

Contents

Foreword vii

Prologue ix

List of Contributors xi

Acknowledgements xiii

1. Introduction 1

Angela R. Glatston

2. People and Red Pandas: The Red Panda's Role in Economy and Culture 11

Angela R. Glatston and Axel Gebauer

3. Evolution of the Family Ailuridae: Origins and Old-World Fossil Record 27

Manuel J. Salesa, Stéphane Peigné, Mauricio Antón and Jorge Morales

4. Advanced Members of the Ailuridae (Lesser or Red Pandas – Subfamily Ailurinae) 43

Steven C. Wallace

5. Phenotypic and Geographic Diversity of the Lesser Panda *Parailurus* 61

Martin Kundrát

6. Red Panda Anatomy 89

Rebecca E. Fisher

7. The Taxonomy and Phylogeny of *Ailurus* 101

Colin Groves

8. Reproduction of the Red Panda 125

Lesley E. Northrop and Nancy Czekala

9. Placentation of the Red Panda 147

Kurt Benirschke

10. The Early Days: Maternal Behaviour and Infant Development 157

Axel Gebauer

11. Red Panda Ecology 193

Fuwen Wei and Zejun Zhang

12. A Brief History of the Red Panda in Captivity 213

Marvin L. Jones

13. Red Panda Husbandry for Reproductive Management 231

Kati Loeffler

14. Red Panda Nutrition: How to Feed a Vegetarian Carnivore 257

Joeke Nijboer and Ellen S. Dierenfeld

15. Captive Red Panda Medicine 271

Joost Philippa and Ed Ramsay

16. Red Panda Pathology 287

Brian Preece

17. Red Pandas in Zoos Today; The History of the Current Captive Population 303

Angela R. Glatston

18. Management, Husbandry and Veterinary Medicine of Red Pandas Living *ex situ* in China 323

Kati Loeffler

19. The Global Captive Population of the Red Panda – Possibilities for the Future 335

Kristin Leus

20. Status and Distribution of Red Panda *Ailurus fulgens fulgens* in India 357

Dipankar Ghose and Pijush Kumar Dutta

- | | |
|--|---|
| 21. Red Pandas in the Wild in China 375
<i>Fuwen Wei and Zejun Zhang</i> | 25. Release and Reintroduction of
Captive-bred Red Pandas into
Singalila National Park, Darjeeling,
India 435
<i>Alankar K. Jha</i> |
| 22. Project Punde Kundo: Community-
based Monitoring of a Red Panda
Population in Eastern Nepal 393
<i>Brian H. Williams, Bhagawan R. Dahal
and Tulsi R. Subedi</i> | 26. Synthesis 447
<i>Angela R. Glatston</i> |
| 23. Conservation Initiatives in China 409
<i>Fuwen Wei, Zejun Zhang and Zhijin Liu</i> | Index 469 |
| 24. Records and Reports of Red Pandas
<i>Ailurus fulgens</i> from Areas with Warm
Climates 419
<i>J.W. Duckworth</i> | |