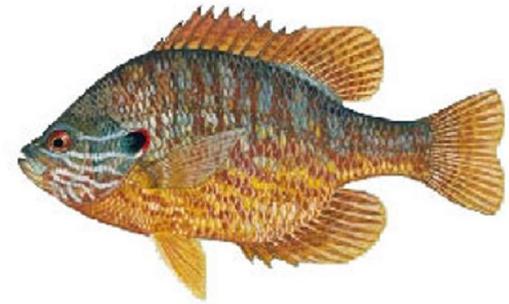
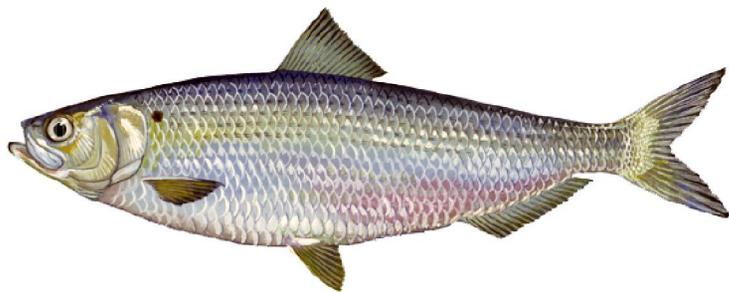


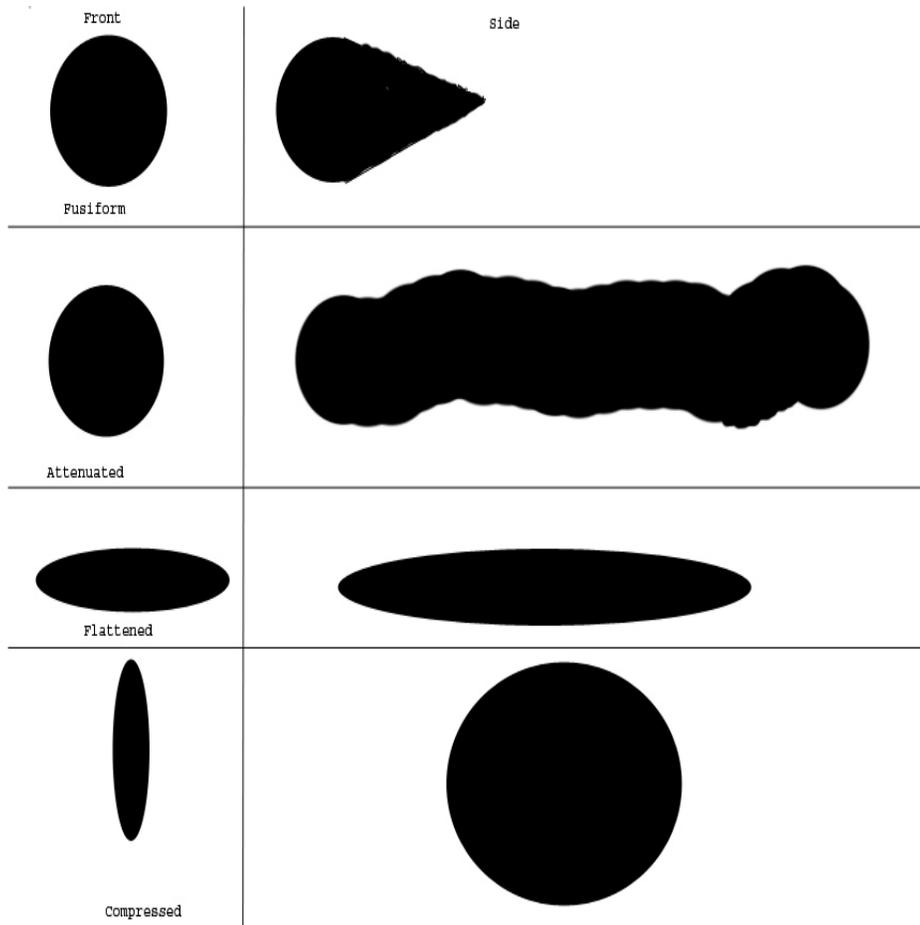


Fish Identification for Common Fish Species of Rock Creek Park



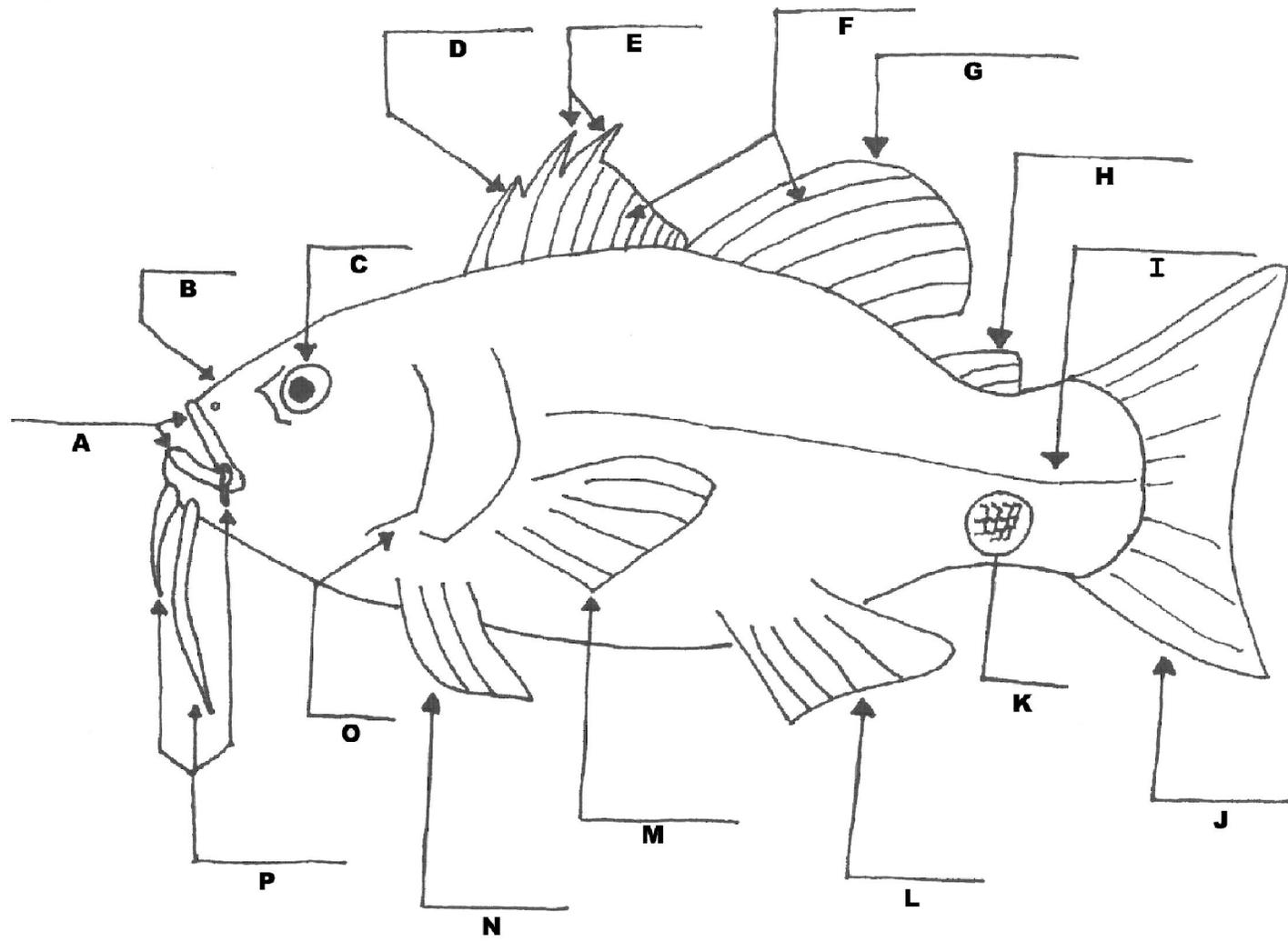
Body Shape

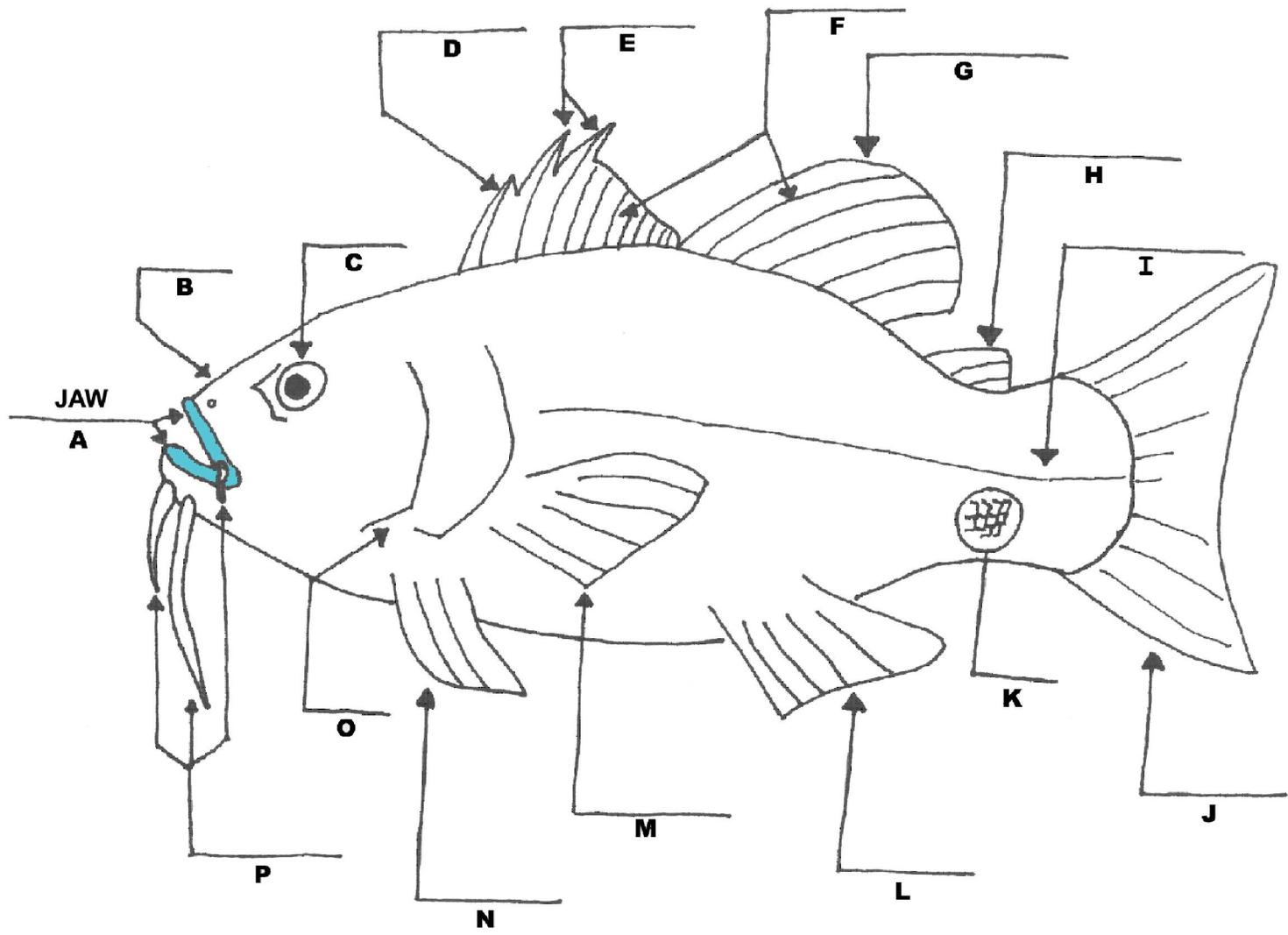
4 Basic Body Shapes



- Fusiform
- Attenuated
- Flattened
- Compressed

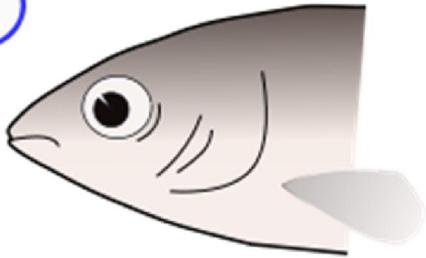
Fish Anatomy 101



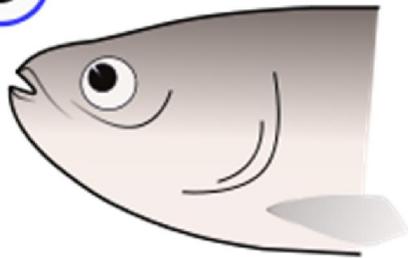


