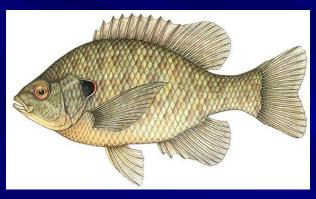
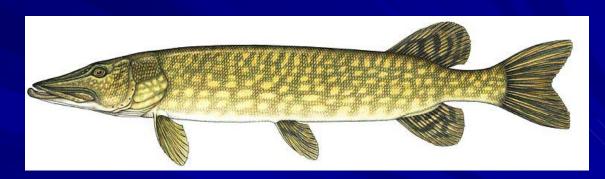
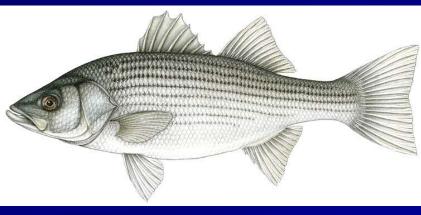
Ecomorphology

Relationships between morphology and life history









Ecomorphology

Studying morphology and how it relates to ecology

Insight into Niche partitioning

Ecomorphology

Swimming ability & habitat

Trophic ecomorphology

Anti-predation anatomy

Swimming ability

Body shape

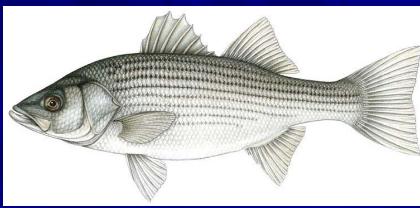
Dorsal/anal Fin placement and length

Caudal fin

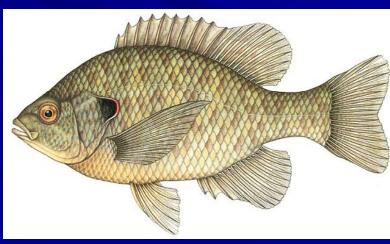
