



Selection in Natural Populations

By Jeffrey B. Mitton

Oxford University Press. Paperback. Book Condition: New. Paperback. 256 pages. Dimensions: 9.2in. x 6.0in. x 0.5in. In 1974, Richard Lewontin published *The Genetic Basis of Evolutionary Change*, focusing enormous attention on protein variation as both a model of underlying genetic variation and a level of selection itself. In the twenty years since, scientific research has been shifted by the power of molecular biological techniques to explore the nature of variation directly at the D. N. A. and gene levels. The protein chapter is coming to a close. In this book, Jeff Mitton explains the questions that geneticists hoped to answer by studying protein variation. He reviews the extensive literature on protein variation, describes the successes and failures of the research program, and evaluates the results of a rich and controversial body of research. The laboratory and field studies using protein polymorphisms revealed dynamic interactions among genotypes, fitness differentials, and fluctuating environmental conditions, and inadvertently wedded the fields of physiological ecology and population biology. Mitton's book is a useful analysis for all scientists interested in the genetic structure and evolution of populations. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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