

Lab 11

Diversity of Life: Animals

Admin

- Quiz / HW
- Grades?
- Practical - brief review next week.
 - Details?
- Groups - add member names

Individual Presentation

Group Presentations

- 15 minutes for group meeting
 - write your topic in 2 sentences
- Topic needs to be approved by me now!

Common features of Animals

- No cell walls
- Heterotrophic
- Multicellular
- Movement

Evolution of Animals

Cambrian Explosion

- Essentially all modern phyla (basic body plan) suddenly appear ~550 million years ago
- Lots of modifications since then
- http://en.wikipedia.org/wiki/Timeline_of_evolution

Important Reminders

- The earth is very, very old
- Humans don't see much of the earth in daily life
 - Oceans?
 - Soil
- Lots of animals look really really strange

Key problems all animals need to solve

- Defense
- Getting food
- Finding mates

Slides

- Slides
- Movie - Human Arm:
<http://video.pbs.org/video/2365207188/>