

Name: \_\_\_\_\_ Plant Physiology Lab 1

**1.Plant Gross Morphology**

**Dicot**

**Monocot**

**Succulent**

**Cactus**

2. Seedlings

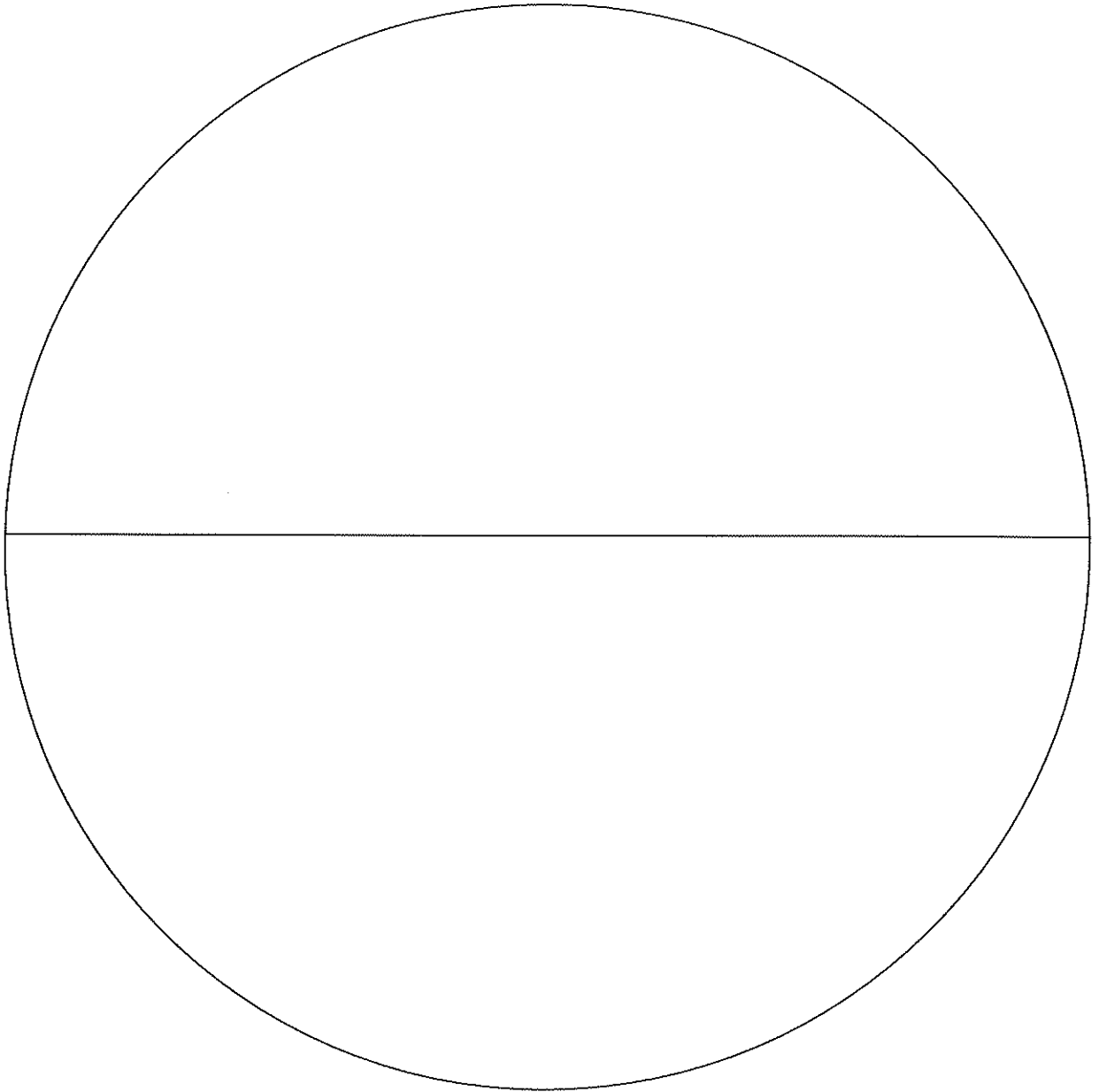
Light-grown dicot

Light-grown monocot

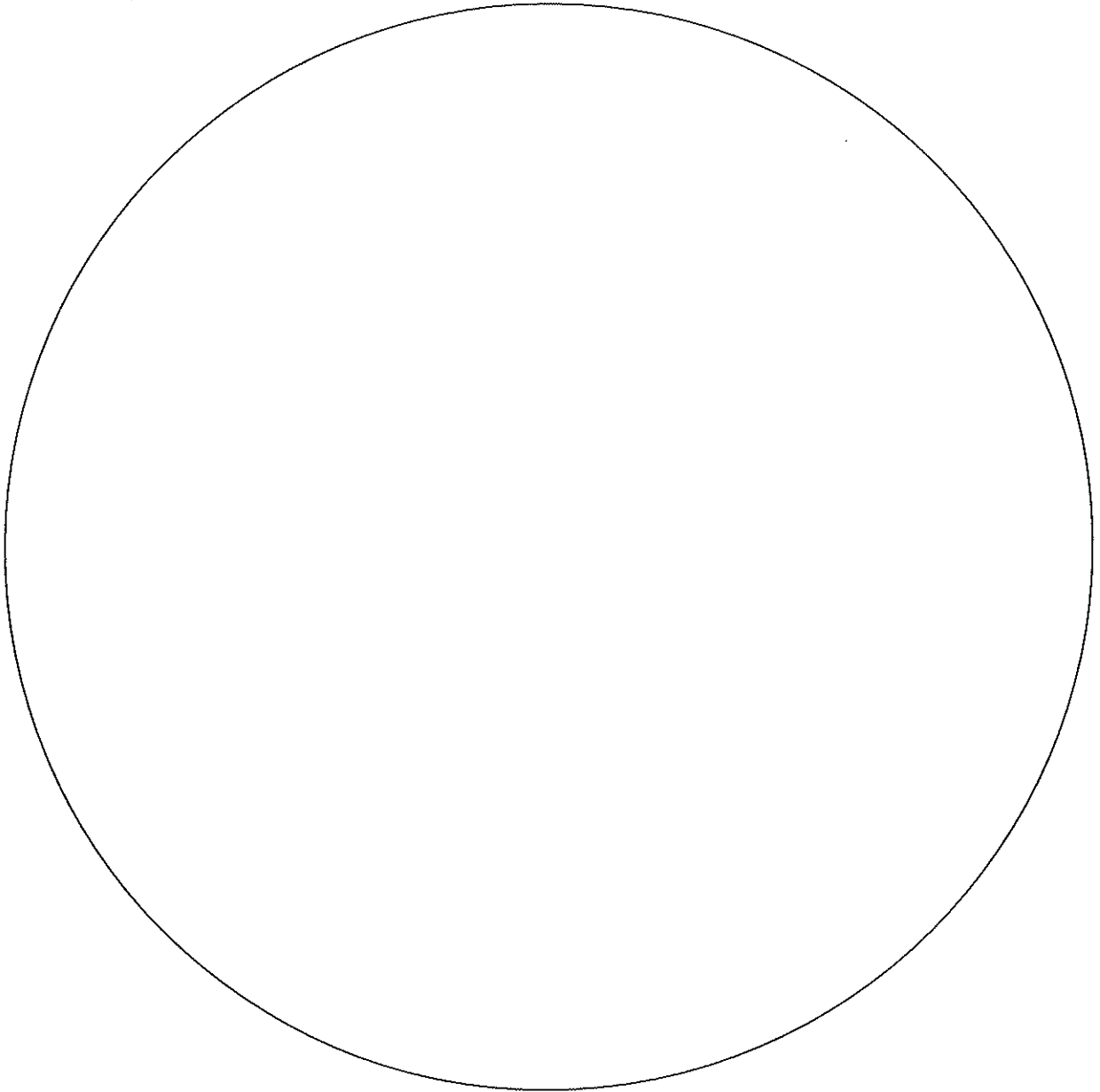
