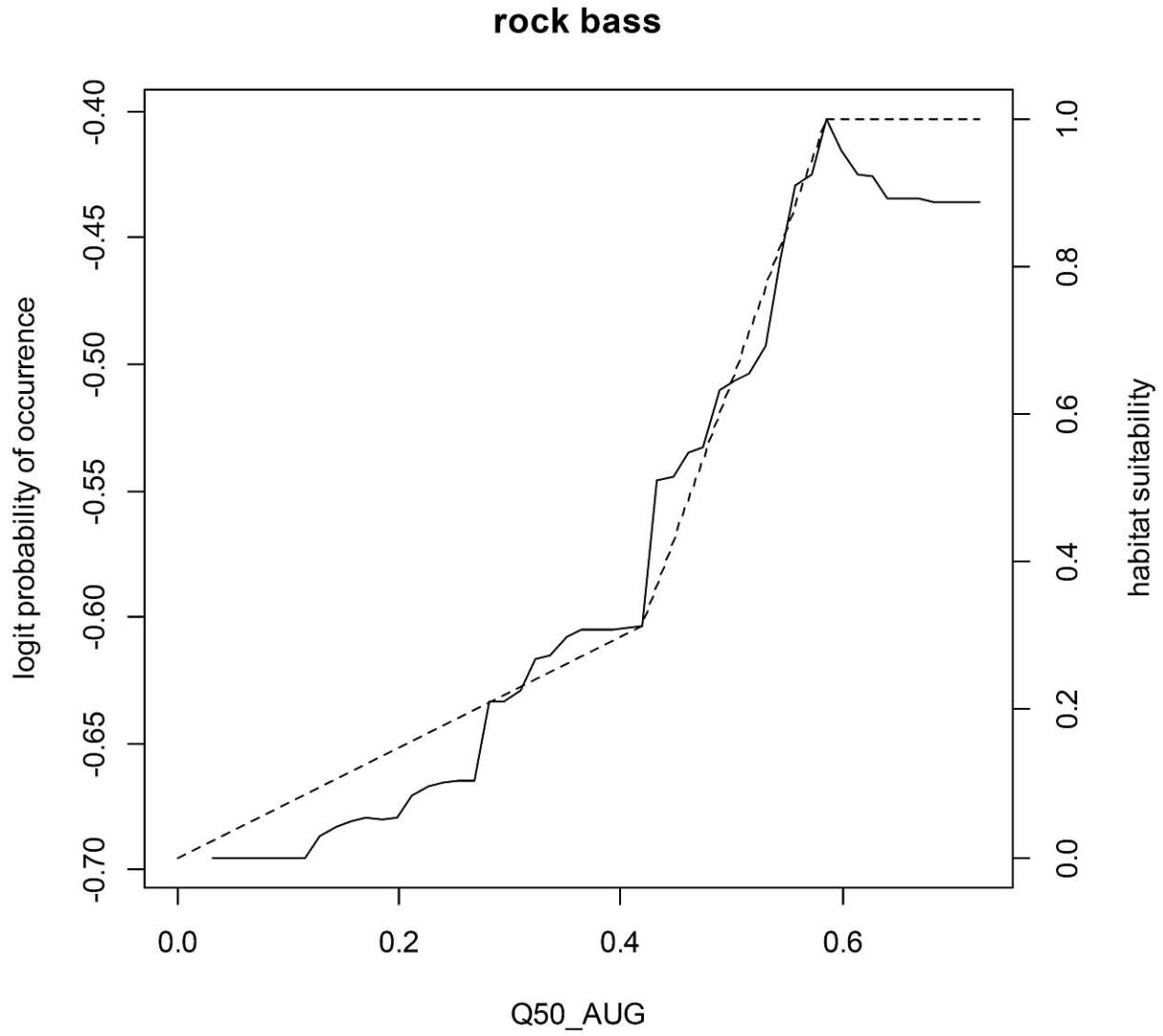


Figure 3. Relationship between watershed area and stream flow yield at 616 fish survey sites used to develop fish distribution models.

