

BIOTIC COMPONENTS OF ECOSYSTEM

Functionally, the biotic components may broadly be classified into two major groups:-

(A) Autotrophic components

(B) Heterotrophic components

(A) Autotrophic components:-

They convert solar energy into chemical energy in the form of complex organic substances with the help of some inorganic substances. These are two groups:-

(i) Photoautotrophs, ex- trees, grasses.

(ii) chemoautotrophs, ex- sulphur bacteria.

(B) Heterotrophic components:-

The activities of utilization, rearrangement and decomposition of complex organic materials predominates in this component of the ecosystem.

The consumers are of following two major types:-

(a) Macroconsumers (b) Microconsumers