

Bryophytes



- We Bryophyta originated from the word ‘Bryon’ meaning mosses and ‘phyton’ meaning plants.
- We lack vascular tissues.
- The study of bryophytes is called bryology.
- We live on land and in water. Therefore, we have named amphibians of the plant kingdom.

Classification of Bryophytes

We are classified into three classes.

Hepaticae (E.g. Riccia)



- Our gametophyte plant is either thalloid or foliose
- Our sporophyte is made up of only a capsule (in Riccia) or foot, seta, and capsule (in Marchantia)

Anthocerotota (E.g. Anthoceros)



- Our gametophytic body is flat, dorsiventral, and simple thalloid without internal differentiation
- Our sporophyte is differentiated into foot, meristematic zone, and capsule

Bryopsida (E.g. Funaria)



- Our gametophyte is differentiated into protonema and foliose gametophore
- Our sporophyte is differentiated into foot, seta, and capsule