

TITLE PAGE COVER CREDITS DEDICATION FOREWORD PREFACE

UNIT ONE COURSE INTRODUCTION & CULTURAL HISTORY

Chapter 01Studying; Information Sources; Science &
Reasoning; Advocacy; & Conservation [J. Furey]Chapter 02Cultural History & Patterns of Resource Use &
Development [C. Schonder, J. Jordan, & J. Furey]

UNIT TWO OUR COMMONWEALTH'S PHYSICAL ENVIRONMENT

Chapter 03	Our Location, Bathymetry & Island Features
	[J. Furey]
Chapter 04	Plate Tectonics [J. Furey]

- Chapter 05 Volcanism; Rock Types; Geologic Dating; Weathering & Erosion; Faulting; Landscape Patterns; Aquifers; & Caves [J. Furey]
- Chapter 06 The Earth's Climate & Seasons [J. Furey]
- Chapter 07 Commonwealth Climate & Weather [J. Furey]
- Chapter 08 Seawater; Ocean Temperatures; Waves; Currents; & El Niño/Southern Oscillations [J. Furey & R. Church]

UNIT THREE OUR LIFE FORMS & COMMUNITIES

Chapter 09	Introduction to Island Life Forms & Ecosystems
	[J. Furey]
Chapter 10	Mechanisms of Species Evolution [J. Furey]
Chapter 11	Limiting Factors; Energy Flow; & Nutrient
	Cycling [J. Furey]
Chapter 12	The Ecology & Resources of The Open Ocean [R.
	Church]
Chapter 13	Coral Reefs; An Introduction [A. Davis]
Chapter 14	The Ecology of Coral Reefs [A. Davis]
Chapter 15	Coral Reef Problems [A. Davis]
Chapter 16	Coastal Strands; Intertidal Habitats; & Seabirds
	[J. Furey]
Chapter 17	Our Mangroves; Mudflat(s); & Migratory Shore-
	birds [J. Furey]
Chapter 18	Disturbed Ground-adapted Life Forms & Eco-
	logical Succession [J. Furey]
Chapter 19	Our Commonwealth Forests [J. Furey]
Chapter 20	Our Freshwater Lakes, Streams, & Wetlands
-	[J. Furey]

- Chapter 21 Our Wetland Organisms [J. Furey]
- Chapter 22 The Ecology of Our Savanna Lands [J. Furey]

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Chapter 24	Our Renewable & Depletable Natural Resources
	[S. Miller]
Chapter 25	Market Sectors & "The Economy"; Externali-
	ties; "The Commons"; & Government's Role in
	Resource Management [S. Miller & J. Furey]
Chapter 26	Soil Evolution, Ecology, & Fertility
	[M. MacCarter]
Chapter 27	Our Fisheries & Their Management [M. Trianni]
Chapter 28	Preventing & Controlling Brown Tree Snake
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Chapter 29	Our Rare & Endangered Species; & Current
	Habitat Conservation Planning Efforts
	[J. Jackson]
Chapter 30	Farming & Gardening Practices [J. Furey]
Chapter 31	Our Island's Insects & Their Relatives; & Inte-
	grated Pest Management [A. Moore &
	J. Tenorio]

UNIT FIVE MANAGING ISLAND DEVELOPMENT

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	Critical Factors for Their Success & Future
	Projections [S. Miller]
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Chapter 34	Public Health & Community Sanitation [W. Flood & A. Davis]
Chapter 35	Master Plans; Zoning; & Our Search for Sustain-
	able Development [J. Furey]
Chapter 36	Development Permitting; Applying Performance
	Standards; & Enforcement [J. Furey]
Chapter 37	Managing Our Historic & Cultural Resources
	[J. Furey]
Chapter 38	Commonwealth-Applicable International &
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Chapter 39	Managing Our Solid Wastes [P. Peshut]
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	tion [P. Peshut]
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	Aesthetics [J. Furey, P. Peshut, & K. Francis]

ACKNOWLEDGEMENTS BIBLIOGRAPHY GLOSSARY INDEX LEAD AUTHOR/EDITOR