

SC.912.L.15.6 – Classification – Example 4 Answer

Some characteristics of a recently discovered organism are listed in the following table.

Organism Characteristics
Eukaryotic
Multicellular
Produces spores
Can reproduce sexually and asexually
Lacks chlorophyll
Non-motile

Based on the given characteristics, this organism would be classified in which kingdom?

- A. eubacteria
- B. fungi
- C. plantae
- D. protista

Answer

B. fungi

Fungi do not have chlorophyll because they are heterotrophs. Like us, they have to find food to eat and cannot make it themselves. Being non-motile (cannot move) this presents a challenge so they must produce spores to distribute themselves to new places where food sources are located.