Common Ancestry Scavenger Hunt

Go to https://learn.genetics.utah.edu/content/evolution/evidence/ Find the information that completes the sentences.

1. All plants have structures in their cells called ______, which harness energy from sunlight. 2. (True / False) Plants are more closely related to animals than bacteria. 3. The oldest land plant fossils are about _____ million years old. 4. (True / False) Plants from long ago were much smaller than modern plants. 5. Flowering plants appeared about million years ago. 6. _____ and ____ have only one body opening. All other animals have two. 7. Cnidaria (jellyfish) and echinoderms (starfish) both have _____ symmetry. 8. Tunicates have shared ancestry with vertebrates. We know this because their larvae have a rigid structure, called a _____, running along their backs.

9. (True / False) Based on the fossil record, scientists believe that fish fins gradually changed over time to

10. Living birds are the descendants of _____ .

become amphibian legs.