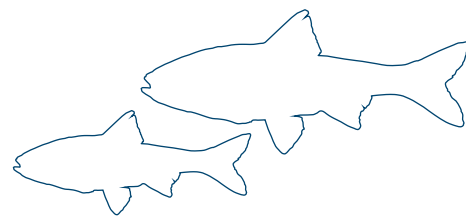
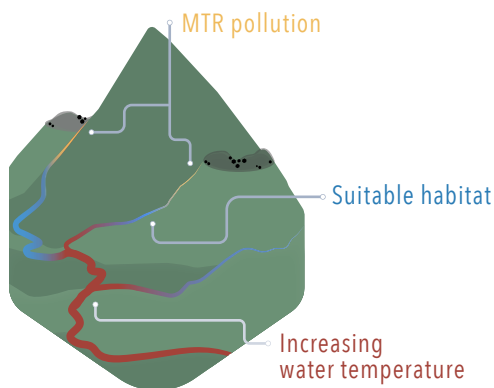


# Striped Shiner (*Luxilus chrysocephalus*)

## mid-century habitat predictions

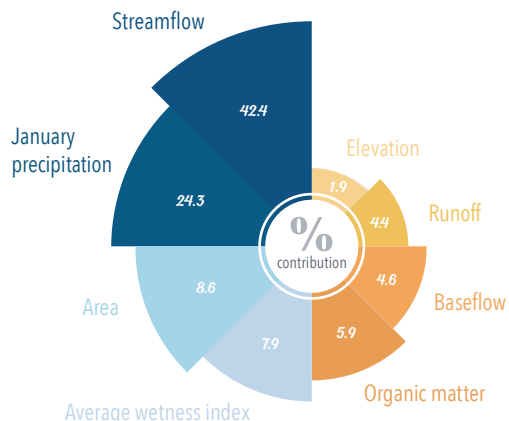


### THREATS

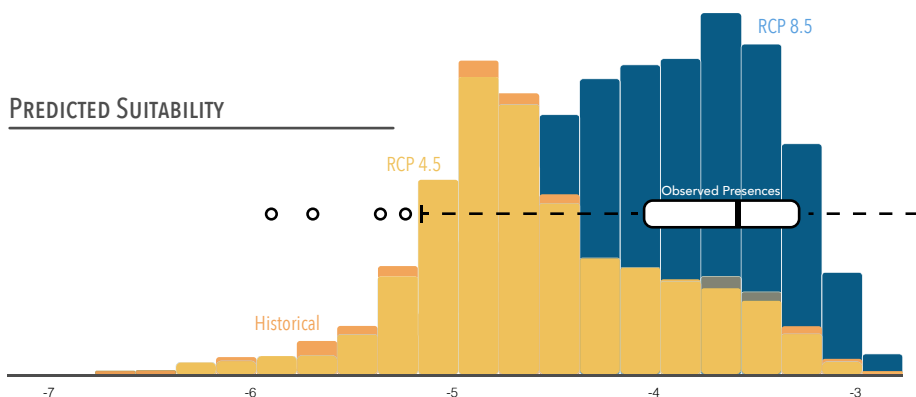


### COVARIATES

Variables included in MaxEnt species distribution model; streamflow was the best predictor of presence



### PREDICTED SUITABILITY



Distributions of MaxEnt raw scores within the MTR buffer, shown on a  $\log_{10}$  scale, for historical and mid-century climate data. The historical and RCP 4.5 distributions are nearly identical, suggesting that Striped Shiner habitat will not change under RCP 4.5 conditions. However, habitat suitability may increase substantially under RCP 8.5. Note that the historically observed range of MaxEnt raw scores at sites of known occurrence (white box plot) closely matches the projected distribution of RCP 8.5 raw scores.

### SHIFTS IN SUITABILITY

Within MTR buffer, percent change in suitability among future scenarios, relative to historical scenario



### HABITAT SUITABILITY WITHIN MTR BUFFER

