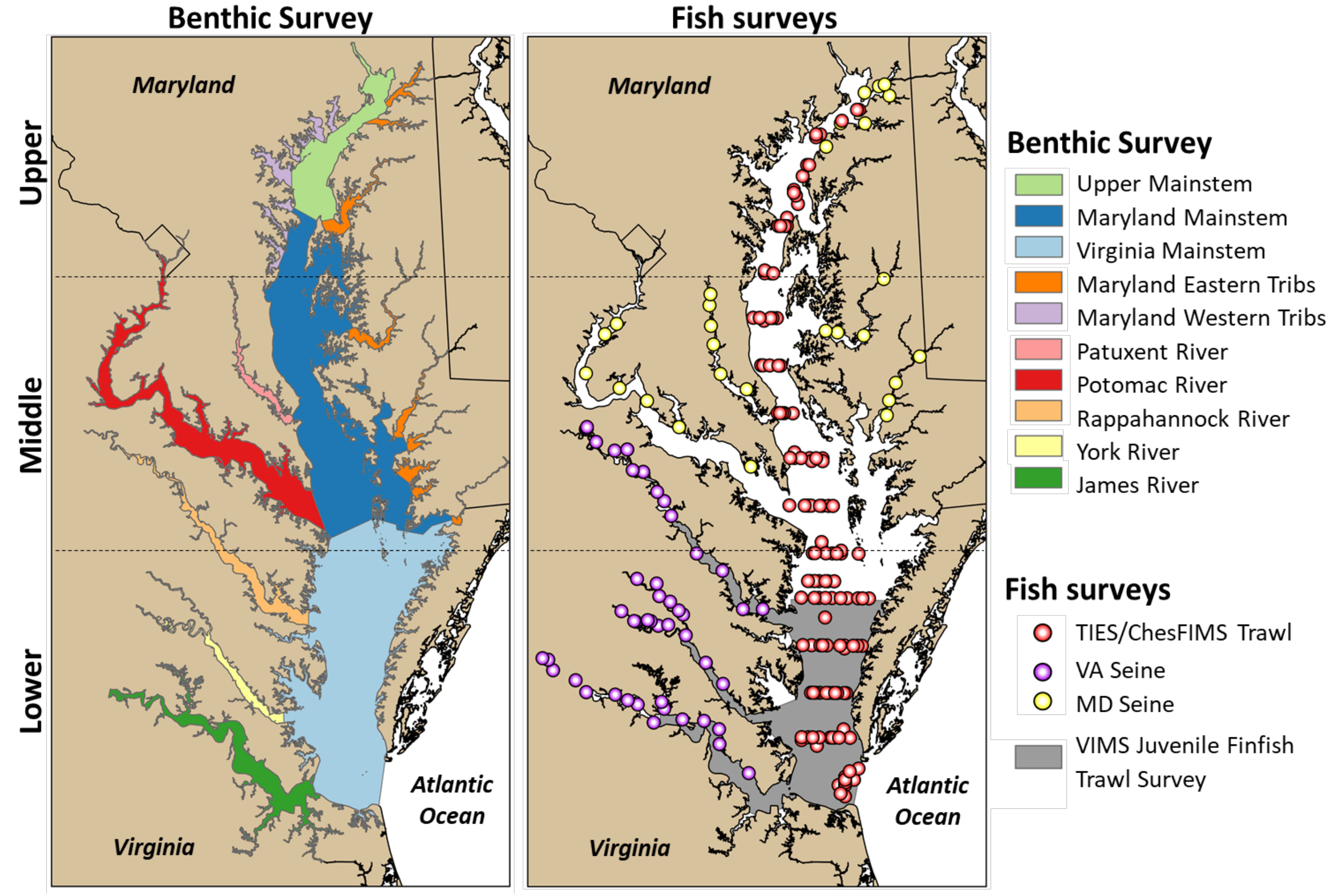
