|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Organism Group** | **Kingdom** | **Complexity: Prokaryotic or Eukaryotic** | **Organization: Unicellular or Multicellular** | **Reproduction: Asexual or Sexual** |
|  | If **Animalia**, Vertebrate or Invertebrate? | If **prokaryote**, are they extreme living? | If **multicellular**, do they have vascular tissue? | If **sexual**, give more information such as – spores, seeds, lay eggs, protect in fruit, etc. |
| **Archaebacteria** |  |  |  |  |
| **Eubacteria** |  |  |  |  |
| **Protists** |  |  |  |  |
| **Fungus** |  |  |  |  |
| **Bryophytes** |  |  |  |  |
| **Ferns** |  |  |  |  |
| **Gymnosperms** |  |  |  |  |
| **Angiosperms** |  |  |  |  |
| **Annelids** |  |  |  |  |
| **Insects** |  |  |  |  |
| **Amphibians** |  |  |  |  |
| **Mammals** |  |  |  |  |
| **Aves** |  |  |  |  |
| **Echinoderms** |  |  |  |  |
| **Reptilia** |  |  |  |  |

**Analysis Questions:**

1. How do single-cellular and multicellular organisms carry out their life functions differently? Give specific examples.

2. How do plants and animals differ in the way they carry out each life function? Give specific examples for each of the following functions: Transport, Excretion, Gas Exchange, Nutrition, Reproduction, Growth and Development, and Regulation.

**Create an tree style diagram that represents the relationships between the organisms. See classroom examples.**