Tables

Table 1. Deviance information criteria (DIC) values and model selection results for candidate habitat selection models for Pallid Sturgeon captures in the Lower Mississippi River.

model	dic	ddic
3	13722185	0.00
4	13722197	11.78
2	13722234	48.36
1	13722235	50.08
7	13722284	99.01
8	13722289	103.29
6	13722300	114.52
5	13722329	144.05

Strong evidence for Model 3: Stage and Temperature main effects that vary between river segment.

Figures

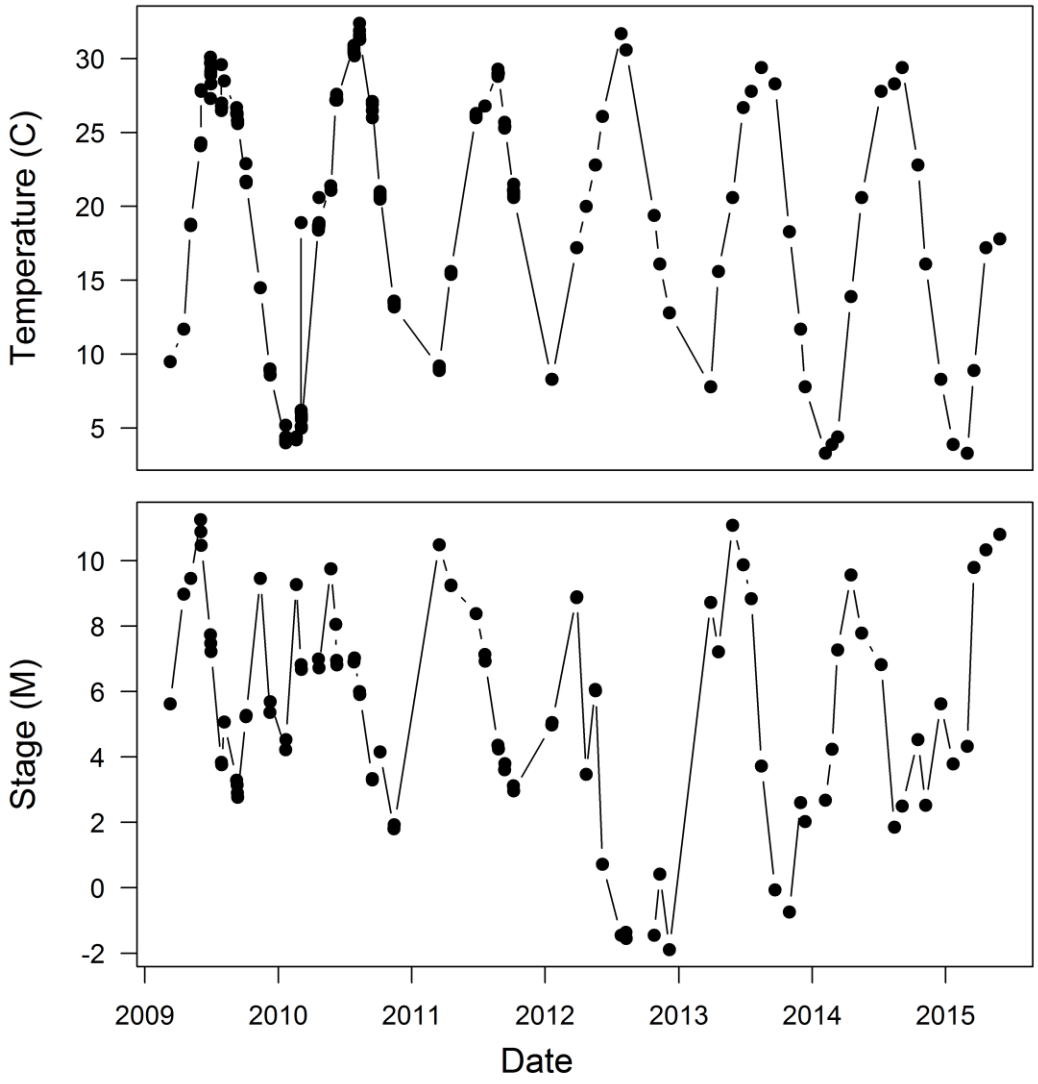

Figure 1. Lower Mississippi River tempeature and stage over the study period for Catfish Point river segement.

