Chapter 2
South Asian Mammals

2.1 Analysis

The mammalian diversity found in South Asia (Fig. 2.1) includes 506 species in 215 genera in 14 orders which represents approximately 9.3% of the world's mammalian diversity (Table 2.1). The genetic diversity accounts for 19% of the world's diversity. The complete list of mammals of South Asia with their common names is given in Table 2.2.

India, the largest among the South Asian countries, has the maximum number of species recorded. As many as 426 species are known to be present in India. The other countries with species richness in descending order are Nepal (197 species), Pakistan (190 species), Bangladesh (134 species), Afghanistan (124 species), Sri Lanka (122 species), Bhutan (112 species), and Maldives (21 species) (Table 2.3). A few species are such that may possibly occur in a country but there are no confirmed records for their inclusion with confidence. This is perhaps for the reason that such species occur in the neighbouring countries either within South Asia or other countries bordering South Asian countries. Bhutan has the maximum of such doubtfully occurring species (57 species), followed by Bangladesh (15 species), Pakistan (5 species), Afghanistan (4 species), Nepal (4 species), India (1 species), and Sri Lanka (1 species). Some species of mammals have been exterminated due to various reasons in South Asia; these could be either regionally extinct from South Asia or locally extinct from any given country. Maximum extinct species are reported from Bangladesh (11 species), followed by Afghanistan (7 species), Pakistan (5 species), Bhutan (3 species), Nepal (3 species), India (2 species), and Sri Lanka (1 species). The lack of information on native species of Maldives impedes any inference to be drawn with respect to the current status of mammalian diversity existing on these islands.

The mammalian diversity of South Asia comprises more of terrestrial species compared to aquatic species (475 species vs. 31 species). Among the terrestrial species, the majority (332 species) is represented by small volant and non-volant

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Fig. 2.1 Map of South Asia, depicting countries covered in this work

species belonging to the orders Rodentia (rodents), Chiroptera (bats), Soricomorpha (shrews), Erinaceomorpha (hedgehogs), Lagomorpha (pikas and hares), Scandentia (tree shrews), and Pholidota (pangolins). The large mammals (143 species) include species belonging to Proboscidea (elephants), Primates (monkeys and gibbons), Carnivora (carnivores), Perissodactyla (odd-toed ungulates), and Artiodactyla (even-toed ungulates). Among the aquatic species, marine mammals are more diverse (30 species) compared to freshwater mammals (one species).

About a quarter (130 species) of the mammals are endemic to South Asia (Table 2.4). The highest endemism was in order Scandentia followed by orders

Table 2.1 Diversity of mammal species of South Asia

	In South Asia		After Wilson and Reeder (2005)	
Order/Family	No. of genera	No. of species	No. of genera	No. of species
Class Mammalia	**215**	**506**	**1,229**	**5,416**
Order Proboscidea	**1**	**1**	**2**	**3**
Family Elephantidae	1	1	2	3
Order Sirenia	**1**	**1**	**3**	**5**
Family Dugongidae	1	1	2	2
Order Scandentia	**2**	**3**	**5**	**20**
Family Tupaiidae	2	3	4	19
Order Primates	**6**	**28**	**69**	**376**
Family Lorisidae	2	3	5	9
Family Cercopithecidae	3	23	21	132
Family Hylobatidae	1	2	4	14
Order Rodentia	**59**	**135**	**481**	**2,277**
Family Sciuridae	15	29	51	278
Family Gliridae	1	2	9	28
Family Dipodidae	4	6	16	51
Family Platacanthomyidae	1	1	2	2
Family Spalacidae	2	2	6	36
Family Calomyscidae	1	3	1	8
Family Cricetidae	9	18	130	681
Family Muridae	24	71	150	730
Family Hystricidae	2	3	3	11
Order Lagomorpha	**3**	**14**	**13**	**92**
Family Ochotonidae	1	9	1	30
Family Leporidae	2	5	11	61
Order Erinaceomorpha	**2**	**5**	**10**	**24**
Family Erinaceidae	2	5	10	24
Order Soricomorpha	**12**	**41**	**45**	**428**
Family Soricidae	10	39	26	376
Family Talpidae	2	2	17	39
Order Chiroptera	**44**	**131**	**202**	**1,116**
Family Pteropodidae	8	14	42	186
Family Rhinolophidae	1	20	1	77
Family Hipposideridae	4	16	9	81
Family Megadermatidae	1	2	4	5
Family Rhinopomatidae	1	3	1	4
Family Emballonuridae	2	6	13	51
Family Molossidae	3	4	16	100
Family Vespertilionidae[a]	24	66	48	407
Order Pholidota	**1**	**2**	**1**	**8**
Family Manidae	1	2	1	8
Order Carnivora	**34**	**69**	**126**	**286**
Family Canidae	3	9	13	35
Family Mustelidae	10	18	22	59
Family Ailuridae	1	1	1	1

(continued)

Table 2.1 (continued)

Order/Family	In South Asia		After Wilson and Reeder (2005)	
	No. of genera	No. of species	No. of genera	No. of species
Family Ursidae	3	4	5	8
Family Felidae	9	17	14	40
Family Hyaenidae	1	1	3	4
Family Herpestidae	1	7	14	33
Family Viverridae[b]	6	12	15	35
Order Perissodactyla	**3**	**5**	**6**	**17**
Family Equidae	1	2	1	8
Family Rhinocerotidae	2	3	4	5
Order Artiodactyla	**25**	**40**	**89**	**240**
Family Suidae	2	2	5	19
Family Tragulidae	1	3	3	8
Family Moschidae	1	4	1	7
Family Cervidae	6	8	19	51
Family Bovidae	15	23	50	143
Order Cetacea	**23**	**31**	**40**	**84**
Family Balaenidae	1	1	2	4
Family Balaenopteridae	2	5	2	7
Family Delphinidae	13	16	17	34
Family Phocoenidae	1	1	3	6
Family Physeteridae[c]	2	3	2	3
Family Platanistidae	1	1	1	2
Family Ziphiidae	3	4	6	21

[a]Including Family Miniopteridae (with one genus and three species in South Asia)
[b]Including Family Prionodontidae (with one genus and one species in South Asia)
[c]Including Family Kogiidae (with one genus and two species in South Asia)

Table 2.2 List of mammals of South Asia with their common names

Order Proboscidea Illiger, 1811
Family Elephantidae Gray, 1821
1. *Elephas maximus* Linnaeus, 1758 Asian Elephant

Order Sirenia Illiger, 1811
Family Dugongidae Gray, 1821
2. *Dugong dugon* (Müller, 1776) Dugong

Order Scandentia Wagner, 1855
Family Tupaiidae Gray, 1825
3. *Anathana ellioti* (Waterhouse, 1850) Madras Treeshrew
4. *Tupaia belangeri* (Wagner, 1841) Northern Treeshrew
5. *Tupaia nicobarica* (Zelebor, 1869) Nicobar Treeshrew

Order Primates Linnaeus, 1758
Family Lorisidae Gray, 1821
6. *Loris tardigradus* (Linnaeus, 1758) Red Slender Loris
7. *Loris lydekkerianus* Cabrera, 1908 Grey Slender Loris
8. *Nycticebus bengalensis* (Lacépède, 1800) Bengal Slow Loris

(continued)

Table 2.2 (continued)

Family Cercopithecidae Gray, 1821

9. *Macaca silenus* (Linnaeus, 1758) Lion-tailed Macaque
10. *Macaca sinica* (Linnaeus, 1771) Toque Macaque
11. *Macaca mulatta* (Zimmermann, 1780) Rhesus Macaque
12. *Macaca radiata* (E. Geoffroy, 1812) Bonnet Macaque
13. *Macaca fascicularis* (Raffles, 1821) Crab-eating Macaque
14. *Macaca arctoides* (I. Geoffroy, 1831) Stump-tailed Macaque
15. *Macaca assamensis* (Mc'Clelland, 1839) Assam Macaque
16. *Macaca leonina* (Blyth, 1863) Northern Pig-tailed Macaque
17. *Macaca munzala* Sinha et al., 2005 Arunachal Macaque
18. *Semnopithecus entellus* (Dufresne, 1797) Bengal Hanuman Langur
19. *Semnopithecus schistaceus* Hodgson, 1840 Central Himalayan Langur
20. *Semnopithecus hypoleucos* Blyth, 1841 Dark-legged Malabar Langur
21. *Semnopithecus dussumieri* I. Geoffroy, 1843 Western Hanuman Langur
22. *Semnopithecus anchises* (Blyth, 1844) Deccan Hanuman Langur
23. *Semnopithecus priam* Blyth, 1844 Coromandel Gray Langur
24. *Semnopithecus thersites* (Blyth, 1847) Tufted Gray Langur
25. *Semnopithecus ajax* (Pocock, 1928) Himalayan Gray Langur
26. *Semnopithecus hector* (Pocock, 1928) Lesser Hill Langur
27. *Trachypithecus vetulus* (Erxleben, 1777) Purple-faced Langur
28. *Trachypithecus johnii* (Fischer, 1829) Nilgiri Langur
29. *Trachypithecus pileatus* (Blyth, 1843) Capped Langur
30. *Trachypithecus phayrei* (Blyth, 1847) Phayre's Leaf Monkey
31. *Trachypithecus geei* (Khajuria, 1956) Gee's Golden Langur

Family Hylobatidae Gray, 1871

32. *Hoolock hoolock* (Harlan, 1834) Western Hoolock Gibbon
33. *Hoolock leuconedys* (Groves, 1967) Eastern Hoolock Gibbon

Order Rodentia

Family Sciuridae Hemprich, 1820

34. *Ratufa macroura* (Pennant, 1769) Grizzled Giant Squirrel
35. *Ratufa indica* (Erxleben, 1777) Indian Giant Squirrel
36. *Ratufa bicolor* (Sparrman, 1778) Black Giant Squirrel
37. *Belomys pearsonii* (Gray, 1842) Hairy-footed Flying Squirrel
38. *Biswamoyopterus biswasi* Saha, 1981 Namdapha Flying Squirrel
39. *Eoglaucomys fimbriatus* (Gray, 1837) Small Kashmir Flying Squirrel
40. *Eupetaurus cinereus* Thomas, 1888 Woolly Flying Squirrel
41. *Hylopetes alboniger* (Hodgson, 1836) Parti-coloured Flying Squirrel
42. *Petaurista petaurista* (Pallas, 1766) Red Giant Flying Squirrel
43. *Petaurista magnificus* (Hodgson, 1836) Hodgson's Giant Flying Squirrel
44. *Petaurista philippensis* (Elliot, 1839) South Indian Giant Flying Squirrel
45. *Petaurista elegans* (Muller, 1840) Spotted Giant Flying Squirrel
46. *Petaurista nobilis* (Gray, 1842) Noble Giant Flying Squirrel
47. *Petinomys fuscocapillus* (Jerdon, 1847) Travancore Flying Squirrel
48. *Callosciurus erythraeus* (Pallas, 1799) Pallas's Squirrel
49. *Callosciurus pygerythrus* (I.Geoffroy Saint-Hilaire, 1831) Irrawaddy Squirrel
50. *Dremomys lokriah* (Hodgson, 1836) Orange-bellied Himalayan Squirrel
51. *Dremomys pernyi* (Milne-Edwards, 1867) Pernyi's Long-nosed Squirrel

(continued)

Table 2.2 (continued)

52. *Dremomys rufigenis* (Blanford, 1878), Red-cheeked Squirrel
53. *Funambulus palmarum* (Linnaeus, 1766) Three-striped Palm Squirrel
54. *Funambulus tristriatus* (Waterhouse, 1837) Jungle Striped Squirrel
55. *Funambulus sublineatus* (Waterhouse, 1838) Dusky-striped Squirrel
56. *Funambulus layardi* (Blyth, 1849) Layard's Striped Squirrel
57. *Funambulus pennantii* Wroughton, 1905 Northern Palm Squirrel
58. *Tamiops macclellandi* (Horsfield, 1840) Himalayan Striped Squirrel
59. *Spermophilopsis leptodactylus* (Lichtenstein, 1823) Long-clawed Ground Squirrel
60. *Marmota himalayana* (Hodgson, 1841) Himalayan Marmot
61. *Marmota caudata* (Geoffroy, 1844) Long-tailed Marmot
62. *Spermophilus fulvus* (Lichtenstein, 1823) Yellow Ground Squirrel

Family Gliridae Muirhead, 1819

63. *Dryomys nitedula* (Pallas, 1778) Forest Dormouse
64. *Dryomys niethammeri* Holden, 1996 Niethammer's Forest Dormouse

Family Dipodidae Fischer, 1817

65. *Allactaga elater* (Lichtenstein, 1828) Small Five-toed Jerboa
66. *Allactaga williamsi* Thomas, 1897 William's Jerboa
67. *Allactaga hotsoni* Thomas, 1920 Hotson's Five-toed Jerboa
68. *Salpingotulus michaelis* (Fitzgibbon, 1966) Balochistan Pygmy Jerboa
69. *Jaculus blanfordi* (Murray, 1884) Blanford's Jerboa
70. *Sicista concolor* (Büchner, 1892) Chinese Birch Mouse

Family Platacanthomyidae Alston, 1876

71. *Platacanthomys lasiurus* Blyth, 1859 Malabar Spiny Dormouse

Family Spalacidae Gray, 1821

72. *Cannomys badius* (Hodgson, 1841) Bay Bamboo Rat
73. *Rhizomys pruinosus* Blyth, 1851 Hoary Bamboo Rat

Family Calomyscidae Vorontsov and Potapova, 1979

74. *Calomyscus baluchi* Thomas, 1920 Baluchi Mouse-like Hamster
75. *Calomyscus hotsoni* Thomas, 1920 Hotson's Mouse-like Hamster
76. *Calomyscus elburzensis* Goodwin, 1938 Goodwin's Mouse-like Hamster

Family Cricetidae Fischer, 1817

77. *Cricetulus migratorius* (Pallas, 1773) Little Grey Hamster
78. *Cricetulus alticola* Thomas, 1917 Ladakh Hamster
79. *Alticola roylei* (Gray, 1842) Royle's Vole
80. *Alticola stoliczkanus* (Blanford, 1875) Stoliczka's Vole
81. *Alticola argentatus* (Severtzov, 1879) Silver Mountain Vole
82. *Alticola albicaudus* (True, 1894) White-tailed Mountain Vole
83. *Alticola montosa* (True, 1894) Kashmir Mountain Vole
84. *Blanfordimys afghanus* (Thomas, 1912) Afghan Vole
85. *Blanfordimys bucharensis* (Vinogradov, 1930) Bucharian Vole
86. *Ellobius talpinus* (Pallas, 1770) Northern Mole Vole
87. *Ellobius fuscocapillus* (Blyth, 1842) Afghan Mole Vole
88. *Eothenomys melanogaster* (Milne-Edwards, 1871) Pere David's Vole
89. *Hyperacrius wynnei* (Blanford, 1881) Murree Vole
90. *Hyperacrius fertilis* (True, 1894) Subalpine Kashmir Vole
91. *Microtus ilaeus* Thomas, 1912 Kazkhstan Vole
92. *Neodon sikimensis* (Horsfield, 1841) Sikkim Vole

(continued)

Table 2.2 (continued)

93. *Neodon juldaschi* (Severtzov, 1879) Juniper Vole
94. *Phaiomys leucurus* Blyth, 1863 Blyth's Vole

Family Muridae Illiger, 1811

95. *Acomys dimidiatus* (Cretzschmar, 1826) Arabian Spiny Mouse
96. *Gerbillus nanus* Blanford, 1875 Balochistan Gerbil
97. *Gerbillus gleadowi* Murray, 1886 Little Hairy-footed Gerbil
98. *Gerbillus aquilus* Schlitter & Stezer, 1972 Swarthy Gerbil
99. *Meriones meridianus* (Pallas, 1773) Mid-day Jird
100. *Meriones libycus* Lichtenstein, 1823 Libyan Jird
101. *Meriones crassus* Sundevall, 1842 Sundevall's Jird
102. *Meriones hurrianae* (Jerdon, 1867) Indian Desert Gerbil
103. *Meriones persicus* (Blanford, 1875) Persian Jird
104. *Meriones zarudnyi* Heptner, 1937 Zarudny's Jird
105. *Rhombomys opimus* (Lichtenstein, 1823) Great Gerbil
106. *Tatera indica* (Hardwicke, 1807) Indian Gerbil
107. *Apodemus draco* (Barrett-Hamilton, 1900) South China Wood Mouse
108. *Apodemus pallipes* (Barrett-Hamilton, 1900) Himalayan Field Mouse
109. *Apodemus latronum* Thomas, 1911 Sichuan Field Mouse
110. *Apodemus rusiges* Miller, 1913 Kashmir Field Mouse
111. *Apodemus gurkha* Thomas, 1924 Himalayan Wood Mouse
112. *Bandicota indica* (Bechstein, 1800) Large Bandicoot-rat
113. *Bandicota bengalensis* (Gray & Hardwicke, 1833) Lesser Bandicoot-rat
114. *Berylmys bowersi* (Anderson, 1879) Bower's Rat
115. *Berylmys mackenziei* (Thomas, 1916) Mackenzie's Rat
116. *Berylmys manipulus* (Thomas, 1916) Manipur Rat
117. *Chiropodomys gliroides* (Blyth, 1856) Pencillate-tailed Tree-mouse
118. *Cremnomys cutchicus* Wroughton, 1912 Cutch Rock Rat
119. *Cremnomys elvira* (Ellerman, 1947) Large Rock Rat
120. *Dacnomys millardi* Thomas, 1916 Millard's Rat
121. *Diomys crumpi* Thomas, 1917 Crump's Mouse
122. *Golunda ellioti* Gray, 1837 Indian Bush-Rat
123. *Hadromys humei* (Thomas, 1886) Hume's Rat
124. *Leopoldamys edwardsi* (Thomas, 1882) Edward's Rat
125. *Leopoldamys sabanus* (Thomas, 1887) Noisy Rat
126. *Madromys blanfordi* (Thomas, 1881) Blanford's Rat
127. *Micromys minutus* (Pallas, 1771) Harvest Mouse
128. *Millardia meltada* (Gray, 1837) Soft-furred Metad
129. *Millardia gleadowi* (Murray, 1885) Sand-coloured Metad
130. *Millardia kondana* Mishra & Dhanda, 1975 Large Metad
131. *Mus musculus* Linnaeus, 1758 House Mouse
132. *Mus platythrix* Bennett, 1832 Brown Spiny Mouse
133. *Mus booduga* (Gray, 1837) Common Indian Field Mouse
134. *Mus saxicola* Elliot, 1839 Elliot's Spiny Mouse
135. *Mus cervicolor* Hodgson, 1845 Fawn-coloured Mouse
136. *Mus terricolor* Blyth, 1851 Earth-coloured Mouse
137. *Mus famulus* Bonhote, 1898 Bonhote's Mouse
138. *Mus phillipsi* Wroughton, 1912 Wroughton's Small Spiny Mouse

