

# Contents

<b>1</b>	<b>Bats in the Anthropocene</b> . . . . .	<b>1</b>
	Christian C. Voigt and Tigga Kingston	
<b>Part I Bats in Anthropogenically Changed Landscapes</b>		
<b>2</b>	<b>Urbanisation and Its Effects on Bats—A Global Meta-Analysis</b> . . . .	<b>13</b>
	Kirsten Jung and Caragh G. Threlfall	
<b>3</b>	<b>Bats and Roads</b> . . . . .	<b>35</b>
	John Altringham and Gerald Kerth	
<b>4</b>	<b>Responses of Tropical Bats to Habitat Fragmentation, Logging, and Deforestation</b> . . . . .	<b>63</b>
	Christoph F.J. Meyer, Matthew J. Struebig and Michael R. Willig	
<b>5</b>	<b>Insectivorous Bats and Silviculture: Balancing Timber Production and Bat Conservation</b> . . . . .	<b>105</b>
	Bradley Law, Kirsty J. Park and Michael J. Lacki	
<b>6</b>	<b>Bats in the Anthropogenic Matrix: Challenges and Opportunities for the Conservation of Chiroptera and Their Ecosystem Services in Agricultural Landscapes</b> . . . . .	<b>151</b>
	Kimberly Williams-Guillén, Elissa Olimpi, Bea Maas, Peter J. Taylor and Raphaël Arlettaz	
<b>7</b>	<b>Dark Matters: The Effects of Artificial Lighting on Bats</b> . . . . .	<b>187</b>
	E.G. Rowse, D. Lewanzik, E.L. Stone, S. Harris and G. Jones	

<b>8</b>	<b>Bats and Water: Anthropogenic Alterations Threaten Global Bat Populations</b> . . . . .	215
	Carmi Korine, Rick Adams, Danilo Russo, Marina Fisher-Phelps and David Jacobs	
<b>Part II Emerging Diseases</b>		
<b>9</b>	<b>White-Nose Syndrome in Bats</b> . . . . .	245
	Winifred F. Frick, Sébastien J. Puechmaille and Craig K.R. Willis	
<b>10</b>	<b>Zoonotic Viruses and Conservation of Bats</b> . . . . .	263
	Karin Schneeberger and Christian C. Voigt	
<b>Part III Human-Bat Conflicts</b>		
<b>11</b>	<b>Impacts of Wind Energy Development on Bats: A Global Perspective</b> . . . . .	295
	Edward B. Arnett, Erin F. Baerwald, Fiona Mathews, Luisa Rodrigues, Armando Rodríguez-Durán, Jens Rydell, Rafael Villegas-Patracá and Christian C. Voigt	
<b>12</b>	<b>Exploitation of Bats for Bushmeat and Medicine</b> . . . . .	325
	Tammy Mildenstein, Iroro Tanshi and Paul A. Racey	
<b>13</b>	<b>The Conflict Between Pteropodid Bats and Fruit Growers: Species, Legislation and Mitigation</b> . . . . .	377
	Sheema Abdul Aziz, Kevin J. Olival, Sara Bumrungsri, Greg C. Richards and Paul A. Racey	
<b>14</b>	<b>Bats and Buildings: The Conservation of Synanthropic Bats</b> . . . . .	427
	Christian C. Voigt, Kendra L. Phelps, Luis F. Aguirre, M. Corrie Schoeman, Juliet Vanitharani and Akbar Zubaid	
<b>15</b>	<b>Conservation Ecology of Cave Bats</b> . . . . .	463
	Neil M. Furey and Paul A. Racey	
<b>Part IV Conservation Approaches, Educational and Outreach Programs</b>		
<b>16</b>	<b>The Roles of Taxonomy and Systematics in Bat Conservation</b> . . . . .	503
	Susan M. Tsang, Andrea L. Cirranello, Paul J.J. Bates and Nancy B. Simmons	

**17 Networking Networks for Global Bat Conservation . . . . . 539**  
Tigga Kingston, Luis Aguirre, Kyle Armstrong, Rob Mies,  
Paul Racey, Bernal Rodríguez-Herrera and Dave Waldien

**18 Cute, Creepy, or Crispy—How Values, Attitudes,  
and Norms Shape Human Behavior Toward Bats . . . . . 571**  
Tigga Kingston

**Index . . . . . 597**



<http://www.springer.com/978-3-319-25218-6>

Bats in the Anthropocene: Conservation of Bats in a Changing World

Voigt, C.C.; Kingston, T. (Eds.)

2016, IX, 606 p. 77 illus., 52 illus. in color., Hardcover

ISBN: 978-3-319-25218-6