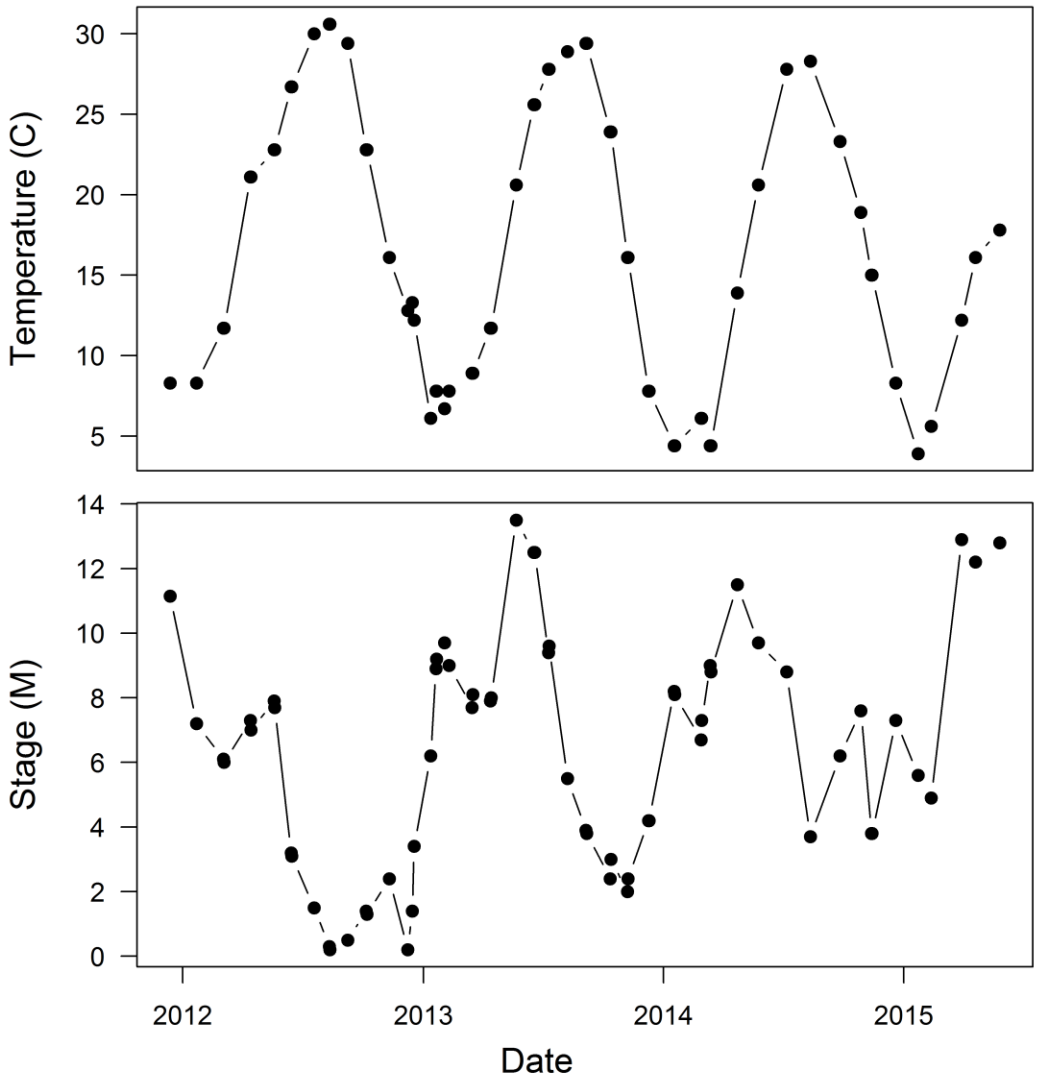

Figure 2. Lower Mississippi River tempeature and stage over the study period for Tara to Vicksburg river segement.

