



KEY VOCABULARY

classification

the **arrangement of animals and plants into groups** according to their observed similarities

organism

an **individual animal, plant, or single-celled life form**

animal

a **living organism that feeds on organic matter**, typically having specialised sense organs and nervous system and are able to respond rapidly to stimuli

plant

a living organism such as trees, shrubs, herbs, grasses, ferns, and mosses, typically growing in a permanent site, **absorbs water and inorganic substances through its roots**, and **makes nutrients** in its leaves by photosynthesis using chlorophyll

taxonomy

the branch of **science concerned with classification**, especially of organisms

Carl Linnaeus

Carl Linnaeus was a scientist who designed the system of classification that we use for plants and animals today



kingdoms of living things

plant

absorb water and nutrients in soil
makes nutrients through photosynthesis



animal

feeds on organic matter
specialised organs
respond to stimuli



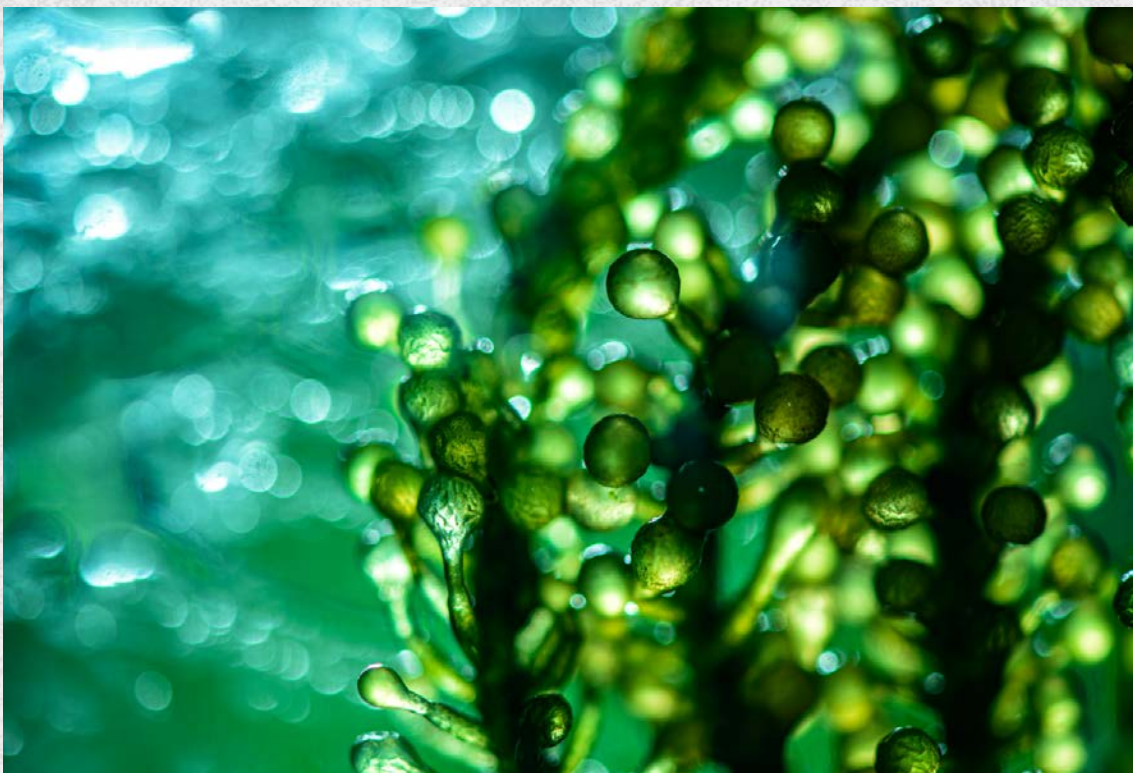
fungus

have cell wall
break down decaying material



protist

unicellular or multicellular organism
features of plant or animal or both



prokaryotes
(bacteria)

Single cell simple organisms
a cell wall (not all bacteria), cell membrane or cell nucleus

