Benthic Beasts: The Ecological Significance of the Lake Sturgeon and Blue Catfish in Eastern Appalachian River Systems.

By Stewart Thacker





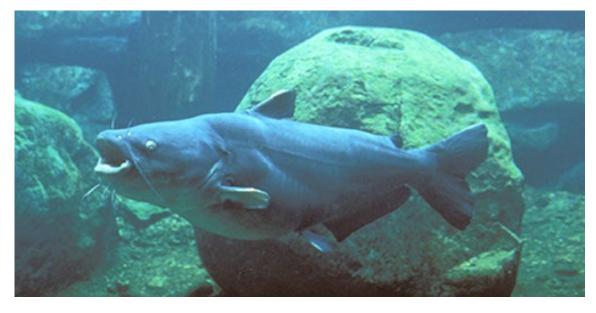


What is Benthic?

- Benthic simply put means "bottom."
- Bottom Feeders
 - Catfish
 - Carp
 - Sturgeon
- This is mainly misconstrued with them inhabiting the bottom while feeding partially on the bottom. So, why all the fuss?







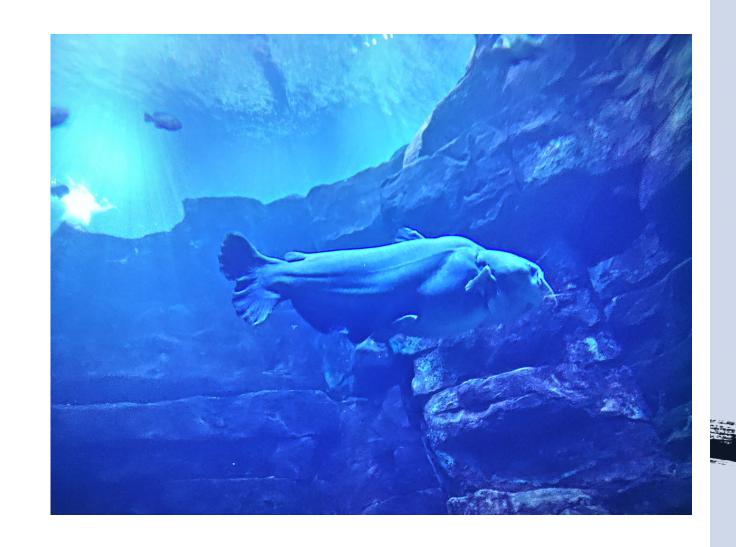


- Sturgeon are benthivores
- Sturgeon diet consists of feeding mostly on small invertebrates such as insect larvae, crayfish, snails, clams and leeches.
- As well as detritus and similar waste products.
- As shown in this photograph Sturgeon posses inferior mouths which are optimal for feeding directly off the substrait
- This means they are a primary regulator of biowaste and smaller organisms that are often avoided by photic and euphotic dwelling species.

