



Evolution, 3rd Edition

By Ridley, Mark

Blackwell, 2003. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface.Acknowledgments.Part I: Introduction.1. The Rise Of Evolutionary Biology.Evolution Means Change In Living Things By Descent With Modification.Living Things Show Adaptations.A Short History Of Evolutionary Biology.Summary.Further Reading.Study And Review Questions.2. Molecular And Mendelian Genetics.Inheritance Is Caused By DNA Molecules, Which Are Physically Passed From Parent To Offspring.DNA Structurally Encodes Information Used To Build The Body's Proteins.Information In DNA Is Decoded By Transcription And Translation.Large Amounts Of Non-Coding DNA Exist In Some Species.Mutational Errors May Occur During DNA Replication.Rates Of Mutation Can Be Measured.Diploid Organisms Inherit A Double Set Of Genes.Genes Are Inherited In Characteristic Mendelian Ratios.Darwin's Theory Would Probably Not Work If There Was A Non-Mendelian Blending Mechanism Of Heredity.Summary.Further Reading.Study And Review Questions.3. The Evidence For Evolution.We Distinguish Three Possible Theories Of The History Of Life.On A Small Scale, Evolution Can Be Observed In Action.Evolution Can Also Be Produced Experimentally.Interbreeding And Phenotypic Similarity Provide Two Concepts Of Species.Ring "Species" Show That The Variation Within A Species Can Be Extensive Enough To Produce A New Species.New, Reproductively Distinct Species Can Be Produced Experimentally.Small-Scale Observations Can Be Extrapolated Over The Long Term.Groups Of Living Things Have...



READ ONLINE
[4.55 MB]

Reviews

The publication is straightforward in study safer to recognize. It is written in straightforward words and never hard to understand. It has been printed in an extremely straightforward way and it is just after I finished reading this book through which basically modified me, affect the way I think.

-- **Percy Bernhard**

This book will not be straightforward to start on studying but really fun to read. It absolutely was written really flawlessly and helpful. You can expect to like just how the writer wrote this publication.

-- **Glenna Goldner**