Jaw and Mouth Forms

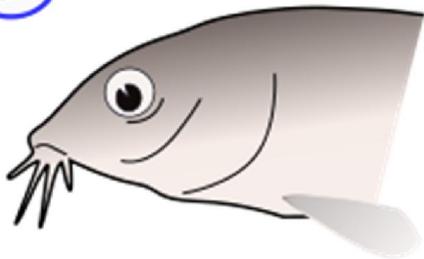
a



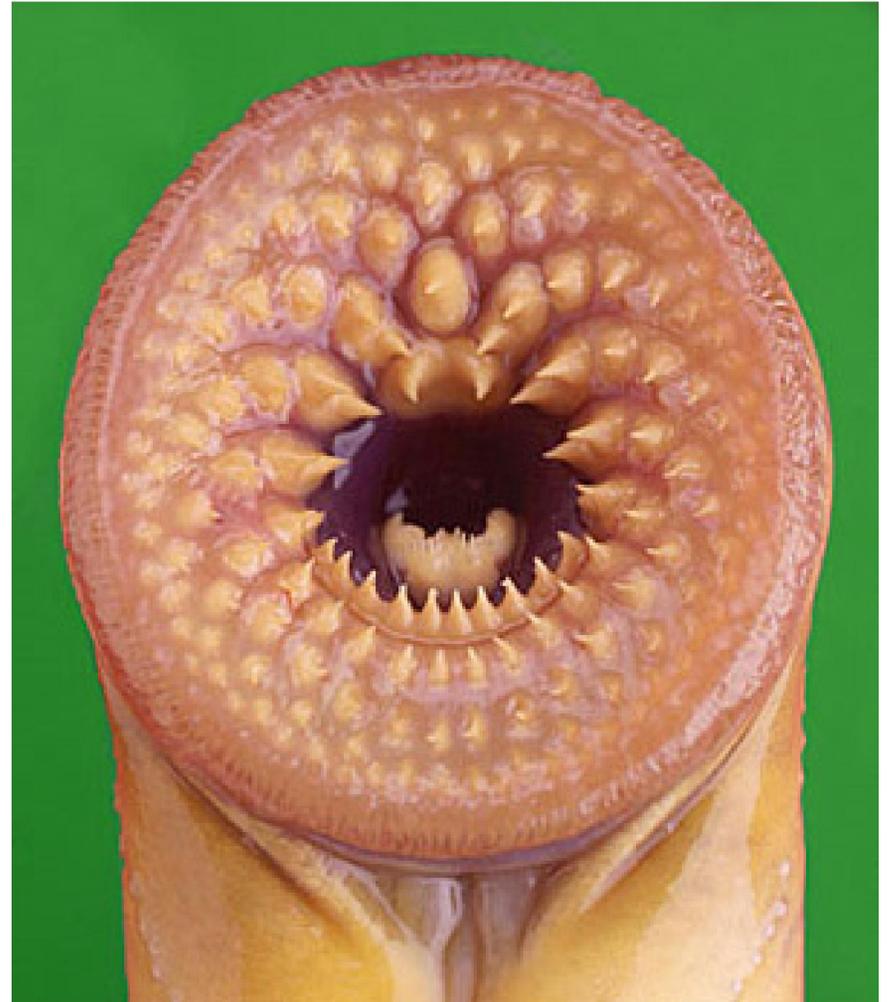
b

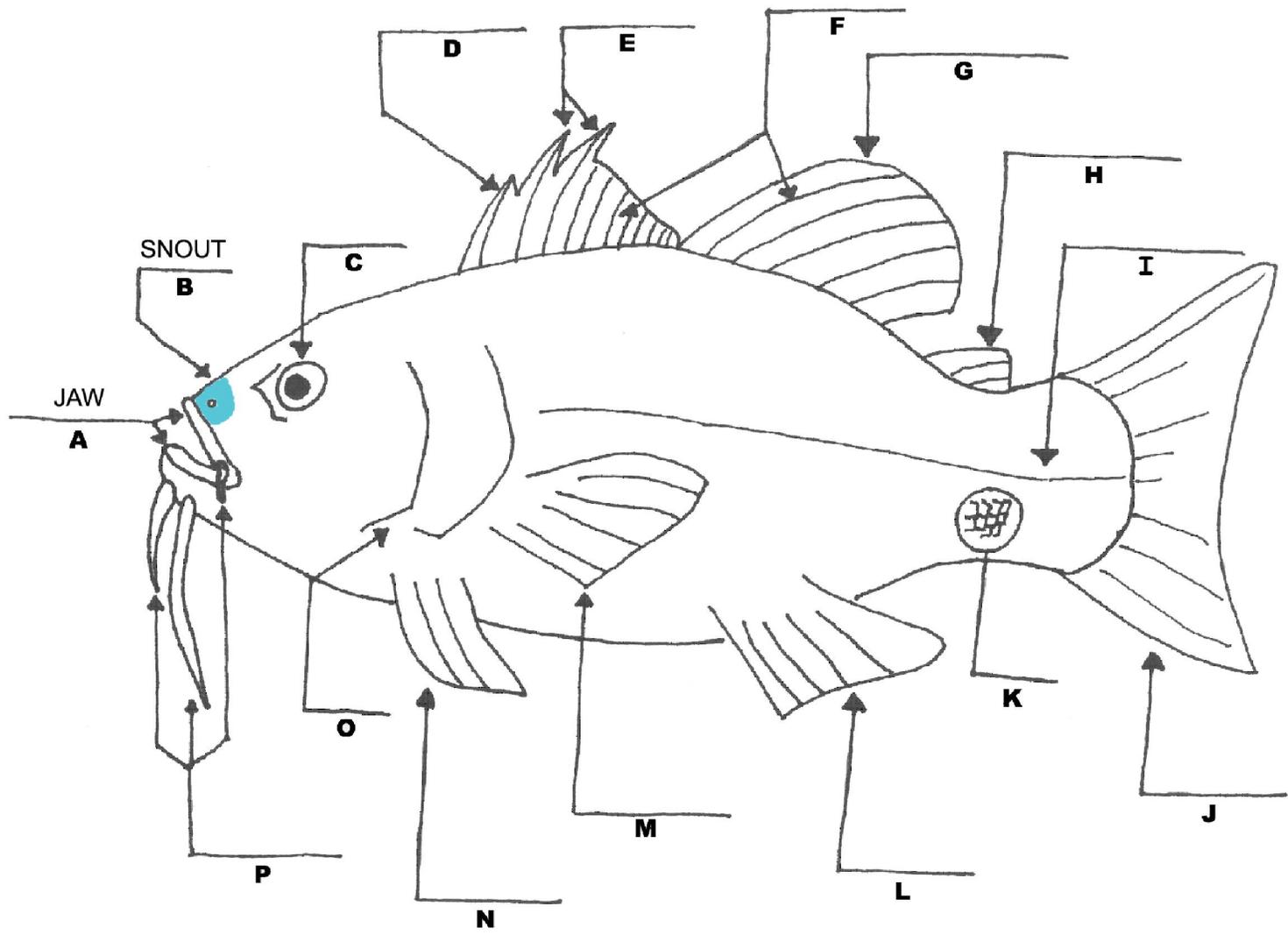


c



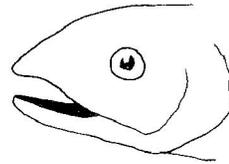
d



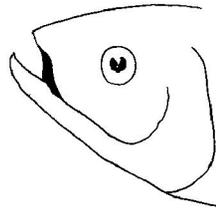


Snout Shape

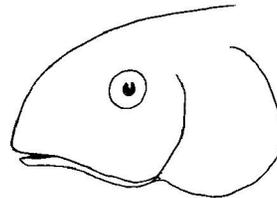
a

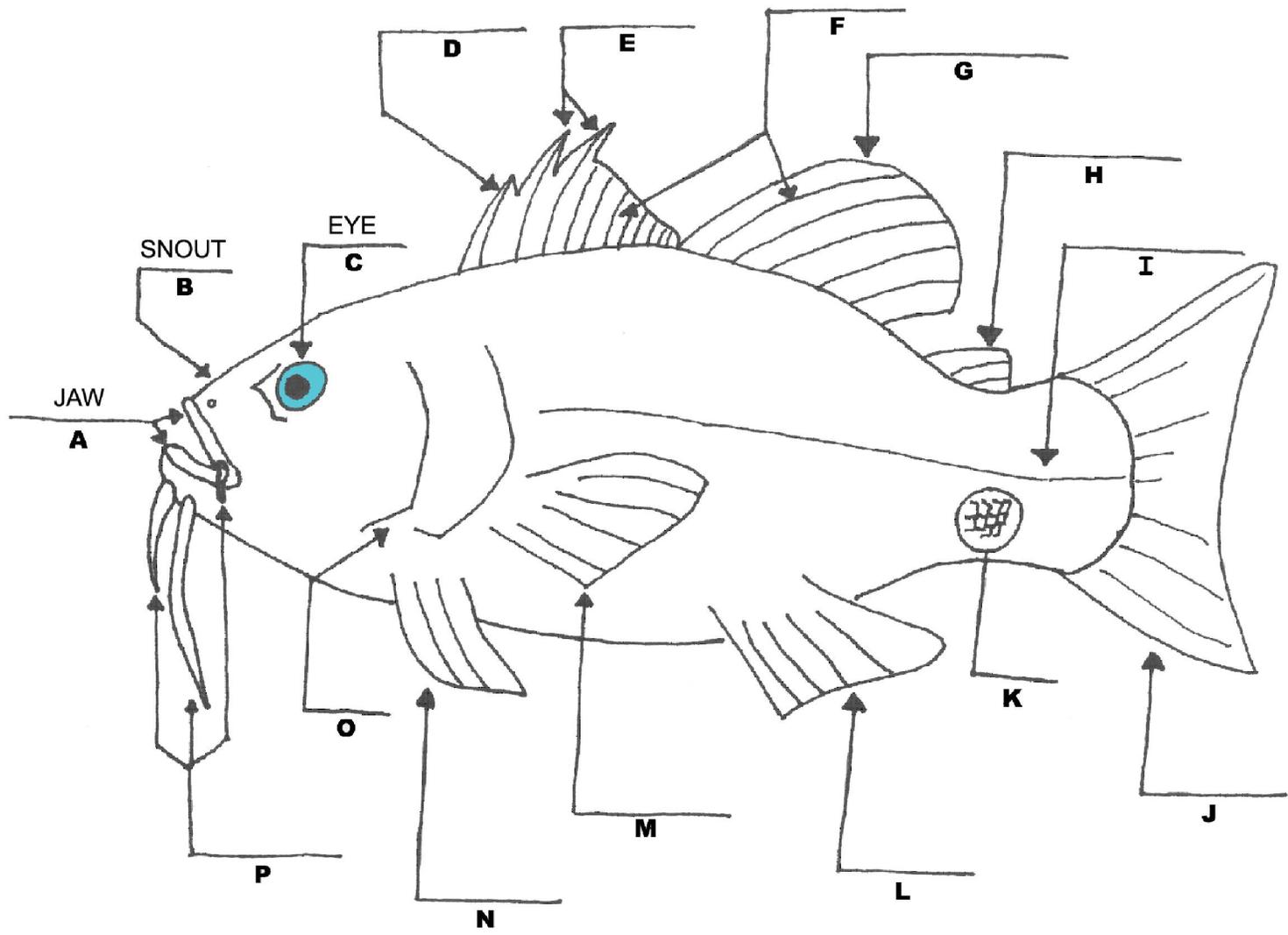


b



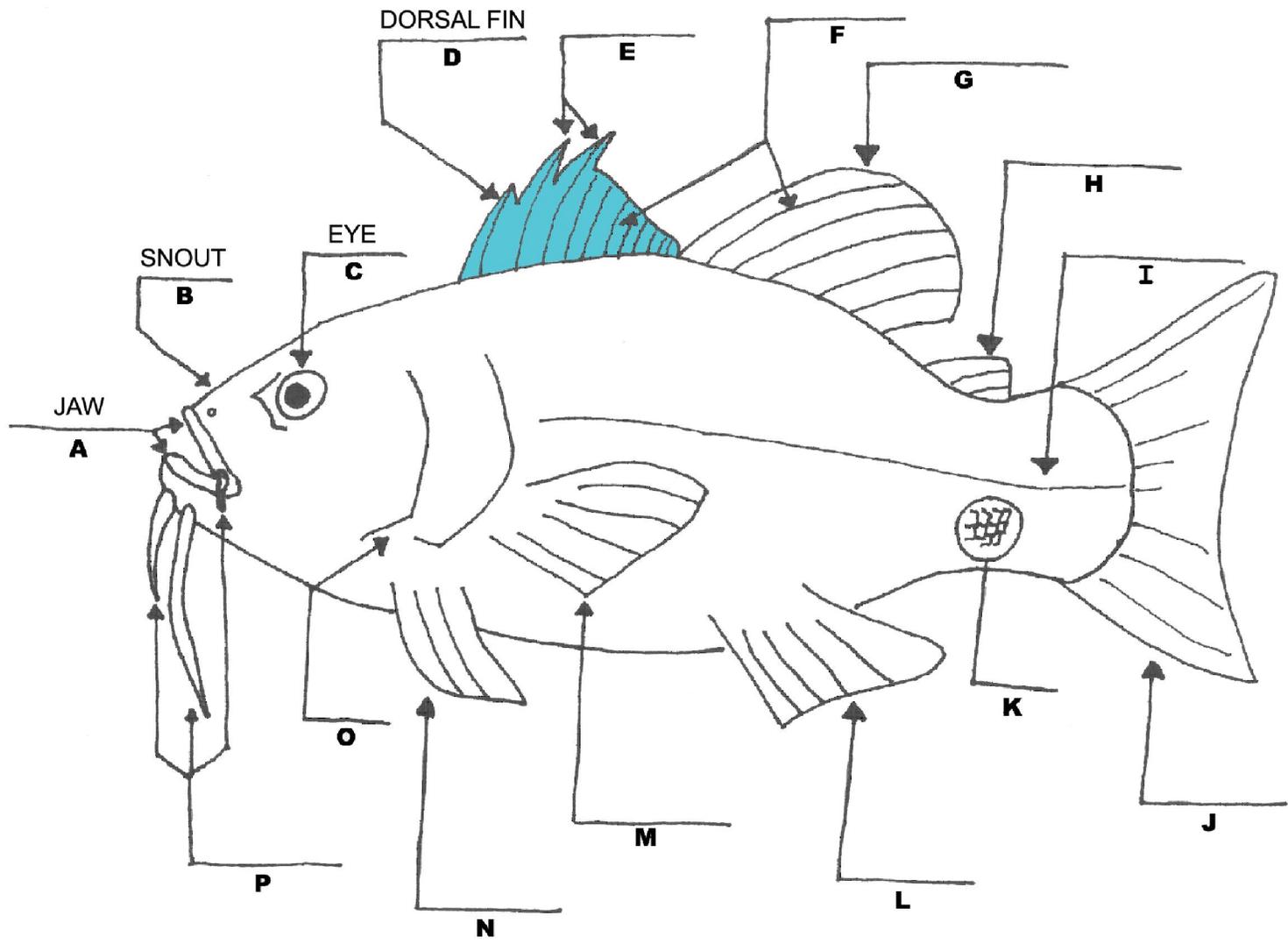
c



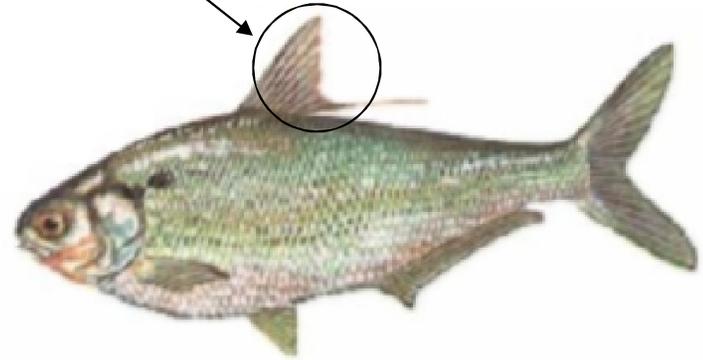
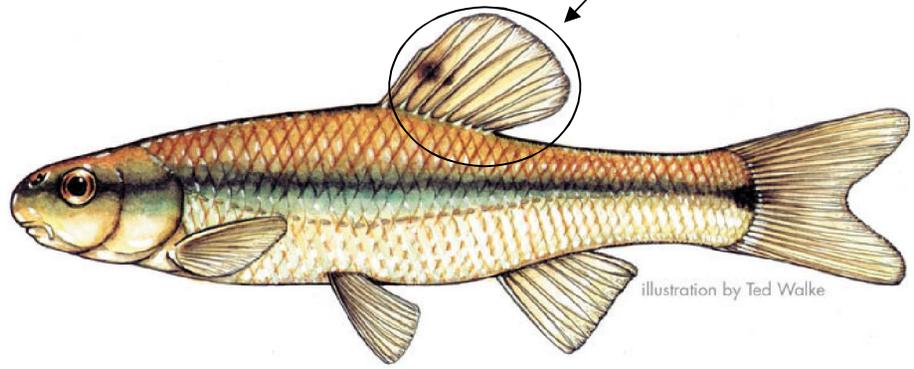