Keeled body

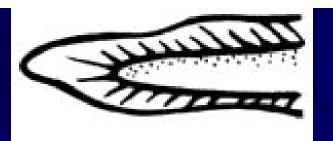
Swimming ability

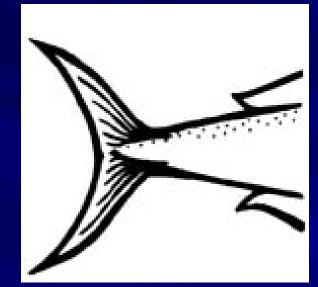


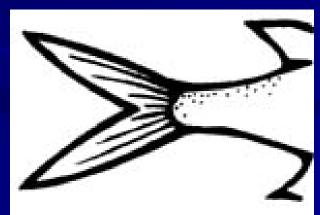


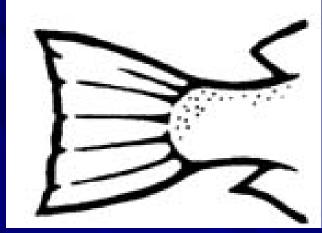


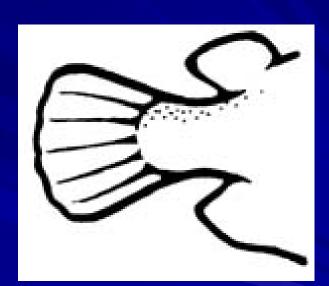








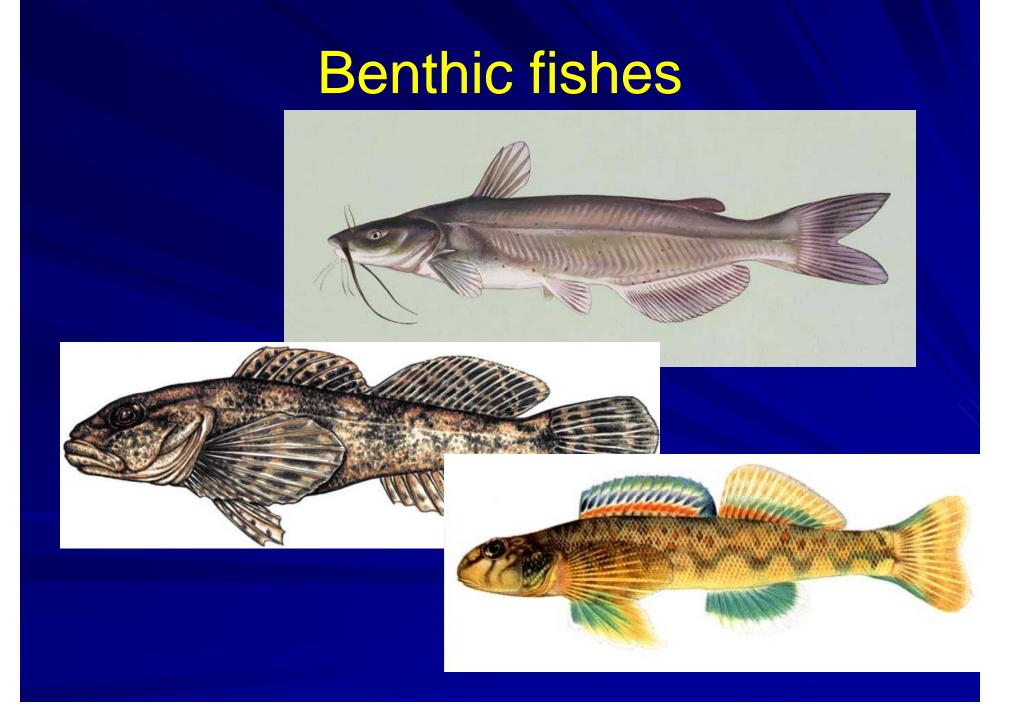




Habitat preference

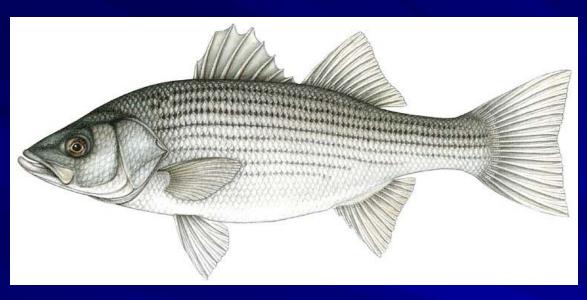
- Where in the water column a fish lives
 - Benthic
 - Mid-water
 - Top-water
- What type of general habitat
 - Lentic Low current, lakes & ponds
 - Lotic Moving water, streams & rivers