(continued)

Table 2.2 (continued)

139. *Mus cookii* Ryley, 1914 Ryley's Spiny Mouse
140. *Mus mayori* (Thomas, 1915) Mayor's Mouse
141. *Mus pahari* Thomas, 1916 Sikkim Mouse
142. *Mus fernandoni* (Phillips, 1932) Ceylon Spiny Mouse
143. *Nesokia indica* (Gray & Hardwicke, 1832) Short-tailed Bandicoot-rat
144. *Niviventer niviventer* (Hodgson, 1836) Himalayan Niviventer
145. *Niviventer fulvescens* (Gray, 1847) Indo-Malayan Niviventer
146. *Niviventer brahma* (Thomas, 1914) Brahman Niviventer
147. *Niviventer eha* (Wroughton, 1916) Smoke-bellied Niviventer
148. *Niviventer langbianis* (Robinson & Kloss, 1922) Indo-Chinese Arboreal Niviventer
149. *Rattus rattus* (Linnaeus, 1758) Common House Rat
150. *Rattus norvegicus* (Berkenhout, 1769) Norway Rat
151. *Rattus tanezumi* (Temminck, 1844) Oriental House Rat
152. *Rattus nitidus* (Hodgson, 1845) Himalayan Rat
153. *Rattus pyctoris* (Hodgson, 1845) Turkestan Rat
154. *Rattus exulans* (Peale, 1848) Polynesian Rat
155. *Rattus andamanensis* (Blyth, 1860) Indochinese Forest Rat
156. *Rattus palmarum* (Zelebor, 1869) Car Nicobar Rat
157. *Rattus burrus* (Miller, 1902) Miller's Nicobar Rat
158. *Rattus stoicus* (Miller, 1902) Andaman Rat
159. *Rattus satarae* Hinton, 1918 Sahyadri's Forest Rat
160. *Rattus montanus* Phillips, 1932 Nillu Rat
161. *Rattus ranjiniae* Agrawal & Ghosh, 1969 Ranjini's Field Rat
162. *Srilankamys ohiensis* (Phillips, 1929) Ohiya Rat
163. *Vandeleuria oleracea* (Bennett, 1832) Indian Long-tailed Tree Mouse
164. *Vandeleuria nilagirica* (Jerdon, 1867) Nilgiri Vandeleuria
165. *Vandeleuria nolthenii* Phillips, 1929 Ceylon Highland Tree Mouse

Family Hystricidae G. Fischer, 1817

166. *Atherurus macrourus* (Linnaeus, 1758) Asiatic Brush-tailed Porcupine
167. *Hystrix brachyura* Linnaeus, 1758 Himalayan Crestless Porcupine
168. *Hystrix indica* Kerr, 1792 Indian Crested Porcupine

Order Lagomorpha Brandt, 1855

Family Ochotonidae Thomas, 1897

169. *Ochotona roylei* (Ogilby, 1839) Royle's Pika
170. *Ochotona rufescens* (Gray, 1842) Afghan Pika
171. *Ochotona curzoniae* (Hodgson, 1858) Black-lipped Pika
172. *Ochotona thibetana* (Milne-Edwards, 1871) Moupin Pika
173. *Ochotona ladacensis* (Günther, 1875) Ladakh Pika
174. *Ochotona macrotis* (Günther, 1875) Large-eared Pika
175. *Ochotona nubrica* Thomas, 1922 Nubra Pika
176. *Ochotona forresti* Thomas, 1923 Forrest's Pika
177. *Ochotona himalayana* Feng, 1973 Himalayan Pika

Family Leporidae Fischer, 1817

178. *Caprolagus hispidus* (Pearson, 1839) Hispid Hare
179. *Lepus tolai* Pallas, 1778 Tolai Hare
180. *Lepus nigricollis* Cuvier, 1823 Black-naped Hare

(continued)

Table 2.2 (continued)

181. *Lepus oiostolus* Hodgson, 1840 Woolly Hare
182. *Lepus tibetanus* Waterhouse, 1841 Desert Hare

Order Erinaceomorpha Gregory, 1910
Family Erinaceidae Fischer, 1817
183. *Hemiechinus auritus* (Gmelin, 1770) Long-eared Hedgehog
184. *Hemiechinus collaris* (Gray, 1830) Collared Hedgehog
185. *Paraechinus hypomelas* (Brandt, 1836) Brandt's Hedgehog
186. *Paraechinus micropus* (Blyth, 1846) Indian Hedgehog
187. *Paraechinus nudiventris* (Horsfield, 1851) Madras Hedgehog

Order Soricomorpha Gregory, 1910
Family Soricidae Fischer, 1817
188. *Crocidura leucodon* (Hermann, 1780) Bicoloured White-toothed Shrew
189. *Crocidura gmelini* (Pallas, 1811) Gmelin's White-toothed Shrew
190. *Crocidura fuliginosa* (Blyth, 1855) Southeast Asian Shrew
191. *Crocidura horsfieldii* (Tomes, 1856) Horsfield's Shrew
192. *Crocidura attenuata* Milne-Edwards, 1872 Grey Shrew
193. *Crocidura andamanensis* Miller, 1902 Andaman White-toothed Shrew
194. *Crocidura nicobarica* Miller, 1902 Nicobar Shrew
195. *Crocidura pullata* Miller, 1911 Kashmir White-toothed Shrew
196. *Crocidura hispida* Thomas, 1913 Andaman Shrew
197. *Crocidura pergrisea* Miller, 1913 Pale Grey Shrew
198. *Crocidura rapax* G. Allen, 1923 Chinese White-toothed Shrew
199. *Crocidura zarudnyi* Ognev, 1928 Zarudny's Rock Shrew
200. *Crocidura miya* Phillips, 1929 Sri Lankan Long-tailed Shrew
201. *Crocidura jenkinsi* Chakraborty, 1978 Jenkin's Andaman Spiny Shrew
202. *Crocidura hikmiya* Meegaskumbara et al., 2007 Sinharaja Shrew
203. *Feroculus feroculus* (Kelaart, 1850) Kelaart's Long-clawed Shrew
204. *Solisorex pearsoni* Thomas, 1924 Pearson's Long-clawed Shrew
205. *Suncus murinus* (Linnaeus, 1766) House Shrew
206. *Suncus etruscus* (Savi, 1822) Savi's Pygmy Shrew
207. *Suncus montanus* (Kelaart, 1850) Sri Lankan Highland Shrew
208. *Suncus niger* (Horsfield, 1851) Indian Highland Shrew
209. *Suncus stoliczkanus* (Anderson, 1877) Anderson's Shrew
210. *Suncus dayi* (Dobson, 1888) Day's Shrew
211. *Suncus zeylanicus* Phillips, 1928 Ceylon Jungle Shrew
212. *Suncus fellowesgordoni* Phillips, 1932 Ceylon Pygmy Shrew
213. *Anourosorex squamipes* Milne-Edwards, 1872 Chinese Mole-Shrew
214. *Anourosorex assamensis* Anderson, 1875 Assam Mole-Shrew
215. *Anourosorex schmidi* Petter, 1963 Giant Mole-Shrew
216. *Chimmarogale himalayica* (Gray, 1842) Himalayan Water Shrew
217. *Episoriculus caudatus* (Horsfield, 1851) Hodgson's Brown-toothed Shrew
218. *Episoriculus macrurus* (Blanford, 1888) Arboreal Brown-toothed Shrew
219. *Episoriculus sacratus* (Thomas, 1911) Sichuan Brown-toothed Shrew
220. *Episoriculus baileyi* (Thomas, 1914) Long-tailed Brown-toothed Shrew
221. *Nectogale elegans* Milne-Edwards, 1870 Web-footed Shrew
222. *Sorex minutus* Linnaeus, 1766 Eurasian Pygmy Shrew

(continued)

Table 2.2 (continued)

223. *Sorex bedfordiae* Thomas, 1911 Lesser Striped Shrew
224. *Sorex planiceps* Miller, 1911 Kashmir Pygmy Shrew
225. *Sorex excelsus* Allen, 1923 Chinese Highland Shrew
226. *Soriculus nigriscens* (Gray, 1842) Sikkim Large-clawed Shrew

Family Talpidae Fischer, 1817

227. *Euroscaptor micrura* (Hodgson, 1841) Himalayan Mole
228. *Parascaptor leucura* (Blyth, 1850) Indian Mole

Order Chiroptera Blumenbach, 1779

Family Pteropodidae Gray, 1821

229. *Cynopterus sphinx* (Vahl, 1797) Greater Short-nosed Fruit Bat
230. *Cynopterus brachyotis* (Müller, 1838) Lesser Short-nosed Fruit Bat
231. *Eonycteris spelaea* (Dobson, 1871) Lesser Dawn Bat
232. *Latidens salimalii* Thonglongya, 1972 Salim Ali's Fruit Bat
233. *Macroglossus sobrinus* Andersen, 1911 Greater Long-nosed Fruit Bat
234. *Megaerops ecaudatus* Temminck, 1837 Temminck's Fruit Bat
235. *Megaerops niphanae* Yenbutra & Fenten, 1983 Ratanaworabhan's Fruit Bat
236. *Pteropus giganteus* (Brünnich, 1782) Indian Flying Fox
237. *Pteropus hypomelanus* Temminck, 1853 Variable Flying Fox
238. *Pteropus melanotus* Blyth, 1863 Black-eared Flying Fox
239. *Pteropus faunulus* Miller, 1902 Nicobar Flying Fox
240. *Rousettus aegyptiacus* (E. Geoffroy, 1810) Egyptian Rousette
241. *Rousettus leschenaultii* (Desmarest, 1820) Leschenault's Rousette
242. *Sphaerias blanfordi* (Thomas, 1891) Blanford's Fruit Bat

Family Rhinolophidae Bell, 1836

243. *Rhinolophus ferrumequinum* (Schreber, 1774) Greater Horseshoe Bat
244. *Rhinolophus hipposideros* (Bechstein, 1800) Lesser Horseshoe Bat
245. *Rhinolophus affinis* Horsfield, 1823 Intermediate Horseshoe Bat
246. *Rhinolophus pusillus* Temminck, 1834 Least Horseshoe Bat
247. *Rhinolophus trifoliatus* Temminck, 1834 Trefoil Horseshoe Bat
248. *Rhinolophus luctus* Temminck, 1835 Woolly Horseshoe Bat
249. *Rhinolophus rouxii* Temminck, 1835 Rufous Horseshoe Bat
250. *Rhinolophus lepidus* Blyth, 1844 Blyth's Horseshoe Bat
251. *Rhinolophus macrotis* Blyth, 1844 Big-eared Horseshoe Bat
252. *Rhinolophus mitratus* Blyth, 1844 Mitred Horseshoe Bat
253. *Rhinolophus subbadius* Blyth, 1844 Little Nepalese Horseshoe Bat
254. *Rhinolophus pearsonii* Horsfield, 1851 Pearson's Horseshoe Bat
255. *Rhinolophus blasii* Peters, 1866 Blasius's Horseshoe Bat
256. *Rhinolophus yunanensis* Dobson, 1872 Dobson's Horseshoe Bat
257. *Rhinolophus mehelyi* Matschie, 1902 Mehely's Horseshoe Bat
258. *Rhinolophus beddomei* Andersen, 1905 Beddome's Horseshoe Bat
259. *Rhinolophus sinicus* Andersen, 1905 Chinese Horseshoe Bat
260. *Rhinolophus cognatus* Andersen, 1906 Andaman Horseshoe Bat
261. *Rhinolophus bocharicus* Kastchenko & Akimov, 1917 Central Aisan Horseshoe Bat
262. *Rhinolophus shortridgei* K. Andersen, 1918 Shortridge's Horseshoe Bat

Family Hipposideridae Lydekker, 1891

263. *Asellia tridens* (E. Geoffroy, 1813) Geoffroy's Trident Leaf-nosed Bat
264. *Coelops frithii* Blyth, 1848 East Asian Tail-less Leaf-nosed Bat

(continued)

Table 2.2 (continued)

265. *Hipposideros speoris* (Schneider, 1800) Schneider's Leaf-nosed Bat
266. *Hipposideros diadema* (E. Geoffroy, 1813) Diadem Leaf-nosed Bat
267. *Hipposideros larvatus* (Horsfield, 1823) Intermediate Leaf-nosed Bat
268. *Hipposideros armiger* (Hodgson, 1835) Great Leaf-nosed Bat
269. *Hipposideros fulvus* Gray, 1838 Fulvus Leaf-nosed Bat
270. *Hipposideros galeritus* Cantor, 1846 Cantor's Leaf-nosed Bat
271. *Hipposideros ater* Templeton, 1848 Dusky Leaf-nosed Bat
272. *Hipposideros lankadiva* Kelaart, 1850 Indian Leaf-nosed Bat
273. *Hipposideros cineraceus* Blyth, 1853 Ashy Leaf-nosed Bat
274. *Hipposideros nicobarulae* Miller, 1902 Nicobar Leaf-nosed Bat
275. *Hipposideros pomona* Andersen, 1918 Pomona Leaf-nosed Bat
276. *Hipposideros durgadasi* Khajuria, 1970 Durga Das's Leaf-nosed Bat
277. *Hipposideros hypophyllus* Kock and Bhat, 1994 Kolar Leaf-nosed Bat
278. *Triaenops persicus* Dobson, 1871 Persian Trident Bat

Family Megadermatidae H. Allen, 1864

279. *Megaderma spasma* (Linnaeus, 1758) Lesser False Vampire Bat
280. *Megaderma lyra* E. Geoffroy, 1810 Greater False Vampire Bat

Family Rhinopomatidae Bonaparte, 1838

281. *Rhinopoma hardwickii* Gray, 1831 Lesser Mouse-tailed Bat
282. *Rhinopoma microphyllum* (Brünnich, 1872) Greater Mouse-tailed Bat
283. *Rhinopoma muscatellum* Thomas, 1903 Small Mouse-tailed Bat

Family Emballonuridae Gervais, 1855

284. *Saccolaimus saccolaimus* (Temminck, 1838) Pouch-bearing Tomb Bat
285. *Taphozous perforatus* E. Geoffroy, 1818 Egyptian Tomb Bat
286. *Taphozous longimanus* Hardwicke, 1825 Long-winged Tomb Bat
287. *Taphozous nudiventris* Cretzschmar, 1830 Naked-rumped Tomb Bat
288. *Taphozous melanopogon* Temminck, 1841 Black-bearded Tomb Bat
289. *Taphozous theobaldi* Dobson, 1872 Theobald's Tomb Bat

Family Molossidae Gill, 1872

290. *Chaerephon plicatus* (Buchanan, 1800) Wrinkle-lipped Free-tailed Bat
291. *Otomops wroughtoni* (Thomas, 1913) Wroughton's Giant Mastiff Bat
292. *Tadarida teniotis* (Rafinesque, 1814) European Free-tailed Bat
293. *Tadarida aegyptiaca* (E. Geoffroy, 1818) Egyptian Free-tailed Bat

Family Vespertilionidae Gray, 1821

294. *Arielulus circumdatus* (Temminck, 1840) Bronze Sprite
295. *Eptesicus serotinus* (Schreber, 1774) Serotine
296. *Eptesicus bottae* (Peters, 1869) Botta's Serotine
297. *Eptesicus pachyotis* (Dobson, 1871) Thick-eared Bat
298. *Eptesicus nasutus* (Dobson, 1877) Sindh Bat
299. *Eptesicus dimissus* Thomas, 1916 Surat Serotine
300. *Eptesicus gobiensis* Bobrinskii, 1926 Gobi Big Brown Bat
301. *Eptesicus tatei* Ellerman & Morrison-Scott, 1951 Sombre Bat
302. *Hesperoptenus tickelli* (Blyth, 1851) Tickell's Bat
303. *Scotoecus pallidus* (Dobson, 1876) Desert Yellow Lesser House Bat
304. *Scotomanes ornatus* (Blyth, 1851) Harlequin Bat
305. *Scotophilus kuhlii* Leach, 1821 Lesser Asiatic Yellow House Bat
306. *Scotophilus heathii* (Horsfield, 1831) Greater Asiatic Yellow House Bat

(continued)

Table 2.2 (continued)

307. *Nyctalus noctula* (Schreber, 1774) Noctule
308. *Nyctalus leisleri* (Kuhl, 1817) Leisler's Noctule
309. *Nyctalus montanus* (Barrett-Hamilton, 1906) Mountain Noctule
310. *Pipistrellus pipistrellus* (Schreber, 1774) Common Pipistrelle
311. *Pipistrellus kuhlii* (Kuhl, 1817) Kuhl's Pipistrelle
312. *Pipistrellus coromandra* (Gray, 1838) Indian Pipistrelle
313. *Pipistrellus javanicus* (Gray, 1838) Javan Pipistrelle
314. *Pipistrellus abramus* (Temminck, 1840) Japanese Pipistrelle
315. *Pipistrellus tenuis* (Temminck, 1840) Least Pipistrelle
316. *Pipistrellus ceylonicus* (Kelaart, 1852) Kelaart's Pipistrelle
317. *Pipistrellus paterculus* Thomas, 1915 Mount Popa Pipistrelle
318. *Scotozous dormeri* Dobson, 1875 Dormer's Pipistrelle
319. *Barbastella darjelingensis* (Hodgson, 1855) Large Barbastelle
320. *Otonycteris hemprichii* Peters, 1859 Hemprich's Desert Bat
321. *Plecotus homochrous* Hodgson, 1847 Nepal Long-eared Bat
322. *Plecotus wardi* Thomas, 1911 Ward's Long-eared Bat
323. *Plecotus strelkovi* Spitzenberger, 2006 Strelkov's Long-eared Bat
324. *Falsistrellus affinis* (Dobson, 1871) Chocolate Pipistrelle
325. *Hypsugo savii* (Bonaparte, 1837) Savii's Pipistrelle
326. *Hypsugo cadornae* (Thomas, 1916) Cadorna's Pipistrelle
327. *Ia io* Thomas, 1902 Great Evening Bat
328. *Philetor brachypterus* (Temminck, 1840) Rohu's Bat
329. *Tylonycteris pachypus* (Temminck, 1840) Lesser Bamboo Bat
330. *Tylonycteris robustula* Thomas, 1915 Greater Bamboo Bat
331. *Vespertilio murinus* Linnaeus, 1758 Particolored Bat
332. *Myotis emarginatus* (E. Geoffroy, 1806) Geoffroy's Myotis
333. *Myotis formosus* (Hodgson, 1835) Hodgson's Myotis
334. *Myotis hasseltii* (Temminck, 1840) Lesser Large-footed Myotis
335. *Myotis horsfieldii* (Temminck, 1840) Horsfield's Myotis
336. *Myotis muricola* (Gray, 1846) Hairy-faced Myotis
337. *Myotis siligorensis* (Horsfield, 1855) Himalayan Whiskered Myotis
338. *Myotis blythi* (Tomes, 1857) Lesser Mouse-eared Myotis
339. *Myotis annectans* (Dobson, 1871) Hairy-faced Myotis
340. *Myotis laniger* (Peters, 1871) Chinese Water Myotis
341. *Myotis nipalensis* (Dobson, 1871) Nepal Whiskered Myotis
342. *Myotis longipes* (Dobson, 1873) Kashmir Cave Myotis
343. *Myotis montivagus* (Dobson, 1874) Burmese Whiskered Myotis
344. *Myotis sicarius* Thomas, 1915 Mendelli's Mouse-eared Myotis
345. *Myotis bucharensis* Kuzyakin, 1950 Bocharic Myotis
346. *Myotis csorbai* Topál, 1997 Csorba's Mouse-eared Myotis
347. *Harpiocephalus harpia* (Temminck, 1840) Lesser Hairy-winged Bat
348. *Murina aurata* Milne-Edwards, 1872 Little Tube-nosed Bat
349. *Murina cyclotis* Dobson, 1872 Round-eared Tube-nosed Bat
350. *Murina huttoni* (Peters, 1872) Hutton's Tube-nosed Bat
351. *Murina leucogaster* Milne-Edwards, 1872 Greater Tube-nosed Bat
352. *Murina tubinaris* (Scully, 1881) Scully's Tube-nosed Bat
353. *Harpiola grisea* (Peters, 1872) Peter's Tube-nosed Bat

