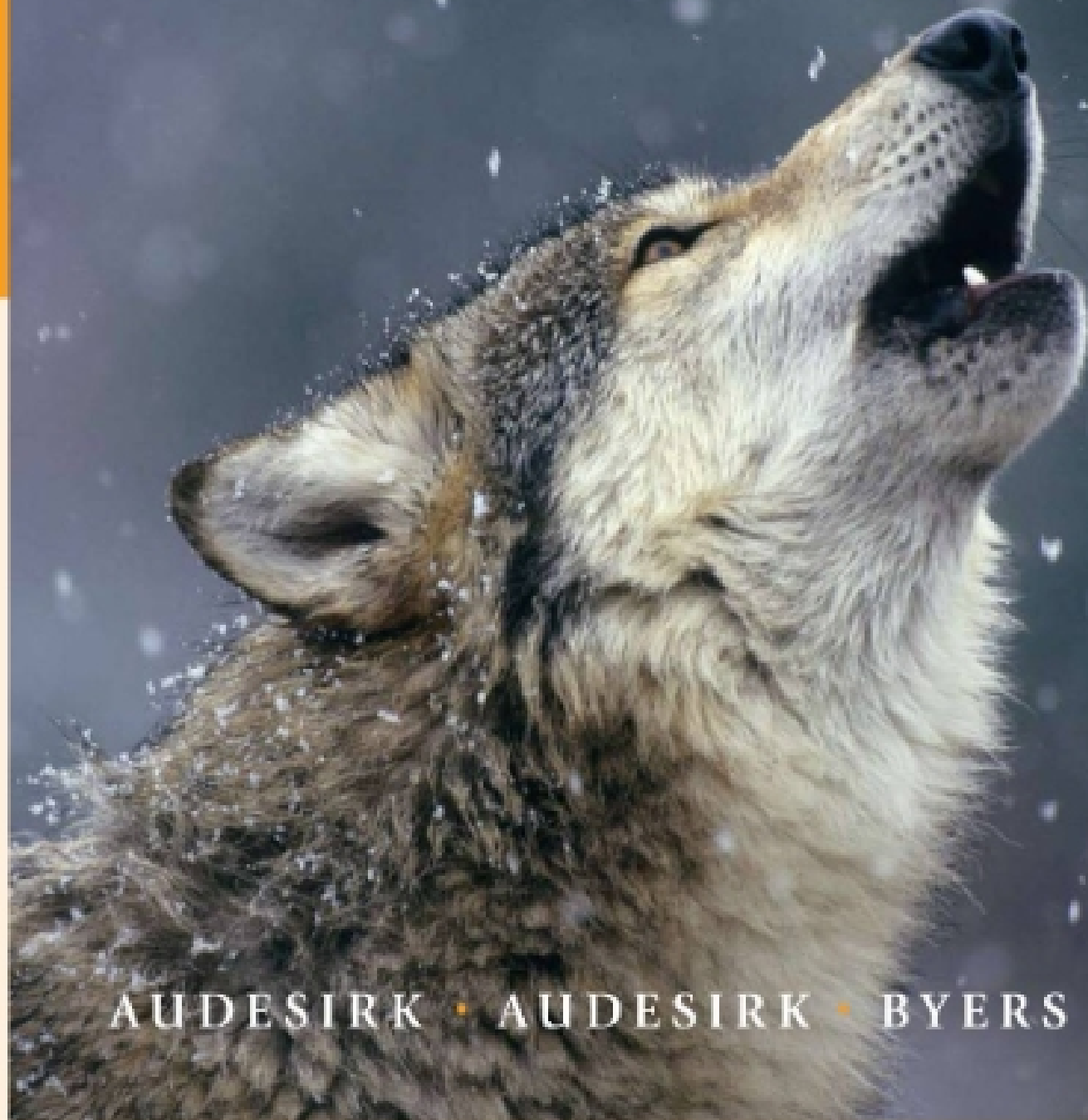


NINTH EDITION

BIOLOGY

LIFE ON EARTH



Chapter 23

Animal Diversity I: Invertebrates

Lecture Outlines by Gregory Ahearn,
University of North Florida

Chapter 23 At a Glance

- 23.1 What Are the Key Features of Animals?
- 23.3 What Are the Major Animal Phyla?

23.1 What Are the Key Features of Animals?

- Animals possess all of the following characteristics
 - Multicellularity
 - Their cells lack a cell wall
 - They obtain energy by consuming other organisms
 - Most reproduce sexually
 - They are motile at some point in the life cycle
 - They are able to respond rapidly to external stimuli