Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_  
  
The 5 Kingdoms of Living Things Research

1. Before Carl Linnaeus, who originally was the first person to classify living things?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Carolus Linnaeus then came along in the 1700's and created a classification system dividing all living things into 7 levels. What are those 7 levels? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
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3. What two kingdoms were combined to create the Kingdom Monera?   
  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Kingdom Monera**

4. This kingdom is also known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. This kingdom includes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with the following characteristics:

-They are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-They may or may not move.

-Most do not have a cell wall but some do.

-They have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-Most are very small except \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-They have no visible feeding mechanism.

-Some can make their own energy with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and others have to absorb

nutrients.

6. What are some examples of species in the Kingdom Monera and where you would find these bacteria:

**Kingdom Protista**

7. Also known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. This Kingdom includes organisms with the following characteristics:

-They are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-They have a nucleus and some may have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-They usually don't have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, although some may have a type of cell wall.

-They move with a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-Nutrients are acquired by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, ingestion of other organisms or both.

9. What are a couple of examples of protists? You may have to look up a few on your own.

**Kingdom Fungi**

10. Also known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11. This Kingdom includes organisms with the following characteristics:

-They are multicellular (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

-Their cells have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-Their cells have a **Cell Wall** made of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-They get their energy from absorbing the nutrients from other things, mostly   
  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-Their size ranges from microscopic to very large.

-They have no \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11. What are some examples of fungi?

**Kingdom Plantae**

12.Also known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

13. This Kingdom includes organisms with the following characteristics:

-They are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (contain many cells)

-They have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made of cellulose.

-They get their energy through Photosynthesis   
  
(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

-Most plants have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

14. What are some examples of species in the plant kingdom? Can you think of a few on your own?

**Kingdom Animalia**

15. Also known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

16. This Kingdom includes organisms with the following characteristics:

-They are multicellular (contain many cells)

-Their cells have a nucleus but NO \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.\*\*\*

-Their cells are surrounded by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-They get their energy from eating \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

-They move through the use of flagella, cilia or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

17. What are some examples of species in the animal kingdom? Can you think of a few on your own?

**Extra Credit:** Once you have gathered all the information about the 5 kingdoms, test your knowledge by gathering information about these10 organisms and then determine which kingdom they belong to. Go back to the main page and just click on each picture to learn more about these organisms. Once you have read a little bit about each organism, write next to the organism which of the 5 kingdoms they belong to.

1. Bottlenose Dolphin \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Largest flower on earth \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Giardia \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Botulism or Botox \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Staphylococcus \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. White Truffle Mushroom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Venus Fly Trap \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Diatoms \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Sea Sponge \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. Shelf Mushroom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_