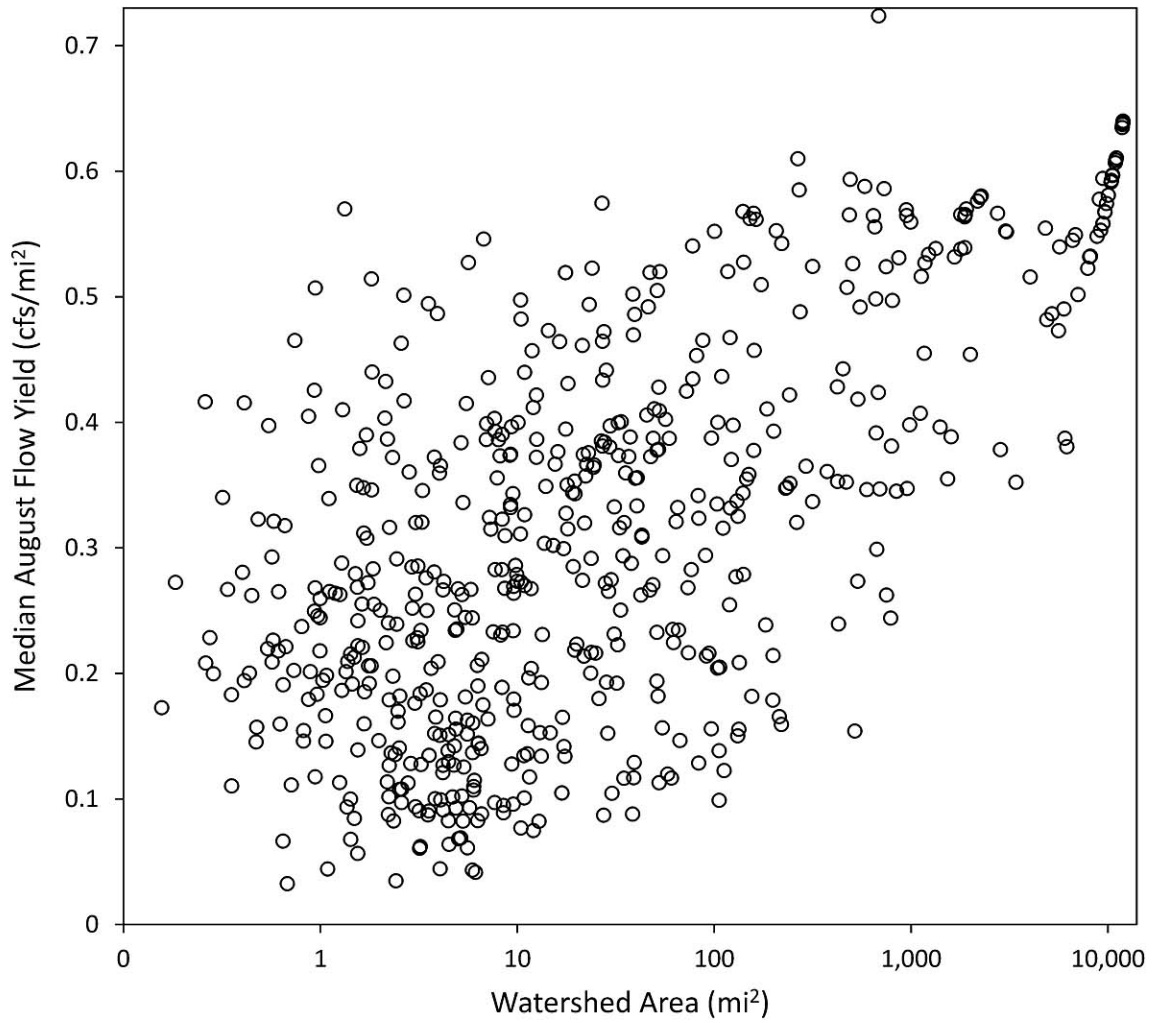


Figure 4. Model performance at predicting identity of entire fish community across a range of observed species richness. For each value of observed species richness on the horizontal axis, classification values are the medians of all sites with that richness.

