



KEY: *SE* = Student Edition, *TWE* = Teacher Wraparound Edition, *TCR* = Teacher Classroom Resources, *NGS* = National Geographic Society videodisc, *BDOL* = Biology: The Dynamics of Life

Section Objectives

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

Focus

- _____ Section Focus Transparency 10 and Master Getting Started Demo, *TWE* p. 114
- _____ Bellringer, *TWE* p. 115

National Science Content Standards

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

Georgia QCC

1.1, 1.2, 2.1, 3.2, 25.1, 25.2, 25.3, 26.2, 27.1, 27.2

Teach

- _____ MiniLab 5-1, *SE* p. 116
- _____ Problem-Solving Lab 5-1, *SE* p. 119
- _____ Internet BioLab, *SE* p. 130
- _____ Cultural Diversity, *TWE* p. 117
- _____ Portfolio, *TWE* pp. 118, 120, 121
- _____ Biology Journal, *TWE* p. 118
- _____ Quick Demo, *TWE* pp. 121, 122
- _____ Alternative Lab, *TWE* p. 122
- _____ *BioLab and MiniLab Worksheets*, pp. 21–22 *TCR*
- _____ *Laboratory Manual*, pp. 31–34, 35–38 *TCR*
- _____ *Concept Mapping*, p. 5 *TCR*
- _____ *Spanish Resources*

Assess/Reteach

- _____ Section Assessment, *SE* p. 124
- _____ Reinforcement, *TWE* p. 123
- _____ Check for Understanding, *TWE* p. 123
- _____ Reteach, *TWE* p. 124
- _____ *Content Mastery*, pp. 21–22, 24 *TCR*
- _____ *Reinforcement and Study Guide*, pp. 19–21 *TCR*
- _____ Reteaching Skills Transparencies 7a, 7b, 7c and Masters

Enrichment/Application

- _____ Project, *TWE* pp. 117, 119
- _____ Enrichment, *TWE* pp. 117, 121, 123
- _____ Extension, *TWE* p. 124
- _____ *Critical Thinking/Problem Solving*, p. 5 *TCR*
- _____ *Tech Prep Applications*, pp. 5–6 *TCR*

Chapter Assessment

- _____ Assessment, *TWE* pp. 116, 119, 121, 123, 124
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*

Close

- _____ Activity, *TWE* p. 124

Multimedia Options

- _____ **BDOL CD-ROM** Section 5.1 Summary; BioQuest: *Biodiversity Park*
- _____ **MindJogger Videoquizzes**, Ch.5 videotape
- _____ **Videotape:** *The Secret of Life: Gone Before You Know It, The Biodiversity Crisis*
- _____ **ExamView®Pro Software**, Ch. 5
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ **Videodisc:** *The Infinite Voyage: Life in the Balance, Crisis in the Atmosphere*
- _____ **NGS Videodisc:** *STV: Biodiversity, GTV: Planetary Manager*
- _____ Glencoe Science Web Site: ga.science.glencoe.com

Lesson Plan 5.2

Conservation of Biodiversity



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pp. 125–135

3 class session(s)

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

Georgia QCC

1.1, 1.2, 1.3, 2.1, 3.2, 27.1, 27.2

Focus

- _____ Section Focus Transparency 11 and Master Bellringer, *TWE* p. 125

Teach

- _____ MiniLab 5-2, *SE* p. 126
- _____ Art Connection, *SE* p. 132
- _____ Portfolio, *TWE* p. 126
- _____ Biology Journal, *TWE* p. 127
- _____ Quick Demo, *TWE* p. 129
- _____ *BioLab and MiniLab Worksheets*, pp. 23, 25–26 *TCR*
- _____ *Spanish Resources*

Assess/Reteach

- _____ Section Assessment, *SE* p. 129
- _____ Check for Understanding, *TWE* p. 129
- _____ Reteach, *TWE* p. 129
- _____ *Reinforcement and Study Guide*, p. 22 *TCR*
- _____ *Content Mastery*, pp. 21, 23–24 *TCR*
- _____ *5 Days to the Georgia High School Graduation Test*, *TCR*

Enrichment/Application

- _____ Enrichment, *TWE* p. 127
- _____ Extension, *TWE* p. 129
- _____ *Tech Prep Applications*, pp. 7–8 *TCR*

Close

- _____ Discussion, *TWE* p. 129

Chapter Assessment

- _____ Chapter Assessment, *SE* pp. 133–135
- _____ Assessment, *TWE* pp. 126, 127, 128, 129, 131
- _____ **BDOL Interactive CD-ROM**, Chapter 5 quiz
- _____ *Chapter Assessment*, pp. 25–30 *TCR*
- _____ *Performance Assessment in the Biology Classroom*, *TCR*
- _____ *Alternate Assessment in the Science Classroom*, *TCR*

Multimedia Options

- _____ **BDOL CD-ROM** Section 5.2 Summary
- _____ **MindJogger Videoquizzes**, Ch.5 videotape
- _____ **ExamView®Pro Software**, Ch. 5
- _____ *Using the Internet in the Science Classroom*, *TCR*
- _____ **Videodisc:** *The Infinite Voyage: Secrets from a Frozen World*, *Life in the Balance*
- _____ **NGS Videodisc:** *GTV: Planetary Manager*, *STV: Biodiversity*
- _____ Glencoe Science Web Site: ga.science.glencoe.com