

# Botany Questions

2011

1. What are the genus, species and cultivar names for the plant below?

Dwarf Burford holly (*Ilex cornuta* 'Burfordii Nana')

\_\_\_\_\_ - *Ilex*

\_\_\_\_\_ - *cornuta*

\_\_\_\_\_ - 'Burfordii Nana'

2. Plants make \_\_\_\_\_ from photosynthesis, which is their food.

3. \_\_\_\_\_ is the opposite of photosynthesis.

4. Xylem moves water and \_\_\_\_\_ through a plant.

5. Phloem moves \_\_\_\_\_ (food).

6. Food for a plant comes from the process of \_\_\_\_\_ not fertilizers.

7. Oak trees have \_\_\_\_\_ organs. They are \_\_\_\_\_.

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8. True or False. Palms are angiosperms like oak trees.

9. Growth Occurs in \_\_\_\_\_ tissue.

10. The thin layer of dividing cells called the \_\_\_\_\_ is responsible for diameter growth.