(continued)

Table 2.2 (continued)

354. *Kerivoula picta* (Pallas, 1767) Painted Woolly Bat
355. *Kerivoula hardwickii* (Horsfield, 1824) Hardwicke's Woolly Bat
356. *Kerivoula lenis* Thomas, 1916 Lenis Woolly Bat

Family Miniopteridae Miller, 1907

357. *Miniopterus fuliginosus* (Hodgson, 1835) Eastern Long-fingered Bat
358. *Miniopterus pusillus* Dobson, 1876 Small Long-fingered Bat
359. *Miniopterus magnater* Sanborn, 1931 Western Long-fingered Bat

Order Pholidota Weber, 1904

Family Manidae Gray, 1821

360. *Manis crassicaudata* Gray, 1827 Indian Pangolin
361. *Manis pentadactyla* Linnaeus, 1758 Chinese Pangolin

Order Carnivora Bowdich, 1821

Family Canidae Fischer de Waldheim, 1817

362. *Canis aureus* Linnaeus, 1758 Golden Jackal
363. *Canis lupus* Linnaeus, 1758 Wolf
364. *Cuon alpinus* (Pallas, 1811) Dhole
365. *Vulpes vulpes* (Linnaeus, 1758) Red Fox
366. *Vulpes corsac* (Linnaeus, 1768) Corsac Fox
367. *Vulpes bengalensis* (Shaw, 1800) Bengal Fox
368. *Vulpes ruppellii* (Schinz, 1825) Ruppelli's Fox
369. *Vulpes ferrilata* Hodgson, 1842 Tibetan Fox
370. *Vulpes cana* Blanford, 1877 Blanford's Fox

Family Mustelidae Fischer de Waldheim, 1817

371. *Aonyx cinerea* (Illiger, 1815) Oriental Small-clawed Otter
372. *Lutra lutra* (Linnaeus, 1758) European Otter
373. *Lutrogale perspicillata* (I. Geoffroy Saint-Hilaire, 1826) Smooth-coated Otter
374. *Martes foina* (Erxleben, 1777) Beech Marten
375. *Martes flavigula* (Boddaert, 1785) Yellow-throated Marten
376. *Martes gwatkinskii* Horsfield, 1851 Nilgiri Marten
377. *Arctonyx collaris* F. Cuvier, 1825 Hog-Badger
378. *Meles meles* (Linnaeus, 1758) European Badger
379. *Mellivora capensis* (Schreber, 1776) Honey Badger
380. *Melogale moschata* (Gray, 1831) Chinese Ferret-Badger
381. *Melogale personata* I. Geoffroy Saint-Hilaire, 1831 Burmese Ferret-Badger
382. *Mustela erminea* Linnaeus, 1758 Ermine
383. *Mustela nivalis* Linnaeus, 1758 Least Weasel
384. *Mustela sibirica* Pallas, 1773 Siberian Weasel
385. *Mustela altaica* Pallas, 1811 Mountain Weasel
386. *Mustela kathiah* Hodgson, 1835 Yellow-bellied Weasel
387. *Mustela strigidorsa* Gray, 1853 Back-striped Weasel
388. *Vormela peregusna* (Guldenstaedt, 1770), Marbled Polecat

Family Ailuridae Gray, 1843

389. *Ailurus fulgens* F. G. Cuvier, 1825 Red Panda

Family Ursidae Fischer de Waldheim, 1817

390. *Helarctos malayanus* (Raffles, 1822) Sun Bear
391. *Melursus ursinus* (Shaw, 1791) Sloth Bear

(continued)

Table 2.2 (continued)

392. *Ursus arctos* Linnaeus, 1758 Brown Bear
393. *Ursus thibetanus* (G. Cuvier, 1823) Asian Black Bear

Family Felidae Fischer de Waldheim, 1817

394. *Acinonyx jubatus* (Griffith, 1821) Cheetah
395. *Caracal caracal* (Schreber, 1776) Caracal
396. *Felis chaus* Schreber, 1777 Jungle Cat
397. *Felis sylvestris* Schreber, 1777 Wild Cat
398. *Felis margarita* Loche, 1858 Sand Cat
399. *Lynx lynx* (Linnaeus, 1758) European Lynx
400. *Otocolobus manul* (Pallas, 1776) Pallas's Cat
401. *Pardofelis temminckii* (Vigors and Horsfield, 1827) Asiatic Golden Cat
402. *Pardofelis marmorata* (Martin, 1837) Marbled Cat
403. *Prionailurus bengalensis* (Kerr, 1792) Leopard Cat
404. *Prionailurus rubiginosus* (I. Geoffroy, 1831) Rusty-Spotted Cat
405. *Prionailurus viverrinus* (Bennett, 1833) Fishing Cat
406. *Neofelis nebulosa* (Griffith, 1821) Clouded Leopard
407. *Panthera leo* (Linnaeus, 1758) Lion
408. *Panthera pardus* (Linnaeus, 1758) Leopard
409. *Panthera tigris* (Linnaeus, 1758) Tiger
410. *Panthera uncia* (Schreber, 1775) Snow Leopard

Family Prionodontidae Pocock, 1933

411. *Prionodon pardicolor* Hodgson, 1842 Spotted Linsang

Family Hyaenidae Gray, 1821

412. *Hyaena hyaena* (Linnaeus, 1758) Striped Hyaena

Family Herpestidae Bonaparte, 1845

413. *Herpestes edwardsii* (E. Geoffroy Saint-Hilaire, 1818) Indian Grey Mongoose
414. *Herpestes vitticollis* Bennett, 1835 Striped-necked Mongoose
415. *Herpestes auropunctatus* (Hodgson, 1836) Small Indian Mongoose
416. *Herpestes urva* (Hodgson, 1836) Crab-eating Mongoose
417. *Herpestes smithii* Gray, 1837 Ruddy Mongoose
418. *Herpestes fuscus* Waterhouse, 1838 Indian Brown Mongoose
419. *Herpestes palustris* Ghose, 1965 Bengal Marsh Mongoose

Family Viverridae Gray, 1821

420. *Arctictis binturong* (Raffles, 1821) Binturong
421. *Arctogalidia trivirgata* (Gray, 1832) Small-toothed Palm Civet
422. *Paguma larvata* (Hamilton-Smith, 1827) Masked Palm Civet
423. *Paradoxurus hermaphroditus* (Pallas, 1777) Common Palm Civet
424. *Paradoxurus aureus* F. Cuvier, 1822 Golden Dry-zone Palm Civet
425. *Paradoxurus montanus* Kelaart, 1852 Sri Lankan Brown Palm Civet
426. *Paradoxurus jerdoni* Blanford, 1885 Jerdon's Palm Civet
427. *Paradoxurus stenocephalus* Groves et al., 2009 Golden Wet-zone Palm Civet
428. *Viverra zibetha* Linnaeus, 1758 Large Indian Civet
429. *Viverra civettina* Blyth, 1862 Malabar Large Spotted Civet
430. *Viverricula indica* (E. Geoffroy Saint-Hilaire, 1803) Small Indian Civet

Order Perissodactyla Owen, 1848

Family Equidae Gray, 1821

431. *Equus hemionus* Pallas, 1775 Asian Wild Ass
432. *Equus kiang* Moorcroft, 1841 Tibetan Wild Ass

(continued)

Table 2.2 (continued)

Family Rhinocerotidae Gray, 1821
433. *Dicerorhinus sumatrensis* (Fischer, 1814) Sumatran Rhinoceros
434. *Rhinoceros unicornis* Linnaeus, 1758 Great One-horned Rhinoceros
435. *Rhinoceros sondaicus* Desmarest, 1822 Lesser One-horned Rhinoceros

Order Artiodactyla Owen, 1848
Family Suidae Gray, 1821
436. *Porcula salvania* Hodgson, 1847 Pygmy Hog
437. *Sus scrofa* Linnaeus, 1758 Wild Boar
Family Tragulidae Milne-Edwards, 1864
438. *Moschiola meminna* (Erxleben, 1777) White Spotted Chevrotain
439. *Moschiola indica* (Gray, 1843) Indian Spotted Chevrotain
440. *Moschiola kathygre* Groves & Meijaard, 2005 Yellow-striped Chevrotain
Family Moschidae Gray, 1821
441. *Moschus chrysogaster* Hodgson, 1839 Alpine Muskdeer
442. *Moschus leucogaster* Hodgson, 1839 White-bellied Muskdeer
443. *Moschus fuscus* Li, 1981 Dwarf Muskdeer
444. *Moschus cupreus* Grubb, 1982 Kashmir Muskdeer
Family Cervidae Goldfuss, 1820
445. *Axis axis* (Erxleben, 1777) Spotted Deer
446. *Hyelaphus porcinus* (Zimmermann, 1780) Hog-Deer
447. *Cervus elaphus* Linnaeus, 1758 Red Deer
448. *Muntiacus vaginalis* (Boddaert, 1785) Northern Red Muntjak
449. *Muntiacus putaoensis* Amato, Egan & Rabinowitz, 1999 Leaf Muntjak
450. *Rucervus duvaucelii* (Cuvier, 1823) Swamp Deer
451. *Rucervus eldi* (McClelland, 1842) Brow-antlered Deer
452. *Rusa unicolor* (Kerr, 1792) Sambar
Family Bovidae Gray, 1821
453. *Antilope cervicapra* (Linnaeus, 1758) Blackbuck
454. *Gazella subgutturosa* (Guldenstaedt, 1780) Goitered Gazelle
455. *Gazella bennettii* (Sykes, 1831) Indian Gazelle
456. *Procapra picticaudata* Hodgson, 1846 Tibetan Gazelle
457. *Bos gaurus* H. Smith, 1827 Indian Bison
458. *Bos mutus* (Przewalski, 1883) Wild Yak
459. *Boselaphus tragocamelus* (Pallas, 1766) Nilgai
460. *Bubalus arnee* (Kerr, 1792) Wild Buffalo
461. *Tetracerus quadricornis* (de Blainville, 1816) Four-horned Antelope
462. *Budorcas taxicolor* Hodgson, 1850 Takin
463. *Capra sibirica* (Pallas, 1776) Siberian Ibex
464. *Capra aegagrus* Erxleben, 1777 Wild Goat
465. *Capra falconeri* (Wagner, 1839) Markhor
466. *Capricornis thar* (Hodgson, 1831) Himalayan Serow
467. *Hemitragus jemlahicus* (H. Smith, 1826) Himalayan Tahr
468. *Nemorhaedus goral* (Hardwicke, 1825) Himalayan Goral
469. *Nemorhaedus griseus* Milne-Edwards, 1872 Chinese Goral
470. *Nemorhaedus bailey* Pocock, 1914 Red Goral
471. *Nilgiritragus hylocrius* (Ogilby, 1838) Nilgiri Tahr
472. *Ovis ammon* (Linnaeus, 1758) Argali

(continued)

Table 2.2 (continued)

473. *Ovis orientalis* Gmelin, 1774 Urial
474. *Pantholops hodgsoni* (Abel, 1826) Tibetan Antelope
475. *Pseudois nayaur* (Hodgson, 1833) Blue Sheep

Order Cetacea Brisson, 1762
Family Balaenidae Gray, 1821
476. *Eubalaena australis* (Desmoulins, 1822) Southern Right Whale
Family Balaenopteridae Gray, 1864
477. *Balaenoptera musculus* (Linnaeus, 1758) Blue Whale
478. *Balaenoptera physalus* (Linnaeus, 1758) Fin Whale
479. *Balaenoptera acutorostrata* Lacepede, 1804 Common Minke Whale
480. *Balaenoptera edeni* Anderson, 1879 Bryde's Whale
481. *Megaptera novaeangliae* (Borowski, 1781) Humpback Whale
Family Delphinidae Gray, 1821
482. *Delphinus capensis* Gray, 1828 Long-beaked Common Dolphin
483. *Feresa attenuata* Gray, 1875 Pygmy Killer Whale
484. *Globicephala macrorhynchus* Gray, 1846 Short-finned Pilot Whale
485. *Grampus griseus* (G. Cuvier, 1812) Risso's Dolphin
486. *Lagenodelphis hosei* Fraser, 1956 Fraser's Dolphin
487. *Orcaella brevirostris* (Owen, 1866) Irrawaddy Dolphin
488. *Orcinus orca* (Linnaeus, 1758) Killer Whale
489. *Peponocephala electra* (Gray, 1846) Melon-headed Dolphin
490. *Pseudorca crassidens* (Owen, 1846) False Killer Whale
491. *Sousa chinensis* (Osbeck, 1765) Indopacific Humpback Dolphin
492. *Stenella longirostris* (Gray, 1828) Spinner Dolphin
493. *Stenella coeruleoalba* (Mayen, 1833) Striped Dolphin
494. *Stenella attenuata* (Gray, 1846) Pantropical Spotted Dolphin
495. *Steno bredanensis* (Lesson, 1828) Rough-toothed Dolphin
496. *Tursiops truncatus* (Montagu, 1821) Bottle-nosed Dolphin
497. *Tursiops aduncus* (Ehrenberg, 1833) Indopacific Bottle-nosed Dolphin
Family Phocoenidae Gray, 1825
498. *Neophocaena phocaenoides* (G. Cuvier, 1829) Finless Porpoise
Family Physeteridae Gray, 1821
499. *Physeter catodon* Linnaeus, 1758 Sperm Whale
Family Kogiidae Miller, 1923
500. *Kogia breviceps* (Blainville, 1838) Pygmy Sperm Whale
501. *Kogia sima* (Owen, 1866) Dwarf Sperm Whale
Family Platanistidae Gray, 1846
502. *Platanista gangetica* (Roxburgh, 1801) Gangetic Dolphin
Family Ziphiidae Gray, 1865
503. *Indopacetus pacificus* (Longman, 1926) Tropical Bottlenose Whale
504. *Mesoplodon densitirostris* (Blainville, 1817) Blainville's Beaked Whale
505. *Mesoplodon ginkgodens* Nishiwaki and Kamiya, 1958 Ginkgo-toothed Beaked Whale
506. *Ziphius cavirostris* G. Cuvier, 1823 Goosebeak Whale

Table 2.3 Distribution of mammals in South Asia indicating presence in countries within

S. No.	Taxon	Species present in Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Order Proboscidea Illiger, 1811									
Family Elephantidae Gray, 1821									
1.	*Elephas maximus* Linnaeus, 1758	–	+	+	+	–	+	–	+
Order Sirenia Illiger, 1811									
Family Dugongidae Gray, 1821									
2.	*Dugong dugon* (Müller, 1776)	–	–	–	+	+	–	+	+
Order Scandentia Wagner, 1855									
Family Tupaiidae Gray, 1825									
3.	*Anathana ellioti* (Waterhouse, 1850)	–	–	–	+	–	–	–	–
4.	*Tupaia belangeri* (Wagner, 1841)	–	+	+	+	–	+	–	–
5.	*Tupaia nicobarica* (Zelebor, 1869)	–	–	–	+	–	–	–	–
Order Primates Linnaeus, 1758									
Family Lorisidae Gray, 1821									
6.	*Loris tardigradus* (Linnaeus, 1758)	–	–	–	–	–	–	–	+
7.	*Loris lydekkerianus* Cabrera, 1908	–	–	–	+	–	–	–	+
8.	*Nycticebus bengalensis* (Lacépède, 1800)	–	+	+	+	–	–	–	–
Family Cercopithecidae Gray, 1821									
Subfamily Cercopithecinae Gray, 1821									
9.	*Macaca silenus* (Linnaeus, 1758)	–	–	–	+	–	–	–	–
10.	*Macaca sinica* (Linnaeus, 1771)	–	–	–	–	–	–	–	+
11.	*Macaca mulatta* (Zimmermann, 1780)	+	+	+	+	–	+	+	–
12.	*Macaca radiata* (E. Geoffroy, 1812)	–	–	–	+	–	–	–	–
13.	*Macaca fascicularis* (Raffles, 1821)	–	+	–	+	–	–	–	–
14.	*Macaca arctoides* (I. Geoffroy, 1831)	–	EX	–	+	–	–	–	–
15.	*Macaca assamensis* (Mc'Clelland, 1839)	–	+	+	+	–	+	–	–

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
16.	*Macaca leonina* (Blyth, 1863)	–	+	–	+	–	–	–	–
17.	*Macaca munzala* Sinha, Datta, Madusudhan and Mishra, 2005	–	–	?	+	–	–	–	–
Subfamily Colobinae Jerdon, 1867									
18.	*Semnopithecus entellus* (Dufresne, 1797)	–	+	–	+	–	–	–	–
19.	*Semnopithecus schistaceus* Hodgson, 1840	–	–	+	+	–	+	+	–
20.	*Semnopithecus hypoleucos* Blyth, 1841	–	–	–	+	–	–	–	–
21.	*Semnopithecus dussumieri* I. Geoffroy, 1843	–	–	–	+	–	–	–	–
22.	*Semnopithecus anchises* (Blyth, 1844)	–	–	–	+	–	–	–	–
23.	*Semnopithecus priam* Blyth, 1844	–	–	–	+	–	–	–	–
24.	*Semnopithecus thersites* (Blyth, 1847)	–	–	–	+	–	–	–	+
25.	*Semnopithecus ajax* (Pocock, 1928)	–	–	–	+	–	?	–	–
26.	*Semnopithecus hector* (Pocock, 1928)	–	–	–	+	–	+	–	–
27.	*Trachypithecus vetulus* (Erxleben, 1777)	–	–	–	–	–	–	–	+
28.	*Trachypithecus johnii* (Fischer, 1829)	–	–	–	+	–	–	–	–
29.	*Trachypithecus pileatus* (Blyth, 1843)	–	+	+	+	–	–	–	–
30.	*Trachypithecus phayrei* (Blyth, 1847)	–	+	–	+	–	–	–	–
31.	*Trachypithecus geei* (Khajuria, 1956)	–	–	+	+	–	–	–	–
Family Hylobatidae Gray, 1871									
32.	*Hoolock hoolock* (Harlan, 1834)	–	+	–	+	–	–	–	–
33.	*Hoolock leuconedys* Groves, 1967	–	–	–	+	–	–	–	–
Order Rodentia									
Suborder Sciuromorpha Brandt, 1855									
Family Sciuridae Hemprich, 1820									
Subfamily Ratufinae Moore, 1959									
34.	*Ratufa macroura* (Pennant, 1769)	–	–	–	+	–	–	–	+