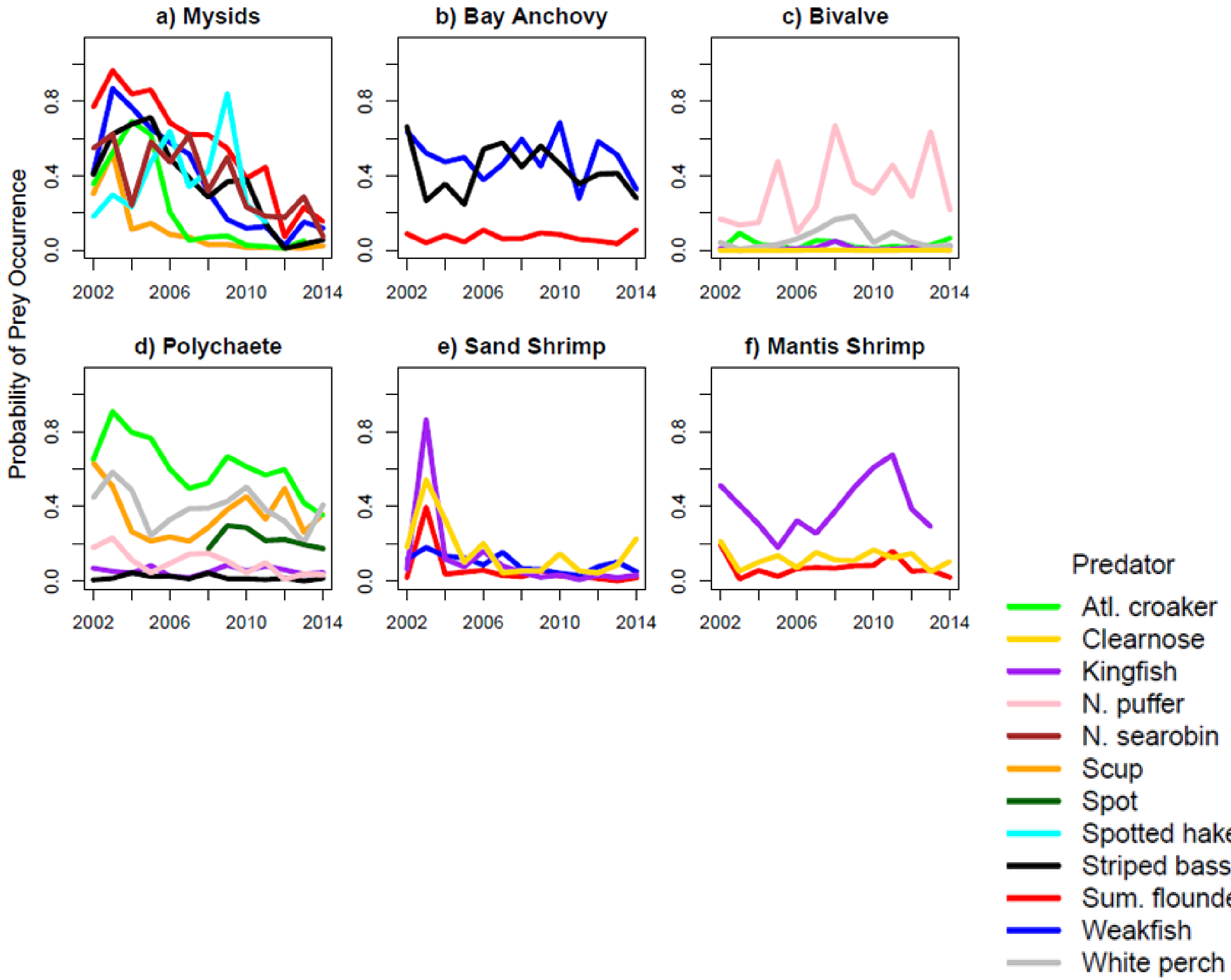
Forage Action Team



