

DARWIN: INTERACTIVE

FURTHER READING

INTRODUCTION TO DARWINIAN BIOLOGY

WORKING WITH PDF FILES

CHAPTER 1 LAUNCHING A THEORY

CHAPTER 2 A LIFE'S WORK

CHAPTER 3 THE VOYAGE

CHAPTER 4 FACTS AND THEORY

CHAPTER 5 PEOPLE AS ANIMALS

CHAPTER 6 INSTINCT AND ETIQUETTE

CHAPTER 7 GARDEN SCIENCE

APPENDICES

CHAPTER 1 LAUNCHING A THEORY

INTRODUCTION

- PART 1** Letter from Lyell and Hooker Introducing Darwin and Wallace to the Linnean Society : London, June 30th, 1858
- PART 2** Extract from an Unpublished Work on Species by C. Darwin Esq., Consisting of a Portion of a Chapter Entitled, 'On the Variation of Organic Beings in a State of Nature; on the Natural Means of Selection; on the Comparison of Domestic Races and True Species'
- PART 3** Abstract of a Letter from C. Darwin, Esq., to Prof. Asa Gray, Boston, U.S., Dated Down, September 5th, 1857
- PART 4** On the Tendency of Varieties to Depart Indefinitely from the Original Type. by Alfred Russel Wallace
-

CHAPTER 2 A LIFE'S WORK

PART 1 Early Life and Education

PART 2 The Beagle Expedition

PART 3 Scientific Fruits of the Voyage

PART 4 The Later Years

CHAPTER 3 THE VOYAGE

INTRODUCTION

SECTION 1 Tierra del Fuego

SECTION 2 Reflections on the Voyage

SECTION 3 The Galapagos

SECTION 4 Coral Seas

PART 1 Formation of Reefs and Atolls

PART 2 Classification of Coral Reefs

CHAPTER 4 FACTS AND THEORY

INTRODUCTION

SECTION 1 Species and Breeds

SECTION 2 Variations in Time Space and Dispersal

SECTION 3 Natural Selection

PART 1 Struggle for Existence

PART 2 The Theory

PART 3 Diagrammatic Summary of the Theory

PART 4 Recapitulation

SECTION 4 Difficulties of the Theory

PART 1 Absence of Intermediates

PART 2 Subsistence of Intermediates

PART 3 Origins of Complex Organs

PART 4 Special Difficulties

PART 5 Provisional Summary

PART 6 Problem of Instinct

PART 7 Problem of Hybridism

SECTION 5 Darwin's Theory of Inheritance

PART 1 The Problem

PART 2 A Solution

SECTION 6 Final Recapitulation and Summary

CHAPTER 5 PEOPLE AS ANIMALS

SECTION 1 Outline of Evidence

SECTION 2 Human Racial Variation

SECTION 3 Principles of Sexual Selection

PART 1 General principles

PART 2 Secondary sexual characters of birds

PART 3 Secondary sexual characters of Man

PART 4 Conclusions with regard to the evolution of Man

CHAPTER 6 INSTINCT AND ETIQUETTE

SECTION 1 Expression of Emotions

PART 1 General principles

PART 2 Monkeys

PART 3 Special expressions of Man: blushing

PART 4 Concluding remarks on evolution of emotions

SECTION 2 Biographical sketch of an infant

CHAPTER 7 GARDEN SCIENCE

SECTION 1 Forms of Flowers

SECTION 2 Movement in Plants

PART 1 Climbers and twiners

PART 2 Analysis of movement

PART 3 Insectivorous Plants

SECTION 3 Behaviour of Worms

APPENDICES

APPENDIX 1 DARWIN'S WRITINGS

APPENDIX 2 DARWINISM

APPENDIX 3 THE PRECONDITIONS TO DARWINISM

APPENDIX 4 HISTORY OF SYSTEMATIC CLASSIFICATION

APPENDIX 5 EXAMPLES OF PRE-DARWINIAN SCIENCE:
HUMBOLT, CUVIER AND LAMARCK

APPENDIX 6 ALFRED RUSSEL WALLACE ON BIOGEOGRAPHIC
ZONES

APPENDIX 7 THE REALM OF NATURE; SCOPE OF NATURAL
SCIENCE WITH PARTICULAR RELEVANCE TO ZOOLOGY AS A
SUBJECT