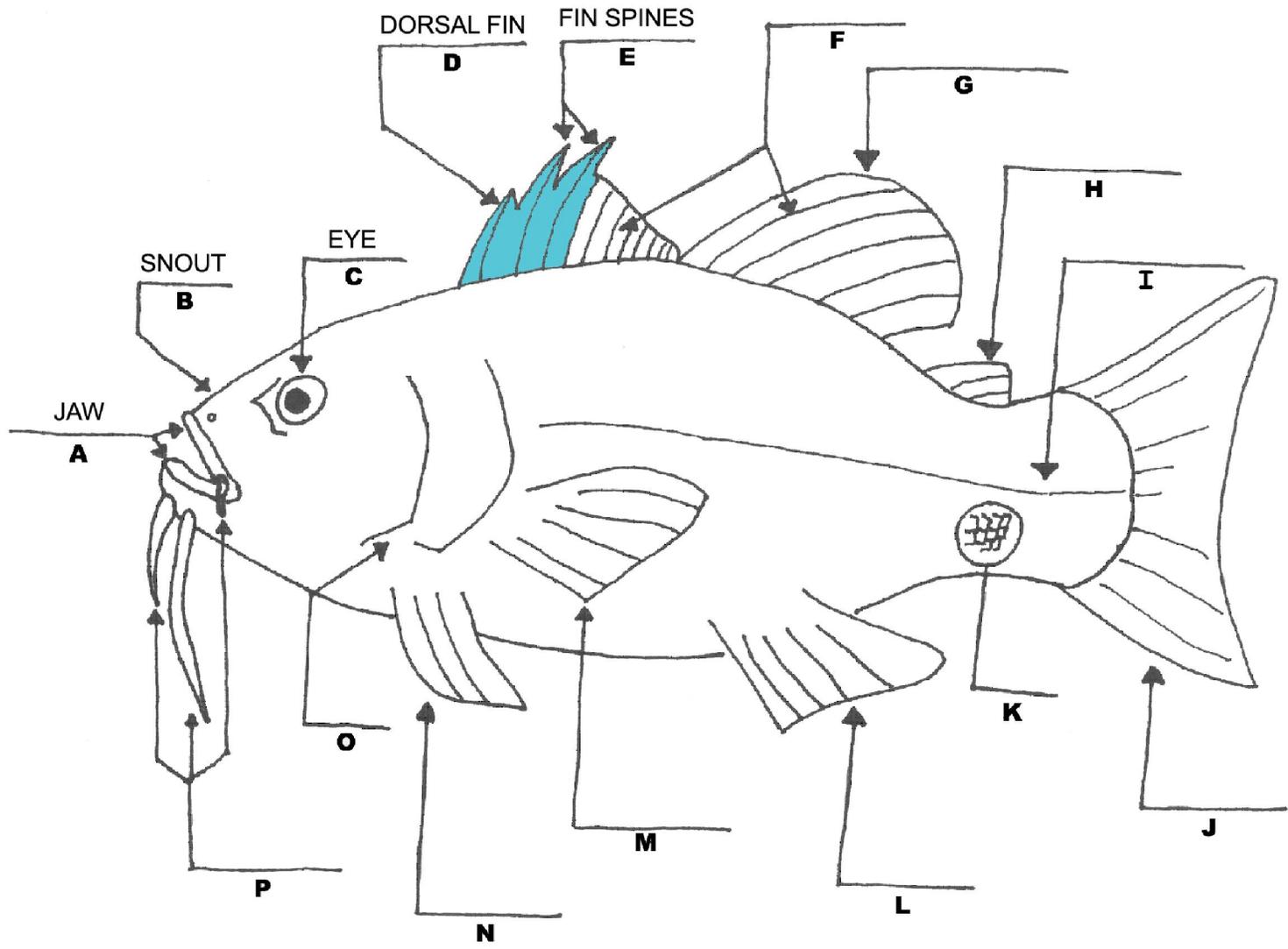
Eye Size To Body Size





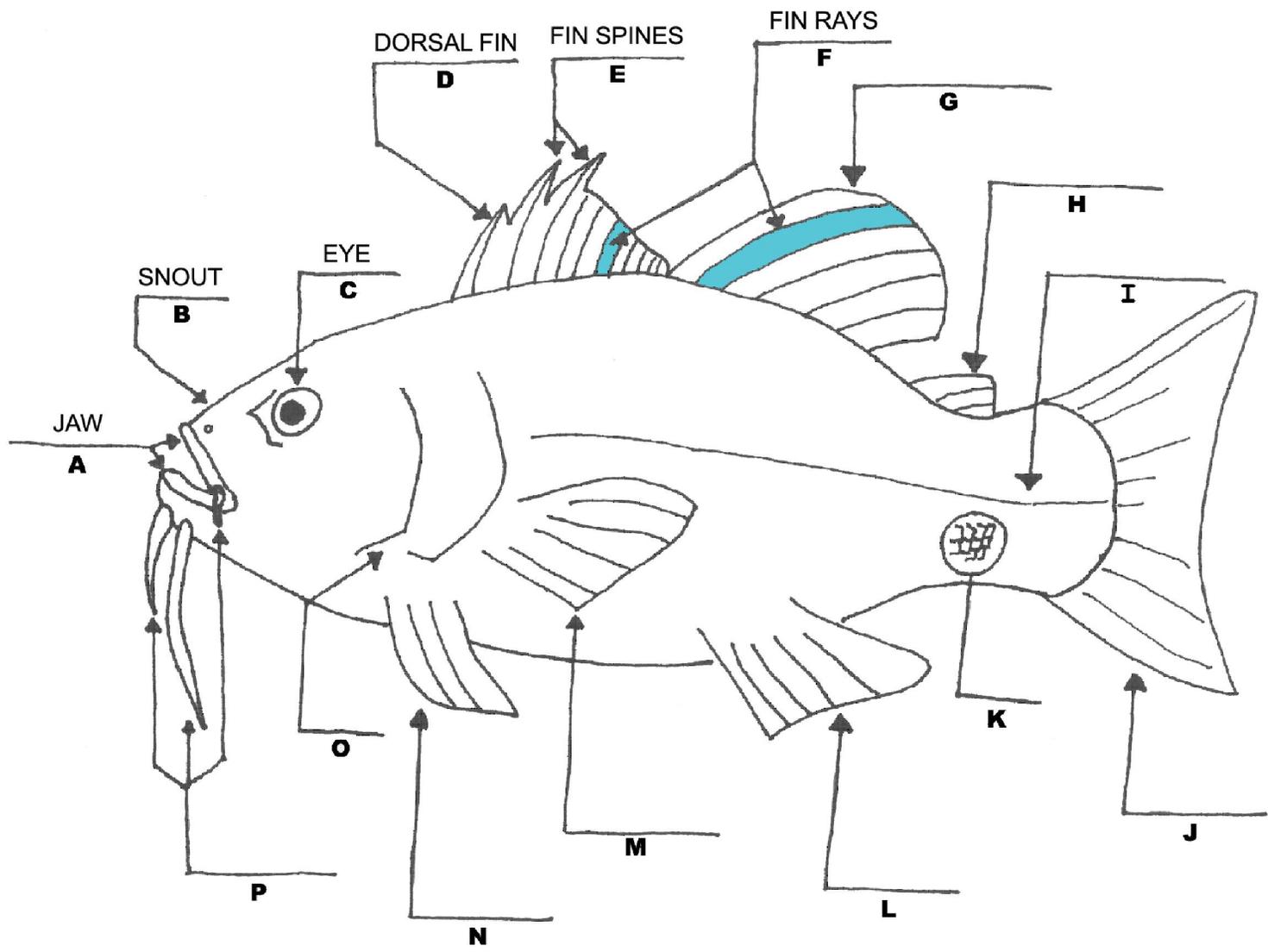
Dorsal Fins



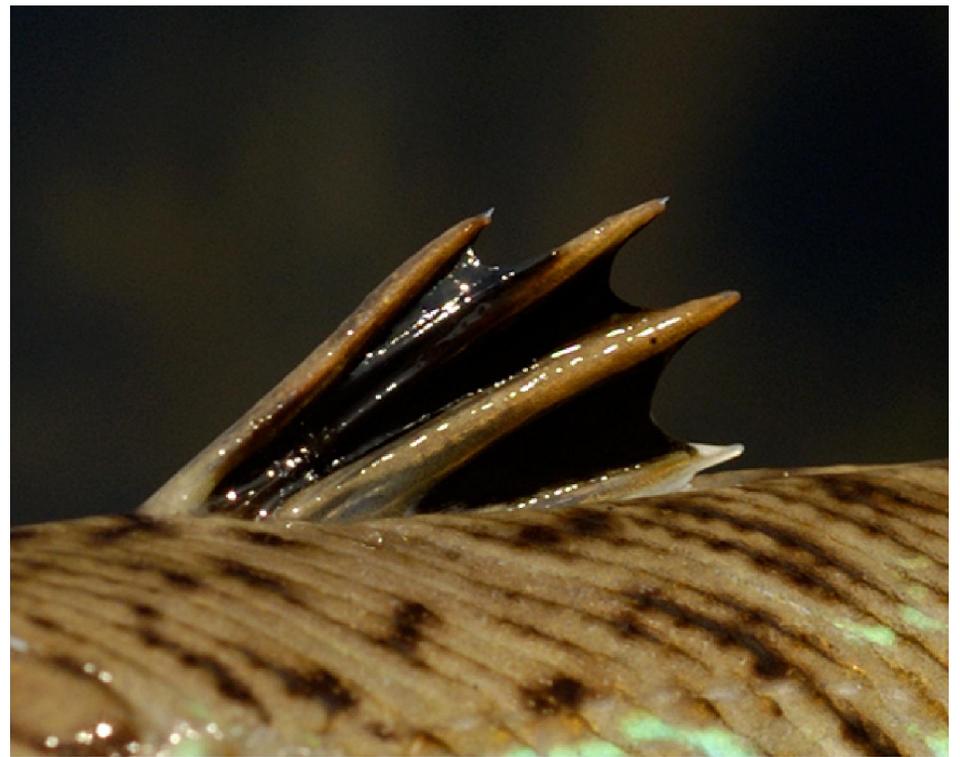
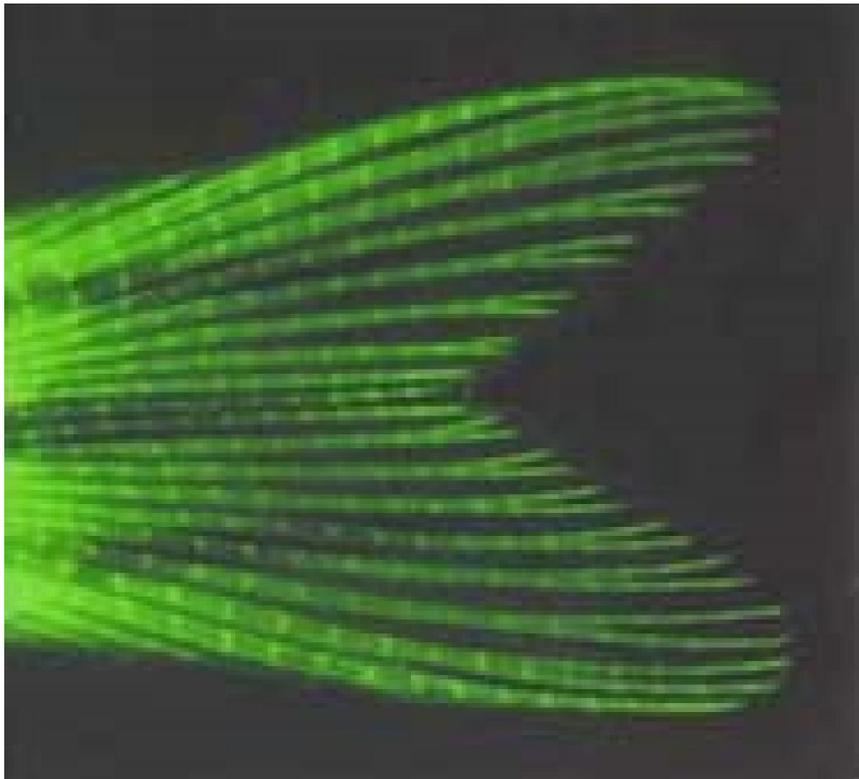


