

CHAPTER 23 FUNGI**Review the Key Terms**

Use the Chapter 23 key terms in the box to fill in the puzzle. You will not use all the terms.

chitin (KI tun)
 conidiophore (kuh NIH dee uh for)
 haustoria (haw STOR ee uh)
 hypha (HI fuh)
 sporangium (spuh RAN jee um)
 mycelium (mi SEE lee um)

- sac or case where spores are produced _____ r _____ g _____
- complex carbohydrate found in the cell walls of some fungi _____ i _____
- hyphae that grow into host cells without killing them _____ t _____
- network of filaments _____ y _____
- basic structural unit of fungi _____ p _____

Use the key terms in the box below. Review the definitions of these terms. Then draw a line to match each term in the box with its definition.

a. ascospore
 b. ascus
 c. basidia (buh SIH dee uh)
 d. basidiospore
 e. conidium (kuh NIH dee um)

- small sac in which sexual spores develop
- spore produced by basidia
- asexual spore in a chain of spores
- club-shaped hyphae
- spore produced in an ascus

Look at the key term statements below. If the statement is true, write *T* on the line. If the statement is false, write *F*.

- _____ 11. A **stolon** (STOH lun) is a hypha that grows across a food source.
- _____ 12. A **zygospore** (ZI goh spor) is a fungal structure with a haploid nucleus.
- _____ 13. A **rhizoid** (RI zoyd) is a fungus that has a symbiotic relationship with green algae.
- _____ 14. **Lichen** (LI kun) are club-shaped hyphae.
- _____ 15. A **gametangium** (gam uh TAN jee um) is a fungal structure with a haploid nucleus.