

# Wetland management decisions alter vegetation characteristics across the Somerset Levels



**Tier 3:** Permanently raised water level and reduced agricultural intensity



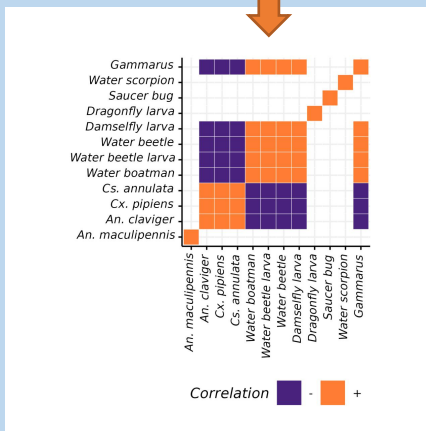
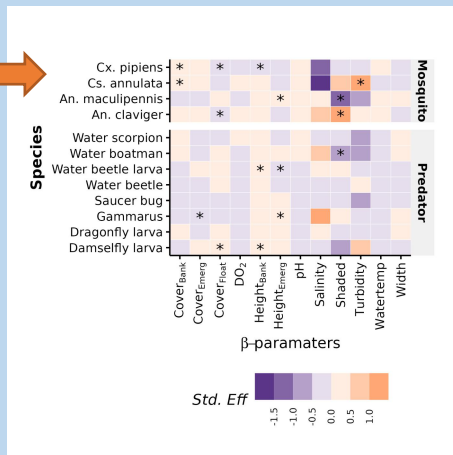
**Tier 1:** Drained water levels and normal agricultural intensity

## Impact of Vegetation

Management tiers impacts vegetation characteristics of environment and influences mosquito and insect predator occurrence.

## Impact of Predators

After accounting for environmental preferences, predators also discourage mosquito occurrence.



## Results

Raised water levels increases open habitat structure, which is more suitable for *An. Maculipennis*.

Drained water levels increases shady habitats suitable for *Cx. Pipiens* and *An. claviger*.