

2. Sexual.

III. Ascomycota - sac fungi.

A. Reproduction.

1. Asexual spores produced on hyphal tips - conidia.
2. Sexual reproduction.

B. Energy util. - food web role.

IV. Basidiomycota - club fungi.

- A. Reproduction.
 - 1. Asexual spores produced on hyphal tips.
 - 2. Sexual reproduction.

B. Energy util. - food web role.

V. Imperfect fungi.

- A. Fungi with no known sexual stage.
- B. Most are likely Ascomycota.
- C. Bread molds -.

VI. Key Terms.

hyphae
mycelium
fragmentation
budding
spores
sporangium
conidia

Ascomycota
ascus
ascospores
mycorrhizae
lichen
Basidiomycota

basidium
basidiospores
plasmogamy
karyogamy
heterokaryotic
dikaryotic