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# Effects of Climate Change on Birds

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# Preface

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This volume on the biological consequences of climate change in a particular class of animals, the birds, grew out of a long-term interest in the consequences of changing environmental conditions for all living beings. Since the seminal paper published by one of us (Peter Berthold) in 1991, this field has grown tremendously in importance. The number of papers dealing with climate change and birds is now more than 2800, and the total number of papers in this field exceeds 68,000. No single person can thus attempt to cover this rapidly expanding area. Hence, we have opted for an edited volume that brings together world experts to review the current level of knowledge, while simultaneously listing alternative hypotheses and weak points in current research. We strongly believe that this is the way forward.

We would like to thank I. Sherman and H. Eaton from Oxford University Press for their help and support. Many of the authors of chapters in this volume acted as reviewers providing constructive ways of improving the book. Many other experts also contributed, among these M. Frederiksen, P. Gienapp, M. D. Jennions, S. Jenouvrier, H. Kokko, O. Gordo, S. Morand, J. Nichols, T. Pärt, D. Rubolini, C. Teplitsky, D. Thieltses, P. Tryjanowski, C. C. Wilmers, N. Yoccoz, and B. Zuckerberg. We gratefully acknowledge their help. All errors remain our responsibility.

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*Anders Pape Møller, Wolfgang Fiedler, and Peter Berthold, November 2009*

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**Wolfgang Fiedler** – I would like to thank the Max Planck Society for support while editing this book.

**Peter Berthold** – I would like to thank the Max Planck Society for support while editing this book.

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