35.	*Ratufa indica* (Erxleben, 1777)	−	−	−	+	−	−	−	−
36.	*Ratufa bicolor* (Sparrman, 1778)	−	+	+	+	−	+	−	−
Subfamily Sciurinae Fischer de Waldheim, 1817									
37.	*Belomys pearsonii* (Gray, 1842)	−	−	+	+	−	+	−	−
38.	*Biswamoyopterus biswasi* Saha, 1981	−	−	−	+	−	−	−	−
39.	*Eoglaucomys fimbriatus* (Gray, 1837)	+	−	−	+	−	−	+	−
40.	*Eupetaurus cinereus* Thomas, 1888	−	−	+	+	−	−	+	−
41.	*Hylopetes alboniger* (Hodgson, 1836)	−	−	+	+	−	+	−	−
42.	*Petaurista petaurista* (Pallas, 1766)	+	+	+	+	−	+	+	−
43.	*Petaurista magnificus* (Hodgson, 1836)	−	−	+	+	−	+	−	−
44.	*Petaurista philippensis* (Elliot, 1839)	−	−	−	+	−	−	−	+
45.	*Petaurista elegans* (Muller, 1840)	−	−	+	+	−	+	−	−
46.	*Petaurista nobilis* (Gray, 1842)	−	−	+	+	−	+	−	−
47.	*Petinomys fuscocapillus* (Jerdon, 1847)	−	−	−	+	−	−	−	+
Subfamily Callosciurinae Pocock, 1923									
48.	*Callosciurus erythraeus* (Pallas, 1799)	−	+	+	+	−	−	−	−
49.	*Callosciurus pygerythrus* (I. Geoffroy Saint-Hilaire, 1831)	−	+	+	+	−	+	−	−
50.	*Dremomys lokriah* (Hodgson, 1836)	−	+	+	+	−	−	+	−
51.	*Dremomys pernyi* (Milne-Edwards, 1867)	−	−	−	+	−	−	−	−
52.	*Dremomys rufigenis* (Blanford, 1878)	−	−	−	+	−	−	−	−
53.	*Funambulus palmarum* (Linnaeus, 1766)	−	−	−	+	−	−	−	+
54.	*Funambulus tristriatus* (Waterhouse, 1837)	−	−	−	+	−	−	−	−
55.	*Funambulus sublineatus* (Waterhouse, 1838)	−	−	−	+	−	−	−	+
56.	*Funambulus layardi* (Blyth, 1849)	−	−	−	−	−	−	−	+
57.	*Funambulus pennantii* Wroughton, 1905	−	+	+	+	−	+	+	−
58.	*Tamiops macclellandi* (Horsfield, 1840)	−	−	+	+	−	+	−	−
Subfamily Xerinae Osborn, 1910									
59.	*Spermophilopsis leptodactylus* (Lichtenstein, 1823)	+	−	−	−	−	−	−	−

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
60.	*Marmota himalayana* (Hodgson, 1841)	–	–	–	+	–	+	–	–
61.	*Marmota caudata* (Geoffroy, 1844)	+	–	–	+	–	–	+	–
62.	*Spermophilus fulvus* (Lichtenstein, 1823)	+	–	–	–	–	–	–	–
Family Gliridae Muirhead, 1819									
Subfamily Leithiinae Lydekker, 1896									
63.	*Dryomys nitedula* (Pallas, 1778)	+	–	–	–	–	–	+	–
64.	*Dryomys niethammeri* Holden, 1996	–	–	–	–	–	–	+	–
Family Dipodidae Fischer, 1817									
Subfamily Allactaginae Vinogradov, 1925									
65.	*Allactaga elater* (Lichtenstein, 1828)	+	–	–	–	–	–	+	–
66.	*Allactaga williamsi* Thomas, 1897	+	–	–	–	–	–	–	–
67.	*Allactaga hotsoni* Thomas, 1920	+	–	–	–	–	–	+	–
Subfamily Cardiocraniinae Vinogradov, 1925									
68.	*Salpingotulus michaelis* (Fitzgibbon, 1966)	?	–	–	–	–	–	+	–
Subfamily Dipodinae G. Fischer, 1817									
69.	*Jaculus blanfordi* (Murray, 1884)	+	–	–	–	–	–	+	–
Subfamily Sicistinae Allen, 1901									
70.	*Sicista concolor* (Büchner, 1892)	–	–	–	+	–	–	+	–
Superfamily Muroidea Illiger, 1811									
Family Platacanthomyidae Alston, 1876									
71.	*Platacanthomys lasiurus* Blyth, 1859	–	–	–	+	–	–	–	–
Family Spalacidae Gray, 1821									
Subfamily Rhizomyinae Winge, 1887									
72.	*Cannomys badius* (Hodgson, 1841)	–	+	–	+	–	+	–	–
73.	*Rhizomys pruinosus* Blyth, 1851	–	–	–	+	–	–	–	–
Family Calomyscidae Vorontsov and Potapova, 1979									
74.	*Calomyscus baluchi* Thomas, 1920	+	–	–	–	–	–	+	–

75.	*Calomyscus hotsoni* Thomas, 1920	−	−	−	−	−	−	+	−
76.	*Calomyscus elburzensis* Goodwin, 1938	+	−	−	−	−	−	−	−
Family Cricetidae Fischer, 1817									
Subfamily Cricetinae Fischer, 1817									
77.	*Cricetulus migratorius* (Pallas, 1773)	+	−	−	+	−	−	+	−
78.	*Cricetulus alticola* Thomas, 1917	−	−	−	+	−	+	−	−
Subfamily Arvicolinae									
79.	*Alticola roylei* (Gray, 1842)	−	−	−	+	−	−	−	−
80.	*Alticola stoliczkanus* (Blanford, 1875)	−	−	?	+	−	+	−	−
81.	*Alticola argentatus* (Severtzov, 1879)	+	−	−	+	−	−	+	−
82.	*Alticola albicaudus* (True, 1894)	−	−	−	+	−	−	−	−
83.	*Alticola montosa* (True, 1894)	−	−	−	+	−	−	+	−
84.	*Blanfordimys afghanus* (Thomas, 1912)	+	−	−	−	−	−	−	−
85.	*Blanfordimys bucharensis* (Vinogradov, 1930)	+	−	−	−	−	−	−	−
86.	*Ellobius talpinus* (Pallas, 1770)	+	−	−	−	−	−	+	−
87.	*Ellobius fuscocapillus* (Blyth, 1842)	+	−	−	−	−	−	+	−
88.	*Eothenomys melanogaster* (Milne-Edwards, 1871)	−	−	−	+	−	−	−	−
89.	*Hyperacrius wynnei* (Blanford, 1881)	−	−	−	+	−	−	+	−
90.	*Hyperacrius fertilis* (True, 1894)	−	−	−	+	−	−	+	−
91.	*Microtus ilaeus* Thomas, 1912	+	−	−	−	−	−	−	−
92.	*Neodon sikimensis* (Horsfield, 1841)	−	−	+	+	−	+	−	−
93.	*Neodon juldaschi* (Severtzov, 1879)	+	−	−	+	−	−	+	−
94.	*Phaiomys leucurus* Blyth, 1863	−	−	−	+	−	+	−	−
Family Muridae Illiger, 1811									
Subfamily Deomyinae Thomas, 1888									
95.	*Acomys dimidiatus* (Cretzschmar, 1826)	−	−	−	−	−	−	+	−
Subfamily Gerbillinae Gray, 1825									
96.	*Gerbillus nanus* Blanford, 1875	+	−	−	+	−	−	+	−
97.	*Gerbillus gleadowi* Murray, 1886	−	−	−	+	−	−	+	−

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
98.	*Gerbillus aquilus* Schlitter & Stezer, 1972	+	–	–	–	–	–	+	–
99.	*Meriones meridianus* (Pallas, 1773)	+	–	–	–	–	–	–	–
100.	*Meriones libycus* Lichtenstein, 1823	+	–	–	–	–	–	+	–
101.	*Meriones crassus* Sundevall, 1842	+	–	–	–	–	–	+	–
102.	*Meriones hurrianae* (Jerdon, 1867)	?	–	–	+	–	–	+	–
103.	*Meriones persicus* (Blanford, 1875)	+	–	–	–	–	–	+	–
104.	*Meriones zarudnyi* Heptner, 1937	+	–	–	–	–	–	–	–
105.	*Rhombomys opimus* (Lichtenstein, 1823)	+	–	–	–	–	–	+	–
106.	*Tatera indica* (Hardwicke, 1807)	+	+	–	+	–	+	+	+
Subfamily Murinae Illiger, 1811									
107.	*Apodemus draco* (Barrett-Hamilton, 1900)	–	–	–	+	–	–	–	–
108.	*Apodemus pallipes* (Barrett-Hamilton, 1900)	+	–	–	+	–	+	+	–
109.	*Apodemus latronum* Thomas, 1911	–	–	–	+	–	–	–	–
110.	*Apodemus rusiges* Miller, 1913	–	–	–	+	–	–	–	–
111.	*Apodemus gurkha* Thomas, 1924	–	–	–	–	–	+	–	–
112.	*Bandicota indica* (Bechstein, 1800)	–	+	+	+	–	+	–	+
113.	*Bandicota bengalensis* (Gray & Hardwicke, 1833)	–	+	+	+	–	+	+	+
114.	*Berylmys bowersi* (Anderson, 1879)	–	–	–	+	–	–	–	–
115.	*Berylmys mackenziei* (Thomas, 1916)	–	–	–	+	–	–	–	–
116.	*Berylmys manipulus* (Thomas, 1916)	–	–	–	+	–	–	–	–
117.	*Chiropodomys gliroides* (Blyth, 1856)	–	–	–	+	–	–	–	–
118.	*Cremnomys cutchicus* Wroughton, 1912	–	–	–	+	–	–	–	–
119.	*Cremnomys elvira* (Ellerman, 1947)	–	–	–	+	–	–	–	–
120.	*Dacnomys millardi* Thomas, 1916	–	–	?	+	–	+	–	–
121.	*Diomys crumpi* Thomas, 1917	–	–	–	+	–	+	–	–
122.	*Golunda ellioti* Gray, 1837	–	+	+	+	–	+	+	+

123.	*Hadromys humei* (Thomas, 1886)	–	–	–	+	–	–	–	–
124.	*Leopoldamys edwardsi* (Thomas, 1882)	–	–	?	+	–	–	–	–
125.	*Leopoldamys sabanus* (Thomas, 1887)	–	+	–	?	–	–	–	–
126.	*Madromys blanfordi* (Thomas, 1881)	–	+	–	+	–	–	–	+
127.	*Micromys minutus* (Pallas, 1771)	–	–	–	+	–	–	–	–
128.	*Millardia meltada* (Gray, 1837)	–	+	–	+	–	+	+	+
129.	*Millardia gleadowi* (Murray, 1885)	–	–	–	+	–	–	+	–
130.	*Millardia kondana* Mishra & Dhanda, 1975	–	–	–	+	–	–	–	–
131.	*Mus musculus* Linnaeus, 1758	+	+	+	+	–	+	+	+
132.	*Mus platythrix* Bennett, 1832	–	–	–	+	–	–	–	–
133.	*Mus booduga* (Gray, 1837)	–	+	–	+	–	+	+	+
134.	*Mus saxicola* Elliot, 1839	–	–	?	+	–	+	+	–
135.	*Mus cervicolor* Hodgson, 1845	–	?	+	+	–	+	+	–
136.	*Mus terricolor* Blyth, 1851	–	+	–	+	–	+	+	–
137.	*Mus famulus* Bonhote, 1898	–	–	–	+	–	–	–	–
138.	*Mus phillipsi* Wroughton, 1912	–	–	–	+	–	+	–	–
139.	*Mus cookii* Ryley, 1914	–	+	+	+	–	+	–	–
140.	*Mus mayori* (Thomas, 1915)	–	–	–	–	–	–	–	+
141.	*Mus pahari* Thomas, 1916	–	–	+	+	–	–	–	–
142.	*Mus fernandoni* (Phillips, 1932)	–	–	–	–	–	–	–	+
143.	*Nesokia indica* (Gray & Hardwicke, 1832)	+	+	–	+	–	+	+	–
144.	*Niviventer niviventer* (Hodgson, 1836)	–	–	+	+	–	+	–	–
145.	*Niviventer fulvescens* (Gray, 1847)	–	?	?	+	–	+	+	–
146.	*Niviventer brahma* (Thomas, 1914)	–	–	–	+	–	–	–	–
147.	*Niviventer eha* (Wroughton, 1916)	–	–	?	+	–	+	–	–
148.	*Niviventer langbianis* (Robinson & Kloss, 1922)	–	–	–	+	–	–	–	–
149.	*Rattus rattus* (Linnaeus, 1758)	+	+	+	+	–	+	+	+
150.	*Rattus norvegicus* (Berkenhout, 1769)	–	–	–	+	–	–	+	+
151.	*Rattus tanezumi* (Temminck, 1844)	+	+	+	+	–	+	+	–

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
152.	*Rattus nitidus* (Hodgson, 1845)	–	?	+	+	–	+	–	–
153.	*Rattus pyctoris* (Hodgson, 1845)	+	+	+	+	–	+	+	–
154.	*Rattus exulans* (Peale, 1848)	–	+	–	–	–	–	–	–
155.	*Rattus andamanensis* (Blyth, 1860)	–	?	+	+	–	+	–	–
156.	*Rattus palmarum* (Zelebor, 1869)	–	–	–	+	–	–	–	–
157.	*Rattus burrus* (Miller, 1902)	–	–	–	+	–	–	–	–
158.	*Rattus stoicus* (Miller, 1902)	–	–	–	+	–	–	–	–
159.	*Rattus satarae* Hinton, 1918	–	–	–	+	–	–	–	–
160.	*Rattus montanus* Phillips, 1932	–	–	–	–	–	–	–	+
161.	*Rattus ranjiniae* Agrawal & Ghosh, 1969	–	–	–	+	–	–	–	–
162.	*Srilankamys ohiensis* (Phillips, 1929)	–	–	–	–	–	–	–	+
163.	*Vandeleuria oleracea* (Bennett, 1832)	–	+	+	+	–	+	–	+
164.	*Vandeleuria nilagirica* (Jerdon, 1867)	–	–	–	+	–	–	–	–
165.	*Vandeleuria nolthenii* Phillips, 1929	–	–	–	–	–	–	–	+
Infraorder Hystricognathi Brandt, 1855									
Family Hystricidae G. Fischer, 1817									
166.	*Atherurus macrourus* (Linnaeus, 1758)	–	?	–	+	–	–	–	–
167.	*Hystrix brachyura* Linnaeus, 1758	–	+	–	+	–	+	–	–
168.	*Hystrix indica* Kerr, 1792	+	–	–	+	–	+	+	+
Order Lagomorpha Brandt, 1855									
Family Ochotonidae Thomas, 1897									
169.	*Ochotona roylei* (Ogilby, 1839)	–	–	?	+	–	+	+	–
170.	*Ochotona rufescens* (Gray, 1842)	+	–	–	–	–	–	+	–
171.	*Ochotona curzoniae* (Hodgson, 1858)	–	–	?	+	–	+	–	–
172.	*Ochotona thibetana* (Milne-Edwards, 1871)	–	–	+	+	–	+	–	–
173.	*Ochotona ladacensis* (Günther, 1875)	–	–	–	+	–	–	+	–
174.	*Ochotona macrotis* (Günther, 1875)	+	–	+	+	–	+	+	–

175.	*Ochotona nubrica* Thomas, 1922	–	–	?	+	–	+	–	–
176.	*Ochotona forresti* Thomas, 1923	–	–	+	+	–	+	–	–
177.	*Ochotona himalayana* Feng, 1973	–	–	?	–	–	+	–	–
Family Leporidae Fischer, 1817									
178.	*Caprolagus hispidus* (Pearson, 1839)	–	EX	?	+	–	EX	–	–
179.	*Lepus tolai* Pallas, 1778	+	–	–	–	–	–	–	–
180.	*Lepus nigricollis* Cuvier, 1823	+	+	+	+	–	+	+	+
181.	*Lepus oiostolus* Hodgson, 1840	–	–	?	+	–	+	–	–
182.	*Lepus tibetanus* Waterhouse, 1841	+	–	–	+	–	–	+	–
Order Erinaceomorpha Gregory, 1910									
Family Erinaceidae Fischer, 1817									
183.	*Hemiechinus auritus* (Gmelin, 1770)	+	–	–	–	–	–	+	–
184.	*Hemiechinus collaris* (Gray, 1830)	–	–	–	+	–	–	+	–
185.	*Paraechinus hypomelas* (Brandt, 1836)	+	–	–	–	–	–	+	–
186.	*Paraechinus micropus* (Blyth, 1846)	–	–	–	+	–	–	+	–
187.	*Paraechinus nudiventris* (Horsfield, 1851)	–	–	–	+	–	–	–	–
Order Soricomorpha Gregory, 1910									
Family Soricidae Fischer, 1817									
Subfamily Crocidurinae Milne-Edwards, 1872									
188.	*Crocidura leucodon* (Hermann, 1780)	–	–	–	+	–	–	?	–
189.	*Crocidura gmelini* (Pallas, 1811)	+	–	–	+	–	–	+	–
190.	*Crocidura fuliginosa* (Blyth, 1855)	–	–	–	+	–	–	–	–
191.	*Crocidura horsfieldii* (Tomes, 1856)	–	–	–	+	–	+	–	+
192.	*Crocidura attenuata* Milne-Edwards, 1872	–	–	+	+	–	+	?	–
193.	*Crocidura andamanensis* Miller, 1902	–	–	–	+	–	–	–	–
194.	*Crocidura nicobarica* Miller, 1902	–	–	–	+	–	–	–	–
195.	*Crocidura pullata* Miller, 1911	–	–	–	+	–	–	+	–
196.	*Crocidura hispida* Thomas, 1913	–	–	–	+	–	–	–	–