Dark-grown dicot

Dark-grown monocot

3. Living cells

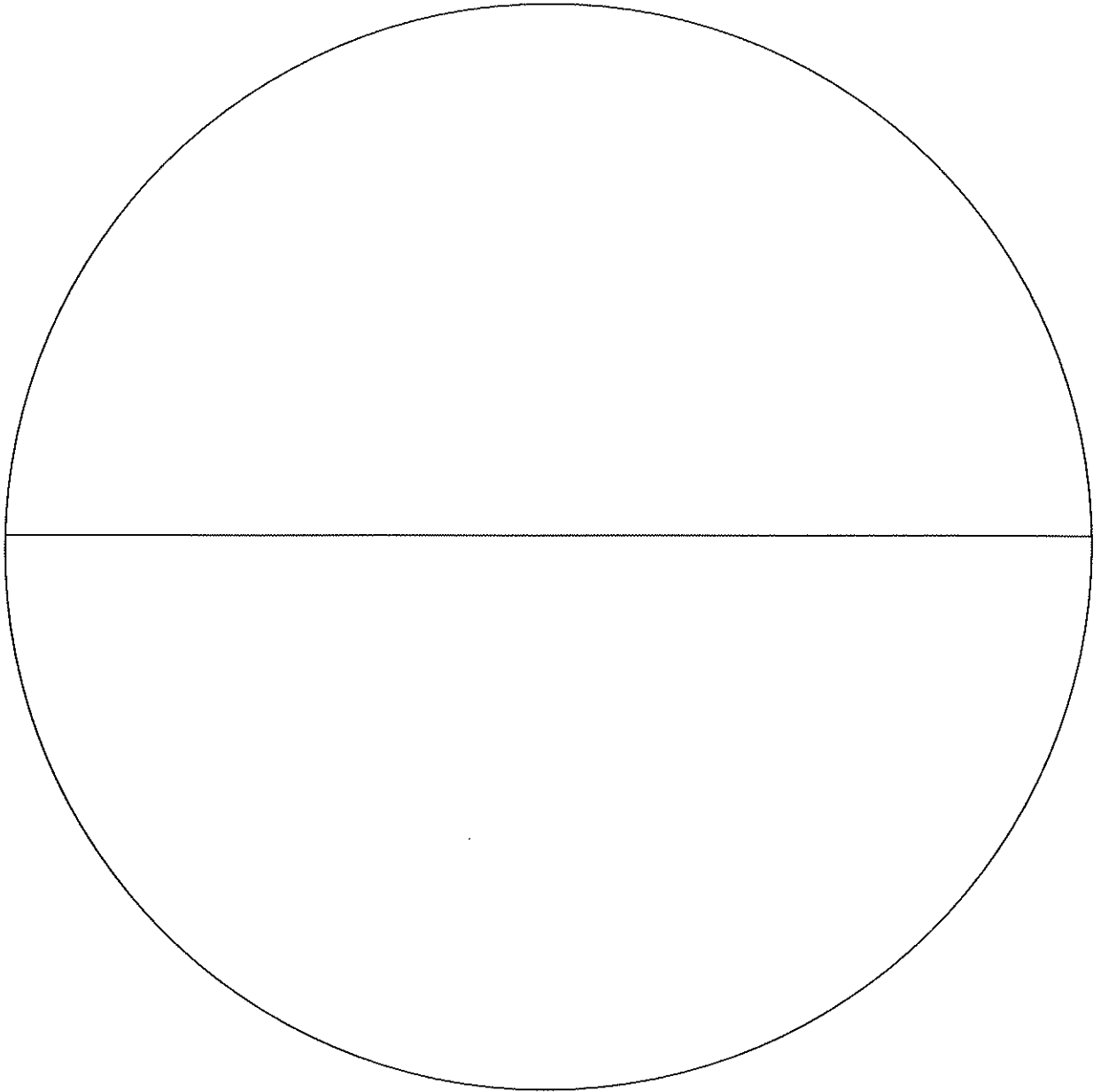


4. Onion root tip

