


Science Text book Chapter 9 Sec 4

a reproductive part of fungi

the part of a fungi that you see

contains the spores (like seeds)

fruiting bodies



Fungi of Japan Yama-kei Publishers Co. Ltd. 1985

This diagram illustrates the concept of fruiting bodies in fungi. It features a large circle containing text and a photograph. The text describes fruiting bodies as the visible, reproductive part of a fungus that contains spores, comparing them to seeds. The photograph shows a prominent, orange, shelf-like fungus growing on a tree trunk, which is an example of a fruiting body.

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another way fungi reproduce

similar to mitosis

no spores are produced

fungi grows a bud

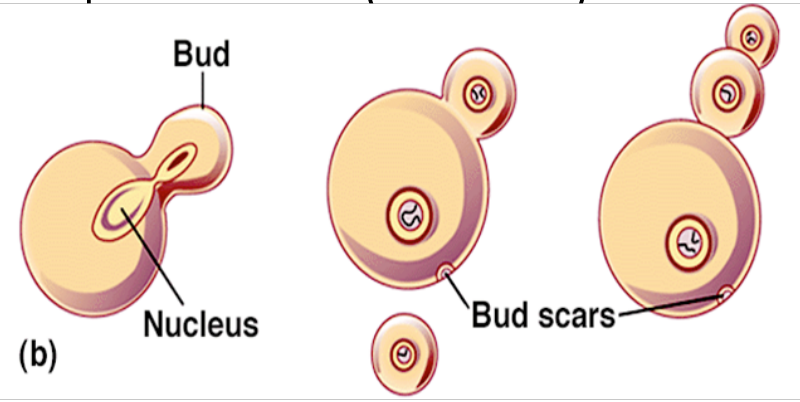
budding

Bud

Nucleus

Bud scars

(b)



This diagram illustrates the process of budding in fungi. It features a large circle containing text and a detailed diagram of the process. The text describes budding as another way fungi reproduce, similar to mitosis, where no spores are produced. Instead, the fungus grows a bud, which then detaches, leaving a scar on the parent cell. The diagram shows a cell with a nucleus forming a bud, which then detaches, leaving a scar on the parent cell. The diagram is labeled (b).

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mutualistic
relationship

combination of
fungus and
algae or
bacteria

looks like a crusty
patch on a tree or
rock

lichen

