

Algae



- We are chlorophyll-bearing, simple, and primitive plants.
- The plant body of us is called a thallus.
- The branch of the study of algae is called phycology or algology.

Classification of Algae

We are classified based on the pigments we possess.

Red Algae (Rhodophyceae)



Our pigment is Phycoerythrin.

We are the so-called Rhodophyta.

E.g. of us is Polysiphonia

Green Algae (Chlorophyceae)



Our pigment is Chlorophyll.

E.g. of us is Chlamydomonas

Blue Green Algae (Cyanophyceae)



Our pigment is Phycocyanin.

E.g. of us is Oscillatoria

Brown Algae (Phaeophyceae)



Our pigment is Fucoxanthin.

E.g. of us is Laminaria