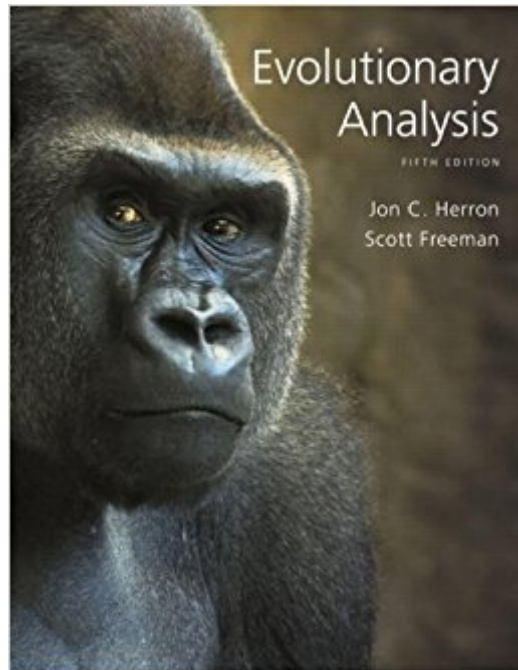


The book was found

Evolutionary Analysis (5th Edition)



Synopsis

For undergraduate courses in Evolution By presenting evolutionary biology as a dynamic, ongoing research effort and organizing discussions around questions, this best-selling text helps you think like a scientist as you learn about evolution. The authors convey the excitement and logic of evolutionary science by introducing principles through recent and classical studies, and by emphasizing real-world applications. In the Fifth Edition, co-author Jon Herron takes the lead in streamlining and updating content to reflect key changes in the field. The design and art program have also been updated for enhanced clarity.

Book Information

Hardcover: 864 pages

Publisher: Pearson; 5 edition (August 22, 2013)

Language: English

ISBN-10: 0321616677

ISBN-13: 978-0321616678

Product Dimensions: 8.7 x 1.3 x 10.9 inches

Shipping Weight: 3.6 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars See all reviews (96 customer reviews)

Best Sellers Rank: #10,041 in Books (See Top 100 in Books) #2 in Books > Science & Math > Evolution > Organic #30 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Biology #78 in Books > Science & Math > Biological Sciences > Biology

Customer Reviews

I have used all three earlier editions of this text for my undergraduate 'Evolution' course (I am a college Professor of Biology) and have witnessed the various changes made over the years. The new version has updated much of the information on molecular evolution; the authors should be commended for their very thorough literature review. With the veritable explosion of research into evolutionary phenomena, this must be difficult indeed! The initial chapter on HIV still remains a wonderful introduction to your typically "human oriented" undergraduate and serves to generate interest in the topic early on. The phlogeny/evolutionary tree chapter was moved earlier to the "Introduction" part of the text; not sure why this was done. It was also nice to finally see mention made of reaction norms in the 'Adaptation' chapter (at last!), but there are still no examples of phenotypic plasticity from the vast botanical literature. The 'Evolution and Human Health' chapter is excellent for the medical student. Rather oddly, the important topic of speciation is near the book's

end (Chapter 16) and glosses over the many fine examples from the plant evolution literature (polyploid speciation is virtually ignored, except for two paragraphs on p.159). My students are fascinated by the 'evolution of wheat' story, but don't look for that example of speciation here. My primary complaint with this, and the preceding editions, is still the overwhelming amount of extraneous detail. How I wish I could use my editorial hand on this one! Does an undergraduate student really need over 20 pages on linkage disequilibrium? Are the final details of QTL mapping really necessary at this level of student education? Do we really need 4 pages on the 'fallacy' of the bell-curve (interesting advanced topic, but...

[Download to continue reading...](#)

Evolutionary Algorithms for Solving Multi-Objective Problems (Genetic and Evolutionary Computation) Evolutionary Algorithms in Theory and Practice: Evolution Strategies, Evolutionary Programming, Genetic Algorithms Evolutionary Analysis (5th Edition) Evolutionary Analysis Animal Behavior: An Evolutionary Approach, Tenth Edition Marine Mammals, Third Edition: Evolutionary Biology Marine Mammals, Second Edition: Evolutionary Biology Animal Behavior: An Evolutionary Approach, Ninth Edition Evolutionary Computation 1: Basic Algorithms and Operators Evolutionary Computation in Gene Regulatory Network Research (Wiley Series in Bioinformatics) Evolutionary Computer Music Evolutionary Computation in Bioinformatics (The Morgan Kaufmann Series in Artificial Intelligence) Evolutionary Algorithms in Engineering Applications Evolutionary Electronics: Automatic Design of Electronic Circuits and Systems by Genetic Algorithms (International Series on Computational Intelligence) Spatial Evolutionary Modeling (Spatial Information Systems) Linear Genetic Programming (Genetic and Evolutionary Computation) The Age of Scientific Sexism: How Evolutionary Psychology Promotes Gender Profiling and Fans the Battle of the Sexes An Evolutionary Leap: Colin Wilson on Psychology Evolutionary Psychology: The Ultimate Origins of Human Behavior Solar Revolution: Why Mankind Is on the Cusp of an Evolutionary Leap

[Dmca](#)