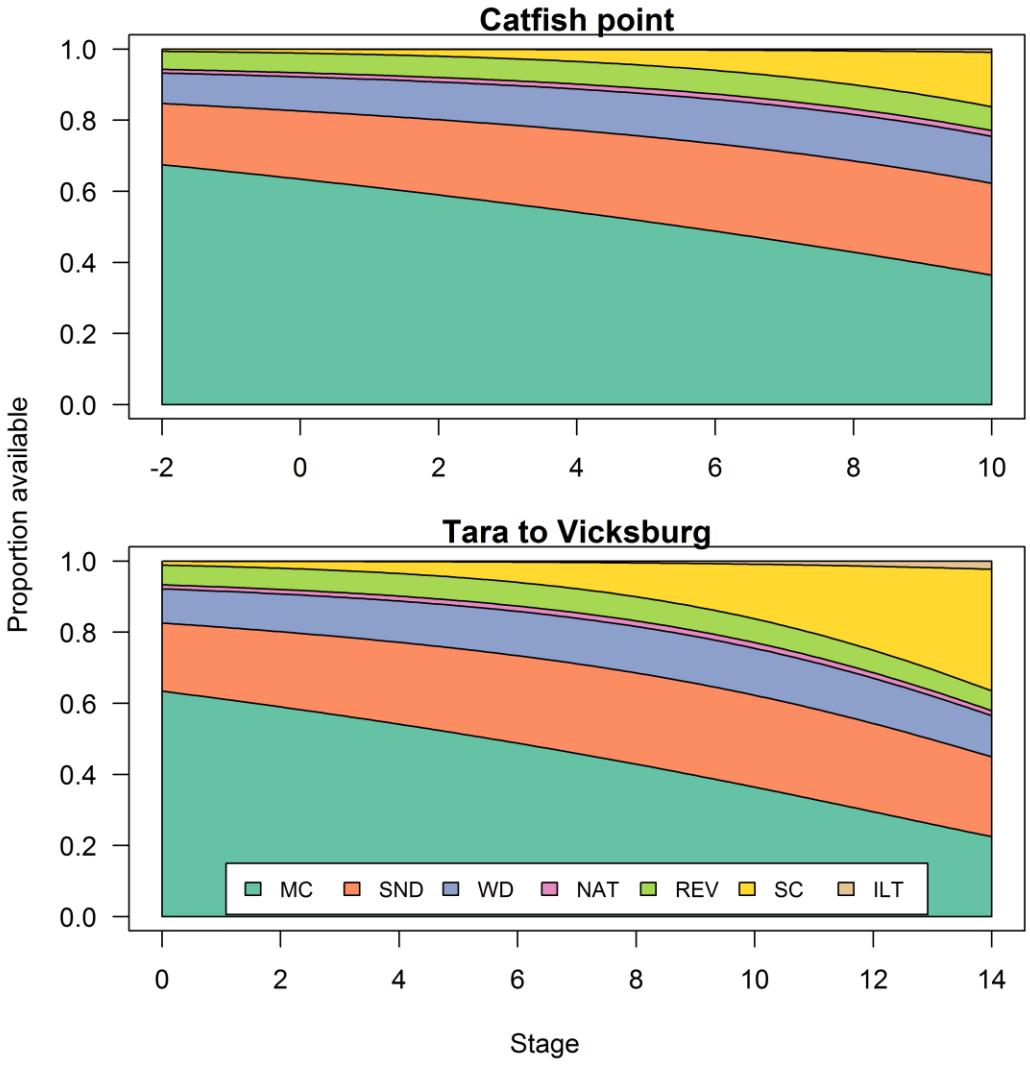

Figure 3. Predicted habitat availability at varying river stages for Catfish Point (top panel) and Tara to Vicksburg (bottom panel) segments of the lower Mississippi River.

