### Contents

1 Introduction: Toward a Plural Approach to the Study of Medicinal Animals ................................. 1  
Rômulo Romeu Nóbrega Alves and Ierecê Lucena Rosa

2 From Past to Present: Medicinal Animals  
in a Historical Perspective .............................. 11  
Rômulo Romeu Nóbrega Alves, Maria Franco Trindade Medeiros,  
Ulysses Paulino Albuquerque and Ierecê Lucena Rosa

3 Medicine from the Wild: An Overview of the Use and Trade of Animal Products in Traditional Medicines  .............. 25  
Rômulo Romeu Nóbrega Alves, Ierecê Lucena Rosa,  
Ulysses Paulino Albuquerque and Anthony B. Cunningham

4 Medicinal Animals in Ethnoveterinary Practices:  
A World Overview ................................... 43  
Wedson Medeiros Silva Souto, Lorena Cristina Pinto,  
Lívia Emanuelle Tavares Mendonça, José Silva Mourão,  
Washington Luiz Silva Vieira,  
Paulo Fernando Guedes Pereira Montenegro  
and Rômulo Romeu Nóbrega Alves

5 Animals as a Source of Drugs: Bioprospecting  
and Biodiversity Conservation .......................... 67  
Rômulo Romeu Nóbrega Alves and Ulysses Paulino Albuquerque

6 Fish Folk Medicine of Caiçara (Atlantic Coastal Forest)  
and Caboclo (Amazon Forest) Communities ................. 91  
Alpina Begossi and Milena Ramires
7 Herpetofauna Used in Traditional Folk Medicine: Conservation Implications. ................................................. 109
Rômulo Romeu Nóbrega Alves, Washington Luiz Silva Vieira, Gindomar Gomes Santana, Kleber Silva Vieira and Paulo Fernando Guedes Pereira Montenegro

8 Primates in Traditional Folk Medicine: World Overview. ........... 135
Rômulo Romeu Nóbrega Alves, Wedson Medeiros Silva Souto, Raynner Rilke Duarte Barboza and Dandara Monalisa Mariz Bezerra

9 A Global Overview of Carnivores Used in Traditional Medicines. ................................................................. 171
Rômulo Romeu Nóbrega Alves, Lorena Cristina Lana Pinto, Raynner Rilke Duarte Barboza, Wedson Medeiros Silva Souto, Ronnie Enderson Mariano Carvalho Cunha Oliveira and Washington Luiz Silva Vieira

10 Seahorses in Traditional Medicines: A Global Overview .......... 207
Ierecê Lucena Rosa, Gabriela Rocha Defavari, Rômulo Romeu Nóbrega Alves and Tacyana Pereira Ribeiro Oliveira

11 Aquatic Mammals Used in Traditional Folk Medicine: A Global Analysis. .......................................................... 241
Rômulo Romeu Nóbrega Alves, Wedson Medeiros Silva Souto, Ronnie Enderson Mariano Carvalho Cunha Oliveira, Raynner Rilke Duarte Barboza and Ierecê Lucena Rosa

12 Marine Invertebrates in Traditional Medicines ....................... 263
Rômulo Romeu Nóbrega Alves, Tacyana Pereira Ribeiro Oliveira, Ierecê Lucena Rosa and Anthony B. Cunningham

13 The Role of Animal-Derived Remedies as Complementary Medicine in Brazil. ...................................................... 289
Rômulo Romeu Nóbrega Alves, Gindomar Gomes Santana and Ierecê Lucena Rosa

14 Mediterranean Zootherapy: A Historical to Modern Perspective ................................................................. 303
Cassandra L. Quave and Andrea Pieroni

15 A Review of Fauna Used in Zootherapeutic Remedies in Portugal: Historical Origins, Current Uses, and Implications for Conservation .................................................. 317
Luis Miguel Pires Ceríaco
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Zootherapy and Biodiversity Conservation in Nigeria</td>
<td>Durojaye A. Soewu</td>
<td>347</td>
</tr>
<tr>
<td>17</td>
<td>Wild Mammals Trade for Zootherapeutic and Mythic Purposes in Benin (West Africa): Capitalizing Species Involved, Provision Sources, and Implications for Conservation</td>
<td>Chabi A. M. S. Djagoun, Hugues A. Akpona, Guy. A. Mensah, Clive Nuttman and Brice Sinsin</td>
<td>367</td>
</tr>
<tr>
<td>19</td>
<td>Animals Traded for Traditional Medicine at the Faraday Market in South Africa: Species Diversity and Conservation Implications</td>
<td>Martin J. Whiting, Vivienne L. Williams and Toby J. Hibbitts</td>
<td>421</td>
</tr>
<tr>
<td>20</td>
<td>Finely Ground-Hornbill: The Sale of Bucorvus Cafer in a Traditional Medicine Market in Bulawayo, Zimbabwe</td>
<td>Robin K. Bruyns, Vivienne L. Williams and Anthony B. Cunningham</td>
<td>475</td>
</tr>
<tr>
<td></td>
<td>Index</td>
<td></td>
<td>487</td>
</tr>
</tbody>
</table>
Animals in Traditional Folk Medicine
Implications for Conservation
Nóbrega Alves, R.R.; Rosa, I.L. (Eds.)
2013, XVI, 492 p., Hardcover
ISBN: 978-3-642-29025-1