Forage Action Team – CBT funded research

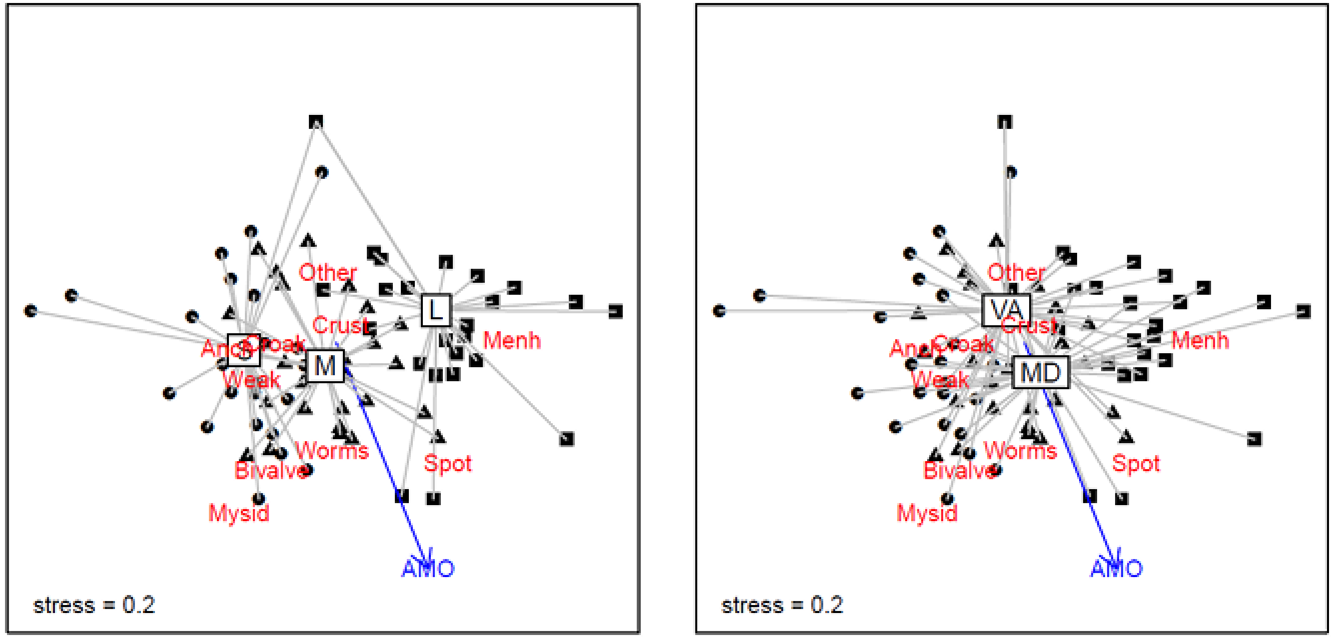
- Forage Fish Indicator/Metric Development (2016)
  - Some forage fish CPUE correlated on decadal scales (alternative ecosystem states or broad-scale environmental drivers?)
  - high degree of interannual variability that likely influences predator feeding
  - total consumption by six predator fish ↓>10x primarily due to ↓ abundances of predators



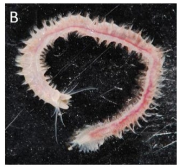
Forage Action Team – CBT funded research

- Drivers of Forage Population Trends and Consumption Patterns (2018)
  - Forage relative interannual abundances covaried with winter-spring discharge, vernal warming, and Atlantic Multidecadal Oscillation (AMO)
  - Predator diets differed between Maryland and Virginia portions of the mainstem
  - Predator diet correlated with environmental variables (particularly AMO) & per capita consumption has declined for several predators (unclear why)

