



Darwin's Spectre: Evolutionary Biology in the Modern World

By Michael R. Rose

Princeton University Press, United States, 2000. Paperback. Book Condition: New. 230 x 152 mm. Language: English . Brand New Book. Extending the human life-span past 120 years. The green revolution. Evolution and human psychology. These subjects make today's newspaper headlines. Yet much of the science underlying these topics stems from a book published nearly 140 years ago--Charles Darwin's *On the Origin of Species*. Far from an antique idea restricted to the nineteenth century, the theory of evolution is one of the most potent concepts in all of modern science. In *Darwin's Spectre*, Michael Rose provides the general reader with an introduction to the theory of evolution: its beginning with Darwin, its key concepts, and how it may affect us in the future. First comes a brief biographical sketch of Darwin. Next, Rose gives a primer on the three most important concepts in evolutionary theory--variation, selection, and adaptation. With a firm grasp of these concepts, the reader is ready to look at modern applications of evolutionary theory. Discussing agriculture, Rose shows how even before Darwin farmers and ranchers unknowingly experimented with evolution. Medical research, however, has ignored Darwin's lessons until recently, with potentially grave consequences. Finally, evolution...



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