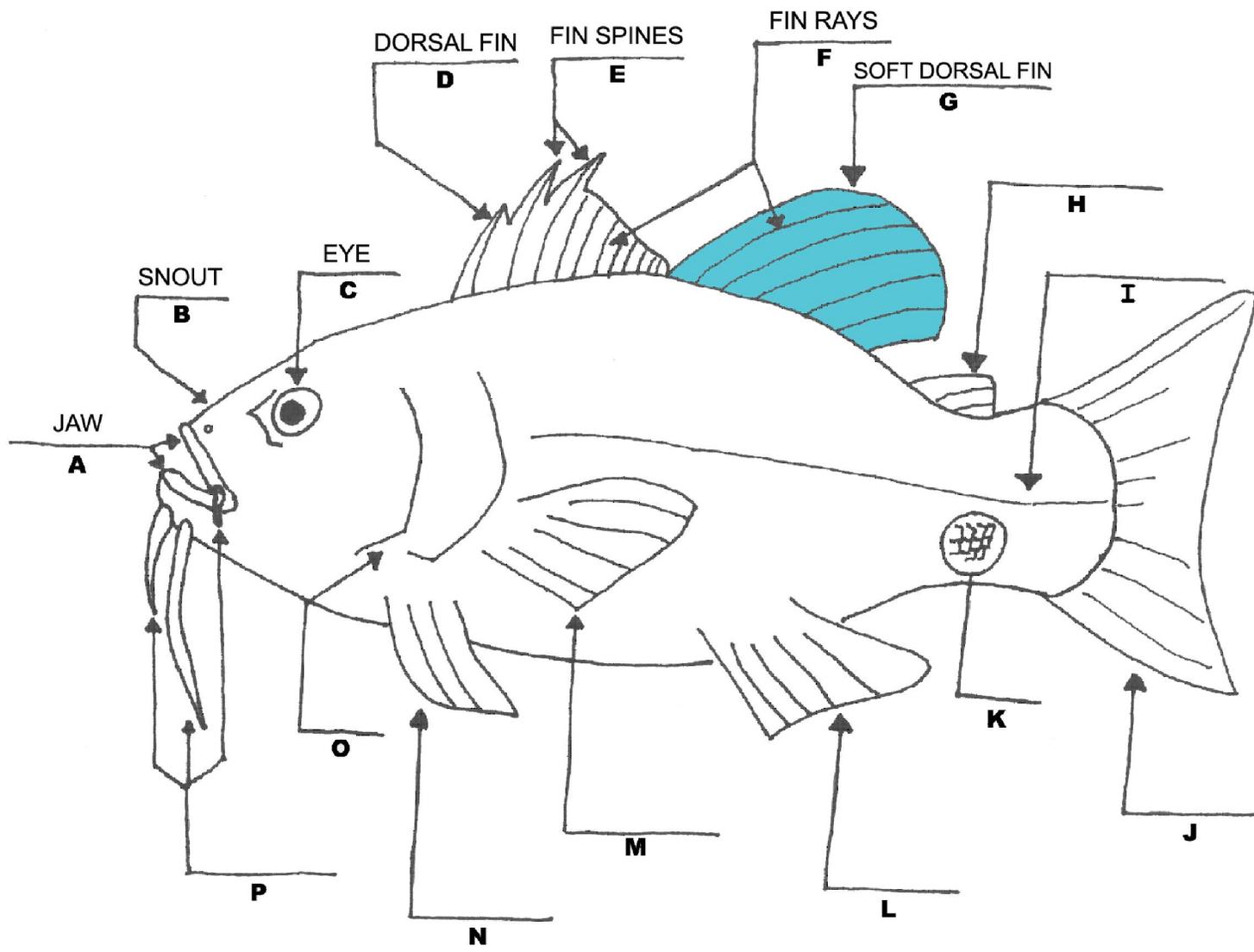
Fin Spines



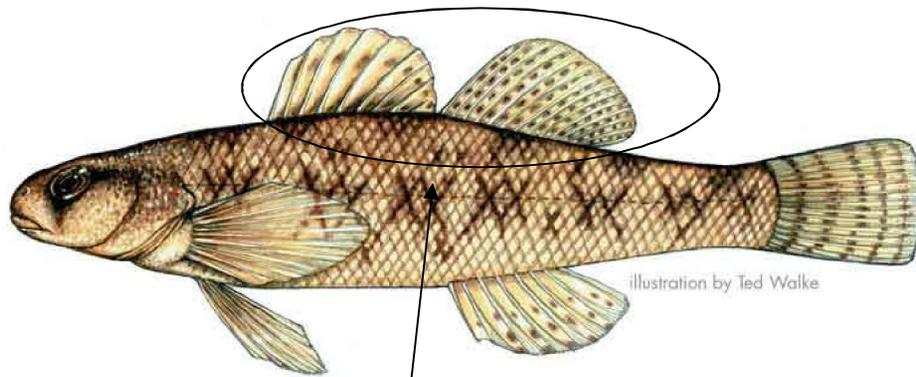


Fin Rays



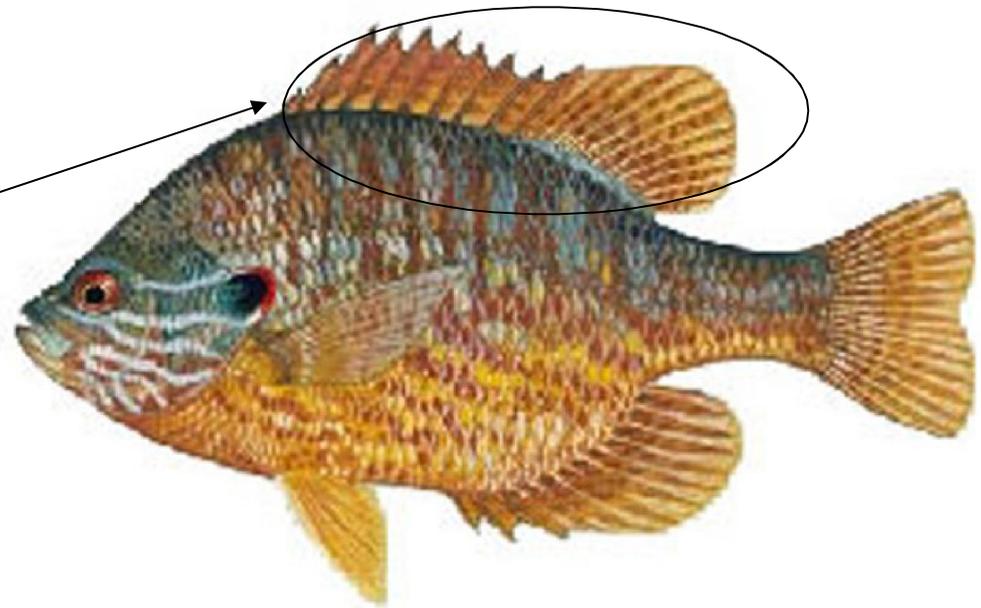


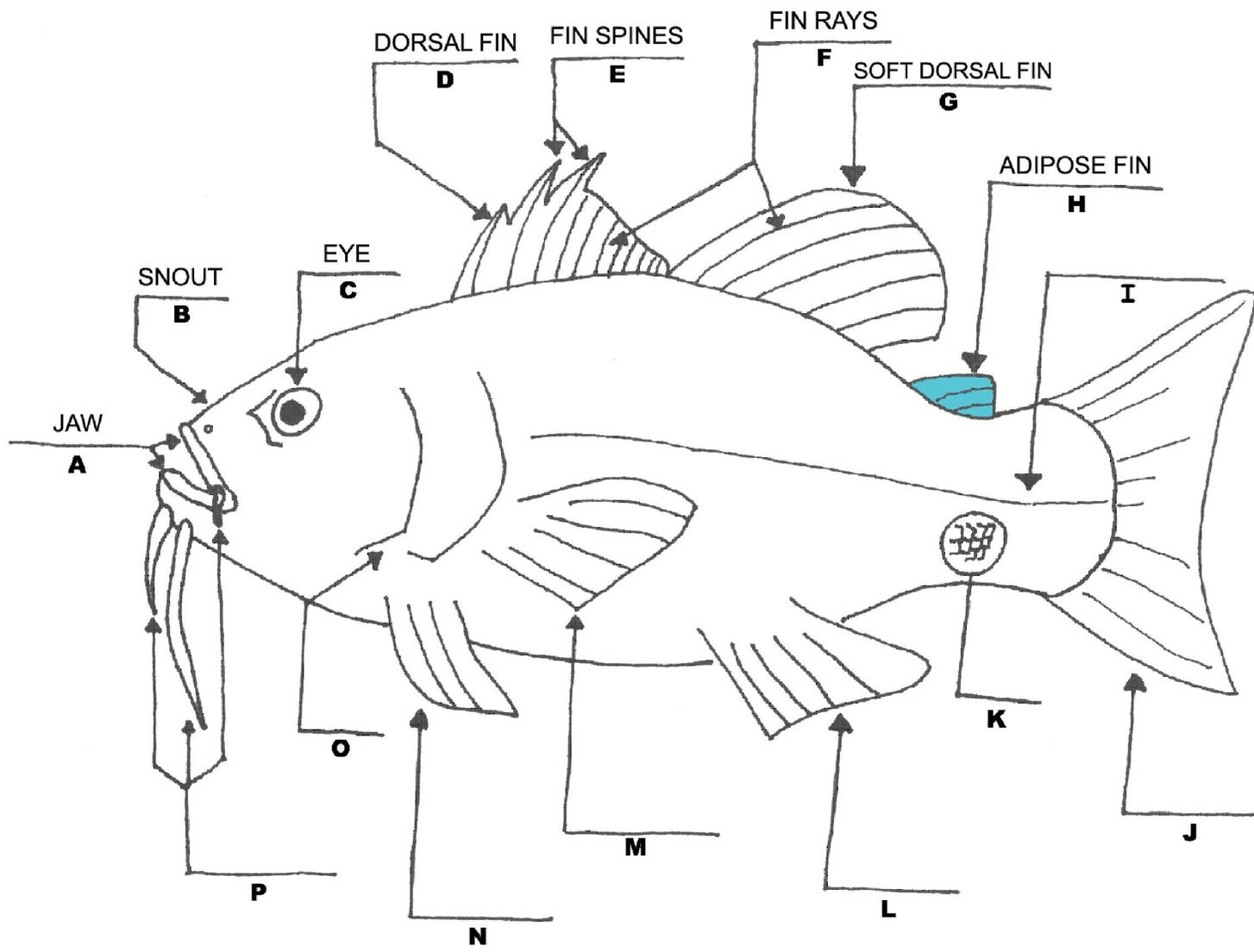
Soft Dorsal Fins



a Separated Soft Dorsal Fin

b Connected Soft Dorsal Fin





Adipose Fin

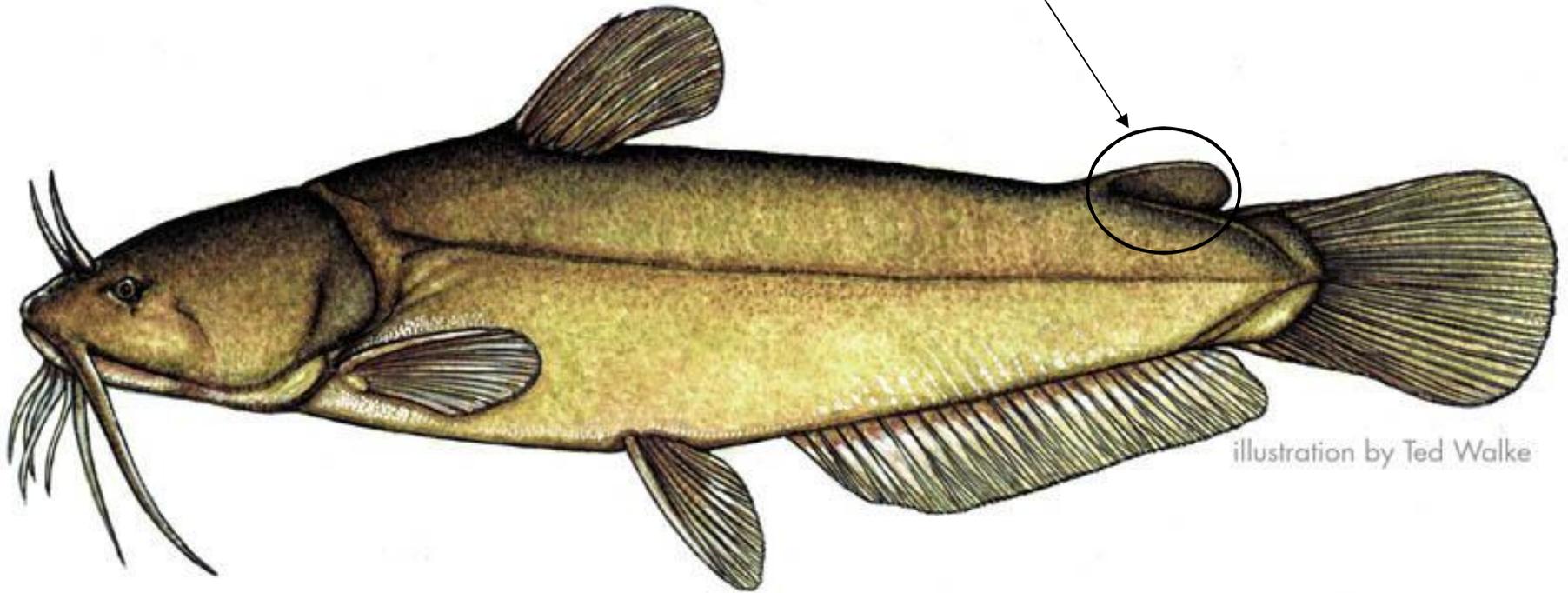
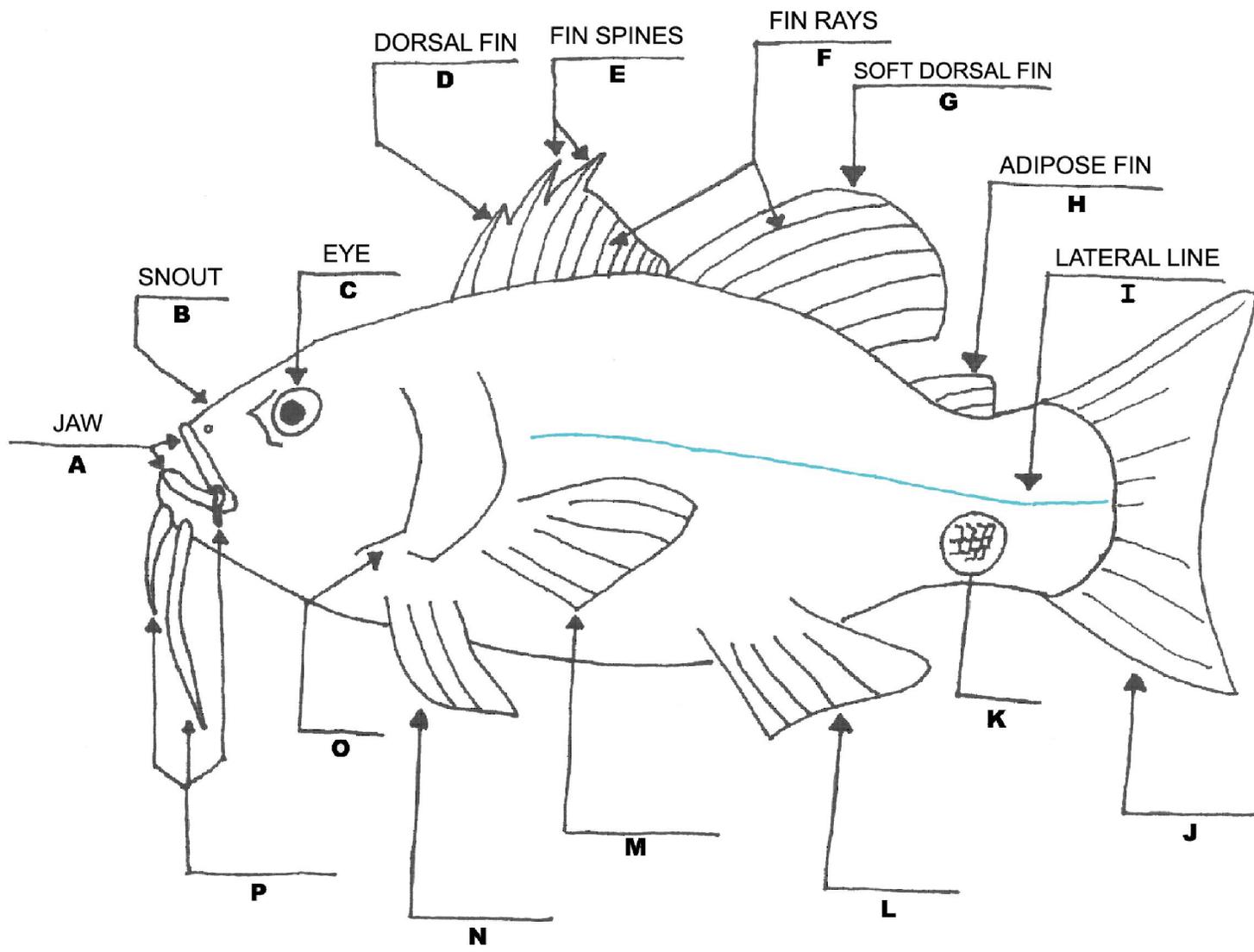
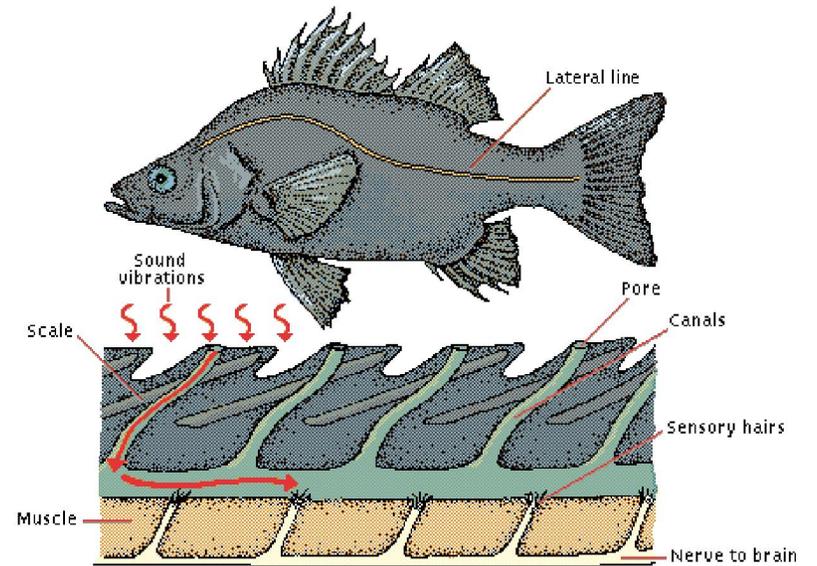
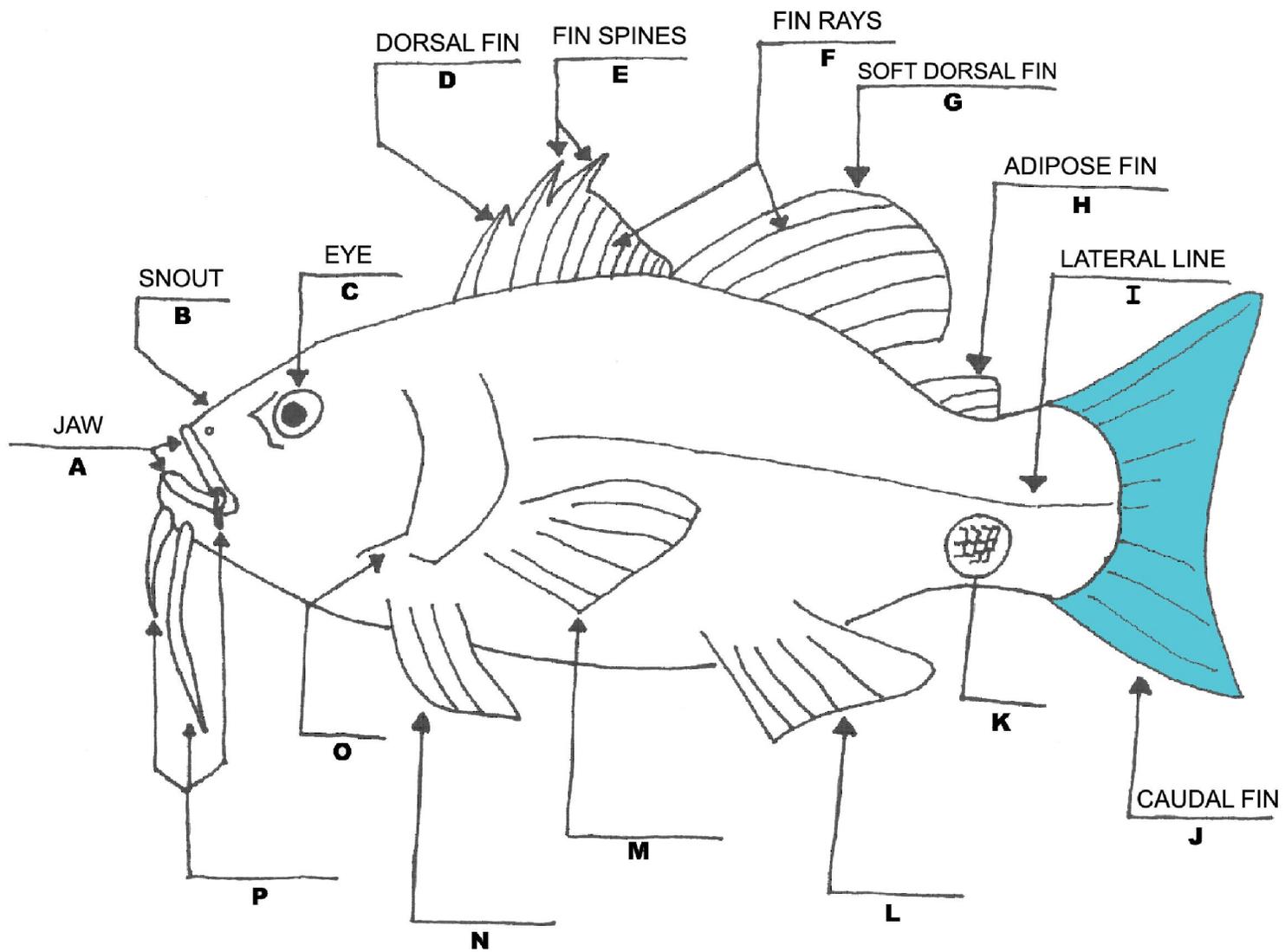