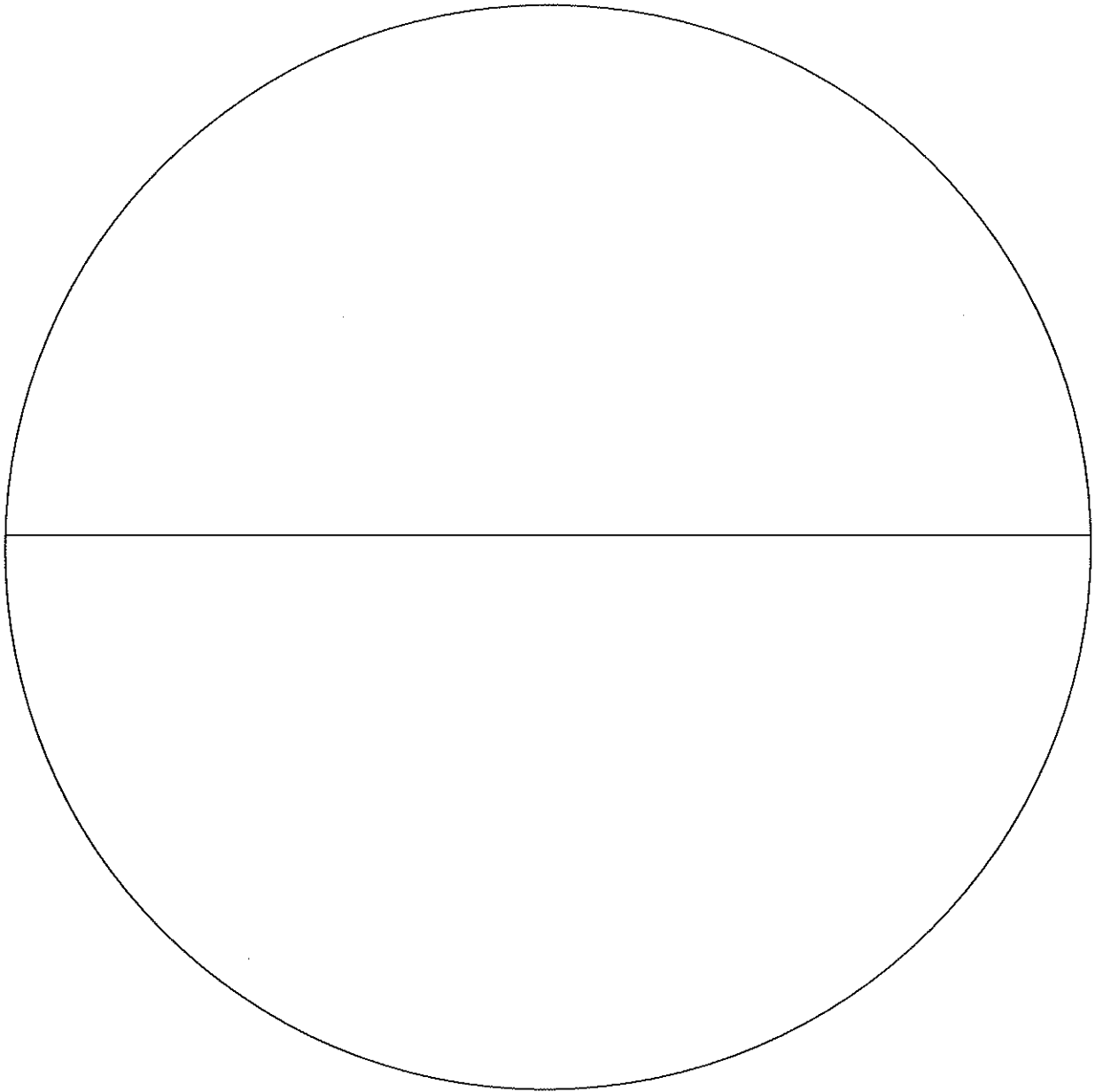


**Discussion:**

5. Dividing cell and root hairs

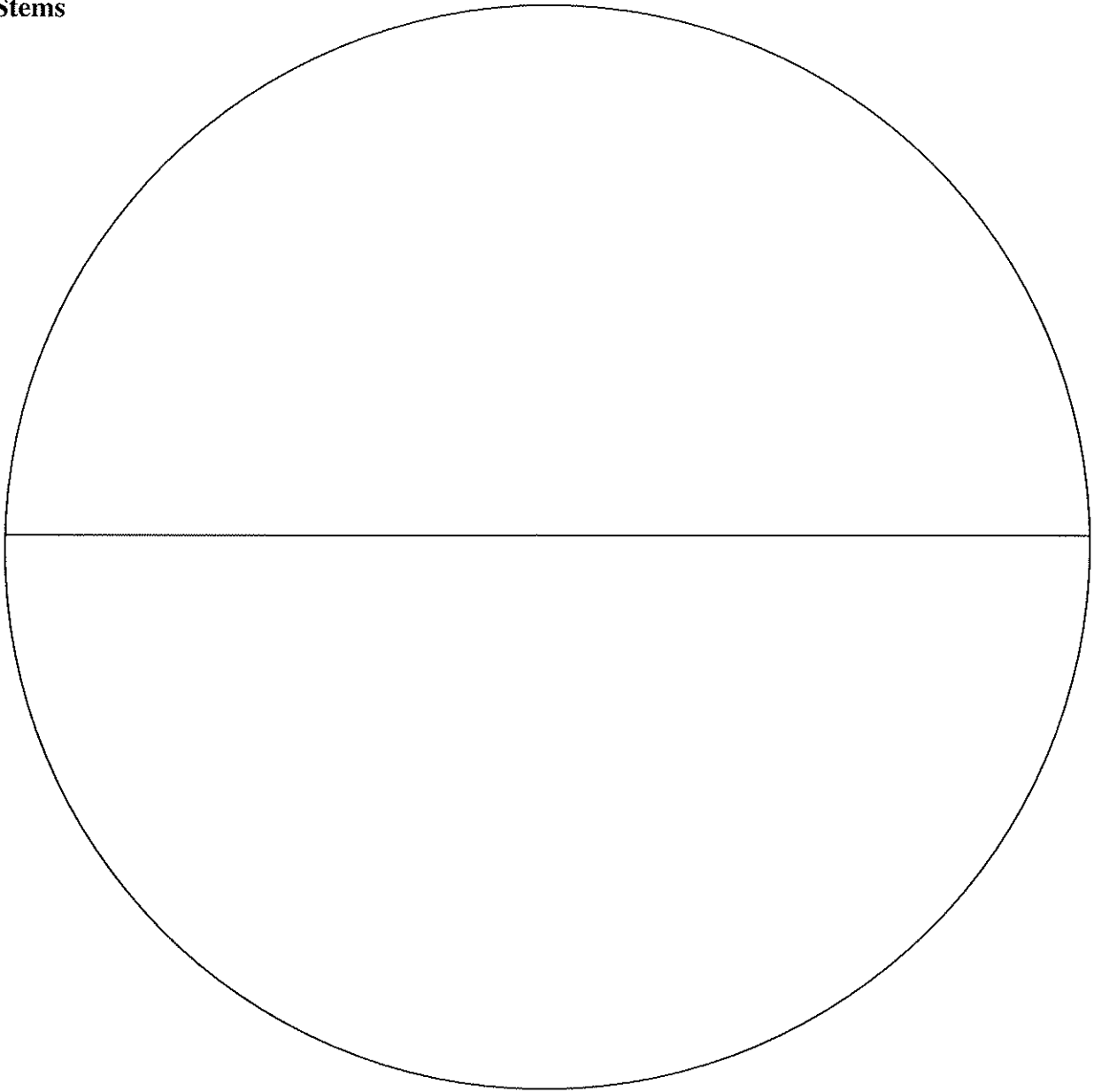


