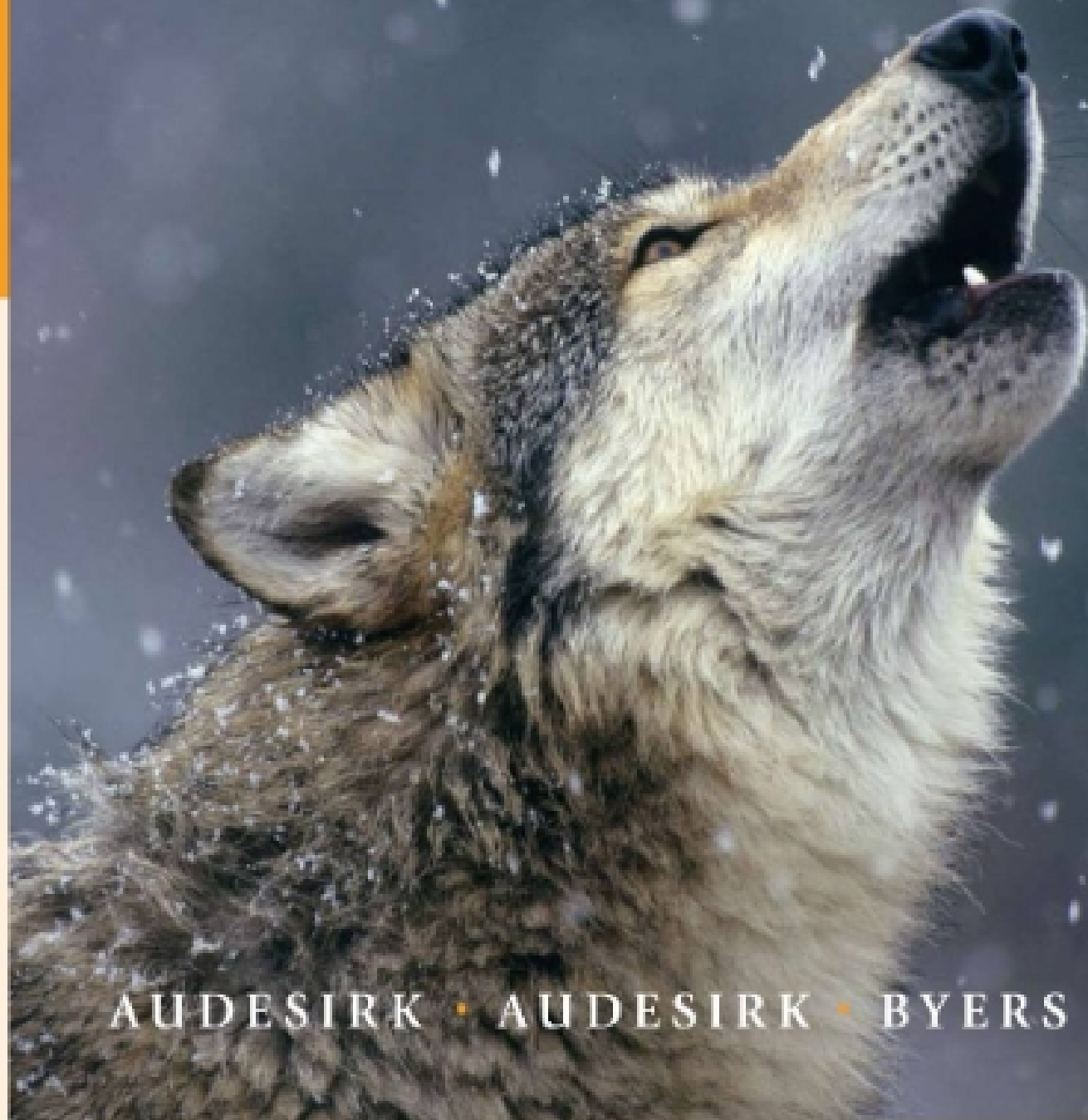


NINTH EDITION

BIOLOGY

LIFE ON EARTH



Chapter 22

The Diversity of Fungi

Lecture Outlines by Gregory Ahearn,
University of North Florida

Chapter 22 At a Glance

- 22.1 What Are the Key Features of Fungi?
- 22.2 What Are the Major Groups of Fungi?
- 22.4 How Do Fungi Affect Humans?

22.1 What Are the Key Features of Fungi?

- Fungal bodies consist of slender threads
 - Most fungi are multicellular
 - Cells are surrounded by cell walls composed of *chitin*, a nitrogen-containing polysaccharide
 - The body of almost all fungi is a **mycelium**, an interwoven mass of threadlike filaments called **hyphae** (singular, hypha)