Station #1

**1.**     **What is the genus of this specific specimen?**

**2.   What class is this specimen?**

**3.**     **What period on the geologic timescale did the specimen go extinct?**

**4.**  **What mode of preservation did this specimen undergo to become fossilized?**

**5.**     **What was the environment the specimen would be found in before it became a fossil?**

**6.**     **The walls on this specimen are pierced by pores known as what?**

Station #2



**1.**     **What is the genus of the specimen?**

**2.**     **What is the phylum of this specimen?**

**3.**     **What is the environment that the specimen lived in? (Be specific)**

**4.**     **When did this specimen first appear?**

**5.**     **How did this specimen eat?**

**6.**     **What is this species closest living relative?**

Station #3

**1.**     **Give an example of a trace fossil.**

**2.**     **What environment might this trace fossil have been found in?**

**3.**     **What other organisms can be identified within this trace fossil?**

**4. What type of rock was this fossil formed in?**

**5. What is the process called in which water dissolves the original hard parts and replaces them with mineral matter?**

Station #4



1. **Identify the family of this specimen.**
2. **What means did this specimen use to get food?**
3. **What is the class of this specimen?**

**4. When was the first discovery of this specimen?**

**5. What environment did this specimen live in?**

**6. What was the time period of this specimen?**

Station #5

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1. **What is the genus of this specimen?**
2. **What is the closest living relative to the specimen?**
3. **What external anatomical feature did this specimen share with birds?**
4. **Alongside being carnivores, this species was also known for being what?**
5. **What order is this species a part of?**
6. **Was this a social creature?**

Station #6

**1. Identify the genus of this specimen?**

**2. What is the phylum of this specimen?**

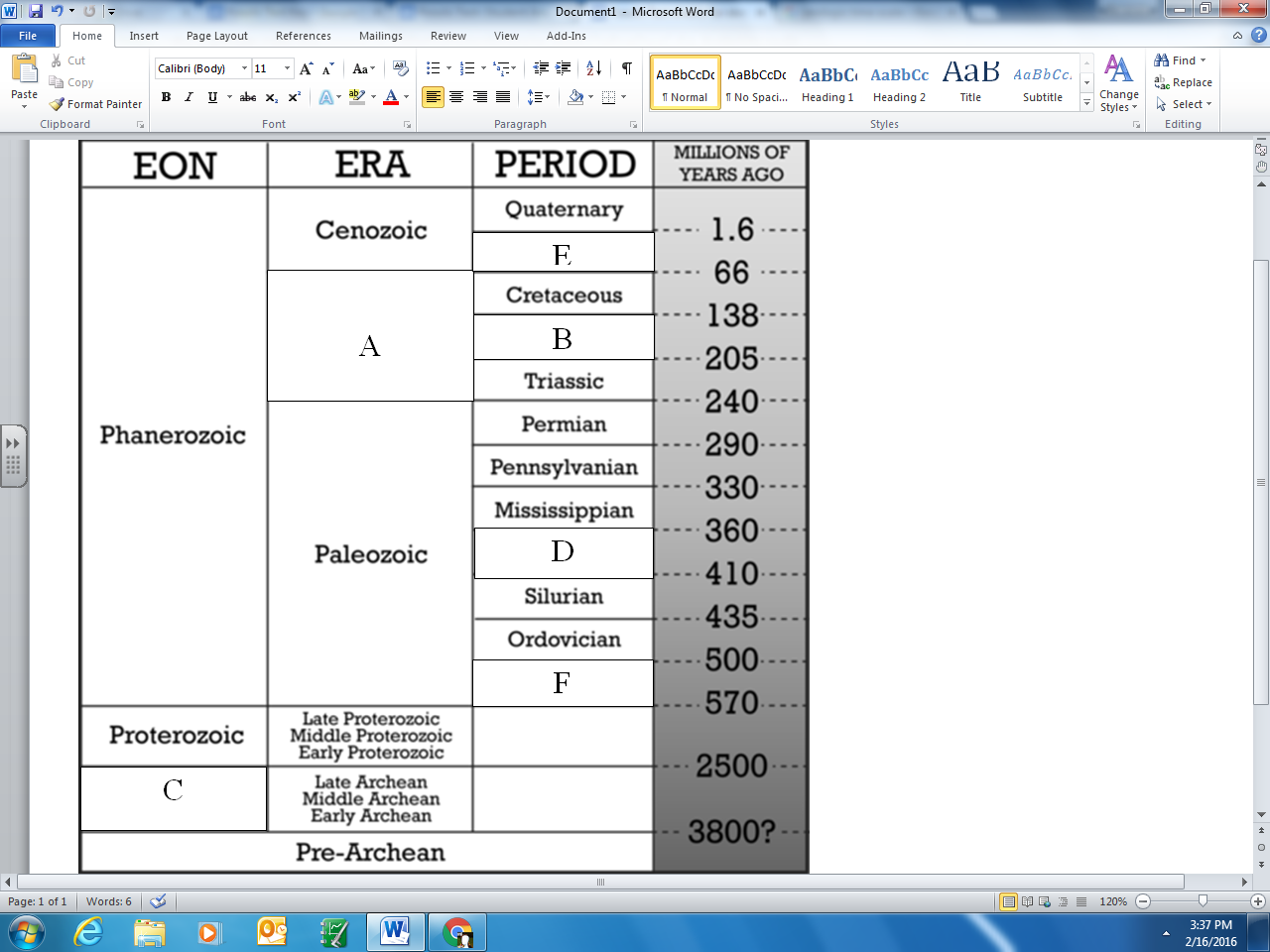
**3. True or False: This specimen is part of the kingdom plantae.  If true, what species does it mostly resemble today? If false, what kingdom does it belong to?**