**6. Roots**



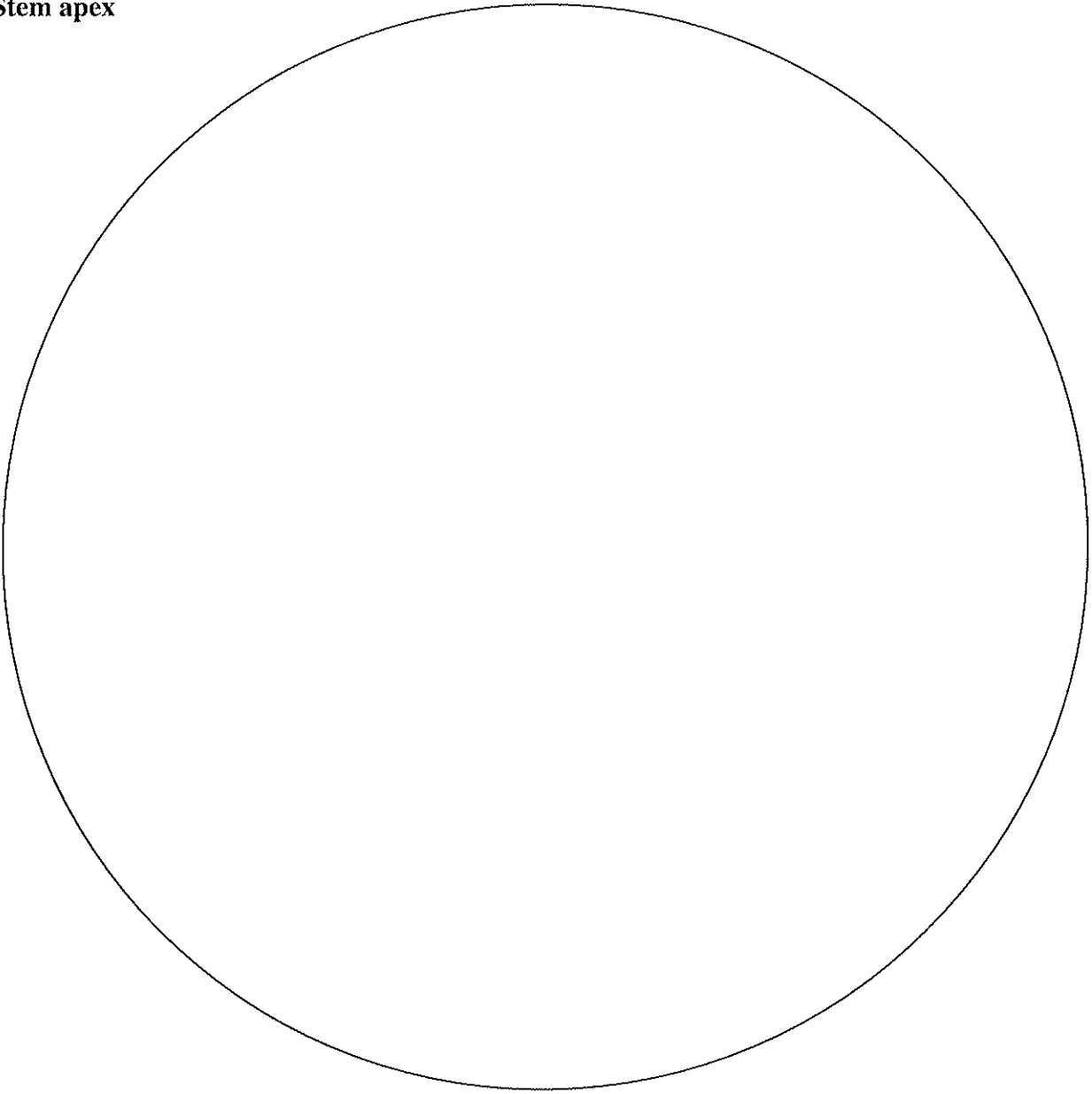
**Discussion:**

7. Stems



**Discussion:**

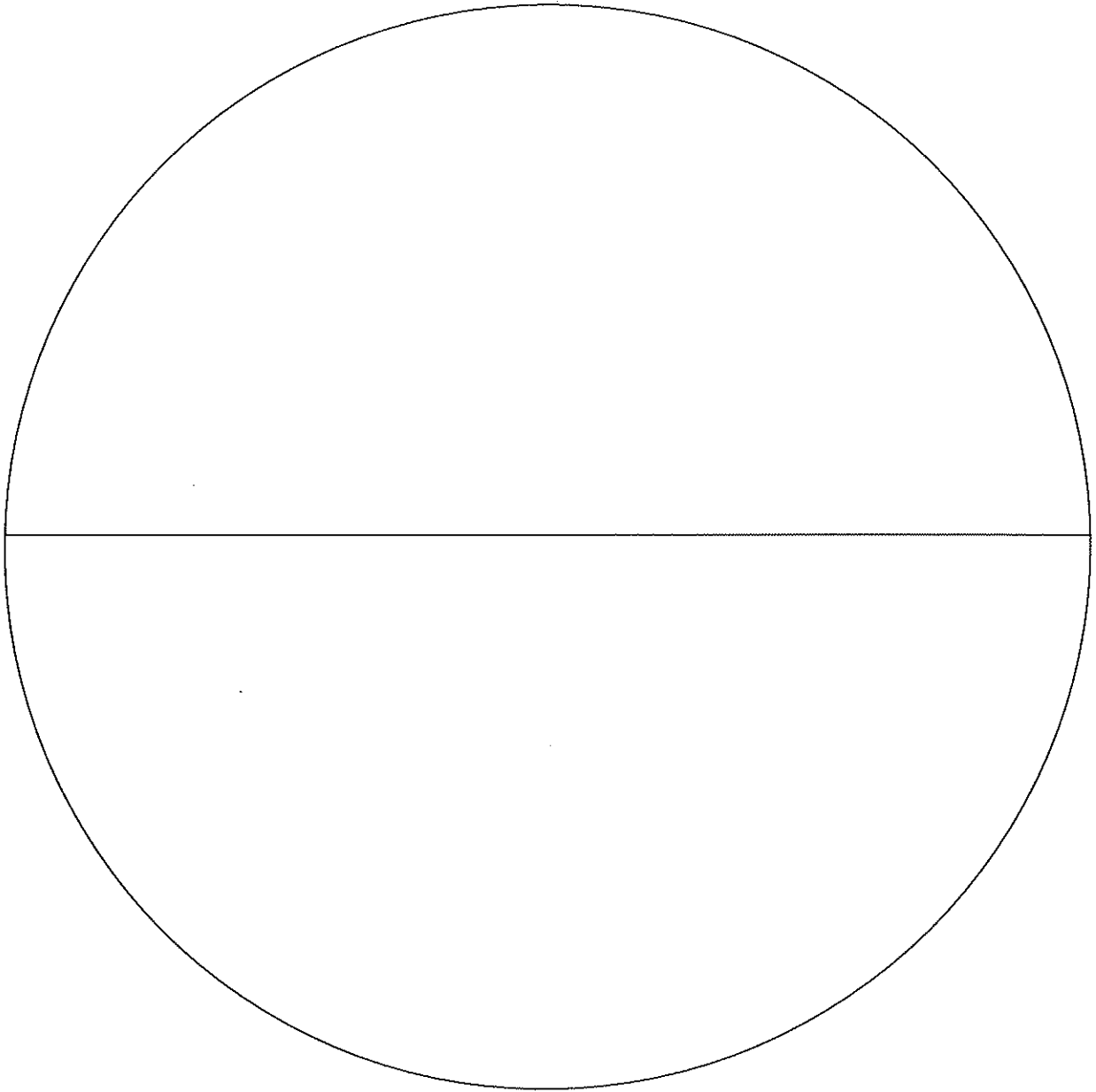