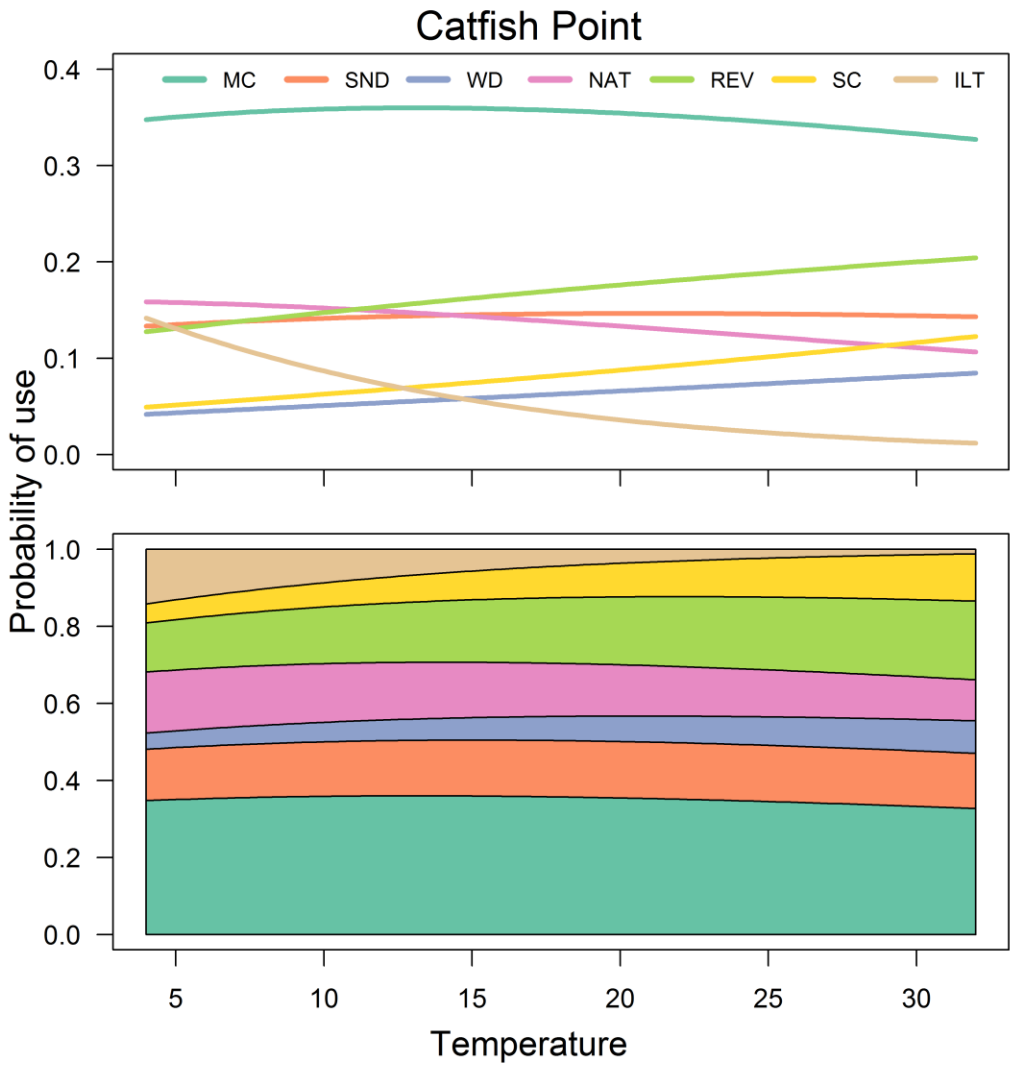

Figure 4. Predicted probability of habitat use at varying river temperature with river stage held at average. Predicted values for the Mississippi River segment located at Catfish Point. Top panel represents actual probabilities of use and bottom panel represents cumlative probabilities.