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
197.	*Crocidura pergrisea* Miller, 1913	–	–	–	+	–	–	–	–
198.	*Crocidura rapax* G. Allen, 1923	–	–	–	+	–	–	–	–
199.	*Crocidura zarudnyi* Ognev, 1928	+	–	–	–	–	–	+	–
200.	*Crocidura miya* Phillips, 1929	–	–	–	–	–	–	–	+
201.	*Crocidura jenkinsi* Chakraborty, 1978	–	–	–	+	–	–	–	–
202.	*Crocidura hikmiya* Meegaskumbara et al., 2007	–	–	–	–	–	–	–	+
203.	*Feroculus feroculus* (Kelaart, 1850)	–	–	–	+	–	–	–	+
204.	*Solisorex pearsoni* Thomas, 1924	–	–	–	–	–	–	–	+
205.	*Suncus murinus* (Linnaeus, 1766)	+	+	+	+	–	+	+	+
206.	*Suncus etruscus* (Savi, 1822)	–	–	+	+	–	+	+	+
207.	*Suncus montanus* (Kelaart, 1850)	–	–	–	–	–	–	–	+
208.	*Suncus niger* (Horsfield, 1851)	–	–	–	+	–	–	–	–
209.	*Suncus stoliczkanus* (Anderson, 1877)	–	+	–	+	–	+	+	–
210.	*Suncus dayi* (Dobson, 1888)	–	–	–	+	–	–	–	–
211.	*Suncus zeylanicus* Phillips, 1928	–	–	–	–	–	–	–	+
212.	*Suncus fellowesgordoni* Phillips, 1932	–	–	–	–	–	–	–	+
Subfamily Soricinae Fischer, 1817									
213.	*Anourosorex squamipes* Milne-Edwards, 1872	–	–	–	+	–	–	–	–
214.	*Anourosorex assamensis* Anderson, 1875	–	–	–	+	–	–	–	–
215.	*Anourosorex schmidi* Petter, 1963	–	–	+	+	–	–	–	–
216.	*Chimmarogale himalayica* (Gray, 1842)	–	–	+	+	–	+	–	–
217.	*Episoriculus caudatus* (Horsfield, 1851)	–	–	–	+	–	+	–	–
218.	*Episoriculus macrurus* (Blanford, 1888)	–	–	–	+	–	+	–	–
219.	*Episoriculus sacratus* (Thomas, 1911)	–	–	–	+	–	+	–	–
220.	*Episoriculus baileyi* (Thomas, 1914)	–	–	–	+	–	+	–	–
221.	*Nectogale elegans* Milne-Edwards, 1870	–	–	+	+	–	+	–	–

222.	*Sorex minutus* Linnaeus, 1766	–	–	–	+	–	+	+	–
223.	*Sorex bedfordiae* Thomas, 1911	–	–	?	–	–	+	–	–
224.	*Sorex planiceps* Miller, 1911	–	–	–	+	–	–	+	–
225.	*Sorex excelsus* Allen, 1923	–	–	–	–	–	+	–	–
226.	*Soriculus nigriscens* (Gray, 1842)	–	–	+	+	–	+	–	–
Family Talpidae Fischer, 1817									
227.	*Euroscaptor micrura* (Hodgson, 1841)	–	?	+	+	–	+	–	–
228.	*Parascaptor leucura* (Blyth, 1850)	–	+	–	+	–	–	–	–
Order Chiroptera Blumenbach, 1779									
Suborder Megachiroptera Dobson, 1875									
Family Pteropodidae Gray, 1821									
229.	*Cynopterus sphinx* (Vahl, 1797)	–	+	+	+	–	+	+	+
230.	*Cynopterus brachyotis* (Müller, 1838)	–	–	–	+	–	–	–	+
231.	*Eonycteris spelaea* (Dobson, 1871)	–	–	–	+	–	+	–	–
232.	*Latidens salimalii* Thonglongya, 1972	–	–	–	+	–	–	–	–
233.	*Macroglossus sobrinus* Andersen, 1911	–	–	–	+	–	–	–	–
234.	*Megaerops ecaudatus* Temminck, 1837	–	–	–	+	–	–	–	–
235.	*Megaerops niphanae* Yenbutra & Fenten, 1983	–	–	–	+	–	–	–	–
236.	*Pteropus giganteus* (Brünnich, 1782)	–	+	+	+	+	+	+	+
237.	*Pteropus hypomelanus* Temminck, 1853	–	–	–	+	+	–	–	–
238.	*Pteropus melanotus* Blyth, 1863	–	–	–	+	–	–	–	–
239.	*Pteropus faunulus* Miller, 1902	–	–	–	+	–	–	–	–
240.	*Rousettus aegyptiacus* (E. Geoffroy, 1810)	–	–	–	–	–	–	+	–
241.	*Rousettus leschenaultii* (Desmarest, 1820)	–	+	+	+	–	+	+	+
242.	*Sphaerias blanfordi* (Thomas, 1891)	–	–	+	+	–	+	–	–
Suborder Microchiroptera Dobson, 1875									
Family Rhinolophidae Bell, 1836									
243.	*Rhinolophus ferrumequinum* (Schreber, 1774)	+	?	?	+	–	+	+	–
244.	*Rhinolophus hipposideros* (Bechstein, 1800)	+	–	–	+	–	–	+	–

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
245.	*Rhinolophus affinis* Horsfield, 1823	–	+	+	+	–	+	+	?
246.	*Rhinolophus pusillus* Temminck, 1834	–	–	–	+	–	+	–	–
247.	*Rhinolophus trifoliatus* Temminck, 1834	–	–	?	+	–	–	–	–
248.	*Rhinolophus luctus* Temminck, 1835	–	+	?	+	–	+	–	–
249.	*Rhinolophus rouxii* Temminck, 1835	–	–	?	+	–	–	–	+
250.	*Rhinolophus lepidus* Blyth, 1844	+	+	?	+	–	+	+	–
251.	*Rhinolophus macrotis* Blyth, 1844	–	+	?	+	–	+	+	–
252.	*Rhinolophus mitratus* Blyth, 1844	–	–	–	+	–	–	–	–
253.	*Rhinolophus subbadius* Blyth, 1844	–	+	?	+	–	+	–	–
254.	*Rhinolophus pearsonii* Horsfield, 1851	–	+	+	+	–	+	–	–
255.	*Rhinolophus blasii* Peters, 1866	+	–	–	–	–	–	+	–
256.	*Rhinolophus yunanensis* Dobson, 1872	–	–	?	+	–	–	–	–
257.	*Rhinolophus mehelyi* Matschie, 1902	+	–	–	–	–	–	–	–
258.	*Rhinolophus beddomei* Andersen, 1905	–	–	–	+	–	–	–	+
259.	*Rhinolophus sinicus* Andersen, 1905	–	–	–	+	–	+	–	–
260.	*Rhinolophus cognatus* Andersen, 1906	–	–	–	+	–	–	–	–
261.	*Rhinolophus bocharicus* Kastchenko & Akimov, 1917	+	–	–	–	–	–	?	–
262.	*Rhinolophus shortridgei* K. Andersen, 1918	–	–	–	+	–	–	–	–
Family Hipposideridae Lydekker, 1891									
263.	*Asellia tridens* (E. Geoffroy, 1813)	+	–	–	–	–	–	+	–
264.	*Coelops frithii* Blyth, 1848	–	+	–	+	–	–	–	–
265.	*Hipposideros speoris* (Schneider, 1800)	–	–	–	+	–	–	–	+
266.	*Hipposideros diadema* (E. Geoffroy, 1813)	–	–	–	+	–	–	–	–
267.	*Hipposideros larvatus* (Horsfield, 1823)	–	+	?	+	–	–	–	–
268.	*Hipposideros armiger* (Hodgson, 1835)	–	–	?	+	–	+	–	–
269.	*Hipposideros fulvus* Gray, 1838	+	–	–	+	–	+	+	+

270.	*Hipposideros galeritus* Cantor, 1846	−	+	−	+	−	−	−	+
271.	*Hipposideros ater* Templeton, 1848	−	−	−	+	−	−	−	+
272.	*Hipposideros lankadiva* Kelaart, 1850	−	+	−	+	−	−	−	+
273.	*Hipposideros cineraceus* Blyth, 1853	−	−	?	+	−	+	+	−
274.	*Hipposideros nicobarulae* Miller, 1902	−	−	−	+	−	−	−	−
275.	*Hipposideros pomona* Andersen, 1918	−	+	?	+	−	+	−	−
276.	*Hipposideros durgadasi* Khajuria, 1970	−	−	−	+	−	−	−	−
277.	*Hipposideros hypophyllus* Kock and Bhat, 1994	−	−	−	+	−	−	−	−
278.	*Triaenops persicus* Dobson, 1871	−	−	−	−	−	−	+	−
Family Megadermatidae H. Allen, 1864									
279.	*Megaderma spasma* (Linnaeus, 1758)	−	+	−	+	−	−	−	+
280.	*Megaderma lyra* E. Geoffroy, 1810	+	+	?	+	−	+	+	+
Family Rhinopomatidae Bonaparte, 1838									
281.	*Rhinopoma hardwickii* Gray, 1831	+	+	−	+	−	−	+	−
282.	*Rhinopoma microphyllum* (Brünnich, 1872)	+	+	−	+	−	−	+	−
283.	*Rhinopoma muscatellum* Thomas, 1903	+	−	−	−	−	−	+	−
Family Emballonuridae Gervais, 1855									
284.	*Saccolaimus saccolaimus* (Temminck, 1838)	−	+	−	+	−	−	−	+
285.	*Taphozous perforatus* E. Geoffroy, 1818	−	−	−	+	−	−	+	−
286.	*Taphozous longimanus* Hardwicke, 1825	−	+	−	+	−	+	−	+
287.	*Taphozous nudiventris* Cretzschmar, 1830	+	+	?	+	−	?	+	−
288.	*Taphozous melanopogon* Temminck, 1841	−	+	−	+	−	−	−	+
289.	*Taphozous theobaldi* Dobson, 1872	−	−	−	+	−	−	−	−
Family Molossidae Gill, 1872									
290.	*Chaerephon plicatus* (Buchanan, 1800)	+	−	−	+	−	−	−	+
291.	*Otomops wroughtoni* (Thomas, 1913)	−	−	−	+	−	−	−	−
292.	*Tadarida teniotis* (Rafinesque, 1814)	+	?	?	+	−	?	−	−
293.	*Tadarida aegyptiaca* (E. Geoffroy, 1818)	+	+	−	+	−	−	+	+

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Family Vespertilionidae Gray, 1821									
Subfamily Vespertilioninae Miller, 1897									
Tribe Eptisicini Volleth and Heller, 1994									
294.	*Arielulus circumdatus* (Temminck, 1840)	–	–	–	+	–	+	–	–
295.	*Eptesicus serotinus* (Schreber, 1774)	+	–	?	+	–	+	+	–
296.	*Eptesicus bottae* (Peters, 1869)	+	–	–	+	–	–	–	–
297.	*Eptesicus pachyotis* (Dobson, 1871)	–	+	–	+	–	–	–	–
298.	*Eptesicus nasutus* (Dobson, 1877)	+	–	–	–	–	–	+	–
299.	*Eptesicus dimissus* Thomas, 1916	–	–	–	–	–	+	–	–
300.	*Eptesicus gobiensis* Bobrinskii, 1926	+	–	–	+	–	+	–	–
301.	*Eptesicus tatei* Ellerman & Morrison-Scott, 1951	–	–	–	+	–	–	–	–
302.	*Hesperoptenus tickelli* (Blyth, 1851)	–	+	+	+	–	+	–	+
Tribe Nycticeiini Gervais, 1855									
303.	*Scotoecus pallidus* (Dobson, 1876)	–	–	–	+	–	–	+	–
304.	*Scotomanes ornatus* (Blyth, 1851)	–	+	+	+	–	+	–	–
305.	*Scotophilus kuhlii* Leach, 1821	–	+	?	+	–	?	+	+
306.	*Scotophilus heathii* (Horsfield, 1831)	+	+	?	+	–	+	+	+
Tribe Pipistrellini Tate, 1942									
307.	*Nyctalus noctula* (Schreber, 1774)	?	–	?	+	–	+	+	–
308.	*Nyctalus leisleri* (Kuhl, 1817)	+	–	–	+	–	–	+	–
309.	*Nyctalus montanus* (Barrett-Hamilton, 1906)	+	–	–	+	–	+	?	–
310.	*Pipistrellus pipistrellus* (Schreber, 1774)	+	–	–	+	–	–	+	–
311.	*Pipistrellus kuhlii* (Kuhl, 1817)	+	–	–	+	–	–	+	–
312.	*Pipistrellus coromandra* (Gray, 1838)	+	+	+	+	–	+	+	+
313.	*Pipistrellus javanicus* (Gray, 1838)	+	+	?	+	–	+	+	–
314.	*Pipistrellus abramus* (Temminck, 1840)	–	–	–	+	–	–	–	–

315.	*Pipistrellus tenuis* (Temminck, 1840)	+	+	?	+	−	+	+	+
316.	*Pipistrellus ceylonicus* (Kelaart, 1852)	−	+	−	+	−	−	+	+
317.	*Pipistrellus paterculus* Thomas, 1915	−	−	−	+	−	+	−	−
318.	*Scotozous dormeri* Dobson, 1875	−	+	?	+	−	−	+	−
Tribe Plecotinini Gray, 1866									
319.	*Barbastella darjelingensis* (Hodgson, 1855)	+	−	+	+	−	+	+	−
320.	*Otonycteris hemprichii* Peters, 1859	+	−	−	+	−	−	+	−
321.	*Plecotus homochrous* Hodgson, 1847	−	−	?	+	−	+	+	−
322.	*Plecotus wardi* Thomas, 1911	+	−	−	+	−	+	+	−
323.	*Plecotus strelkovi* Spitzenberger, 2006	+	−	−	−	−	−	−	−
Tribe Vespertilionini Gray, 1821									
324.	*Falsistrellus affinis* (Dobson, 1871)	−	−	?	+	−	+	−	+
325.	*Hypsugo savii* (Bonaparte, 1837)	+	+	−	+	−	−	−	−
326.	*Hypsugo cadornae* (Thomas, 1916)	−	−	?	+	−	−	−	−
327.	*Ia io* Thomas, 1902	−	−	−	+	−	+	−	−
328.	*Philetor brachypterus* (Temminck, 1840)	−	−	−	+	−	+	−	−
329.	*Tylonycteris pachypus* (Temminck, 1840)	−	+	?	+	−	−	−	−
330.	*Tylonycteris robustula* Thomas, 1915	−	−	−	+	−	−	−	−
331.	*Vespertilio murinus* Linnaeus, 1758	+	−	−	+	−	−	−	−
Subfamily Myotinae Tate, 1942									
332.	*Myotis emarginatus* (E. Geoffroy, 1806)	+	−	−	−	−	−	?	−
333.	*Myotis formosus* (Hodgson, 1835)	+	+	?	+	−	+	−	−
334.	*Myotis hasseltii* (Temminck, 1840)	−	−	−	+	−	−	−	+
335.	*Myotis horsfieldii* (Temminck, 1840)	−	−	−	+	−	−	−	−
336.	*Myotis muricola* (Gray, 1846)	+	−	+	+	−	+	+	−
337.	*Myotis siligorensis* (Horsfield, 1855)	−	−	?	+	−	+	−	−
338.	*Myotis blythii* (Tomes, 1857)	+	−	−	+	−	+	+	−
339.	*Myotis annectans* (Dobson, 1871)	−	−	−	+	−	−	−	−
340.	*Myotis laniger* (Peters, 1871)	−	−	−	+	−	−	−	−

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
341.	*Myotis nipalensis* (Dobson, 1871)	+	–	?	+	–	+	+	–
342.	*Myotis longipes* (Dobson, 1873)	+	–	–	+	–	+	–	–
343.	*Myotis montivagus* (Dobson, 1874)	–	–	–	+	–	–	–	–
344.	*Myotis sicarius* Thomas, 1915	–	–	–	+	–	+	–	–
345.	*Myotis bucharensis* Kuzyakin, 1950	EX	–	–	–	–	–	–	–
346.	*Myotis csorbai* Topál, 1997	–	–	–	–	–	+	–	–
Subfamily Murininae Miller, 1907									
347.	*Harpiocephalus harpia* (Temminck, 1840)	–	?	?	+	–	–	–	–
348.	*Murina aurata* Milne-Edwards, 1872	–	–	–	+	–	+	–	–
349.	*Murina cyclotis* Dobson, 1872	–	–	–	+	–	+	–	+
350.	*Murina huttoni* (Peters, 1872)	–	–	?	+	–	+	+	–
351.	*Murina leucogaster* Milne-Edwards, 1872	–	–	?	+	–	+	–	–
352.	*Murina tubinaris* (Scully, 1881)	–	–	–	+	–	–	+	–
353.	*Harpiola grisea* (Peters, 1872)	–	–	–	+	–	–	–	–
Subfamily Kerivoulinae Miller, 1907									
354.	*Kerivoula picta* (Pallas, 1767)	–	+	?	+	–	+	–	+
355.	*Kerivoula hardwickii* (Horsfield, 1824)	–	+	–	+	–	–	+	+
356.	*Kerivoula lenis* Thomas, 1916	–	–	–	+	–	–	–	–
Family Miniopteridae Miller, 1907									
357.	*Miniopterus fuliginosus* (Hodgson, 1835)	+	–	?	+	–	+	–	+
358.	*Miniopterus pusillus* Dobson, 1876	–	–	–	+	–	+	–	–
359.	*Miniopterus magnater* Sanborn, 1931	–	–	–	+	–	–	–	–
Order Pholidota Weber, 1904									
Family Manidae Gray, 1821									
360.	*Manis crassicaudata* Gray, 1827	–	+	+	+	–	+	+	+
361.	*Manis pentadactyla* Linnaeus, 1758	–	+	+	+	–	+	–	–