illustration by Ted Walke

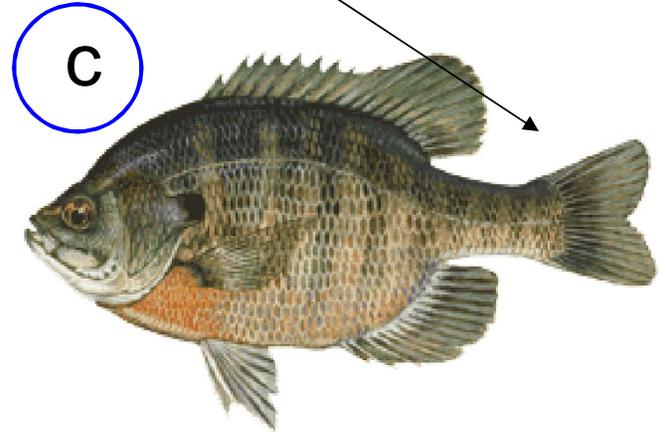
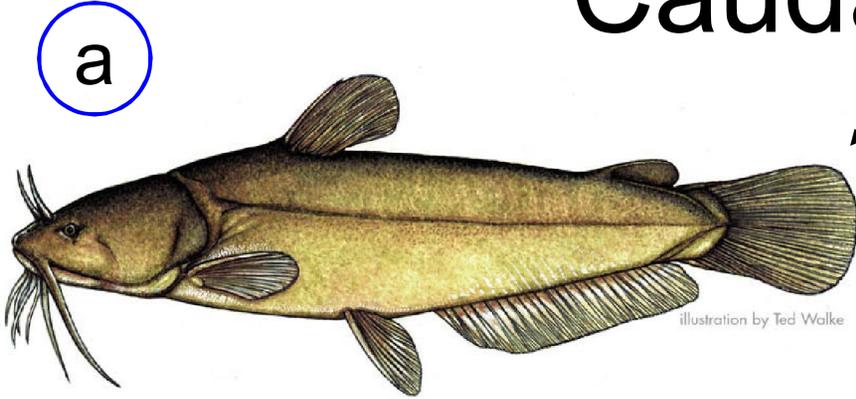


