

# LAB: Dissection of a SMOLT...

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Env. Sci. Lab - Dissection of a smolt.pdf

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## Biology 1017 - LABORATORY 8

### LEARNING ABOUT VERTEBRATES

#### Preparation

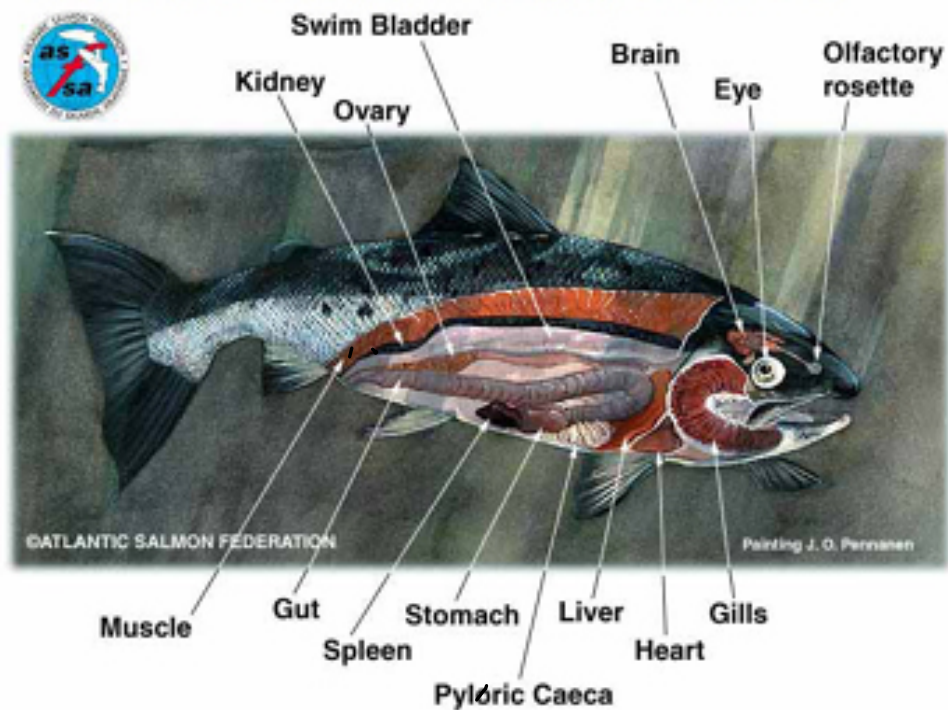
Read this exercise before you come to the laboratory. Understand the following terms: chordate, vertebrate, evolution, respiratory system, circulatory system, urogenital system, photoreceptor.

#### Objectives

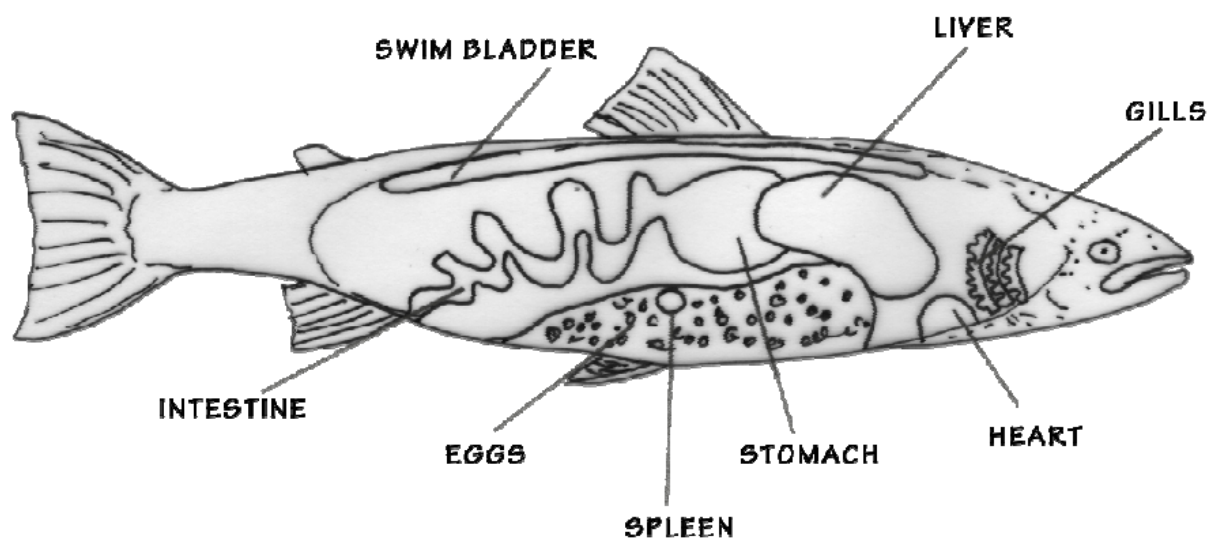
- Exam
1. To study the external and internal anatomy of a representative vertebrate (specifically, a fish)
  2. To study the structure of a vertebrate eye
  3. To understand evolutionary trends in animals

