Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

P. \_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Kingdom Mystery Organisms**

First, read the “Description” of the organism. Next, figure out what the organism is called and write the Organisms’ Name and the Kingdom the organism belongs to in the blank provided.

 

**Organism Names**: shelf fungus, paramecium, apple tree, kelp, mushroom, *E. coli*, slime mold,

 Venus flytrap, thermophilic microbes, cow, algae, hawk

**Kingdom Names**: Eubacteria, Archaebacteria, Plantae, Protista, Animalia, Fungi

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Description** | **Organism Name** | **Kingdom** |
| 1 | I am a multicellular, photosynthetic, marine, organism with motile sperm cells. I grow very fast and live my adult life attached to rocks being pounded by waves. I am plant ***like***, but I have a simple body with**out** complex specialized cells such as roots. |  |  |
| 2 | I am a single-celled, prokaryotic organism that lives in the large intestines of mammals like humans. I reproduce asexually by binary fission (splitting in half) and can reproduce this way very fast. |  |  |
| 3 | I am a multicellular producer that lives on land. I grow flowers with eggs and pollen inside them, and produce seeds inside of fruits. I;m a producer. |  |  |
| 4 | I am a single celled organism that lives in pondwater. My body is covered with cilia (little hairs that I use to move me around), and I can swim very fast. I eat bacteria. I’m animal ***like***. |  |  |
| 5 | I am both unicellular and multicellular depending on how old I am. When I am getting ready to reproduce, my cells join together to make a slippery, slithering mass that is bright orange. When mature, I dry out and release millions of spores. I eat by digesting dead leaves and absorbing the nutrients. My name is tricky—I’m not truly a mold. |  |  |
| 6 | I am multicellular, and my body is shaped like a thread. I live in water and turn it bright green when my population explodes. I reproduce sexually. I’m plant ***like*** but do not have roots, stems, or leaves. |  |  |
| 7 | I am a multicellular consumer that eats by ingesting grass. My species have males and females, and we can**not** reproduce asexually. |  |  |
| 8 | I am enormous but mostly invisible because my body is hidden under soil. When sexually mature I make spores in fruiting bodies that rise above the soil and release millions of spores. I eat by digesting dead plant material in the soil as I grow through it. |  |  |
| 9 | I grow inside living trees and slowly decompose their wood, making it rot. I got inside the tree back when I was a spore that landed on a wound made by a weed-eater. My body is a whitish, thready mass called a mycelium. I eventually kill my host tree. I am a eukaryote. |  |  |
| 10 | I am a fast-moving multicellular predator. My body has organs and tissues. I have excellent eyesight and my favorite food is ducks. I can fly |  |  |
| 11 | I am photosynthetic and multicellular. I make my own glucose food from sunlight, but get my fertilizer from insects I can catch in my folding leaves. |  |  |
| 12. | I am a single celled prokaryotic organism. I live in hot springs where you would think that nothing could survive. |  |  |