

CONTENTS

<i>List of contributors</i>	vii
<i>Preface</i>	xii
JOHN W. DOVER	
<i>Acknowledgements</i>	xiii
1 Introduction to hedgerows and field margins <i>John W. Dover</i>	1
2 Botanical diversity in the hedges and field margins of lowland Britain <i>Philip J. Wilson</i>	35
3 Hedges for invertebrates and plants: how current and historic hedgerow management alters their structural condition and value as a semi-natural habitat <i>Joanna T. Staley, Marc S. Botham and Richard F. Pywell</i>	55
4 Remote sensing applications for hedgerows <i>Lyndsey Graham, Richard K. Broughton, France Gerard and Rachel Gaulton</i>	72
5 Impact of pesticide use on the flora and fauna of field margins and hedgerows <i>Cristina Botías, Kate Basley, Elizabeth Nicholls and Dave Goulson</i>	90

vi Contents

6	The crop headland: managing the edges of crops to support wildlife <i>N. W. Sotherton</i>	110
7	Contribution of hedgerows to biological control <i>John M. Holland</i>	123
8	Multi-scale control of carabid assemblages in hedgerow network landscapes <i>Jacques Baudry and Françoise Burel</i>	147
9	Restoring pollinator communities and pollination services in hedgerows in intensively managed agricultural landscapes <i>Claire Kremen, Matthias Albrecht and Lauren Ponisio</i>	163
10	The ecology of butterflies and moths in hedgerows and field margins <i>John W. Dover</i>	186
11	Birds of hedgerows and other field boundaries <i>Shelley A. Hinsley and Paul E. Bellamy</i>	210
12	Ecology and conservation of mammals of hedgerows and field margins <i>Ruth E. Feber, Paul J. Johnson, Merryl Gelling and David W. Macdonald</i>	233
13	Bird and invertebrate ecology in field margins: lessons from Loddington <i>Chris Stoate</i>	250
14	Biodiversity value of urban hedges <i>Eleanor Atkins</i>	263
	<i>Index</i>	273