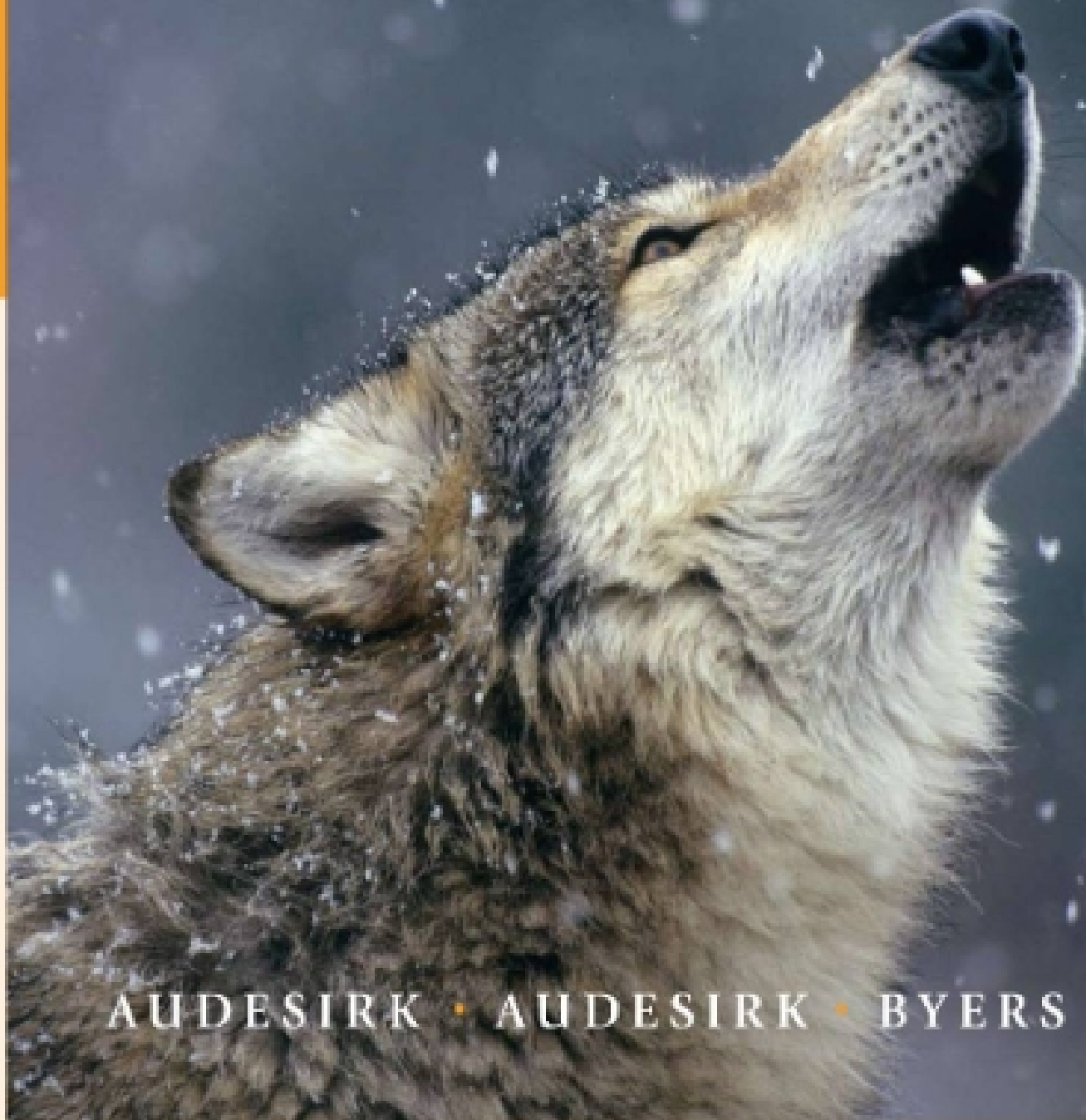


NINTH EDITION

# BIOLOGY

LIFE ON EARTH



## Chapter 44

### Plant Reproduction and Development

Lecture Outlines by Gregory Ahearn,  
University of North Florida

# Chapter 44 At a Glance

- 44.1 How Do Plants Reproduce?
- 44.2 What Is the Function and Structure of the Flower?
- 44.3 How Do Fruits and Seeds Develop?
- 44.5 How Do Plants and Their Pollinators Interact?

## 44.1 How Do Plants Reproduce?

- Many plants can reproduce either sexually or asexually
  - During asexual reproduction, part of an existing plant uses mitotic cell division to produce a new plant
  - Asexually produced offspring, therefore, are genetically identical to the parent