

## **Lab 2: Hoxie Gorge**

pp. C11-C13

### **GOALS:**

- Be able to identify the plants that we observe on the field trip. Know what their name is, whether they are vascular or non-vascular, spore producers or seed producers and if they are gymnosperms or angiosperms.
- Be able to describe different methods of dispersal (how new plants end up growing away from parents).
- Know why non-vascular plants need to live in wet areas.
- Know what a symbiotic relationship is and be able to give examples.
- Be able to describe what the Hoxie Gorge area looked like 400 million years ago based on the fossils that you observe.

### **KEY TERMS:**

angiosperm	vascular/non-vascular
gymnosperm	spore
fungi	seed
composite flower	dispersal
opposite vs. alternate leaf arrangement	symbiotic
compound vs. simple leaves	parasitic
decomposer	heterotroph
gall	fossil

**TAKE NOTES:** (you will have to identify plant samples on the quiz)