Reading: Mammals

Read p. 582-590 - Answer the following questions: 1. What are synapsids, anaspids, and diaspids?

2. Describe the structure and functions of hair.

3. What are "vibrissae"?

□ Who has them? Why?

4. Compare and explain the relative digestive system lengths of insectivores, herbivores (both types) and carnivores:

5. Describe the structure and functions of norms and antiers. (If curious look up ossicones.)	
Horns	Antlers

5. Describe the structure and functions of horns and antlers. (If curious look up ossicones.)

6. Describe the structure and functions of glands.

7. Explain how marsupials are an intermediate form of placental mammals. (You may need to research this online as well as in your textbook.)

8. Explore **Morganucodon**, and establish some basic facts about this transitional fossil and justify this specimen as an intermediate form between reptiles and mammals.

9. What are mammary glands and how are they related to direct development?