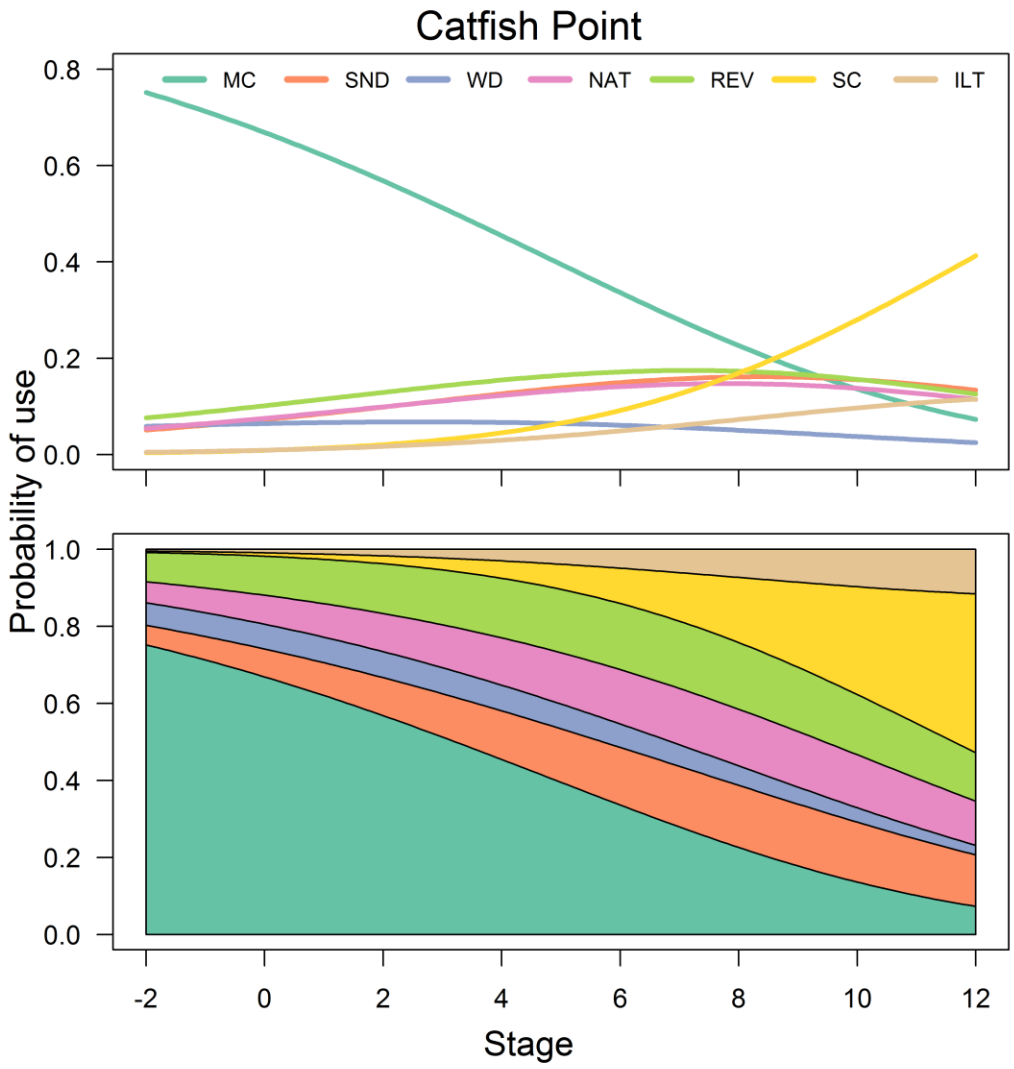

Figure 4. Predicted probability of habitat use at varying river stage with river temperature held at average. Predicted values for the Mississippi River segment located at Catfish Point. Top panel represents actual probabilities of use and bottom panel represents cumlative probabilities.