**4. During what period did it exist?**

**5. What is this fossil commonly referred to as?**

**6. What state has this specimen as its state fossil?**

Station #7

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Station #8

**1. Out of the three general types of rocks, what is the most common type to have fossils?**

**2. Identify rock #1.**

**3. Identify rock #2.**

**4. Identify rock #3.**

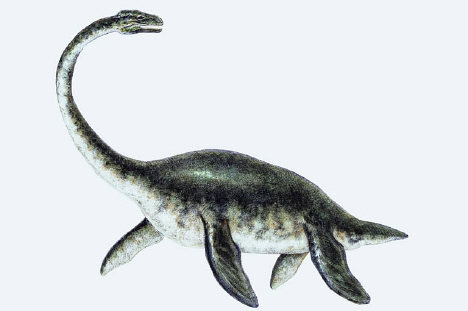
**5. Identify rock #4.**

**6. True of False: Rock #4 reacts to acid.**

**Station #9**

1. **What is the genus of this specimen?**
2. **Judging by the fossil presented, what type of food did the specimen eat?**
3. **In what period did this specimen go extinct in?**
4. **What would be the closest living relative to the specimen above?**
5. **In what hemisphere are fossils of this specific genus commonly found?**
6. **What is the order of this specimen?**

Station #10



1. **What is the class of this specimen?**
2. **What is the order of this specimen?**
3. **When did this species first appear?**
4. **What environment did this specimen live in?**
5. **This specimen has been found on which continent(s)? Write all letters that apply.**
6. **Antarctica**
7. **North America**
8. **Europe**
9. **Asia**
10. **Africa**
11. **Australia**
12. **South America**

**6.True or false. This specimen is among the first reptile fossils ever**

**found.**

**Station #11**

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1. **What is the genus of this specimen?**
2. **What is the class of this specimen?**
3. **What is the time period where the majority of these species lived in?**
4. **True or false. This specimen is a vertebrate**
5. **What mode of feeding did the specimen undergo?**
6. **What is the shell of this specimen called?**

**Station #12**

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1. **What is the genus of this specimen?**
2. **When did this genus go extinct?**
3. **What common animal is this specimen closely related to?**
4. **True or false. This animal was a predator.**
5. **Were this animal’s large canines used for acquiring food?**
6. **When did this species first appear?**