**8. Stem apex**



**Discussion:**

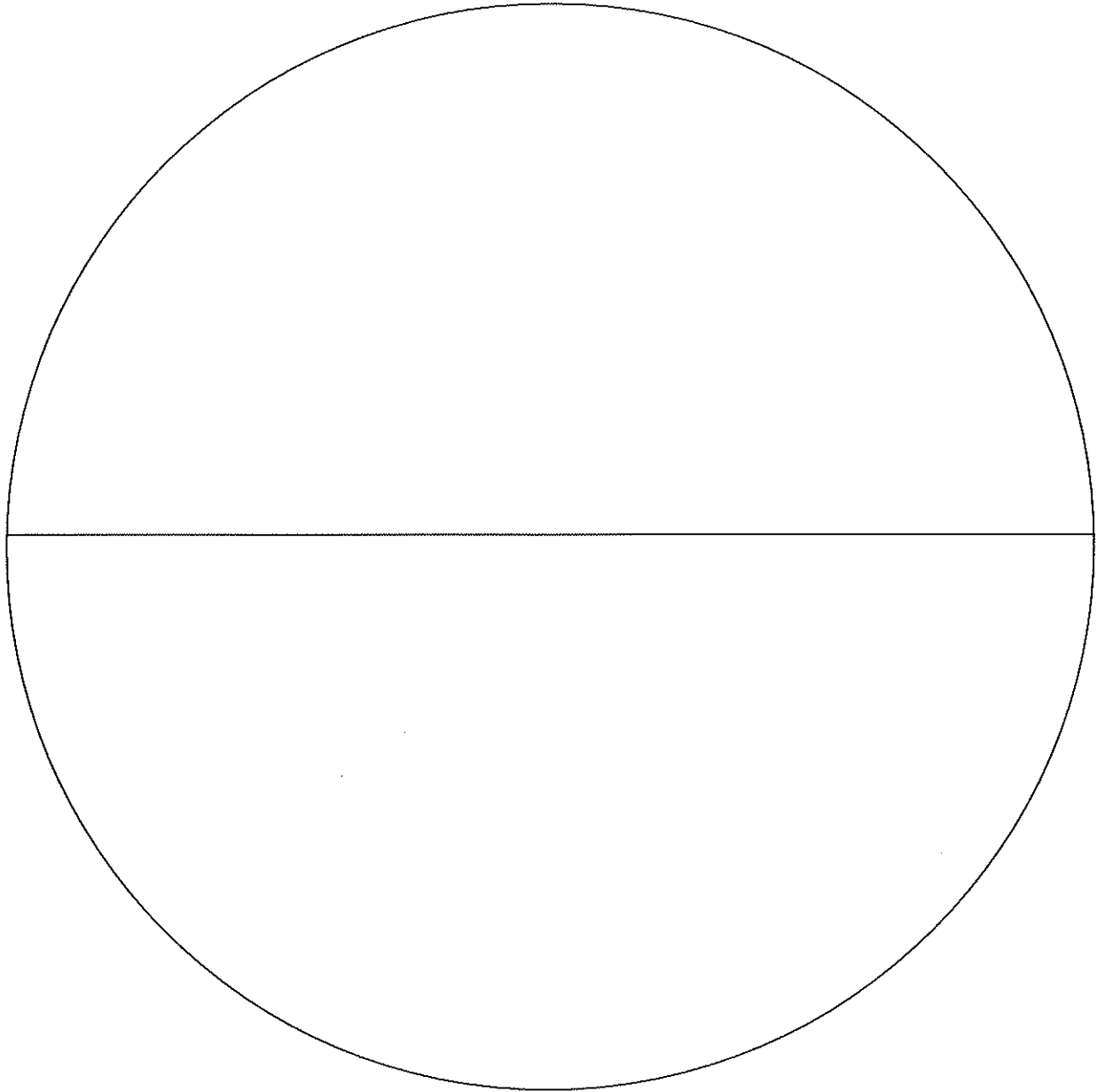


**9. Monocot leaves**



