

Lab 10

Diversity of Life: Plants and Fungi

Admin

- Grades?
- Start reviewing notecards/slides now for practical
- Groups - add member names

Group Presentations

- First, agree on a single topic (*not* an article!)
- Write the presentation as a group - divide it up after it's written
- 10-15 text slides max, <50 words per slide (*don't* pack slides with small text!)
 - Extra picture slides are ok

Individual Presentation

Plants & Problem Solving

- Moss: physical structure, spore dispersal
- Ferns: vascular tissue
- Gymnosperms: wind-dispersed pollen, drought-resistant seeds
- Angiosperms: Flowers & Fruits

Slides - Plants

- Slides
- XKCD: <http://www.xkcd.com/1259/>

Fungi - All sorts of crazy

- Heterotrophic - the world's recyclers
- Most form hyphae - long threadlike cells
- Many produce fruiting bodies (“mushrooms”)
- Isogamous: no difference between male/female
- Colonized land before plants or animals

Wrap up - Group Presentations

1. Non-vascular plants
2. Seedless vascular plants
3. Gymnosperms (naked seeds)
4. Angiosperms (flowering plants)
5. Basidiomycota (“typical mushrooms”)
6. Mycorrhizae (plant symbionts)