

Introduction to Biology. Lecture 20

Alexey Shipunov

Minot State University

October 22, 2014



- 1 Questions and answers
 - Where we are?
- 2 Animals
 - Basic principles of animal body construction



- 1 Questions and answers
 - Where we are?
- 2 Animals
 - Basic principles of animal body construction



Questions and answers

Where we are?



The main driving force of animal evolution was feeding on bigger and bigger pray

- Blastaea
- Phagocytella
- Gastraea



Main organ systems in animals

- In higher animals, tissues are members of organs, and organs—of organ systems
- Every organ system is responsible for the particular aspect of animal life:
 - locomotion and support;
 - feeding, excretion and osmoregulation;
 - circulation and gas exchange;
 - signaling and reception;
 - reproduction.



Animals

Basic principles of animal body construction



Generalized animal



Summary

- The structure of animal body follows few basic principles of construction



For Further Reading



Skeleton.

<http://en.wikipedia.org/wiki/Skeleton>



Animal.

<http://en.wikipedia.org/wiki/Animal>