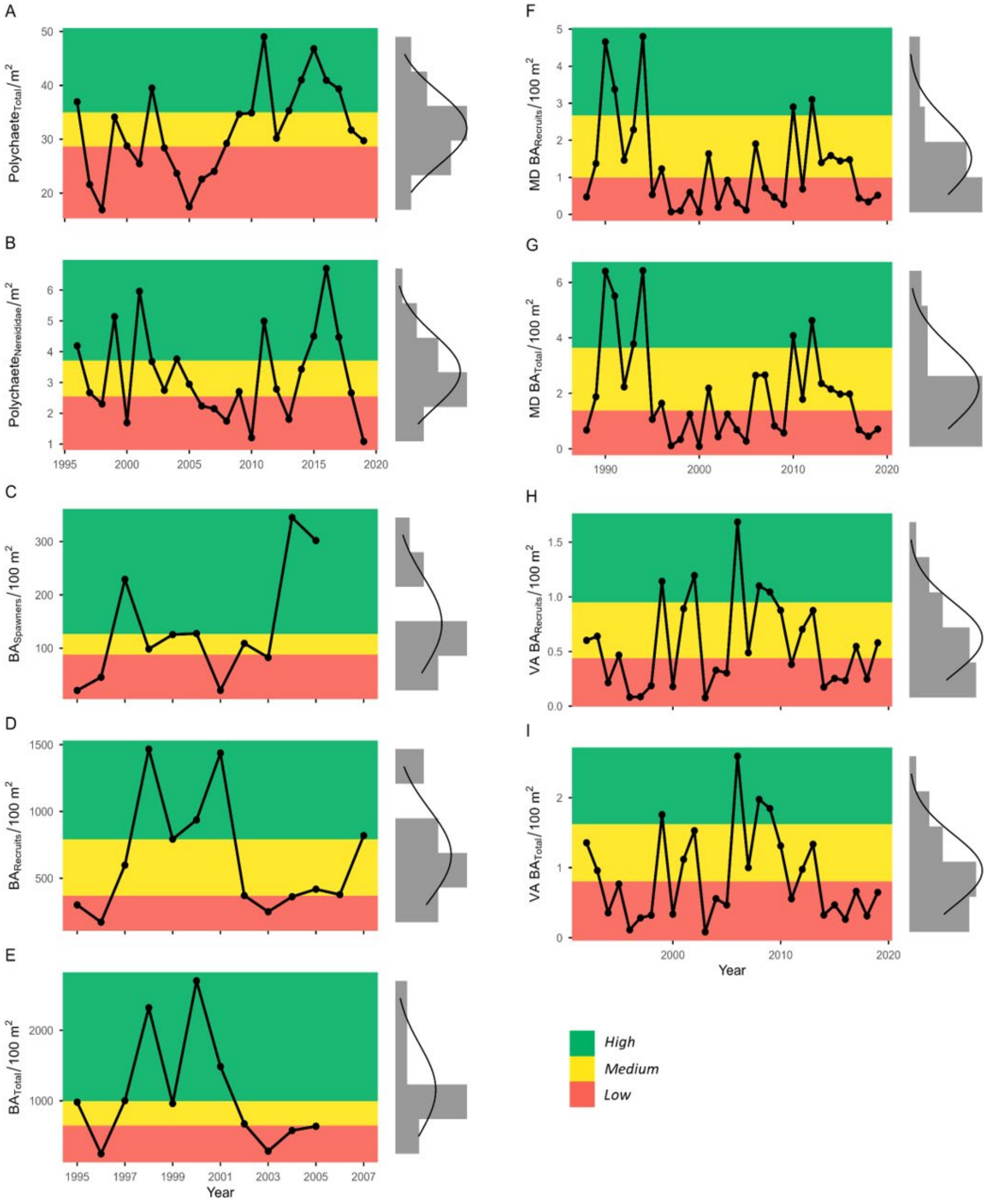
Figure 15.



Forage Action Team – CBT funded research



- Forage Indicator Development Using Environmental Drivers to Assess Forage Status (2022)
  - Survey- and life-history dependent patterns within forage taxa
  - Forage-Climate models show non-linear relationships between forage and climate indicators
  - Stop-light classification scheme (High, Medium, Low) a potential option for management consideration



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