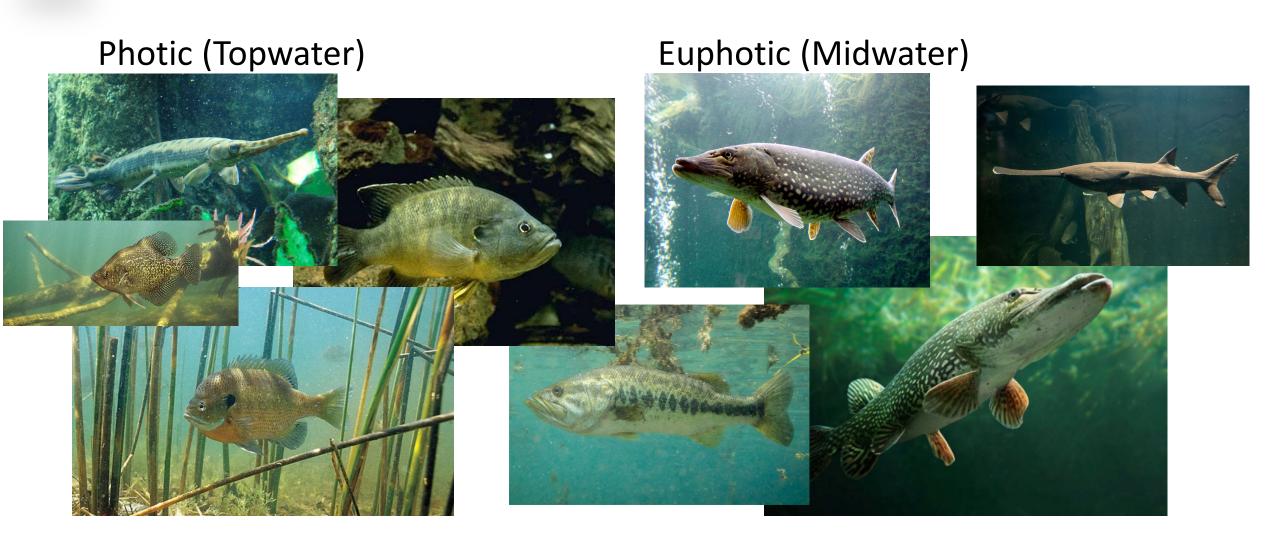


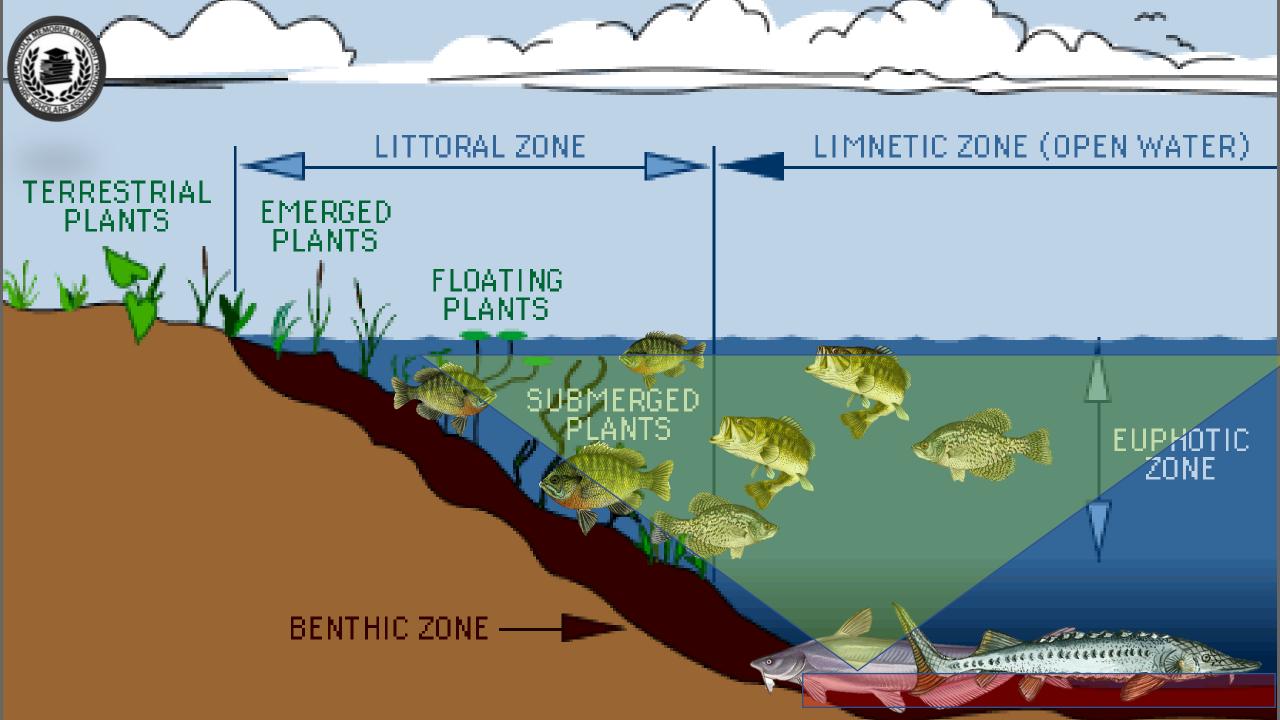


- Blue Catfish are opportunistic/generalist feeders.
- Blue Catfish diet is described as "anything that can fit in their mouths."
- This means that they regulate all levels of the water column.
 Species control is their primary role within the waterbody



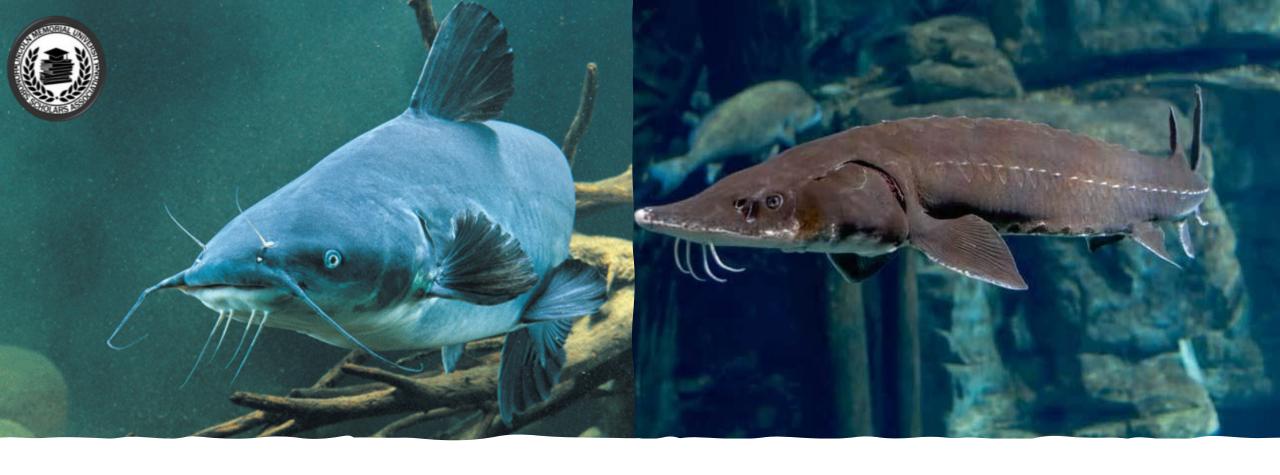
The Water Columns Other Predators











Questions?