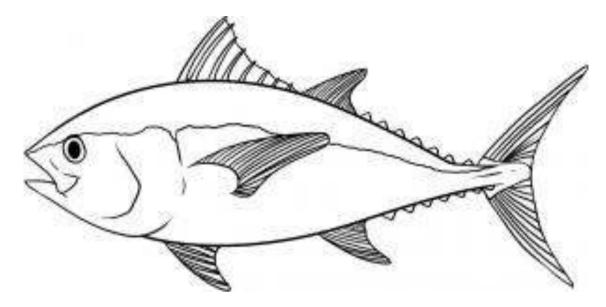
Go to www.asbtia.com.au for more information on SBT and an awesome video about jobs in the tuna industry!

Southern Bluefin Tuna Dissection Exercise

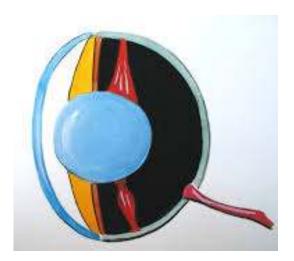
Date: Student:

Scientific Name: Thunnus maccoyii

Family: Scombridae



- 1. Observe the outside of the fish, look for scales, parasites, scarring, note any abnormalities.
- 2. Describe the morphology (shape), skin and fins of the fish. caudal keel, lateral line
- 3. Label the different fins on a tuna on the diagram above.
- 4. List some words that describe the way this fish moves in the water.
- 5. What is the name of the gill covering and how many gills are there? Why are gills red? What are gill rakers and what is their function?
- 6. Examine the tuna's mouth, does it have teeth? If so describe them.
- 7. Label the different parts of the eye:



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Southern Bluefin Tuna Dissection Exercise

8. Name 3 functions that may occur at the vent.

9. Briefly explain the functions of each of the SBT internal organs: a. Liver
b. Gall bladder
c. Pyloric caeca
d. Spleen
e. Kidney
f. Heart
10. Name a function of the skeletal system. Answer
11. What are the functions of different parts of a fish's brain: a. Forebrain
b. Midbrain
c. Hindbrain
12. Do fish have ears?
13. What is special about a SBT's body temperature?