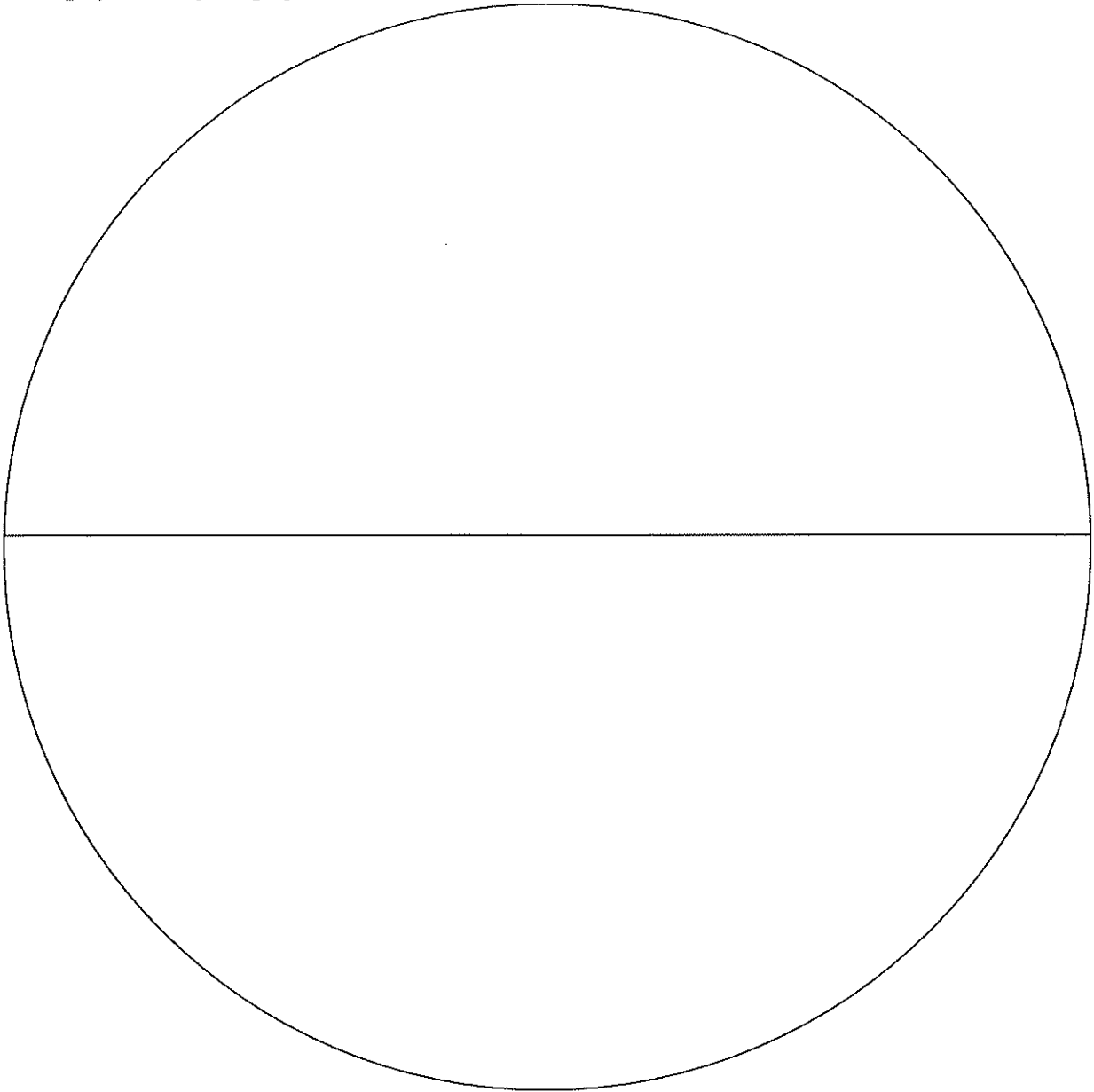
**Discussion:**

**10. Monocot vs dicot leaves**



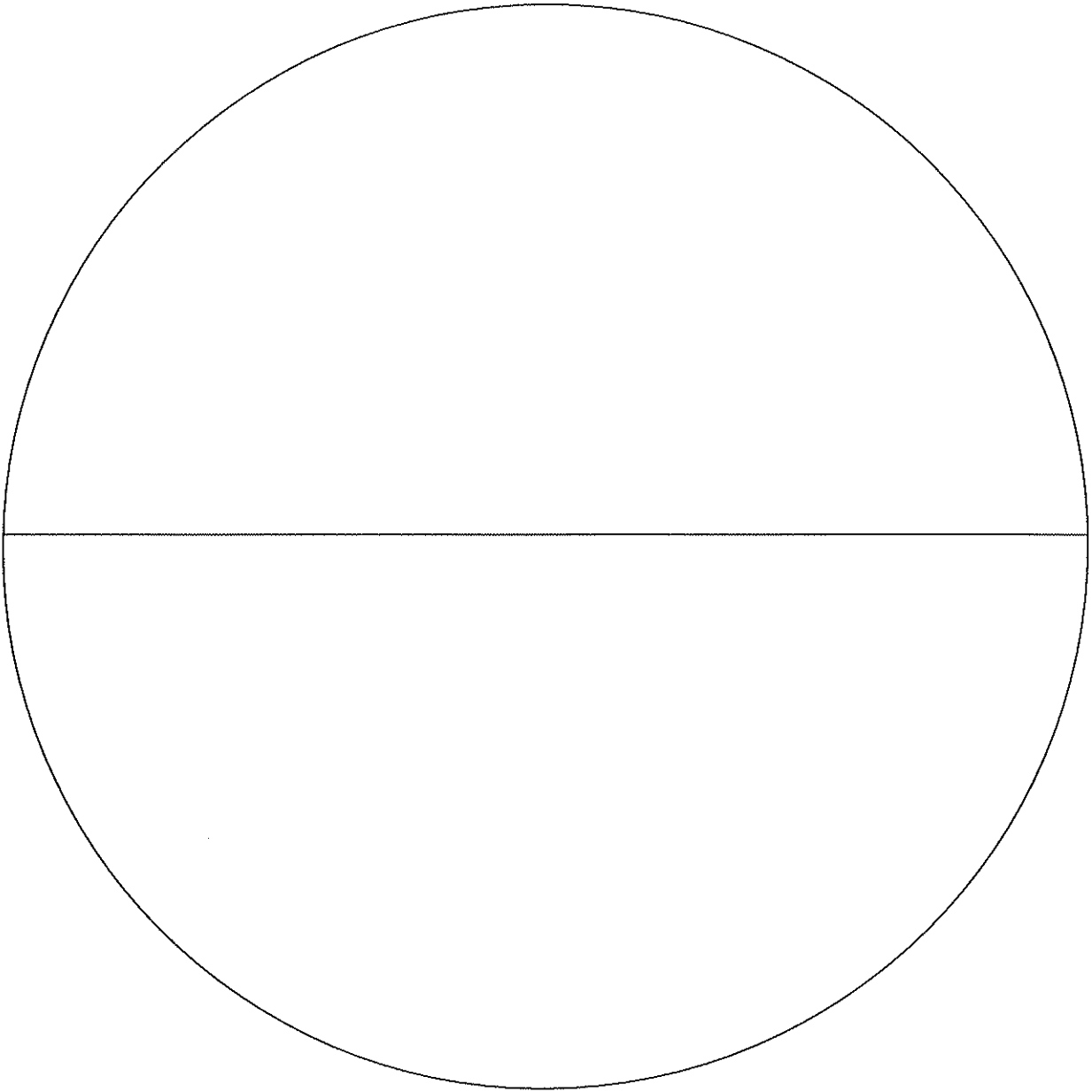
**Discussion:**

**11. Xerophytic vs hydrophytic leaves**



**Discussion:**

**12. Sun vs shade leaves**



**Discussion:**