Order Carnivora Bowdich, 1821									
Suborder Caniformia Kretzoi, 1938									
Family Canidae Fischer de Waldheim, 1817									
362.	*Canis aureus* Linnaeus, 1758	+	+	+	+	−	+	+	+
363.	*Canis lupus* Linnaeus, 1758	+	EX	+	+	−	+	+	−
364.	*Cuon alpinus* (Pallas, 1811)	−	+	+	+	−	+	−	−
365.	*Vulpes vulpes* (Linnaeus, 1758)	+	−	+	+	−	+	+	−
366.	*Vulpes corsac* (Linnaeus, 1768)	+	−	−	−	−	−	−	−
367.	*Vulpes bengalensis* (Shaw, 1800)	−	+	+	+	−	+	+	−
368.	*Vulpes rueppellii* (Schinz, 1825)	+	−	−	−	−	−	+	−
369.	*Vulpes ferrilata* Hodgson, 1842	−	−	?	+	−	+	−	−
370.	*Vulpes cana* Blanford, 1877	+	−	−	−	−	−	+	−
Suborder Feliformia Kretzoi, 1938									
Family Mustelidae Fischer de Waldheim, 1817									
Subfamily Lutrinae Bonaparte, 1838									
371.	*Aonyx cinerea* (Illiger, 1815)	−	+	+	+	−	+	−	−
372.	*Lutra lutra* (Linnaeus, 1758)	+	+	+	+	−	+	+	+
373.	*Lutrogale perspicillata* (I. Geoffroy Saint-Hilaire, 1826)	−	+	+	+	−	+	+	−
Subfamily Mustelinae Fischer, 1817									
374.	*Arctonyx collaris* F. Cuvier, 1825	−	+	+	+	−	+	−	−
375.	*Martes foina* (Erxleben, 1777)	+	−	−	+	−	+	+	−
375.	*Martes flavigula* (Boddaert, 1785)	+	−	+	+	−	+	+	−
377.	*Martes gwatkinskii* Horsfield, 1851	−	−	−	+	−	−	−	−
378.	*Meles meles* (Linnaeus, 1758)	+	−	−	−	−	−	−	−
379.	*Mellivora capensis* (Schreber, 1776)	+	−	−	+	−	+	+	−
380.	*Melogale moschata* (Gray, 1831)	−	−	−	+	−	−	−	−
381.	*Melogale personata* I. Geoffroy Saint-Hilaire, 1831	−	−	+	+	−	+	−	−

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
382.	*Mustela erminea* Linnaeus, 1758	+	–	–	+	–	+	+	–
383.	*Mustela nivalis* Linnaeus, 1758	EX	–	–	–	–	–	–	–
384.	*Mustela sibirica* Pallas, 1773	–	–	+	+	–	+	–	–
385.	*Mustela altaica* Pallas, 1811	–	–	+	+	–	+	+	–
386.	*Mustela kathiah* Hodgson, 1835	–	–	+	+	–	+	+	–
387.	*Mustela strigidorsa* Gray, 1853	–	–	–	+	–	+	–	–
388.	*Vormela peregusna* (Guldenstaedt, 1770)	+	–	–	–	–	–	+	–
Family Ailuridae Gray, 1843									
389.	*Ailurus fulgens* F. G. Cuvier, 1825	–	–	+	+	–	+	–	–
Family Ursidae Fischer de Waldheim, 1817									
390.	*Helarctos malayanus* (Raffles, 1822)	–	+	–	+	–	–	–	–
391.	*Melursus ursinus* (Shaw, 1791)	–	+	+	+	–	+	–	+
392.	*Ursus arctos* Linnaeus, 1758	+	–	–	+	–	+	+	–
393.	*Ursus thibetanus* (G. Cuvier, 1823)	+	+	+	+	–	+	+	–
Family Felidae Fischer de Waldheim, 1817									
Subfamily Felinae Fischer de Waldheim, 1817									
394.	*Acinonyx jubatus* (Griffith, 1821)	EX	–	–	EX	–	–	EX	–
395.	*Caracal caracal* (Schreber, 1776)	+	–	–	+	–	–	+	–
396.	*Felis chaus* Schreber, 1777	+	+	+	+	–	+	+	+
397.	*Felis sylvestris* Schreber, 1777	+	–	–	+	–	–	+	–
398.	*Felis margarita* Loche, 1858	?	–	–	–	–	–	+	–
399.	*Lynx lynx* (Linnaeus, 1758)	+	–	?	+	–	+	–	–
400.	*Otocolobus manul* (Pallas, 1776)	+	–	?	+	–	–	+	–
401.	*Pardofelis temminckii* (Vigors and Horsfield, 1827)	–	+	+	+	–	+	–	–
402.	*Pardofelis marmorata* (Martin, 1837)	–	EX	+	+	–	+	–	–

403.	*Prionailurus bengalensis* (Kerr, 1792)	+	+	+	+	−	+	+	−
404.	*Prionailurus rubiginosus* (I. Geoffroy, 1831)	−	−	−	+	−	−	−	+
405.	*Prionailurus viverrinus* (Bennett, 1833)	−	+	+	+	−	+	+	+
Subfamily Pantherinae Pocock, 1917									
406.	*Neofelis nebulosa* (Griffith, 1821)	−	+	+	+	−	+	−	−
407.	*Panthera leo* (Linnaeus, 1758)	EX	−	−	+	−	−	EX	−
408.	*Panthera pardus* (Linnaeus, 1758)	+	+	+	+	−	+	+	+
409.	*Panthera tigris* (Linnaeus, 1758)	EX	+	+	+	−	+	−	−
410.	*Panthera uncia* (Schreber, 1775)	+	−	+	+	−	+	+	−
Family Prionodontidae Pocock, 1933									
411.	*Prionodon pardicolor* Hodgson, 1842	−	−	+	+	−	+	−	−
Family Hyaenidae Gray, 1821									
412.	*Hyaena hyaena* (Linnaeus, 1758)	+	−	−	+	−	+	+	−
Family Herpestidae Bonaparte, 1845									
413.	*Herpestes edwardsii* (E. Geoffroy Saint-Hilaire, 1818)	+	+	+	+	−	+	+	+
414.	*Herpestes vitticollis* Bennett, 1835	−	−	−	+	−	−	−	+
415.	*Herpestes auropunctatus* (Hodgson, 1836)	+	+	+	+	−	+	+	−
416.	*Herpestes urva* (Hodgson, 1836)	−	+	+	+	−	+	−	−
417.	*Herpestes smithii* Gray, 1837	−	−	−	+	−	−	−	+
418.	*Herpestes fuscus* Waterhouse, 1838	−	−	−	+	−	−	−	+
419.	*Herpestes palustris* Ghose, 1965	−	−	−	+	−	−	−	−
Family Viverridae Gray, 1821									
Subfamily Paradoxurinae Gray, 1865									
420.	*Arctictis binturong* (Raffles, 1821)	−	+	+	+	−	+	−	−
421.	*Arctogalidia trivirgata* (Gray, 1832)	−	+	−	+	−	−	−	−
422.	*Paguma larvata* (Hamilton-Smith, 1827)	−	+	+	+	−	+	+	−
423.	*Paradoxurus hermaphroditus* (Pallas, 1777)	−	+	?	+	−	+	+	+
424.	*Paradoxurus aureus* F. Cuvier, 1822	−	−	−	−	−	−	−	+

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
425.	*Paradoxurus montanus* Kelaart, 1852	–	–	–	–	–	–	–	+
426.	*Paradoxurus jerdoni* Blanford, 1885	–	–	–	+	–	–	–	–
427.	*Paradoxurus stenocephalus* Groves et al., 2009	–	–	–	–	–	–	–	+
Subfamily Viverrinae Gray, 1821									
428.	*Viverra zibetha* Linnaeus, 1758	–	+	?	+	–	+	–	–
429.	*Viverra civettina* Blyth, 1862	–	–	–	+	–	–	–	–
430.	*Viverricula indica* (E. Geoffroy Saint-Hilaire, 1803)	–	+	+	+	–	+	+	+
Order Perissodactyla Owen, 1848									
Family Equidae Gray, 1821									
431.	*Equus hemionus* Pallas, 1775	EX	–	–	+	–	–	EX	–
432.	*Equus kiang* Moorcroft, 1841	–	–	?	+	–	+	–	–
Family Rhinocerotidae Gray, 1821									
433.	*Dicerorhinus sumatrensis* (Fischer, 1814)	–	EX	EX	+	–	–	–	–
434.	*Rhinoceros unicornis* Linnaeus, 1758	EX	EX	+	+	–	+	EX	–
435.	*Rhinoceros sondaicus* Desmarest, 1822	–	EX	EX	EX	–	–	–	–
Order Artiodactyla Owen, 1848									
Family Suidae Gray, 1821									
436.	*Porcula salvania* Hodgson, 1847	–	–	+	+	–	–	–	–
437.	*Sus scrofa* Linnaeus, 1758	+	+	+	+	–	+	+	+
Family Tragulidae Milne-Edwards, 1864									
438.	*Moschiola meminna* (Erxleben, 1777)	–	–	–	–	–	–	–	+
439.	*Moschiola indica* (Gray, 1843)	–	–	–	+	–	+	–	–
440.	*Moschiola kathygre* Groves & Meijaard, 2005	–	–	–	–	–	–	–	+

Family Moschidae Gray, 1821									
441.	*Moschus chrysogaster* Hodgson, 1839	–	–	+	+	–	+	–	–
442.	*Moschus leucogaster* Hodgson, 1839	–	–	+	+	–	+	–	–
443.	*Moschus fuscus* Li, 1981	–	–	+	+	–	+	–	–
444.	*Moschus cupreus* Grubb, 1982	+	–	–	+	–	–	+	–
Family Cervidae Goldfuss, 1820									
445.	*Axis axis* (Erxleben, 1777)	–	+	+	+	–	+	–	+
446.	*Hyelaphus porcinus* (Zimmermann, 1780)	–	+	+	+	–	+	+	**?**
447.	*Cervus elaphus* Linnaeus, 1758	+	–	EX	+	–	–	–	–
448.	*Muntiacus vaginalis* (Boddaert, 1785)	–	+	+	+	–	+	+	+
449.	*Muntiacus putaoensis* Amato, Egan & Rabinowitz, 1999	–	–	–	+	–	–	–	–
450.	*Rucervus duvaucelii* (Cuvier, 1823)	–	EX	?	+	–	+	EX	–
451.	*Rucervus eldi* (McClelland, 1842)	–	–	–	+	–	–	–	–
452.	*Rusa unicolor* (Kerr, 1792)	–	+	+	+	–	+	–	+
Family Bovidae Gray, 1821									
Subfamily Antilopinae Gray, 1821									
453.	*Antilope cervicapra* (Linnaeus, 1758)	–	EX	–	+	–	EX	EX	–
454.	*Gazella subgutturosa* (Guldenstaedt, 1780)	+	–	–	–	–	–	+	–
455.	*Gazella bennettii* (Sykes, 1831)	+	–	–	+	–	–	+	–
456.	*Procapra picticaudata* (Hodgson, 1846)	–	–	–	+	–	–	–	–
Subfamily Bovinae Gray, 1821									
457.	*Bos gaurus* (H. Smith, 1827)	–	+	+	+	–	+	–	–
458.	*Bos mutus* (Przewalski, 1883)	–	–	–	+	–	–	–	–
459.	*Boselaphus tragocamelus* (Pallas, 1766)	–	EX	–	+	–	+	+	–
460.	*Bubalus arnee* (Kerr, 1792)	–	EX	+	+	–	+	–	EX
461.	*Tetracerus quadricornis* (de Blainville, 1816)	–	–	–	+	–	+	–	–
Subfamily Caprinae Gray, 1821									
462.	*Budorcas taxicolor* Hodgson, 1850	–	–	+	+	–	–	–	–

(continued)

Table 2.3 (continued)

S. No.	Taxon	Species present in							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
463.	*Capra sibirica* (Pallas, 1776)	+	–	–	+	–	–	+	–
464.	*Capra aegagrus* Erxleben, 1777	–	–	–	–	–	–	+	–
465.	*Capra falconeri* (Wagner, 1839)	+	–	–	+	–	–	+	–
466.	*Capricornis thar* (Hodgson, 1831)	–	+	+	+	–	+	–	–
467.	*Hemitragus jemlahicus* (H. Smith, 1826)	–	–	+	+	–	+	–	–
468.	*Nemorhaedus goral* (Hardwicke, 1825)	–	–	+	+	–	+	+	–
469.	*Nemorhaedus griseus* Milne-Edwards, 1872	–	–	–	+	–	–	–	–
470.	*Nemorhaedus bailey* Pocock, 1914	–	–	–	+	–	–	–	–
471.	*Nilgiritragus hylocrius* (Ogilby, 1838)	–	–	–	+	–	–	–	–
472.	*Ovis ammon* (Linnaeus, 1758)	+	–	–	+	–	+	–	–
473.	*Ovis orientalis* Gmelin, 1774	+	–	–	+	–	–	+	–
474.	*Pantholops hodgsoni* (Abel, 1826)	–	–	–	+	–	EX	–	–
475.	*Pseudois nayaur* (Hodgson, 1833)	–	–	+	+	–	+	–	–
Order Cetacea Brisson, 1762									
Suborder Mysticeti Flower, 1864									
Family Balaenidae Gray, 1821									
476.	*Eubalaena australis* (Desmoulins, 1822)	–	–	–	+	–	–	–	–
Family Balaenopteridae Gray, 1864									
477.	*Balaenoptera musculus* (Linnaeus, 1758)	–	–	–	+	–	–	+	+
478.	*Balaenoptera physalus* (Linnaeus, 1758)	–	–	–	+	–	–	+	+
479.	*Balaenoptera acutorostrata* Lacepede, 1804	–	–	–	+	–	–	–	+
480.	*Balaenoptera edeni* Anderson, 1879	–	–	–	+	–	–	+	+
481.	*Megaptera novaeangliae* (Borowski, 1781)	–	–	–	+	–	–	+	+
Suborder Odontoceti Flower, 1867									
Family Delphinidae Gray, 1821									
482.	*Delphinus capensis* Gray, 1828	–	+	–	+	+	–	+	+
483.	*Feresa attenuata* Gray, 1875	–	+	–	+	+	–	+	+

484.	*Globicephala macrorhynchus* Gray, 1846	−	+	−	+	+	−	+	+
485.	*Grampus griseus* (G. Cuvier, 1812)	−	+	−	+	+	−	+	+
486.	*Lagenodelphis hosei* Fraser, 1956	−	+	−	+	+	−	+	+
487.	*Orcaella brevirostris* (Owen, 1866)	−	+	−	+	−	−	−	−
488.	*Orcinus orca* (Linnaeus, 1758)	−	+	−	+	+	−	+	+
489.	*Peponocephala electra* (Gray, 1846)	−	+	−	+	+	−	+	+
490.	*Pseudorca crassidens* (Owen, 1846)	−	+	−	+	+	−	+	+
491.	*Sousa chinensis* (Osbeck, 1765)	−	+	−	+	−	−	+	+
492.	*Stenella longirostris* (Gray, 1828)	−	+	−	+	+	−	+	+
493.	*Stenella coeruleoalba* (Mayen, 1833)	−	+	−	+	+	−	+	+
494.	*Stenella attenuata* (Gray, 1846)	−	+	−	+	+	−	+	+
495.	*Steno bredanensis* (Lesson, 1828)	−	+	−	+	+	−	+	+
496.	*Tursiops truncatus* (Montagu, 1821)	−	+	−	+	+	−	+	+
497.	*Tursiops aduncus* (Ehrenberg, 1833)	−	+	−	+	−	−	+	+
Family Phocoenidae Gray, 1825									
498.	*Neophocaena phocaenoides* (G. Cuvier, 1829)	−	+	−	+	−	−	+	+
Family Physeteridae Gray, 1821									
499.	*Physeter macrocephalus* Linnaeus, 1758	−	+	−	+	+	−	+	+
Family Kogiidae Miller, 1923									
500.	*Kogia breviceps* (Blainville, 1838)	−	+	−	+	+	−	+	+
501.	*Kogia sima* (Owen, 1866)	−	+	−	+	+	−	+	+
Family Platanistidae Gray, 1846									
502.	*Platanista gangetica* (Roxburgh, 1801)	−	+	+	+	−	+	+	−
Family Ziphiidae Gray, 1865									
503.	*Indopacetus pacificus* (Longman, 1926)	−	−	−	−	+	−	−	+
504.	*Mesoplodon densirostris* (Blainville, 1817)	−	?	−	+	−	−	+	+
505.	*Mesoplodon ginkgodens* Nishiwaki and Kamiya, 1958	−	?	−	+	−	−	−	+
506.	*Ziphius cavirostris* G. Cuvier, 1823	−	+	−	+	+	−	+	+

(+ Present; − Absent; ? may possibly occur; *EX* Extinct)

Table 2.4 Diversity and endemism in mammalian orders and families in South Asia

S. No.	Order	Family	Number of species	Number of endemic species	Percentage endemic
1.	Proboscidea	Elephantidae	1	0	0
2.	Sirenia	Dugongidae	1	0	0
3.	Scandentia	Tupaiidae	3	2	66.6
4.	Primates	Lorisidae	3	2	66.6
		Cercopithecidae	23	15	65.2
		Hylobatidae	2	0	0
5.	Rodentia	Sciuridae	29	10	34.5
		Gliridae	2	1	50.0
		Dipodidae	6	1	16.7
		Platacanthomyidae	1	1	100.0
		Spalacidae	2	0	0
		Calomyscidae	3	1	33.3
		Cricetidae	18	5	27.8
		Muridae	71	25	35.2
		Hystricidae	3	0	0
6.	Lagomorpha	Ochotonidae	9	0	0
		Leporidae	5	2	40.0
7.	Erinaceomorpha	Erinaceidae	5	3	60.0
8.	Soricomorpha	Soricidae	39	19	49.0
		Talpidae	2	0	0
9.	Chiroptera	Pteropodidae	14	2	14.3
		Rhinolophidae	20	3	15.0
		Hipposideridae	16	5	31.2
		Megadermatidae	2	0	0
		Rhinopomatidae	3	0	0
		Emballonuridae	6	0	0
		Molossidae	4	0	0
		Vespertilionidae	63	7	11.1
		Miniopteridae	3	0	0
10.	Pholidota	Manidae	2	0	0
11.	Carnivora	Canidae	9	1	11.1
		Mustelidae	18	1	5.5
		Ailuridae	1	0	0
		Ursidae	4	1	25.0
		Felidae	17	1	5.9
		Prionodontidae	1	0	0
		Hyaenidae	1	0	0
		Herpestidae	7	4	57.2
		Viverridae	11	5	45.4
12.	Perissodactyla	Equidae	2	0	0
		Rhinocerotidae	3	1	33.3
13.	Artiodactyla	Suidae	2	1	50.0
		Tragulidae	3	3	100.0
		Moschidae	4	1	25.0
		Cervidae	8	2	25.0
		Bovidae	23	4	17.4

(continued)

Table 2.4 (continued)

S. No.	Order	Family	Number of species	Number of endemic species	Percentage endemic
14.	Cetacea	Balaenidae	1	0	0
		Balaenopteridae	5	0	0
		Delphinidae	16	0	0
		Phocoenidae	1	0	0
		Physeteridae	1	0	0
		Kogiidae	2	0	0
		Platanistidae	1	1	100.0
		Ziphiidae	4	0	0
			506	130	25.69

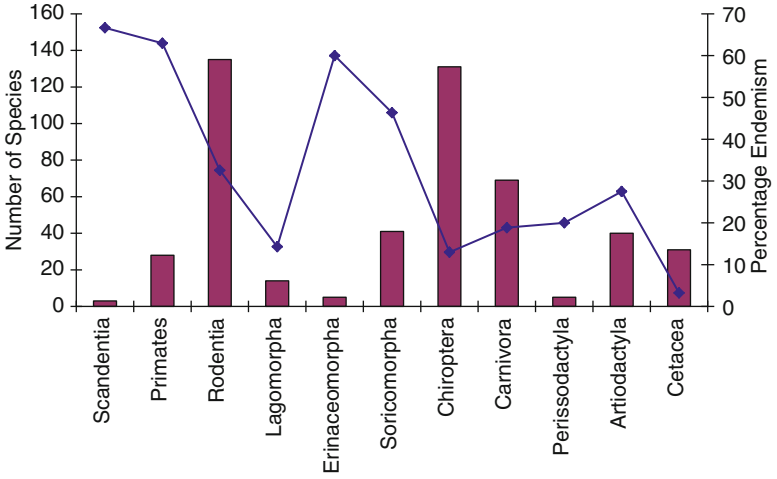

Fig. 2.2 Endemism in mammalian orders in South Asia

Primates, Erinaceomorpha, Soricomorpha, and Rodentia (Fig. 2.2). Among the families, maximum endemism was among Platacanthomyidae, Tragulidae, Platanistidae (all 100%), Tupaiidae, Lorisidae (all 66.6%), Cercopithecidae (65.2%), Erinaceidae (60%), Herpestidae (57%), Gliridae and Suidae (50%), Soricidae (49%), and Viverridae (45%). Endemism is greater among the large terrestrial mammals (29.78%) than the small terrestrial mammals (26.44%). None of the marine mammals are endemic to South Asia, while *Platanista gangetica* (Rouxburgh, 1801), the only freshwater mammal, is endemic to South Asia.