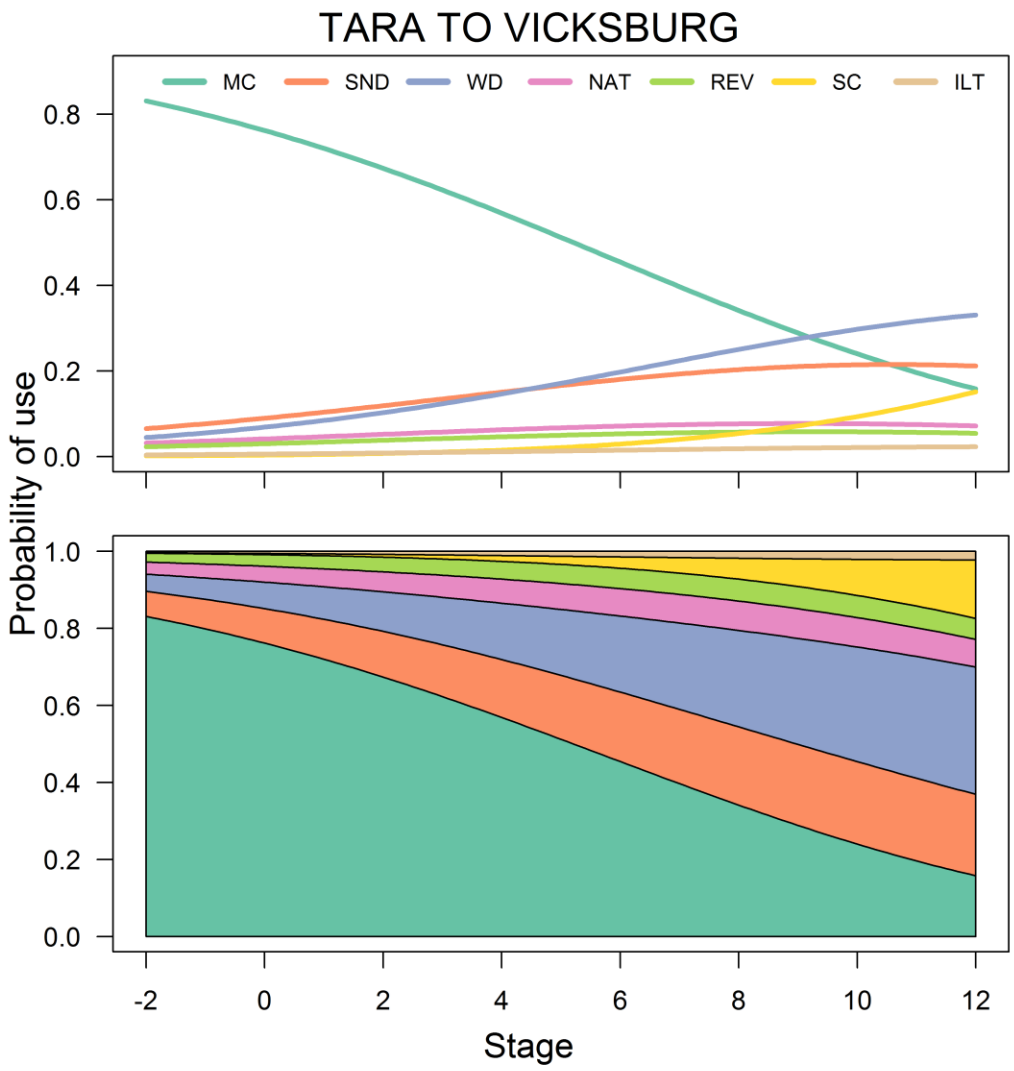

Figure 5. Predicted probability of habitat use at varying river temperature with river stage held at average. Predicted values for the Mississippi River segment from Tara to Vicksburg. Top panel represents actual probabilities of use and bottom panel represents cumlative probabilities.

