

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

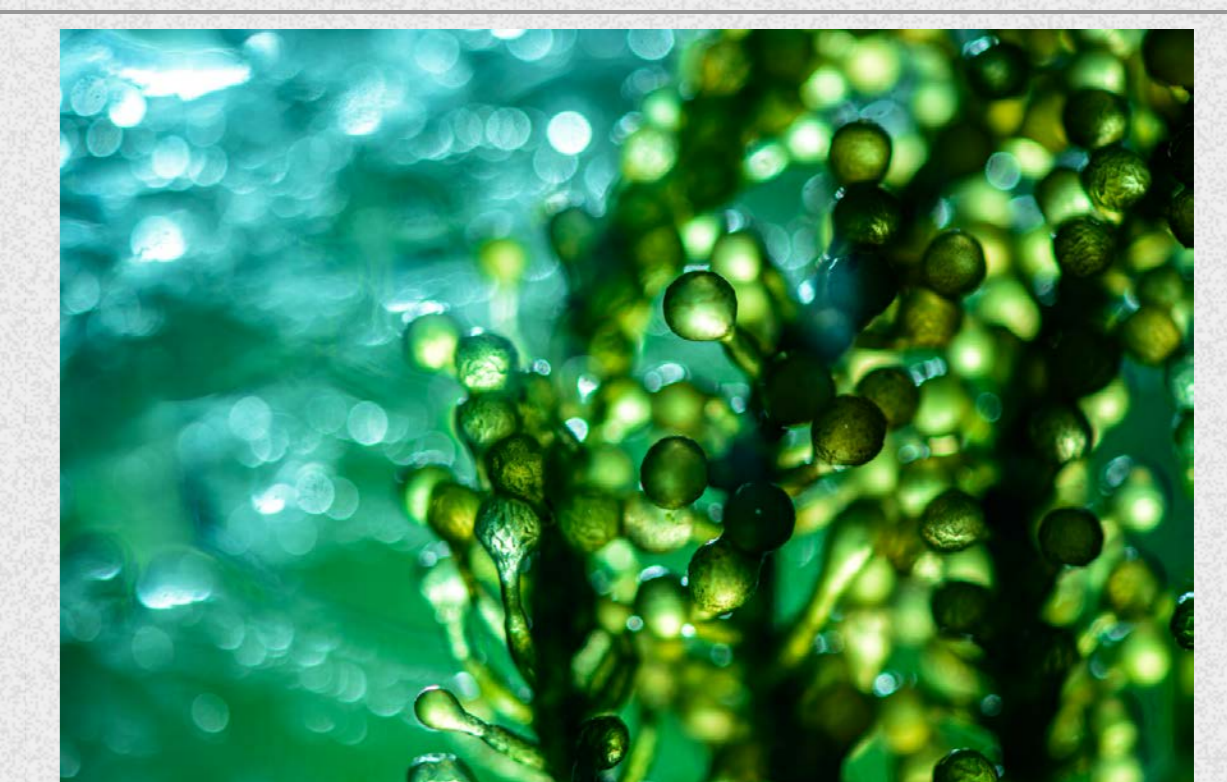
break down decaying material



**protist**

unicellular or multicellular organism

features of plant or animal or both



**prokaryotes (e.g. bacteria)**

single cell organisms that lack a nucleus

