

Algae, Moss, and Fern Review Sheet

1. **Define:**

- Isogamy
- Heterogamy
- Haploid
- Diploid
- Sporophyte
- Gametophyte
- Cuticle
- Leaves
- Roots
- Stems
- Vascular system
- Xylem
- Phloem
- Stoma
- Archegonia
- Antheridia
- Rhizome
- Rhizoids
- Prothallus/prothallium
- Fiddlehead
- Bryophytes
- Tracheophytes

2. Characteristics of Kingdom Plantae

3. Basic characteristics of the 3 phyla of algae - stations

4. Procedure questions for moss & fern labs

5. Characteristics of Phylum Bryophyta – moss

6. Characteristics of Phylum Tracheophyta – ferns

7. Explain alternation of generations

8. Explain the process of conjugation in algae - stations

9. Adaptations of plants to land – worksheet

10. Advantages and disadvantages of an aquatic environment versus a land environment

11. Distinguish between mosses and ferns

12. Explain why mosses and ferns are referred to as pioneer plants

13. Draw the gametophyte and sporophyte of moss and ferns.

14. Explain the function of accessory pigments.