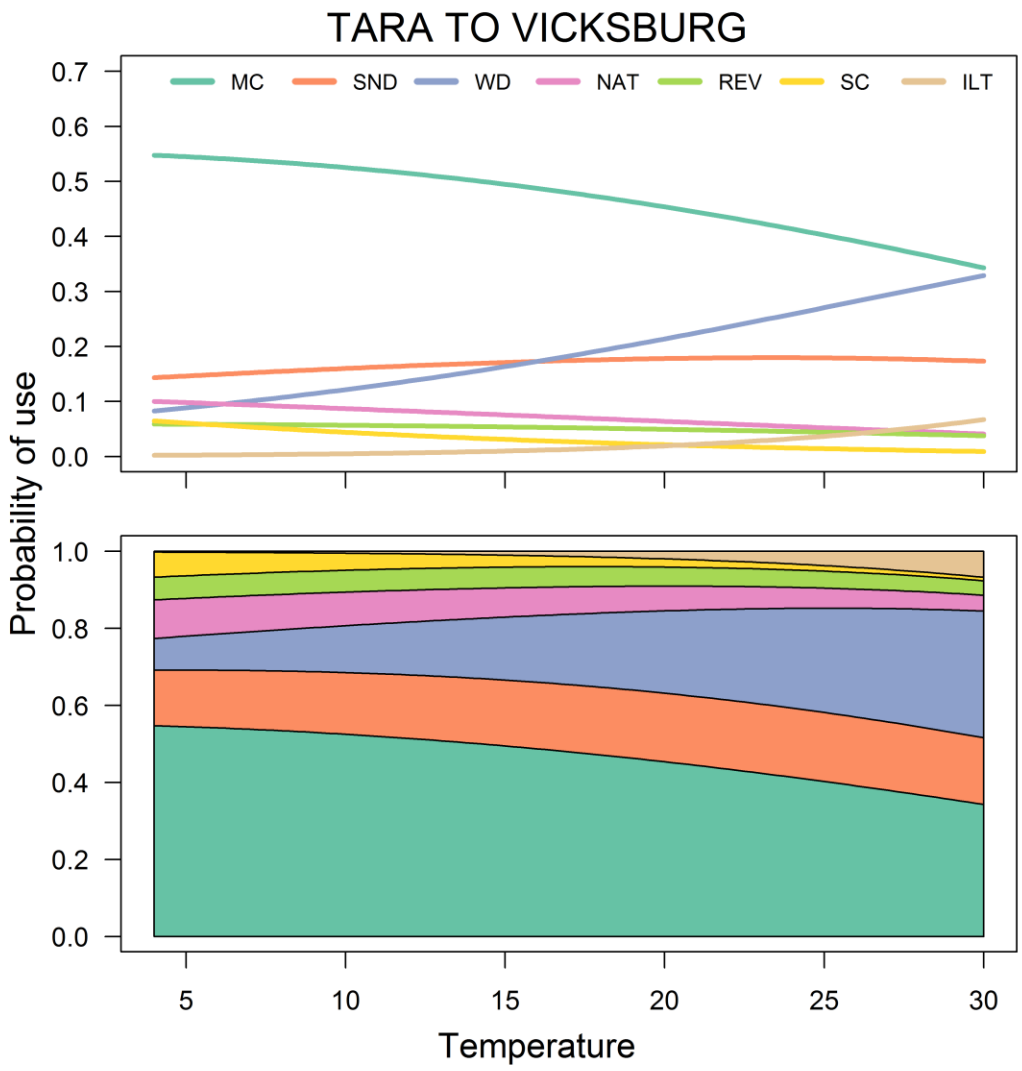

Figure 6. Predicted probability of habitat use at varying river stage with river temperature held at average. Predicted values for the Mississippi River segment from Tara to Vicksburg. Top panel represents actual probabilities of use and bottom panel represents cumlative probabilities.