# Internal Anatomy of an Atlantic Salmon

**Wild Atlantic salmon - designed for survival**



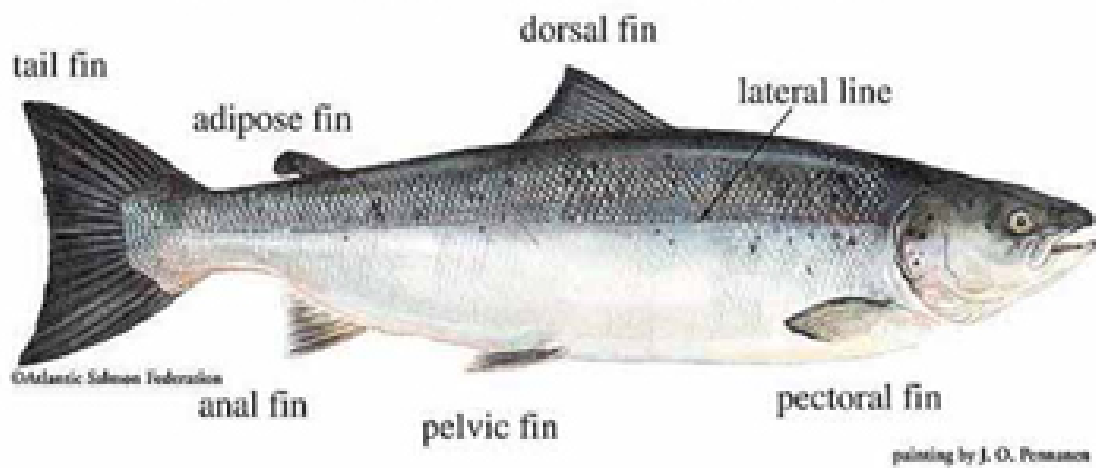
### Internal Anatomy



# External Anatomy of an Atlantic Salmon

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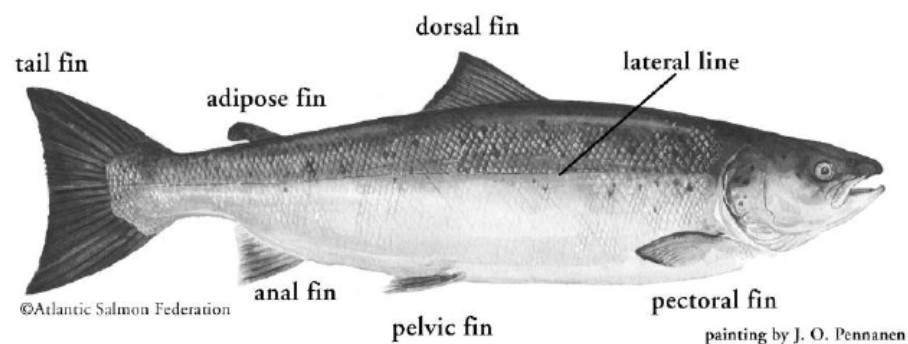
## Fins & Lateral Line of wild Atlantic Salmon



## NEED HELP WITH FIN NAMES?

### Getting to Know Trout and Salmon – Name Those Fins...

The fins of the trout and salmon species all have the same names, so learn them once, and you know them all. Taken together, the eight fins give these fish both maneuverability and power. This helps them evade predators, and allows them to pursue prey efficiently. In several instances the markings on the fins can help identify the species of salmonid.





## Fly Nation: The New Brunswick Adventure Extended

from **Vantage Point Media House** PRO 11 months ago NOT YET RATED

Director's Cut. An exclusive extended episode of Fly Nation Season 2 filmed on World-class Atlantic Salmon rivers in the beautiful province of New Brunswick.

New Fly Nation host, Ashley Rae, joins Atlantic Salmon guru Jacques Heroux and Tourism New Brunswick's Serge Collin on an adventure of a lifetime to 3 of the best lodges in the entire province, the Restigouche River Lodge, Wilson's Sporting Camps and the Upper Oxbow Outdoor Adventures lodge. All 3 are truly fly fishing destinations to dream about.

Watch the entire special extended episode online, brought to you by Tourism New Brunswick and make sure to check us out on [Facebook](#) and let us know what you think!

## Attachments

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