

## Contents

<i>List of Contributors</i>	<i>page</i> ix
<i>Foreword</i>	xiii
Glyn Davies	
<i>Acknowledgements</i>	xvi
<b>1 General Introduction</b>	<b>1</b>
Ikki Matsuda, Cyril C. Grueter and Julie A. Teichroeb	
<b>2 Taxonomic Classification of Colobine Monkeys</b>	<b>3</b>
Christian Roos	
<b>3 The Colobine Fossil Record</b>	<b>13</b>
Stephen R. Frost, Christopher C. Gilbert and Masato Nakatsukasa	
<b>4 Molecular Phylogeny and Phylogeography of Colobines</b>	<b>32</b>
Christian Roos and Dietmar Zinner	
<b>5 Relationships between the Diet and Dentition of Asian Leaf Monkeys</b>	<b>44</b>
Barth W. Wright and Mary S. Willis	
<b>6 Morphology and Physiology of Colobine Digestive Tracts</b>	<b>64</b>
Ikki Matsuda and Marcus Clauss	
<b>7 Colobine Gut Microbiota: New Perspectives on the Nutrition and Health of a Specialized Subfamily of Primates</b>	<b>78</b>
Katherine R. Amato, Jonathan B. Clayton and Vanessa L. Hale	
<b>8 Colobine Nutritional Ecology</b>	<b>94</b>
Jessica M. Rothman, Allegra N. DePasquale, Katarina D. Evans and Dominique L. Raboin	
<b>9 Red Colobus Natural History</b>	<b>108</b>
Amanda H. Korstjens, Alison P. Hillyer and Inza Koné	
<b>10 Natural History of Black-and-White Colobus Monkeys</b>	<b>128</b>
Peter J. Fashing	
<b>11 Behaviour and Ecology of Olive Colobus</b>	<b>146</b>
Julie A. Teichroeb and Amanda H. Korstjens	

viii      **Contents**

---

<b>12</b>	<b>Ecology and Behaviour of Odd-Nosed Colobines</b>	<b>156</b>
	Cyril C. Grueter, Wendy M. Erb, Larry R. Ulibarri and Ikki Matsuda	
<b>13</b>	<b>Ecology of <i>Semnopithecus</i></b>	<b>186</b>
	Ken Sayers	
<b>14</b>	<b>Ecology of Sympatric and Allopatric <i>Presbytis</i> and <i>Trachypithecus</i> Langurs in Sundaland</b>	<b>199</b>
	Vincent Nijman	
<b>15</b>	<b>Ecology of <i>Trachypithecus</i> spp. in the Indo-Burmese Region</b>	<b>225</b>
	Alison M. Behie, Kirrily Aphorop, Rebecca Hendershott and Kayla Ruskin	
<b>16</b>	<b>Socioecology of Asian Colobines</b>	<b>250</b>
	Elisabeth H. M. Sterck and Tom S. Roth	
<b>17</b>	<b>Socioecology of African Colobines</b>	<b>271</b>
	Julie A. Teichroeb	
<b>18</b>	<b>Causes and Consequences of the Formation of Multilevel Societies in Colobines</b>	<b>293</b>
	Cyril C. Grueter	
<b>19</b>	<b>Colobine Population Ecology: What Limits Population Size</b>	<b>312</b>
	Colin A. Chapman, Amélie Corriveau, Kim Valenta, Fabiola Espinosa-Gómez and Valérie A. M. Schoof	
<b>20</b>	<b>State of Asian Colobines and Their Conservation Needs</b>	<b>324</b>
	John Sha, Ikki Matsuda, Qihai Zhou, Andie Ang and Tilo Nadler	
<b>21</b>	<b>Conservation of Africa's Colobine Monkeys (Cercopithecidae, Colobinae) with Taxonomic and Biogeographic Considerations</b>	<b>342</b>
	Thomas M. Butynski and Yvonne A. de Jong	
<b>22</b>	<b>Directions for Future Research</b>	<b>394</b>
	Julie A. Teichroeb, Cyril C. Grueter and Ikki Matsuda	
	<i>References</i>	399
	<i>Index</i>	497