A major new textbook. A concise and clear introduction to evolutionary biology. This book introduces what is essential and exciting in evolutionary biology. It covers whole field and emphasises the important concepts for the student. Care has been taken to express complex and stimulating ideas in simple language, while the frequent examples and running summaries make reading fun. Its logical structure means that it can be read straight through, one chapter per sitting.

- Concise, clear, and states what is important
- Concentrates on the central concepts and illustrates them with telling examples
- Running summaries in the margins make navigation easy
- Suitable for a one-year or one-semester course in evolution
- Summaries at chapter ends

Each chapter's links to neighbouring chapters are explained. Evolution: an introduction takes a fresh approach to classical topics such as population genetics and natural selection, and gives an overview of recent advances in hot areas such as sexual selection, genetic conflict, life history evolution, and phenotypic plasticity. Detail of contents

The Prologue is unique and uniquely motivating. It makes four central points about evolution in the form of four case studies told as brief stories. Chapters 1-3 describe natural selection and the essential difference between adaptive and neutral evolution with unmatched clarity and simplicity. Chapter 4 emphasizes the essential message of population genetics without burdening the students with any of the unessential details and places unique emphasis on the role of the genetic system in constraining the response to selection.

Chapter 6 is not found in any other evolution textbook, although there are a number of recent books on the subject, and it therefore provides an introductory overview of a topic that has been the object of much recent interest and promises to generate much more insight: the expression of genetic variation analysed with the concept of reaction norms.

Chapters 7-9 cover sex, life histories, and sexual selection in greater depth than they are dealt with in any other introductory textbook but without introducing advanced technical language and analysis. Chapters 6-9 thus give unprecedented coverage to phenotypic evolution in an introductory text.

Chapter 10 on multilevel selection and genetic conflict is unique in introductory textbooks. Rolf Hoekstra has achieved a wonder of clarity and concision on the essentials of this exciting topic.

Chapters 11 and 12 on speciation and systematics are, by comparison, pretty standard, but they continue the policy of clarity and concision with the focus on essentials. Chapter 13 on the history of the planet and of life is a completely new approach unabashedly designed to motivate students to think about deep time, geology, paleontology, and fossils.

Chapter 14 on the major transitions in evolution is also not found in any other introductory textbook. It documents the conceptual issues raised in the history of life briefly and in a form that will stimulate the gifted. Chapter 15 profiles the chief insights made possible by molecular systematics in the form of four case studies ranging from deep time to recent European history.

It has standard content but unique structure. A strong point is the way mitochondrial Eve is contrasted with transpecies polymorphism to show students how to think about inferences with molecular evidence. Chapter 16 briefly presents the principle comparative methods and the kinds of insights that can be achieved with them. It is not unique - Ridley covers this ground well - but the examples used are new and the essential features of the methods - including potential pitfalls - are quite clearly described.

Chapter 17 places evolutionary thought into the context both of the natural sciences and of society at large.

The Evolution of Life Histories, Stephen C. Stearns, May 28, 1992, Science, 249 pages. This book introduces life history evolution to postgraduate students just beginning their research in
population biology, ecology, or evolutionary biology. It discusses major.

The Interplay of Isolation from Reproduction with Demography and Sexually Transmitted Diseases, Daniel Maxin, 2007, 127 pages. We study the demographic and epidemiological effects of isolation from reproduction in heterogeneous populations. We aim at establishing under what conditions the isolation.

Influential Passengers Inherited Microorganisms and Arthropod Reproduction, Scott L. O'Neill, Ary A. Hoffmann, John H. Werren, 1997, Science, 214 pages. The ways in which bacteria can manipulate reproduction of their invertebrate hosts for their own benefit is increasingly attracting attention among scientists. Written by.


Evolutionary Theory and Life-history Evolution The Role of Natural Selection and the Concept of Individual Organism, Juha Tuomi, 1982, Science, 14 pages.

The Art of Wildlife Photography, Fritz Pölking, 1998, Photography, 96 pages. A complete guide to how the enthusiastic amateur can master the difficult art of wildlife photography from one of the world's leading experts.


Darwin's proof the triumph of religion over science, Cornelius G. Hunter, May 1, 2003, Religion, 168 pages. Presents information to discredit Darwin's theories of evolution and present a range of philosophical contradictions to contend that only the Bible can adequately explain key.


Three billion years of life, André Cailleux, Jun 1, 1968, Science, 239 pages.

An introduction to evolutionary genetics, David T. Parkin, 1979, Science, 223 pages.

The Seed Ideas of Dane Rudhyar: Sources, Influence, and Reception, Michelle Hakanson, 2006, Modernism (Music), 312 pages. Rudhyar's writing is infused with traits not generally associated with Modernism. Most radically, he did not accept Schoenberg and Stravinsky as the antipodes of Modernism, nor.

The biodiversity of the South-West an audit of the South-West biological resource, Lucy Cordrey, 1996, Science, 149 pages.

Evolution Since Darwin The First 150 Years; [proceedings of a Workshop Held Nov. 4-7, 2009 at Stony Brook University to Mark the Bicentennial Anniversary of Darwin's Birth and the Sesquicentennial of the Publication of On the Origin of Species], Michael A. Bell, 2010, Science, 688 pages. Proceedings of a workshop held Nov. 4-7, 2009 at Stony Brook University to mark the bicentennial anniversary of Darwin's birth and the sesquicentennial of the publication of On.

Textbook of evolution and genetics, Arthur Ward Lindsey, 1929, Evolution (Biology), 459 pages.
Pure Heart, Susan A. Palmer, May 1, 2005, Fiction, 460 pages. As a young girl living in Boston, Sarah read dime novels featuring stories about Indians, gunfighters and the wild frontier. She never dreamed as a young bride she would move.


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Codes, Ciphers and Secret Writing, Martin Gardner, 1984, Games, 96 pages. Explains various methods used in cryptography and presents examples to help readers in breaking secret codes.


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Charlie and the Chocolate Factory Pop-up Book, Roald Dahl, 2011, Bucket, Charlie (Fictitious character), 20 pages. Charlie Bucket loves CHOCOLATE. And Mr Willy Wonka, the most wondrous inventor in the world, is opening the gates of his amazing chocolate factory to five lucky children.

It's Evolution: An Introduction, Oxford University Press, 2000

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Richie Benaud Cricketer, Captain, Guru, Mark Browning, Jan 1, 1996, Cricket captains, 152 pages. Biography of all-round Australian cricketer Richie Benaud. In three parts it considers his playing days, his captaincy of Australia and his role as a media commentator.


Coniston Copper Mines A Field Guide to the Mines in the Copper Ore Field at Coniston in the English Lake District, Eric G. Holland, Jan 1, 1981, Sports & Recreation, 120 pages. A guidebook to exploring the mines and relics of the copper mining industry above Coniston, at Tilberthwaite, Greenburn and Seathwaite Tarn above the Duddon valley, at the The best-selling rack edition of The Lion, the Witch and the Wardrobe now has a movie still cover and an eight-page movie still insert! "Excellent for Homeschool Use".
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The US Army of World War I, Mark Henry, Aug 20, 2012, History, 48 pages. When the USA entered World War I in April 1917 her Regular Army counted just 128,000 men and lacked all the necessary equipment and training for modern trench warfare.


A Name Like Thunder, Lee Goff

Wayfinding Effective Wayfinding and Signing Systems; Guidance for Healthcare Facilities, May 23, 2005, Medical, 149 pages. This publication contains best practice guidance on assessing and improving wayfinding systems in hospitals and other healthcare environments, including signs and other

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