Of the total endemic species, 80 species are restricted to single countries and 51 species are known from more than one country (Table 2.5). Among the endemics, 54 species are endemic to India, 21 species are endemic to Sri Lanka, and 2 species each are endemic to Nepal and Pakistan. There are no endemic species known from Afghanistan, Bangladesh, Bhutan, and Maldives. Of the rest, 33 species are endemic

Table 2.5 Endemic mammal species and subspecies of South Asia

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Order Proboscidea										
Family Elephantidae										
[A.	*Elephas maximus* Linnaeus, 1758									
Aa.]	*Elephas maximus maximus* Linnaeus, 1758									+
Order Scandentia										
Family Tupaiidae										
1.	*Anathana ellioti* (Waterhouse, 1850)					+				
2.	*Tupaia nicobarica* (Zelebor, 1869)					+				
2a.	*Tupaia nicobarica nicobarica* (Zelebor, 1869)					+				
2b.	*Tupaia nicobarica surda* Miller, 1902					+				
Order Primates										
Family Lorisidae										
3.	*Loris tardigradus* (Linnaeus, 1758)									+
3a.	*Loris tardigradus tardigradus* (Linnaeus, 1758)									+
3b.	*Loris tardigradus nycticeboides* Hill, 1942									+
4.	*Loris lydekkerianus* Cabrera, 1908	+				+				+
4a.	*Loris lydekkerianus lydekkerianus* Cabrera, 1908					+				
4b.	*Loris lydekkerianus malabaricus* Wroughton, 1917					+				
4c.	*Loris lydekkerianus grandis* Hill & Phillips, 1932									+
4d.	*Loris lydekkerianus nordicus* Hill, 1933									+
Family Cercopithecidae										
5.	*Macaca silenus* (Linnaeus, 1758)					+				
6.	*Macaca sinica* (Linnaeus, 1771)									+

6a.	*Macaca sinica sinica* Linnaeus, 1771											+
6b.	*Macaca sinica aurifrons* Pocock, 1931											+
6c.	*Macaca sinica opisthomelas* Hill, 1942											+
7.	*Macaca radiata* (E. Geoffroy, 1912)						+					
7a.	*Macaca radiata radiata* (E. Geoffroy, 1912)						+					
7b.	*Macaca radiata diluta* Pocock, 1931						+					
[B.	*Macaca fascicularis* (Raffles, 1821)											
Ba.]	*Macaca fascicularis umbrosus* (Miller, 1902)						+					
8.	*Macaca munzala* Sinha et al., 2005						+					
9.	*Semnopithecus entellus* (Dufresne, 1797)	+		+			+					
10.	*Semnopithecus hypoleucos* Blyth, 1841						+					
11.	*Semnopithecus dussumieri* I. Geoffroy, 1843						+					
12.	*Semnopithecus anchises* (Blyth, 1844)						+					
13.	*Semnopithecus priam* Blyth, 1844						+					
14.	*Semnopithecus thersites* (Blyth, 1847)	+					+					+
15.	*Semnopithecus ajax* (Pocock, 1928)						+					
16.	*Semnopithecus hector* (Pocock, 1928)	+				+	+			+		
17.	*Trachypithecus vetulus* (Erxleben, 1777)											+
17a.	*Trachypithecus vetulus vetulus* (Erxleben, 1777)											+
17b.	*Trachypithecus vetulus nestor* (Bennett, 1833)											+
17c.	*Trachypithecus vetulus monticola* (Kelaart, 1850)											+
17d.	*Trachypithecus vetulus philbricki* (Phillips, 1927)											+
18.	*Trachypithecus johnii* (Fischer, 1829)						+					
[C.	*Trachypithecus pileatus* (Blyth, 1843)											
Ca.	*Trachypithecus pileatus brahma* (Wroughton, 1916)						+					

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Cb.]	*Trachypithecus pileatus tenebricus* (Hinton, 1923)	+			+	+				
19.	*Trachypithecus geei* (Khajuria, 1956)	+			+	+				
Order Rodentia										
Family Sciuridae										
20.	*Ratufa macroura* (Pennant, 1769)	+				+				+
20a.	*Ratufa macroura macroura* (Pennant, 1769)									+
20b.	*Ratufa macroura melanochra* Thomas & Wroughton, 1915									+
20c.	*Ratufa macroura dandolena* Thomas & Wroughton, 1915					+				
21.	*Ratufa indica* (Erxleben, 1777)					+				
21a.	*Ratufa indica indica* (Erxleben, 1777)					+				
21b.	*Ratufa indica maxima* (Schreber, 1784)					+				
21c.	*Ratufa indica centralis* Ryley, 1913					+				
22.	*Biswamoyopterus biswasi* Saha, 1981					+				
23.	*Eoglaucomys fimbriatus* (Gray, 1837)	+	+			+			+	
23a.	*Eoglaucomys fimbriatus fimbriatus* (Gray, 1837)					+			+	
23b.	*Eoglaucomys fimbriatus baberi* (Blyth, 1847)		+			+			+	
24.	*Petaurista nobilis* (Gray, 1842)	+			+	+		+		
24a.	*Petaurista nobilis nobilis* (Gray, 1842)					+		+		
24b.	*Petaurista nobilis singhei* Saha, 1977				+					
25.	*Petinomys fuscocapillus* (Jerdon, 1847)	+				+				+
26.	*Funambulus palmarum* (Linnaeus, 1766)	+				+				+
26a.	*Funambulus palmarum palmarum* (Linnaeus, 1766)					+				

26b.	*Funambulus palmarum brodiei* (Blyth, 1849)									+
26c.	*Funambulus palmarum roberstoni* (Wroughton, 1916)					+				
26d.	*Funambulus palmarum bellaricus* Wroughton, 1916					+				
27.	*Funambulus tristriatus* (Waterhouse, 1837)					+				
27a.	*Funambulus tristriatus tristriatus* (Waterhouse, 1837)					+				
27b.	*Funambulus tristriatus wroughtoni* (Ryley, 1913)					+				
27c.	*Funambulus tristriatus numarius* Wroughton, 1916					+				
28.	*Funambulus sublineatus* (Waterhouse, 1838)	+				+				+
28a.	*Funambulus sublineatus sublineatus* (Waterhouse, 1838)					+				
28b.	*Funambulus sublineatus obscurus* (Pelzeln & Kohl, 1886)									+
29.	*Funambulus layardi* (Blyth, 1849)									+
[D.	*Funambulus pennantii* Wroughton, 1905									
Da.	*Funambulus pennantii pennantii* Wroughton, 1905					+				
Db.	*Funambulus pennantii lutescens* Wroughton, 1905	+				+			+	
Dc.	*Funambulus pennantii chhattisgarhi* Ghose et al., 2004	+		+		+				
Dd.]	*Funambulus pennantii gangutrianus* Ghoseet al., 2004	+			+	+		+		
Family Gliridae Muirhead, 1819										
30.	*Dryomys neithammeri* Holden, 1996								+	

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Family Dipodidae Fischer, 1817										
31.	*Salpingotulus michaelis* (Fitzgibbon, 1966)								+	
Family Platacanthomyidae Alston, 1876										
32.	*Platacanthomys lasiurus* Blyth, 1859					+				
Family Calomyscidae Vorontsov and Potapova, 1979										
33.	*Calomyscus baluchi* Thomas, 1920	+	+						+	
Family Cricetidae Fischer, 1817										
34.	*Alticola roylei* (Gray, 1842)					+				
35.	*Alticola albicaudus* (True, 1894)					+				
36.	*Alticola montosa* (True, 1894)	+				+			+	
37.	*Hyperacrius wynnei* (Blanford 1881)	+				+			+	
38.	*Hyperacrius fertilis* (True, 1894)	+				+			+	
Family Muridae Illiger, 1811										
39.	*Gerbillus gleadowi* Murray, 1886	+				+			+	
40.	*Apodemus rusiges* Miller, 1913					+				
41.	*Apodemus gurkha* Thomas, 1924							+		
[E. Ea].	*Bandicota indica* (Bechstein, 1800) *Bandicota indica malabarica* (Shaw, 1801)					+				
42.	*Cremnomys cutchicus* Wroughton, 1912					+				
43.	*Cremnomys elvira* (Ellerman, 1947)					+				
[F. Fa].	*Golunda ellioti* Gray, 1837 *Golunda ellioti nuwara* (Kelaart, 1850)									+
44.	*Hadromys humei* (Thomas, 1886)					+				
45.	*Madromys blanfordi* (Thomas, 1881)	+		+		+				+
46.	*Millardia meltada* (Gray, 1837)	+				+		+	+	+
47.	*Millardia gleadowi* (Murray, 1885)	+				+			+	
48.	*Millardia kondana* Mishra & Dhanda, 1975					+				

49.	*Mus platythrix* Bennett, 1832					+				
50.	*Mus saxicola* Elliot, 1839	+				+		+	+	
50a.	*Mus saxicola saxicola* Elliot, 1839					+				
50b.	*Mus saxicola sadhu* (Wroughton, 1911)					+			+	
50c.	*Mus saxicola gurkha* (Thomas, 1914)					+		+		
51.	*Mus famulus* Bonhote, 1898					+				
52.	*Mus phillipsi* Wroughton, 1912	+				+		+		
53.	*Mus mayori* (Thomas, 1915)									+
54.	*Mus fernandoni* (Phillips, 1932)									+
55.	*Rattus palmarum* (Zelebor, 1869)					+				
56.	*Rattus burrus* (Miller, 1902)					+				
57.	*Rattus stoicus* (Miller, 1902)					+				
58.	*Rattus satarae* Hinton, 1918					+				
59.	*Rattus montanus* Phillips, 1932									+
60.	*Rattus ranjiniae* Agrawal & Ghosh, 1969					+				
61.	*Srilankamys ohiensis* (Phillips, 1929)									+
62.	*Vandeleuria nilagirica* (Jerdon, 1867)					+				
63.	*Vandeleuria nolthenii* Phillips, 1929									+
Order Lagomorpha Brandt, 1855										
Family Leporidae Fischer, 1817										
64.	*Caprolagus hispidus* (Pearson, 1839)					+				
65.	*Lepus nigricollis* Cuvier, 1823	+	+	+	+	+		+	+	+
65a.	*Lepus nigricollis nigricollis* Cuvier, 1823					+				
65b.	*Lepus nigricollis ruficaudatus* Geoffroy, I., 1826	+		+	+	+		+	+	
65c.	*Lepus nigricollis aryabertensis* Hodgson, 1844							+		
65d.	*Lepus nigricollis dayanus* Blanford, 1874	+	+			+			+	
65e.	*Lepus nigricollis simcoxi* Wroughton, 1912					+				

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
65f.	*Lepus nigricollis singhala* Wroughton, 1915									+
65g.	*Lepus nigricollis sadiya* Kloss, 1918					+				
[G.	*Lepus tibetanus* Waterhouse, 1841									
Ga.]	*Lepus tibetanus craspedotis* Blanford, 1875								+	
Order Erinaceomorpha Gregory, 1910										
Family Erinaceidae Fischer, 1817										
66.	*Hemiechinus collaris* (Gray, 1830)	+				+			+	
[H.	*Paraechinus hypomelas* (Brandt, 1836)									
Ha.]	*Paraechinus hypomelas blanfordi* (Anderson, 1878)								+	
67.	*Paraechinus micropus* (Blyth, 1846)	+				+			+	
68.	*Paraechinus nudiventris* (Horsfield, 1851)					+				
Order Soricomorpha Gregory, 1910										
Family Soricidae Fischer, 1817										
69.	*Crocidura horsfeildii* (Tomes, 1856)	+				+		+		+
70.	*Crocidura andamanensis* Miller, 1902					+				
71.	*Crocidura nicobarica* Miller, 1902					+				
72.	*Crocidura pullata* Miller, 1911	+				+			+	
73.	*Crocidura hispida* Thomas, 1913					+				
74.	*Crocidura pergrisea* Miller, 1913					+				
75.	*Crocidura miya* Phillips, 1929									+
76.	*Crocidura jenkinsi* Chakraborty, 1978					+				
77.	*Crocidura hikmiya* Meegaskumbara et al., 2007									+
78.	*Feroculus feroculus* (Kelaart, 1850)	+				+				+
79.	*Solisorex pearsoni* Thomas, 1924									+
80.	*Suncus montanus* (Kelaart, 1850)									+

81.	*Suncus niger* (Horsfield, 1851)					+					
82.	*Suncus stoliczkanus* (Anderson, 1877)	+		+		+		+	+		
83.	*Suncus dayi* (Dobson, 1888)					+					
84.	*Suncus zeylanicus* Phillips, 1928									+	
85.	*Suncus fellowesgordoni* Phillips, 1932									+	
86.	*Anourosorex assamensis* Anderson, 1875					+					
87.	*Anourosorex schmidi* Petter, 1963	+			+	+					
[I.	*Soriculus nigriscens* (Gray, 1842)										
Ia.]	*Soriculus nigriscens minor* Dobson, 1890	+			+	+					
Order Chiroptera Blumenbach, 1779											
Family Pteropodidae Gray, 1821											
[J.	*Cynopterus sphinx* (Vahl, 1797)										
Ja.]	*Cynopterus sphinx scherzeri* Zelebor, 1869					+					
[K.	*Cynopterus brachyotis* (Müller, 1838)										
Ka.	*Cynopterus brachyotis brachysoma* Dobson, 1871					+					
Kb.]	*Cynopterus brachyotis ceylonensis* Gray, 1871	+				+				+	
88.	*Latidens salimalii* Thonglongya, 1972					+					
[L.	*Pteropus giganteus* (Brünnich, 1782)										
La.]	*Pteropus giganteus ariel* Allen, 1908						+				
[M.	*Pteropus hypomelanus* Temminck, 1853										
Ma.	*Pteropus hypomelanus satyrus* Andersen, 1908					+					
Mb.]	*Pteropus hypomelanus maris* Allen, 1936						+				
[N.	*Pteropus melanotus* Blyth, 1863										
Na.	*Pteropus melanotus melanotus* Blyth, 1863					+					
Nb.]	*Pteropus melanotus tytleri* Dobson, 1874					+					
89.	*Pteropus faunulus* Miller, 1902					+					

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
[O.	*Rousettus leschenaultii* (Desmarest, 1820)									
Oa.]	*Rousettus leschenaultii seminudus* (Kelaart, 1850)									+
Family Rhinolophidae Bell, 1836										
[P.	*Rhinolophus affinis* Horsfield, 1823									
Pa.]	*Rhinolophus affinis andamanensis* Dobson, 1872					+				
[Q.	*Rhinolophus pusillus* Temminck, 1834									
Qa.]	*Rhinolophus pusillus gracilis* Andersen, 1905					+				
[R.	*Rhinolophus rouxii* Temminck, 1835									
Ra.]	*Rhinolophus rouxii rubidus* Kelaart, 1850									+
[S.	*Rhinolophus macrotis* Blyth, 1844									
Sa.]	*Rhinolophus macrotis topali* Csorba and Bates, 1995								+	
90.	*Rhinolophus mitratus* Blyth, 1844					+				
91.	*Rhinolophus beddomei* Andersen, 1905	+				+				+
91a.	*Rhinolophus beddomei beddomei* Andersen, 1905					+				
91b.	*Rhinolophus beddomei sobrinus* Andersen, 1918									+
92.	*Rhinolophus cognatus* Andersen, 1906					+				
92a.	*Rhinolophus cognatus cognatus* Andersen, 1906					+				
92b.	*Rhinolophus cognatus famulus* Andersen, 1918					+				

Family Hipposideridae Lydekker, 1891						
93.	*Hipposideros speoris* (Schneider, 1800)	+		+	+	
[T.	*Hipposideros diadema* (E. Geoffroy, 1813)					
Ta.]	*Hipposideros diadema nicobarensis* (Dobson, 1871)			+		
[U.	*Hipposideros galeritus* Cantor, 1846					
Ua.]	*Hipposideros galeritus brachyotus* (Dobson, 1874)	+	+	+	+	
[V.	*Hipposideros ater* Templeton, 1848					
Va.	*Hipposideros ater ater* Templeton, 1848			+	+	
Vb.]	*Hipposideros ater nallamalaensis* Srinivasulu and Srinivasulu, 2006			+		
94.	*Hipposideros lankadiva* Kelaart, 1850	+	+	+	+	
94a.	*Hipposideros lankadiva indus* Andersen, 1918	+	+	+		
94b.	*Hipposideros lankadiva lankadiva* Kelaart, 1850				+	
95.	*Hipposideros nicobarulae* Miller, 1902			+		
[W	*Hipposideros pomona* Andersen, 1918					
Wa.]	*Hipposideros pomona pomona* Andersen, 1918			+		
96.	*Hipposideros durgadasi* Khajuria, 1970			+		
97.	*Hipposideros hypophyllus* Kock and Bhat, 1994			+		
Family Megadermatidae H. Allen, 1864						
[X.	*Megaderma spasma* (Linneaus, 1758)					
Xa.	*Megaderma spasma horsfieldii* Blyth, 1863	+	+	+		
Xb.]	*Megaderma spasma ceylonense* Andersen, 1918				+	