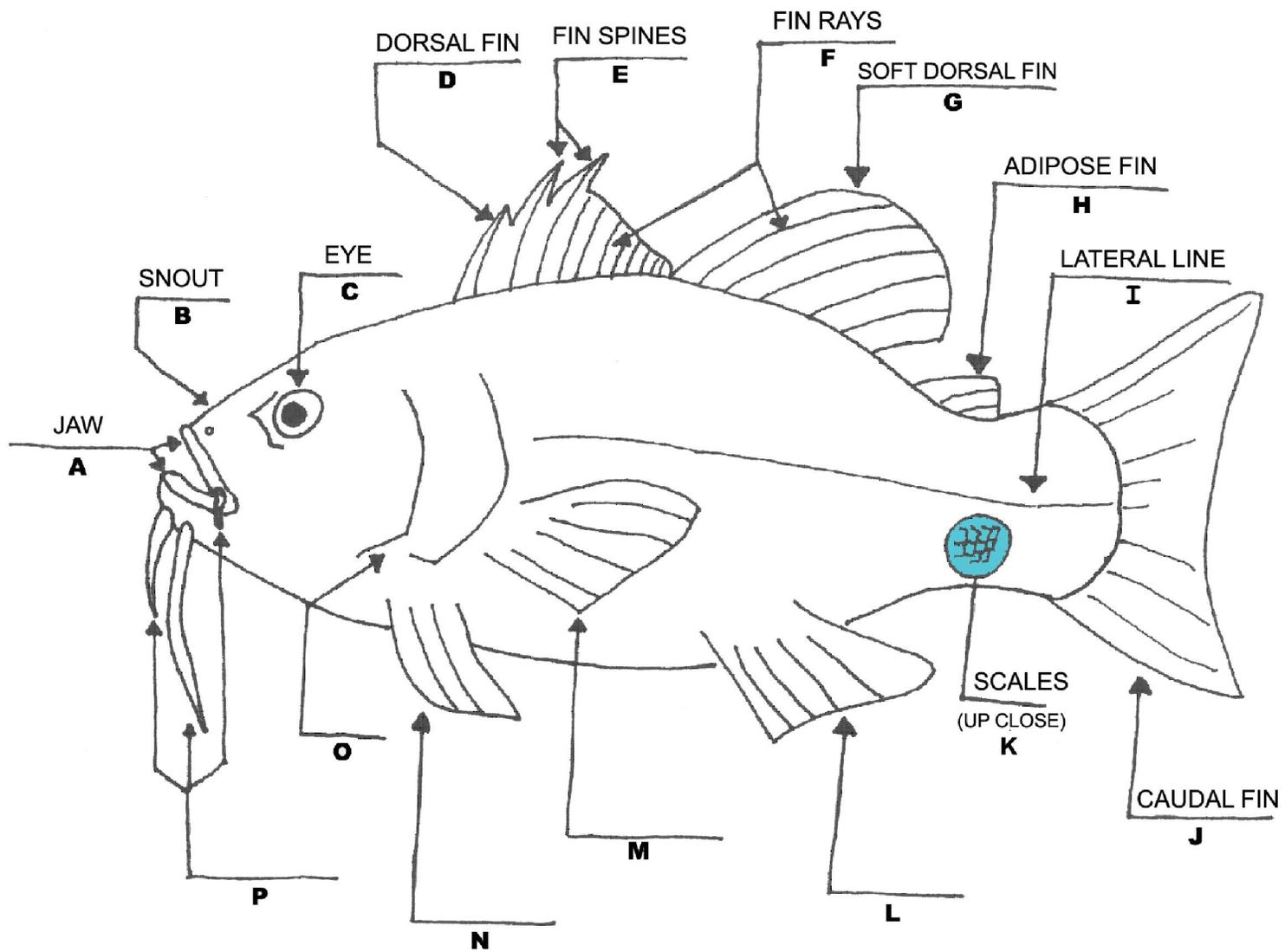
Lateral Lines



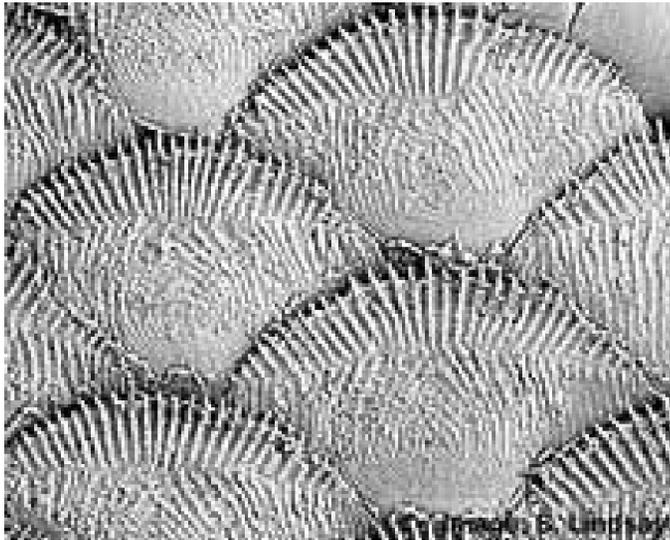


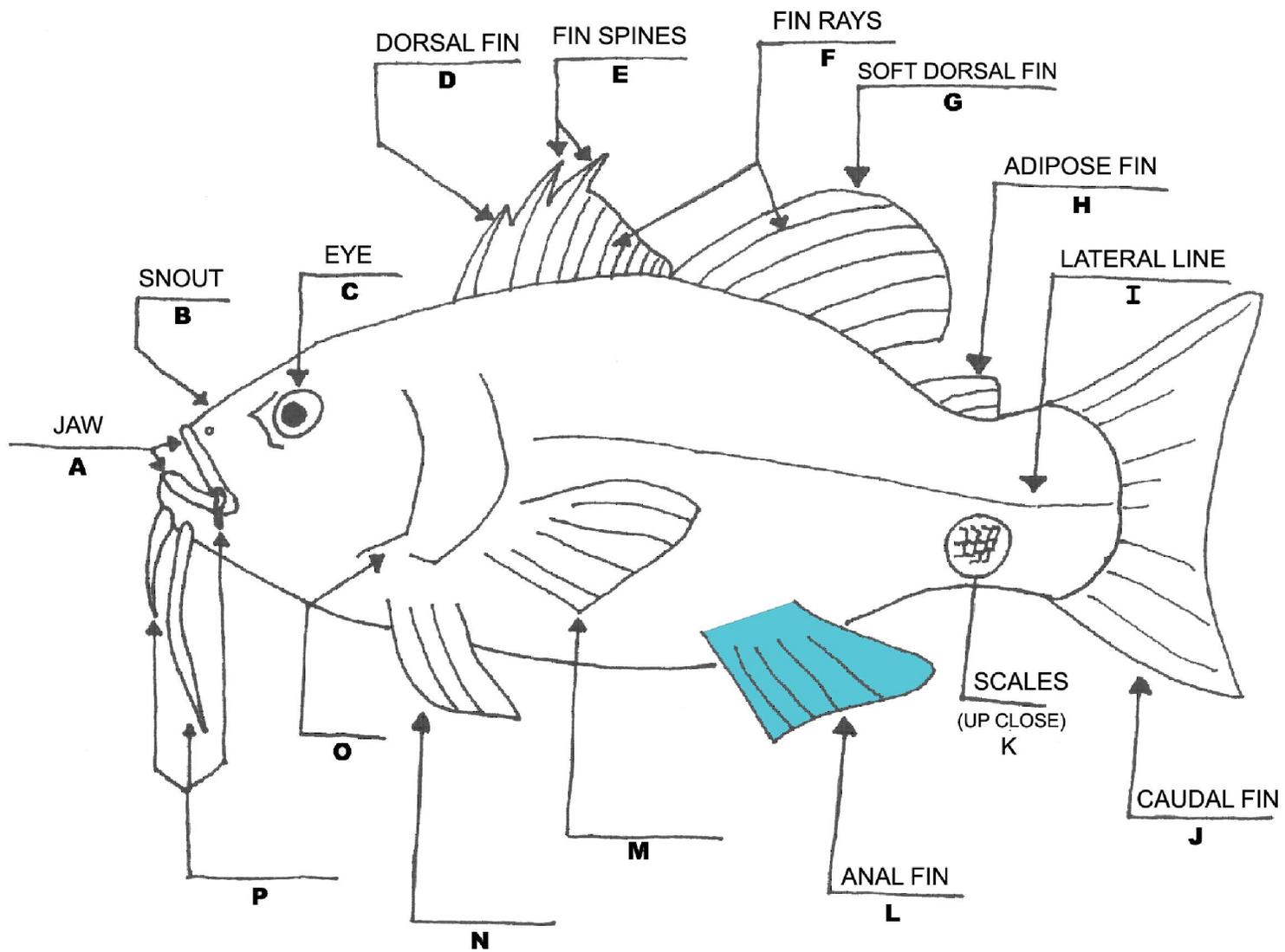
Caudal Fins



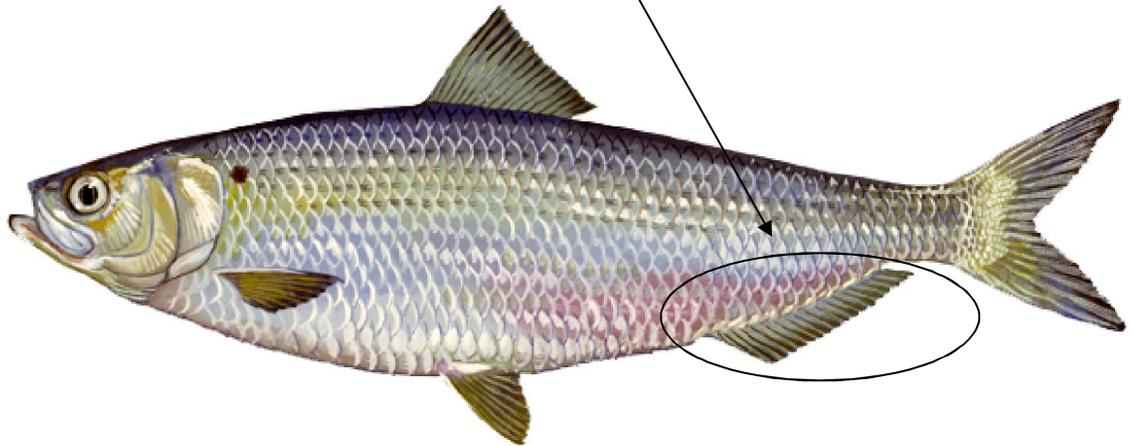
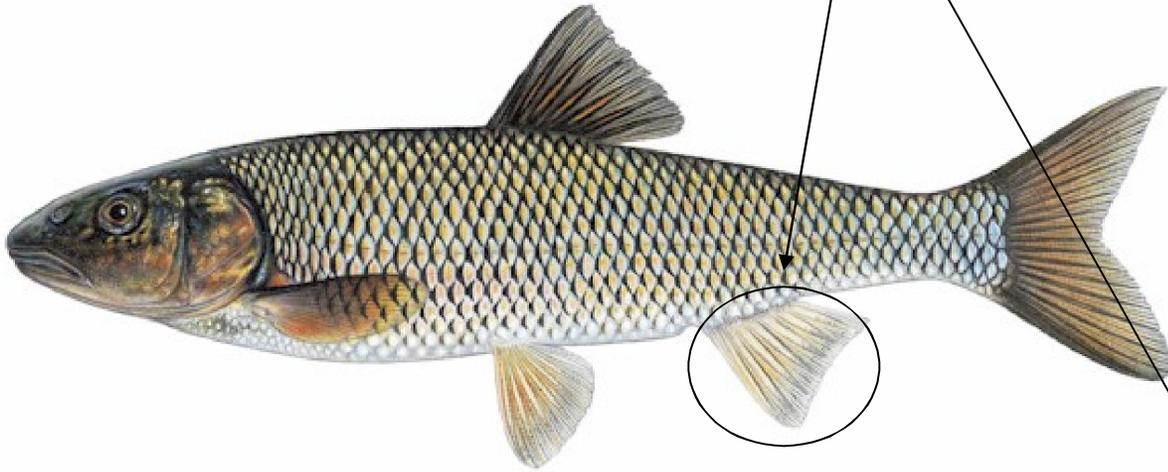


