

# Preface

This book provides a comprehensive selection of recent studies addressing the evolution, ecology, neurobiology and genetic analysis of hearing and acoustic communication in insects. Across a variety of hearing species, leading researchers in the field address the key points of current research.

The idea for this book emerged when the editor gave an Ernst Florey Memorial lecture at the 2011 Meeting of the German Neuroscience Society in Göttingen. I am most grateful to all my colleagues whose chapters are published here, who have contributed their time and effort as well as their chapters, to the Springer Team Mrs. A. König and Mrs. A. Schlitzberger for technical support and to the Series Editor P. McGregor for professional advice.

I would also like to thank my colleagues, at the Department of Zoology at the University of Cambridge and elsewhere, for their help and fruitful discussions. I thank my family for their support during the long hours necessary to develop this volume.

Finally, I would like to dedicate this book to Prof. Norbert Elsner who always fostered behavioral and neurobiological studies in insect bioacoustics at the University of Göttingen, and I hope the book will promote the field of bioacoustics among future generations of research students and scientists.

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