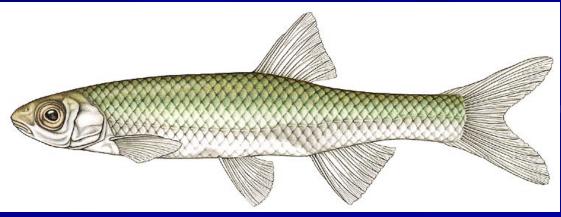
Benthic Fishes





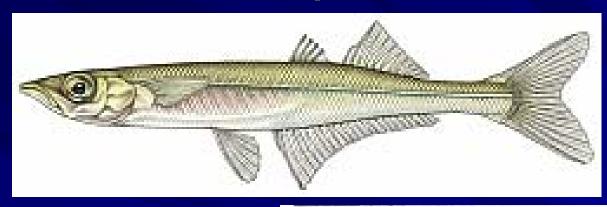
Mid-water fishes

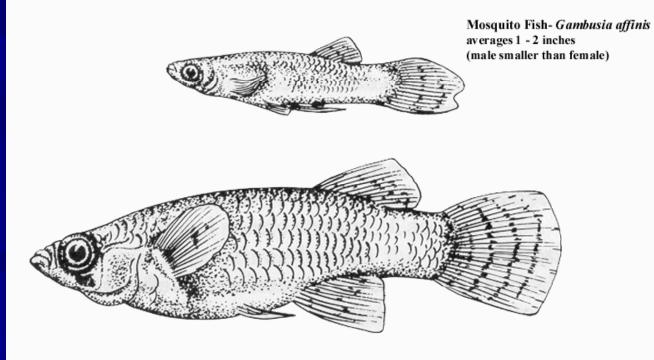






Top-water fishes





Trophic ecomorphology

Gill rakers

Mouth

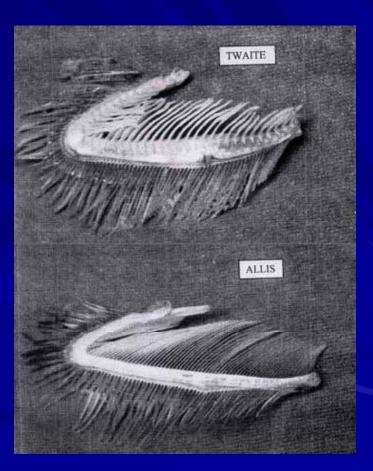
Pharyngeal teeth

Swimming ability

Gill Rakers







Mouth size









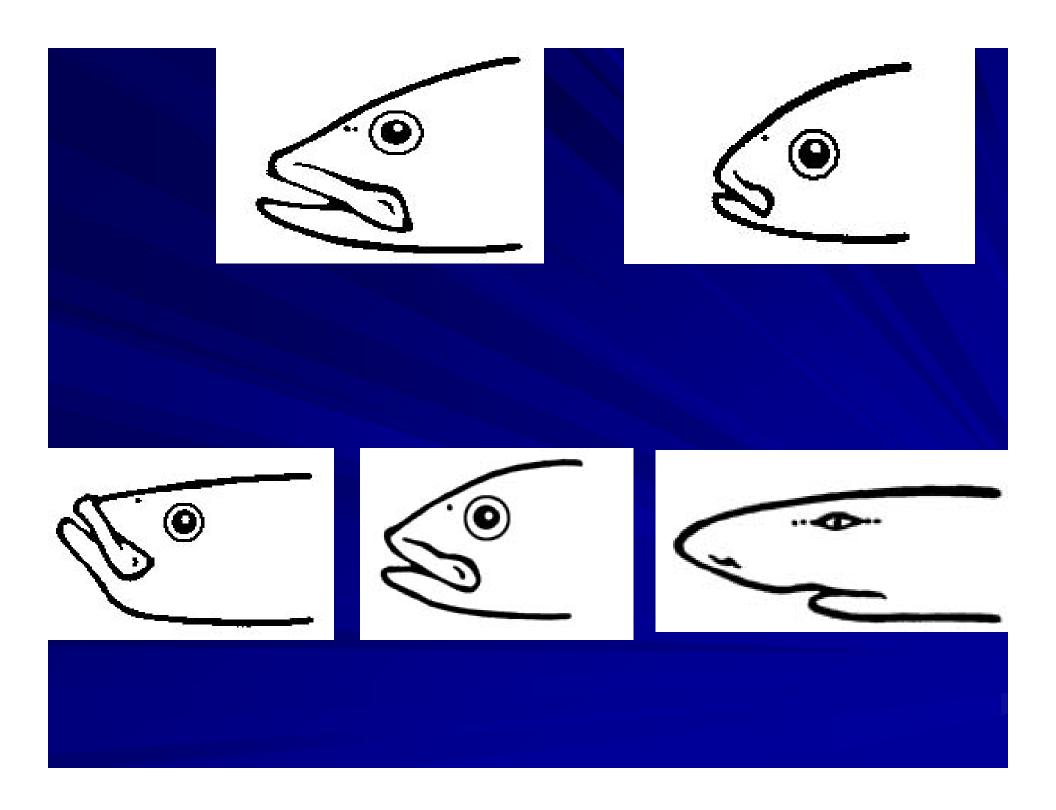
Mouth structure













Anti-predation morphology

