

pp. 111–120

2 class session(s)

KEY: *SE* = Student Edition, *TWE* = Teacher Wraparound Edition, *TCR* = Teacher Classroom Resources, *BDOL* = Biology: The Dynamics of Life, *URB* = Unit Resources Booklet

Section Objectives

- **Explain** biodiversity and its importance.
- **Relate** various threats to the loss of biodiversity.

National Science Content Standards

UCP.1–3; A.1, A.2; C.4–6; E.1, E.2; F.1–6; G.1–3

Focus

- _____ Section Focus Transparency 10 and Master, *TCR/URB*
- _____ Two-Minute Chapter Launcher, *TWE* p. 110
- _____ Bellringer, *TWE* p. 111

Teach

- _____ MiniLab 5.1, *SE* p. 112
- _____ Problem-Solving Lab 5.1, *SE* p. 115
- _____ Internet BioLab, *SE* p. 126
- _____ Quick Demo, *TWE* p. 117
- _____ Additional Lab, *TWE* p. 118
- _____ *MiniLab Worksheet*, pp. 101–102 *URB*
- _____ *BioLab Worksheet*, pp. 105–106 *URB*
- _____ *Laboratory Manual*, pp. 23–24 *TCR*
- _____ *Probeware Labs*, pp. 9–12 *TCR*
- _____ *Concept Mapping*, p. 119 *URB*

Assess/Reteach

- _____ Section Assessment, *SE* p. 120
- _____ Check for Understanding, *TWE* p. 120
- _____ Reteach, *TWE* p. 120
- _____ *Reinforcement and Study Guide*, *URB* English, pp. 111–113; Spanish, pp. 115–117
- _____ Reteaching Skills Transparencies 7a, 7b, 7c and Masters, *TCR/URB*

Enrichment/Application

- _____ Project, *TWE* pp. 113, 114, 117
- _____ Enrichment, *TWE* pp. 113, 117, 119
- _____ Extension, *TWE* p. 120
- _____ *Critical Thinking/Problem Solving*, p. 120 *URB*
- _____ *Real World BioApplications*, pp. 107–108 *URB*

Chapter Assessment

- _____ Assessment, *TWE* pp. 112, 115, 119, 120
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*

Multimedia Options

- _____ **Interactive Chalkboard CD-ROM:**
- _____ Section 5.1 Presentation
- _____ **MindJogger Videoquizzes**, Ch. 5 DVD/VHS
- _____ **ExamView® Pro Testmaker CD-ROM**, Ch. 5
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ **TeacherWorks™ CD-ROM**
- _____ **Guided Reading Audio Summaries MP3**
- _____ **Virtual Labs CD-ROM**
- _____ Virtual Lab: *Assessing Water Quality*
- _____ Glencoe Science Web site: bdol.glencoe.com

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Section Objectives

- Describe strategies used in conservation biology.
- Relate success in protecting an endangered species to the methods used to protect it.

National Science Content Standards

UCP.1–3; A.1, A.2; C.4–6; E.1, E.2; F. 2–6; G.1–3

Focus

- _____ Section Focus Transparency 11 and Master, *TCR/URB*
- _____ Bellringer, *TWE* p. 121

Teach

- _____ MiniLab 5.2, *SE* p. 122
- _____ Problem-Solving Lab 5.2, *SE* p. 124
- _____ Connection to Art, *SE* p. 128
- _____ Quick Demo, *TWE* p. 124
- _____ *MiniLab Worksheet*, p. 103 *URB*
- _____ *Reading Essentials for Biology*, Section 5.2 *TCR*
- _____ *Reading and Writing in the Science Classroom*, *TCR*
- _____ *Transparency Worksheet*, p. 122 *URB*

Assess/Reteach

- _____ Section Assessment, *SE* p. 125
- _____ Check for Understanding, *TWE* p. 125
- _____ Reteach, *TWE* p. 125
- _____ *Reinforcement and Study Guide*, *URB*: English, p. 114; Spanish, p. 118

Enrichment/Application

- _____ Extension, *TWE* p. 125
- _____ Tech Prep, *TWE* p. 122
- _____ *Real World BioApplications*, pp. 109–110 *URB*

Chapter Assessment

- _____ Chapter Assessment, *SE* pp. 129–131
- _____ Assessment, *TWE* pp. 122, 123, 124, 125
- _____ **Interactive Chalkboard CD-ROM**, Chapter 5 Assessment
- _____ *Chapter Assessment*, p. 129 *URB*
- _____ *Student Recording Sheet*, p. 135 *URB*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*
- _____ *The Princeton Review: Reviewing Biology*, pp. 9–10 *TCR*

Multimedia Options

- _____ **Interactive Chalkboard CD-ROM**: Section 5.2 Presentation
- _____ **MindJogger Videoquizzes**, Ch. 5 DVD/VHS
- _____ **ExamView®Pro Testmaker CD-ROM**, Ch. 5
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ **TeacherWorks™ CD-ROM**
- _____ **Guided Reading Audio Summaries MP3**
- _____ Glencoe Science Web site: bdol.glencoe.com

Lesson Plan
BioDigest
Unit 2

Ecology

pp. 132–135

1/2 class session(s)

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National Science Content Standards

UCP.1, UCP.2; C.3–5; F.4

Focus

_____ Bellringer, *TWE* p. 132

Teach

_____ Focus on Adaptations—Symbiosis, *SE* p. 132

_____ Focus on Adaptations—Pioneer Species, *SE* p. 134

_____ Vital Statistics, *SE* p. 134

_____ Quick Demo, *TWE* p. 133

Assess/Reteach

_____ Check for Understanding, *TWE* p. 135

_____ Reteach, *TWE* p. 135

_____ *Reinforcement and Study Guide*, *URB*: English, pp. 137–138; Spanish, pp. 139–140

Enrichment/Application

_____ Extension, *TWE* p. 135

_____ Tech Prep, *TWE* p. 134

Assessment

_____ Assessment, *TWE* p. 135

_____ *Student Recording Sheet*, p. 141 *URB*

Notes