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MSB 100 MYCOLOGY

Introduction:

Mycology is the study of fungi

Reproduction

- b) **Sexual reproduction** is carried out by fusion of compatible nuclei of two parent cells.
- Production of sexual spores occurs less frequently, later in life , and are produced in smaller numbers compared to asexual spores.

Taxonomy of fungi

- Two classification systems used:

1. Morphological classification of fungi:

- Fungi are grouped into 4 morphologic classes:

(i). **Moulds**

- They are multi-cellular and filamentous fungi. The filaments (hyphae) usually branch and intertwine to form a network called mycelia.

Classification conti--

2. Systematic classification

Based on characteristics of sexual spores:
But differences in opinion are still numerous.

Fungi classified into kingdom, divisions, subdivisions, classes, subclasses, orders, families, genera and species.