Questivities™

Topic: Year 11 Plant Ecology Revision

1. List **the order of the following components of a plant stem (from the outer to inner stem) –** *pith, cork/cortex, phloem, epidermis, xylem, vascular cambium*

2. Compare and contrast **primary succession with secondary succession**

3. Compare and contrast **the function of xylem and phloem**

4. What would happen if **the stomata on the lower epidermis of a leaf were always closed?**

4. If you were an endangered species due to habitat clearing that is reducing your shelter and food source, would you rather have your habitat preserved or have a breeding program setup to increase your numbers?

5. How **would you feel if you were a leaf without a waxy cuticle?**

6. What **are the TWO main functions of the spongy mesophyll cells?**

7. Why **can photosynthesis only occur in the leaf of a plant?**

8. How **does primary productivity affect the level of available energy to consumers in a food chain?**

Active Questions:

Make a list of questions a leaf would ask a stem.

© Paul Bannister, Concordia College, November 2017