**BIOL 301 – Reverse Lecture Quiz #3** **NAME:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Fill out the chart:

|  |  |  |
| --- | --- | --- |
|  | **Ulmaceae** | **Cucurbitaceae** |
| **Why do we care?** |  |  |
| **Habit** |  |  |
| **Leaf arrangement** |  |  |
| **Leaf composition and other characters** |  |  |
| **Significant reproductive structures** |  |  |
| **Ovary Position** |  |  |

1. Leaves in the Ulmaceae are typically two-ranked. Did you discover this? Do you understand what is meant by “two-ranked”?
2. What is significant about the leaf base in most members of the Ulmaceae?
3. What is a samara?
4. One member of the Ulmaceae is now essentially extinct throughout most of its range – did you discover this story? What is it?
5. What is significant about the tendrils in the Cucurbitaceae?
6. What is the diagnostic fruit for the Cucurbitaceae?
7. How do you carry water if you don’t have a bucket???
8. How did you learn about these families? What resources did you use? Do you feel comfortable about your level of understanding?
9. Did this quiz adequately capture your knowledge of these families? Is there anything else that you learned that is interesting and/or significant?

1. Did you feel prepared for the three families we covered this way on our last exam? What do we need to do differently?