

Plant Evolution Cladogram K

Procedure:

1. Create a cladogram that shows the evolutionary milestones and relationships between the following plant types: **(10) Fern , (11) Angiosperm (Monocot & Dicot) (5) Moss, (10) Gymnosperm, - Also include the common ancestor that gave rise to plants in the beginning.**

3. Draw and color a picture representation of each type of plant next to its label on the cladogram.

4. List which of the following adaptations would belong to each group of plants.

- Naked Seeds
- Protected seeds
- Cones
- Spores
- Vascular Tissue
- Flowers
- Fruit
- Needles/Leaves
- Chloroplasts
- Low Growth
- Medium Height
- Tall Plants
- Frond
- Photosynthesis
- Roots/Stems
- Xylem
- Phloem
- Take in water by Osmosis

5. Using the internet find and place the following plant types in the correct location on your cladogram: (be careful as they all are not what they may seem)

- Asparagus Fern
- Ressurrection Fern
- Ashe Juniper
- Bald Cypress
- Spanish Moss
- Texas Hummingbird Mint
- Aloe Vera
- Lycopodium
- Stag's Horn Fern
- Donkey Ear

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