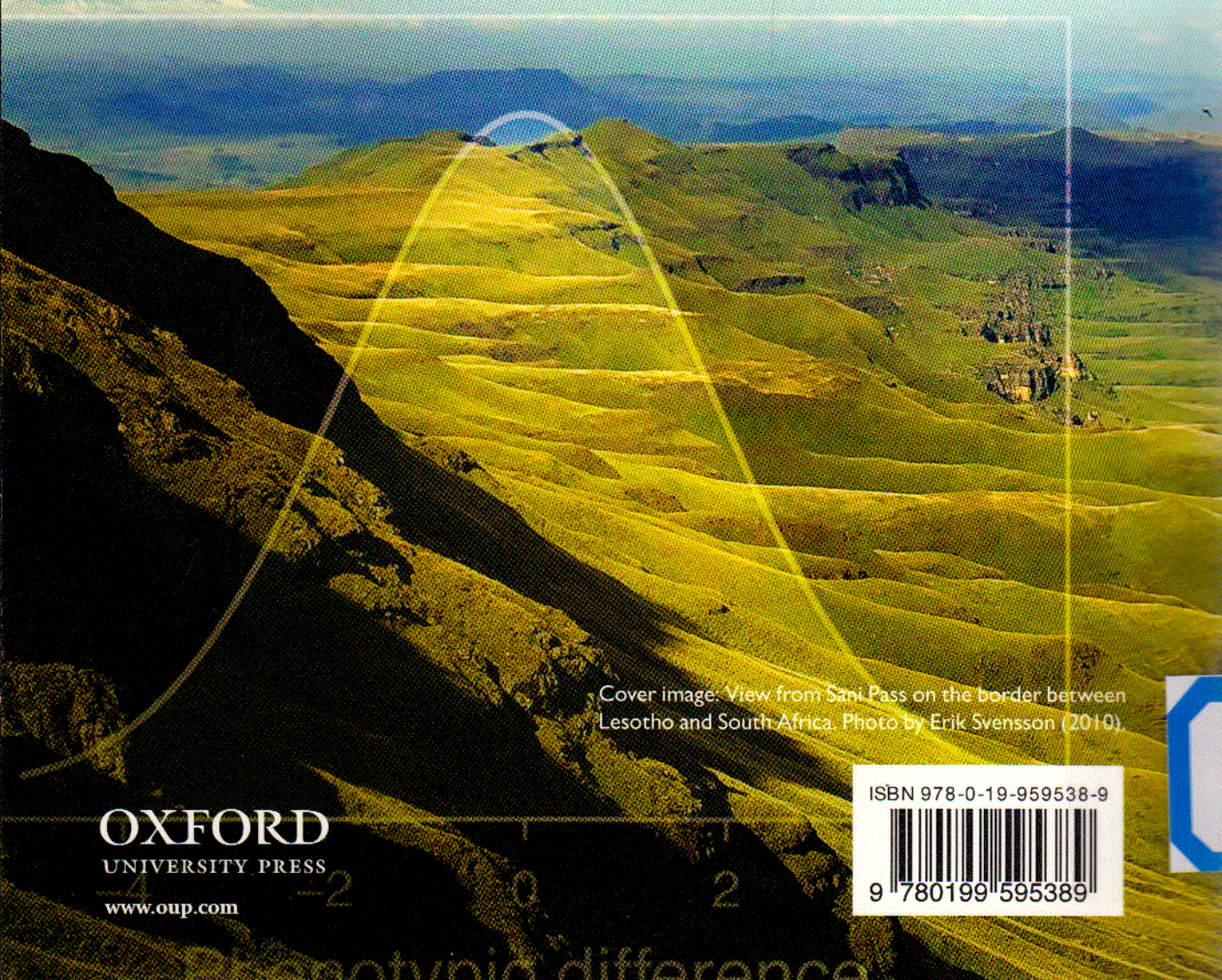


The 'Adaptive Landscape' has been a central concept in population genetics and evolutionary biology since this powerful metaphor was first formulated by Sewall Wright in 1932. Eighty years later, it has become a central framework in evolutionary quantitative genetics, selection studies in natural populations, and in studies of ecological speciation and adaptive radiations. Recently, the simple concept of Adaptive Landscapes in two dimensions (genes or traits) has been criticized and several new and more sophisticated versions of the original Adaptive Landscape evolutionary model have been developed in response. No published volume has yet critically discussed the past, present state, and future prospect of the Adaptive Landscape in evolutionary biology. This volume brings together prominent historians of science, philosophers, ecologists, and evolutionary biologists, with the aim of discussing the state of the art of the Adaptive Landscape from several different perspectives.

This advanced, research level text is suitable for graduate level students and researchers in the fields of evolutionary biology, molecular biology, developmental biology, ecology, and genetics. It will also be of interest to philosophers and historians of science.



Cover image: View from Sani Pass on the border between Lesotho and South Africa. Photo by Erik Svensson (2010).

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