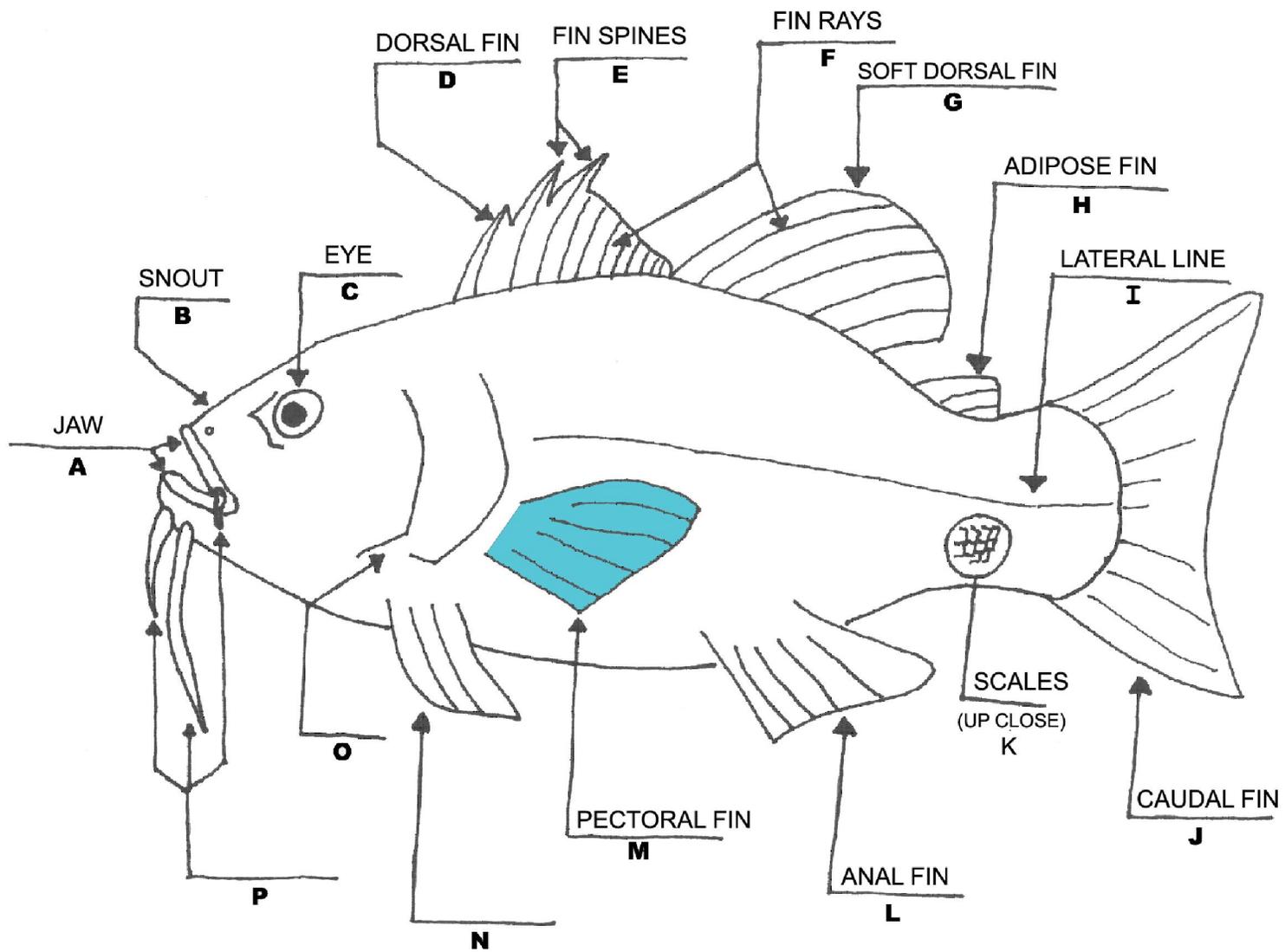
Scale Forms





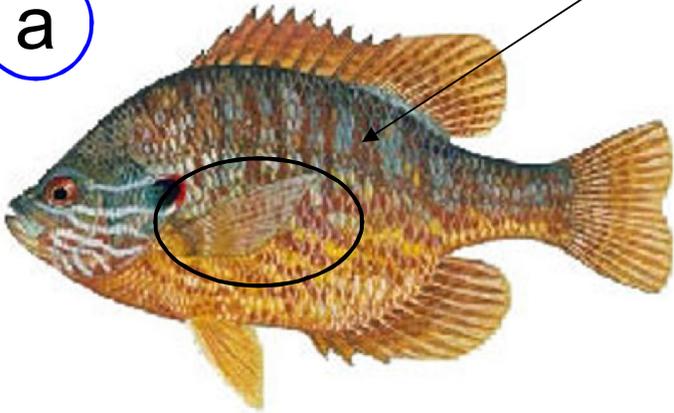
Anal Fins



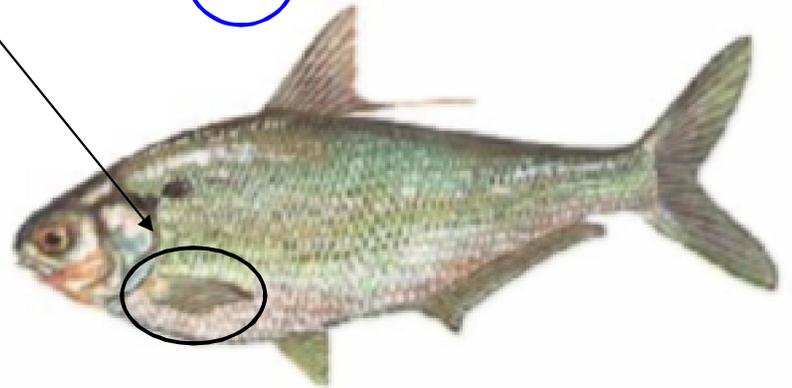


Pectoral Fins

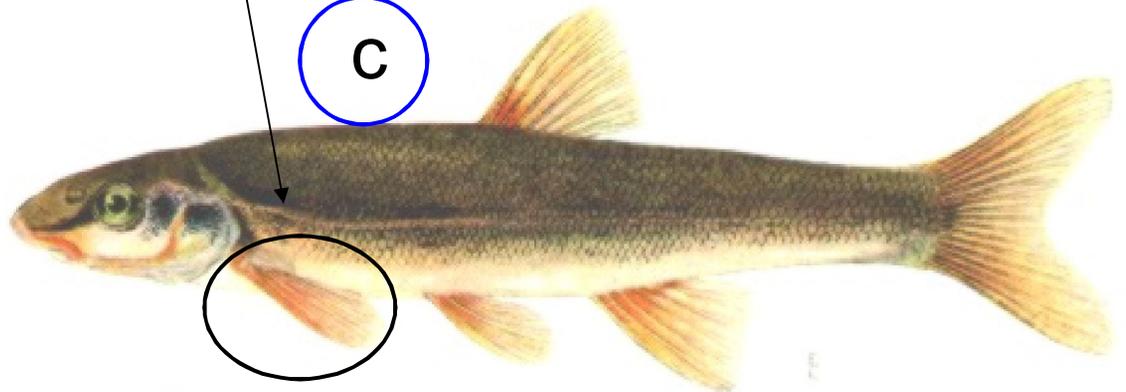
a



b



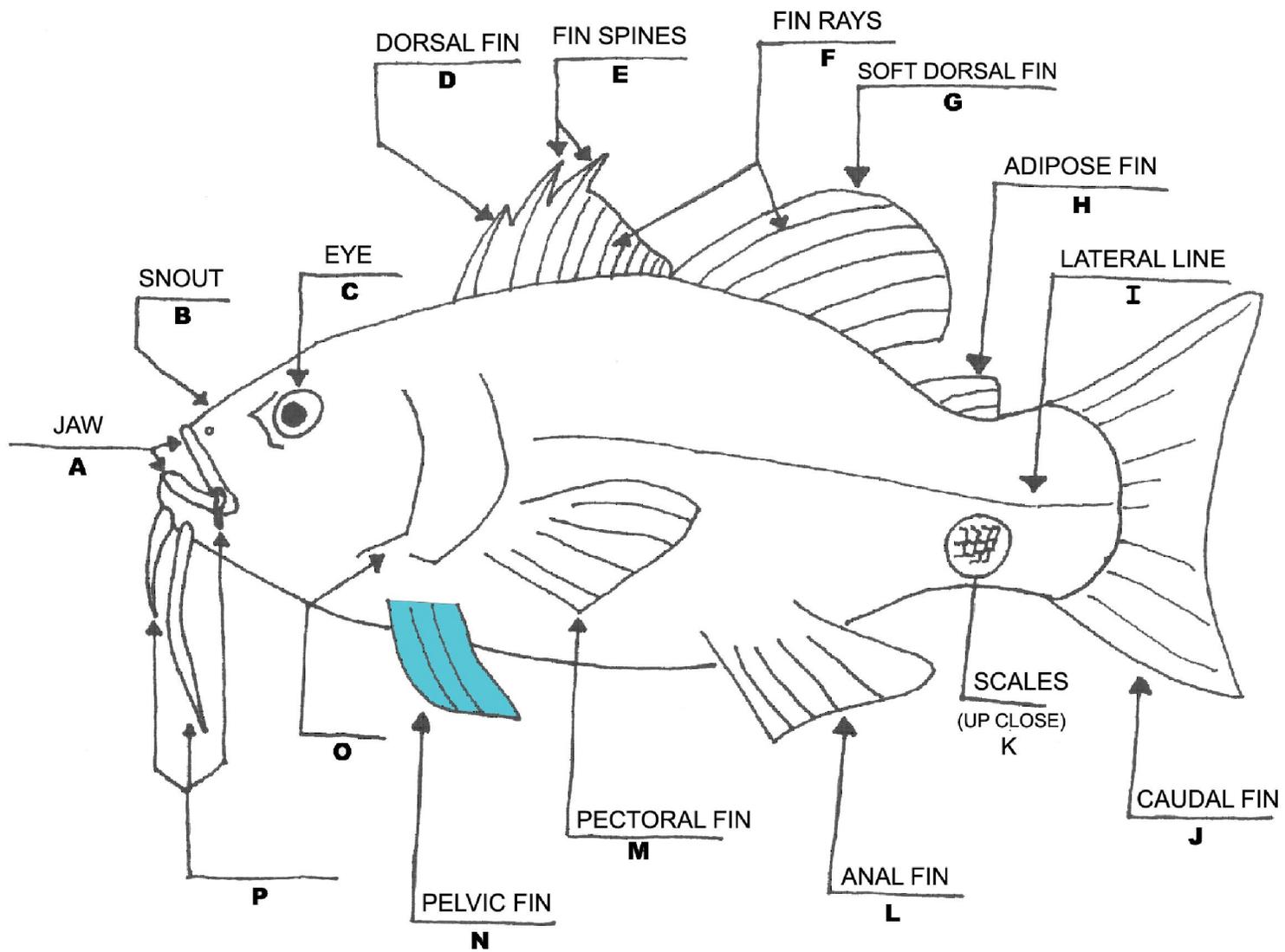
c



d

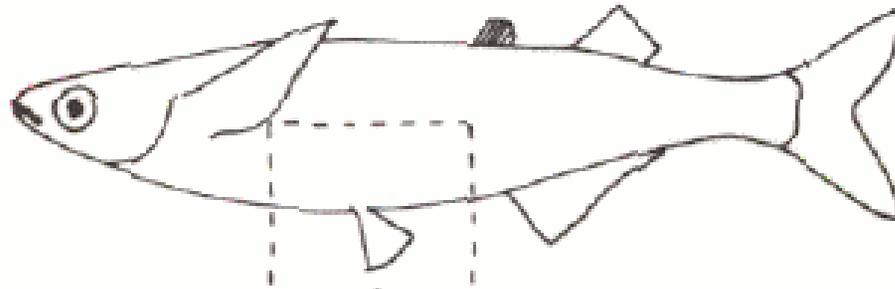


Sea lamprey - *Petromyzon marinus*



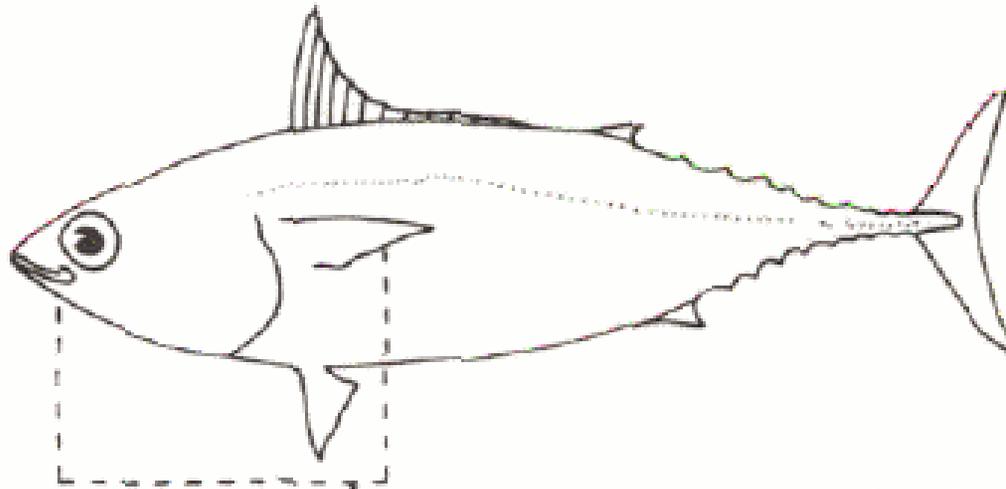
Pelvic Fins

a

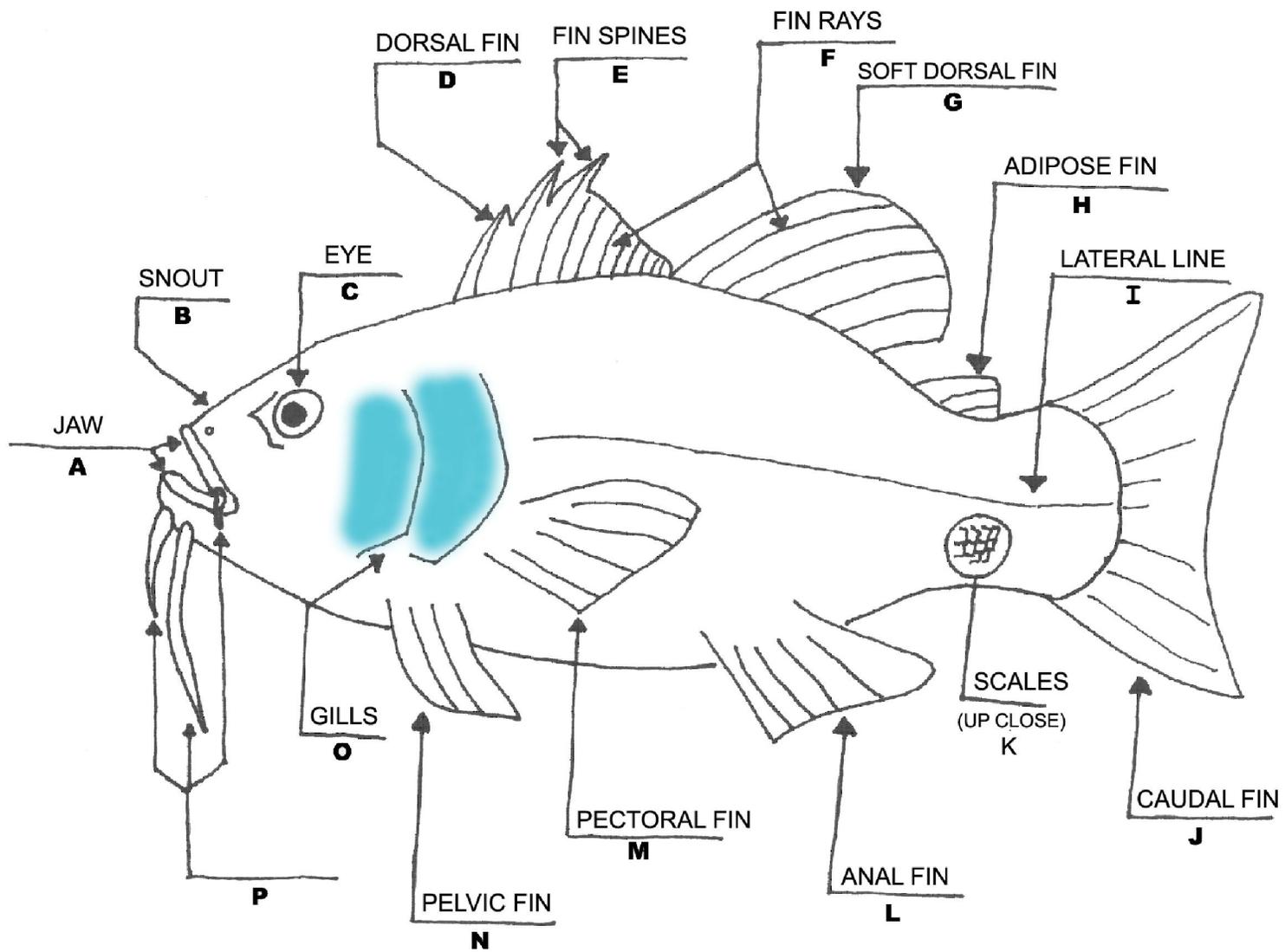


PELVIC FIN is *Abdominal* when attached in this area

b



PELVIC FIN is *Thoracic* when attached in this area

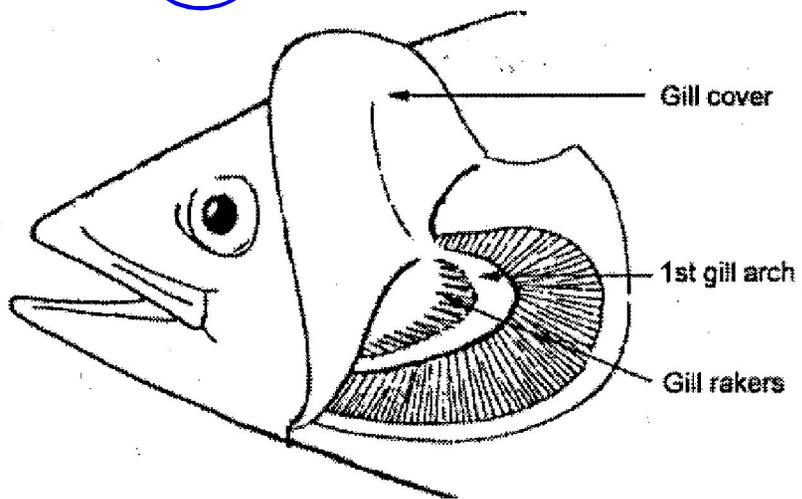


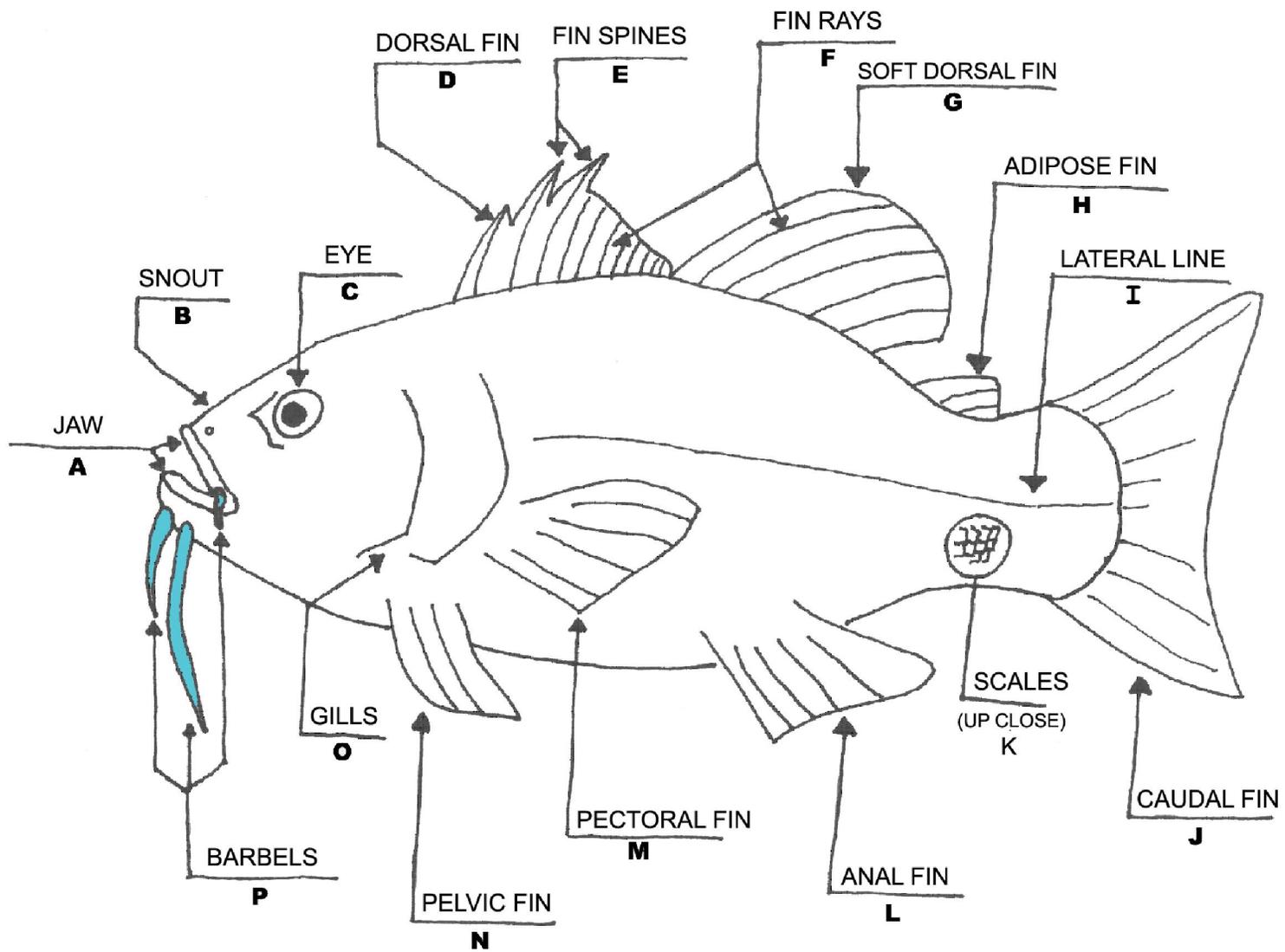
Gills

a



b





Barbels

a



b



Practice ID



Fish Drawing Activity

- Now that you have identified the parts of the fish, it is time to practice identifying the fish you may see on your field study.
- For each picture you see, take a moment to detail a couple of conspicuous characteristics of the fish.
- Then make a quick sketch of the fish, including its body shape, fin location, and fin shape.
- Each slide will be timed, so don't get stuck on minute details. Stick to obvious differences.

Specimen 1



Specimen 2



Specimen 3



Specimen 4



Specimen 5



Specimen 6



Specimen 7



Specimen 8



Specimen 9



Specimen 10