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Family Rhinopomatidae Bonaparte, 1838										
[Y.	*Rhinopoma microphyllum* (Brünnich, 1772)									
Ya.]	*Rhinopoma microphyllum kinneari* Wroughton, 1912	+		+		+				
Family Emballonuridae Gervais, 1855										
[Z.	*Taphozous nudiventris* Cretzschmar, 1830									
Za.]	*Taphozous nudiventris kachhensis* Dobson, 1872	+	+	+		+			+	
[A1.	*Taphozous theobaldi* Dobson, 1872									
A1a.]	*Taphozous theobaldi secatus* Dobson,1872					+				
Family Molossidae Gill, 1872										
[B1.	*Chaerephon plicatus* (Buchanan, 1800)									
B1a.]	*Chaerephon plicatus insularis* (Phillips, 1932)									+
[C1.	*Tadarida aegyptiaca* (E. Geoffroy, 1818)									
C1a.	*Tadarida aegyptiaca tragatus* (Dobson, 1874)	+		+		+				
C1b.]	*Tadarida aegyptiaca thomasi* Wroughton, 1919	+				+				+
Family Vespertilionidae Gray, 1821										
98.	*Eptesicus tatei* Ellerman & Morrison-Scott, 1951					+				
99.	*Scotoecus pallidus* (Dobson, 1876)	+				+			+	
100.	*Nyctalus montanus* (Barrett-Hamilton, 1906)	+	+			+		+		
[D1.	*Pipistrellus javanicus* (Gray, 1838)									
D1a.]	*Pipistrellus javanicus camortae* Miller, 1902					+				
[E1.	*Pipistrellus ceylonicus* (Kelaart, 1852)									
E1a.]	*Pipistrellus ceylonicus ceylonicus* (Kelaart, 1852)									+

101.	*Scotozous dormeri* Dobson, 1875	+		+			+			+		
[F1.	*Tylonycteris pachypus* (Temminck, 1840)											
F1a.]	*Tylonycteris pachypus aurex* (Thomas, 1915)						+					
[G1.	*Myotis horsfieldii* (Temminck, 1840)											
G1a.	*Myotis horsfieldii dryas* Andersen, 1907						+					
G1b.]	*Myotis horsfieldii peshwa* (Thomas, 1915)						+					
[H1.	*Myotis montivagus* (Dobson, 1874)											
H1a.]	*Myotis montivagus peytoni* Wroughton and Ryley, 1913						+					
102.	*Myotis sicarius* Thomas, 1915	+					+		+			
103.	*Myotis csorbai* Topál, 1997								+			
[I1.	*Harpiocephalus harpia* (Temminck, 1840)											
I1a.]	*Harpiocephalus harpia madrassius* Thomas, 1923						+					
[J1.	*Murina cyclotis* Dobson, 1872											
J1a.]	*Murina cyclotis eileenae* Phillips, 1932										+	
104.	*Harpiola grisea* (Peters, 1872)						+					
Order Carnivora Bowdich, 1821												
Family Canidae Fischer de Waldhiem, 1817												
[K1.	*Canis aureus* Linnaeus, 1758											
K1a.]	*Canis aureus naria* Wroughton, 1916	+					+				+	
[L1.	*Cuon alpinus* (Pallas, 1811)											
L1a.]	*Cuon alpinus dukhunensis* (Sykes, 1831)	+					+				+	
105.	*Vulpes bengalensis* (Shaw, 1800)	+		+		+	+		+	+		
Family Mustelidae Fischer de Waldheim, 1817												
[M1.	*Aonyx cinerea* (Illiger, 1815)											
M1a.]	*Aonyx cinerea nirnai* (Pocock, 1914)						+					
106.	*Martes gwatkinskii* Horsfield, 1851						+					

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to								
		South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Family Ursidae Fischer de Waldheim, 1817										
107.	*Melursus ursinus* (Shaw, 1791)	+		+	+	+		+		+
107a.	*Melursus ursinus ursinus* (Shaw, 1791)			+	+	+		+		
107b.	*Melursus ursinus inornatus* Pucheran, 1855									+
[N1.	*Ursus thibetanus* (G. Cuvier, 1823)									
N1a.	*Ursus thibetanus gedrosianus* Blanford, 1877								+	
N1b.]	*Ursus thibetanus laniger* (Pocock, 1932)	+	+			+			+	
Family Felidae Fischer de Waldheim, 1817										
[O1.	*Felis chaus* Schreber, 1777									
O1a.	*Felis chaus prateri* Pocock, 1939	+				+			+	
O1b.]	*Felis chaus kelaarti* Pocock, 1939	+				+				+
[P1.	*Felis margarita* Loche, 1858									
P1a.]	*Felis margarita scheffeli* Hemmer, 1974								+	
108.	*Prionailurus rubiginosus* (I. Geoffroy, 1831)	+				+				+
108a.	*Prionailurus rubiginosus rubiginosus* (I. Geoffroy, 1831)					+				
108b.	*Prionailurus rubiginosus phillipsi* Pocock, 1939									+
[Q1.	*Panthera leo* (Linnaeus, 1758)									
Q1a.]	*Panthera leo persica* (Meyer, 1826)					+				
[R1.	*Panthera pardus* (Linnaeus, 1758)									
R1b.]	*Panthera pardus kotiya* Deraniyagala, 1956									+
Family Herpestidae Bonaparte, 1845										
[S1.	*Herpestes edwardsii* (E. Geoffroy Saint-Hilaire, 1818)									
S1a.	*Herpestes edwardsii edwardsii* (E. Geoffroy Saint-Hilaire, 1818)					+				

S1b.	*Herpestes edwardsii nyula* (Hodgson, 1836)	+		+	+	+		+	
S1c.	*Herpestes edwardsii ferrugineus* Blanford, 1874	+				+		+	
S1d.	*Herpestes edwardsii montanus* Bechthold, 1936							+	
S1e.]	*Herpestes edwardsii lanka* (Wroughton, 1915)								+
109.	*Herpestes vitticollis* Bennett, 1835	+				+			+
109a.	*Herpestes vitticollis vitticollis* Bennett, 1835	+				+			+
109b.	*Herpestes vitticollis inornatus* Pocock, 1941					+			
[T1.	*Herpestes auropunctatus* (Hodgson, 1836)								
T1a.]	*Herpestes auropunctatus auropunctatus* (Hodgson, 1836)	+		+	+	+		+	
110.	*Herpestes smithii* Gray, 1837	+				+			+
110a.	*Herpestes smithii smithii* Gray, 1837					+			
110b.	*Herpestes smithii thysanurus* Gray, 1837					+			
110c.	*Herpestes smithii zeylanicus* Thomas, 1921								+
111.	*Herpestes fuscus* Waterhouse, 1838	+				+			+
111a.	*Herpestes fuscus fuscus* Waterhouse, 1838					+			
111b.	*Herpestes fuscus flavidens* Kelaart, 1850								+
111c.	*Herpestes fuscus maccarthiae* (Gray, 1851)								+
111d.	*Herpestes fuscus siccatus* Thomas, 1924								+
111e.	*Herpestes fuscus rubidior* Pocock, 1937								+
112.	*Herpestes palustris* Ghose, 1965					+			
Family Viverridae Gray, 1821									
[U1.	*Paguma larvata* (Hamilton-Smith, 1827)								
U1a.	*Paguma larvata tytleri* (Tytleri, 1864)					+			
U1b.]	*Paguma larvata wroughtoni* Schwarz, 1913	+				+		+	
[V1.	*Paradoxurus hermaphroditus* (Pallas, 1777)								

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
V1a.	*Paradoxurus hermaphroditus bondar* (Desmarest, 1820)	+				+		+		
V1b.	*Paradoxurus hermaphroditus nictitans* Taylor, 1891					+				
V1c.	*Paradoxurus hermaphroditus scindiae* Pocock, 1934					+				
V1d.]	*Paradoxurus hermaphroditus vellerosus* Pocock, 1934	+				+		+		
113.	*Paradoxurus aureus* F. Cuvier, 1822									+
114.	*Paradoxurus montanus* Kelaart, 1852									+
115.	*Paradoxurus jerdoni* Blanford, 1885					+				
115a.	*Paradoxurus jerdoni jerdoni* Blanford, 1885					+				
115b.	*Paradoxurus jerdoni cansicus* Pocock, 1933					+				
116.	*Paradoxurus stenocephalus* Groves et al., 2009									+
117.	*Viverra civettina* Blyth, 1862					+				
[W1.	*Viverricula indica* (E. Geoffroy Saint-Hillaire, 1803)									
W1a.	*Viverricula indica deserti* Bonhote, 1898	+				+			+	
W1b.	*Viverricula indica baptistae* Pocock, 1933	+			+	+		+		
W1c.	*Viverricula indica mayori* Pocock, 1933									+
W1d.]	*Viverricula indica wellsi* Pocock, 1933					+				
Order Perissodactyla Owen, 1848										
Family Equidae Gray, 1821										
[X1.	*Equus hemionus* Pallas, 1775									
X1a.]	*Equus hemionus khur* Lesson, 1827	+				+			+	

Family Rhinocerotidae Gray, 1821										
118.	*Rhinoceros unicornis* Linnaeus, 1758	+				+		+		
Order Artiodactyla Owen, 1848										
Family Suidae Gray, 1821										
119.	*Porcula salvania* (Hodgson, 1847)	+		+		+				
[Y1.	*Sus scrofa* Linnaeus, 1758									
Y1a.]	*Sus scrofa davidi* Groves, 1981	+				+			+	
Family Tragulidae Milne-Edwards, 1864										
120.	*Moschiola meminna* (Erxleben, 1777)									+
121.	*Moschiola indica* (Gray, 1843)	+				+		+		
122.	*Moschiola kathygre* Groves & Meijaard, 2005									+
Family Moschidae Gray, 1821										
123.	*Moschus cupreus* Grubb, 1982	+	+			+			+	
Family Cervidae Goldfuss, 1820										
124.	*Axis axis* (Erxleben, 1777)	+		+	+	+		+		+
[Z1.	*Cervus elaphus* Linnaeus, 1758									
Z1a.]	*Cervus elaphus hanglu* Wagner, 1844					+				
[A2.	*Muntiacus vaginalis* (Boddaert, 1785)									
A2a.]	*Muntiacus vaginalis aureus* H. Smith, 1826					+				
A2b.]	*Muntiacus vaginalis malabaricus* Lydekker, 1915	+				+				+
125.	*Rucervus duvaucelii* (Cuvier, 1823)	+				+		+		
125a.	*Rucervus duvaucelii duvaucelii* (Cuvier, 1823)	+				+		+		
125b.	*Rucervus duvaucelii branderi* Pocock, 1943					+				
125c.	*Rucervus duvaucelii ranjitsinhi* (Groves, 1982)					+				
[B2.	*Rucervus eldi* (McClelland, 1842)									
B2a.]	*Rucervus eldi eldi* (McClelland, 1842)					+				

(continued)

Table 2.5 (continued)

S. No.	Species name Subspecies name	Endemic to South Asia	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka
Family Bovidae Gray, 1821										
126.	*Antilope cervicapra* (Linnaeus, 1758)					+				
126a.	*Antilope cervicapra cervicapra* (Linnaeus, 1758)					+				
126b.	*Antilope cervicapra rajputanae* Zukowsky, 1927					+				
[C2.	*Gazella bennettii* (Sykes, 1831)									
C2a.	*Gazella bennettii bennettii* (Sykes, 1831)					+				
C2b.	*Gazella bennettii christyi* Blyth, 1842					+				
C2c.	*Gazella bennettii fuscifrons* Blanford, 1873	+	+			+			+	
C2d.]	*Gazella bennettii salinarum* Groves, 2003	+				+			+	
127.	*Boselaphus tragocamelus* (Pallas, 1766)	+				+		+	+	
[D2.	*Bubalus arnee* (Kerr, 1792)									
D2a.	*Bubalus arnee arnee* (Kerr, 1792)	+				+		+		
D2b.	*Bubalus arnee fulvus* (Blanford, 1891)	+			+	+				
128.	*Tetracerus quadricornis quadricornis* (de Blainville, 1816)	+				+		+		
128a.	*Tetracerus quadricornis quadricornis* (de Blainville, 1816)					+				
128b.	*Tetracerus quadricornis iodes* Hodgson, 1847					+		+		
128c.	*Tetracerus quadricornis subquadricornis* Gray, 1843					+				
E2.	*Capra aegagrus* Erxleben, 1777									
E2a.]	*Capra aegargus chialtanensis* Lydekker, 1913								+	
[F2.	*Capra falconeri* (Wagner, 1839)									
F2a.	*Capra falconeri falconeri* (Wagner, 1839)	+	+			+			+	

F2b.]	*Capra falconeri megaceros* Hutton, 1842	+	+					+
129.	*Nilgiritragus hylocrius* (Ogilby, 1838)					+		
[G2.	*Ovis orientalis* Gmelin, 1774							
G2a.	*Ovis orientalis vignei* Blyth, 1841	+				+		+
G2b.]	*Ovis orientalis punjabiensis* Lydekker, 1913							+
Order Cetacea Brisson, 1762								
Family Platanistidae Gray, 1846								
130.	*Platanista gangetica* (Roxburgh, 1801)	+		+	+	+	+	+
130a.	*Platanista gangetica gangetica* (Roxburgh, 1801)			+	+	+	+	
130b.	*Platanista gangetica minor* Owen, 1853							+

to two countries, 11 species are endemic to three countries, 2 species are endemic to four countries, and 5 species are endemic to more than four countries. At the subspecies level, 40 taxa are endemic to India, 25 taxa are endemic to Sri Lanka, 2 taxa are endemic to Nepal, and 1 taxon each is endemic to Bhutan and Pakistan. Besides these subspecies, as many as 16 taxa are endemic to South Asia. Furthermore, 90 endemic subspecies are such that belong to 59 species that occur in the regions other than South Asia, among which 34 subspecies are such that occur in more than one country. Of this diversity, maximum number (66) of endemic subspecies occurs in India followed by 23 subspecies in Pakistan, 18 subspecies in Sri Lanka, 8 subspecies in Bangladesh, 6 subspecies each in Bhutan and Nepal, 5 subspecies in Afghanistan, and 2 subspecies in Maldives.

Among the endemic mammals of South Asia, 31 are insular endemic species and 53 are insular endemic subspecies (Table 2.6). As many as 20 species and 35 subspecies are endemic to Sri Lanka, 11 species and 16 subspecies are endemic to Andaman and Nicobar Islands, India, and 2 subspecies are restricted to the Maldives.

The orders represented by the highest number of genera and species from South Asia are the Rodentia (59 genera and 135 species), Chiroptera (44 genera and 131 species), Carnivora (36 genera and 69 species), Artiodactyla (26 genera and 40 species), and Cetacea (23 genera and 31 species). The families represented by the highest number of genera and species from South Asia are the Muridae (24 genera and 71 species), Vespertilionidae (23 genera and 63 species), Bovidae (17 genera and 23 species), and Sciuridae (15 genera and 29 species). Some families that have lesser number of genera and higher number of species are Soricidae (10 genera and 39 species), Rhinolophidae (1 genus and 20 species), Mustelidae (10 genera and 18 species), Cricetidae (9 genera and 18 species), and Hipposideridae (4 genera and 15 species). Forty-six monotypic genera of mammals are found in South Asia which includes eight endemic genera (*Eoglaucomys*, *Madromys*, *Feroculus*, *Scotozous*, *Melursus*, *Porcula*, *Boselaphus*, and *Tetracerus*) in South Asia, six endemic genera (*Anathana*, *Biswamoyopterus*, *Hadromys*, *Caprolagus*, *Latidens*, *Antilope,* and *Nilgiritragus*) in India, and 1 endemic genus (*Solisorex*) in Sri Lanka.

Table 2.6 List of insular endemic species and subspecies of mammals of South Asia

		Endemic to		
S. No.	Scientific name	Andaman and Nicobar Islands	Sri Lanka	Maldives
Order Proboscidea				
Family Elephantidae				
1.	*Elephas maximus maximus* Linnaeus, 1758	–	+	–
Order Scandentia				
Family Tupaiidae				
2.	*Tupaia nicobarica nicobarica* (Zelebor, 1869)	+	–	–
3.	*Tupaia nicobarica surda* Miller, 1902	+	–	–

(continued)

Table 2.6 (continued)

S. No.	Scientific name	Endemic to		
		Andaman and Nicobar Islands	Sri Lanka	Maldives
Order Primates				
Family Lorisidae				
4.	*Loris tardigradus tardigradus* (Linnaeus, 1758)	–	+	–
5.	*Loris tardigradus nycticeboides* Hill, 1942	–	+	–
6.	*Loris lydekkerianus grandis* Hill & Phillips, 1932	–	+	–
7.	*Loris lydekkerianus nordicus* Hill, 1933	–	+	–
Family Cercopithecidae				
8.	*Macaca fascicularis umbrosus* (Miller, 1902)	+	–	–
9.	*Macaca sinica sinica* (Linnaeus, 1771)	–	+	–
10.	*Macaca sinica aurifrons* Pocock, 1931	–	+	–
11.	*Macaca sinica opisthomelas* Hill, 1942	–	+	–
12.	*Trachypithecus vetulus vetulus* (Erxleben, 1777)	–	+	–
13.	*Trachypithecus vetulus monticola* (Kelaart, 1850)	–	+	–
14.	*Trachypithecus vetulus nestor* (Bennett, 1833)	–	+	–
15.	*Trachypithecus vetulus philbricki* (Phillips, 1927)	–	+	–
Order Rodentia				
Family Sciuridae				
16.	*Ratufa macroura macroura* (Pennant, 1769)	–	+	–
17.	*Ratufa macroura melanochra* Thomas & Wroughton, 1915	–	+	–
18.	*Funambulus palmarum brodiei* (Blyth, 1849)	–	+	–
19.	*Funambulus layardi* (Blyth, 1849)	–	+	–
20.	*Funambulus sublineatus obscurus* (Pelzeln & Kohl, 1886)	–	+	–
Family Muridae				
21.	*Golunda ellioti nuwara* (Kelaart, 1850)	–	+	–
22.	*Mus mayori* (Thomas, 1915)	–	+	–
23.	*Mus fernandoni* (Phillips, 1932)	–	+	–
24.	*Rattus palmarum* (Zelebor, 1869)	+	–	–
25.	*Rattus burrus* (Miller, 1902)	+	–	–
26.	*Rattus stoicus* (Miller, 1902)	+	–	–
27.	*Rattus montanus* (Phillips, 1932)	–	+	–
28.	*Srilankamys ohiensis* (Phillips, 1929)	–	+	–
29.	*Vandeleuria nolthenii* Phillips, 1929	–	+	–

(continued)

Table 2.6 (continued)

S. No.	Scientific name	Endemic to Andaman and Nicobar Islands	Sri Lanka	Maldives
Order Lagomorpha				
Family Leporidae				
30.	*Lepus nigricollis singhala* Wroughton, 1915	–	+	–
Order Soricomorpha				
Family Soricidae				
31.	*Crocidura andamanensis* Miller, 1902	+	–	–
32.	*Crocidura nicobarica* Miller, 1902	+	–	–
33.	*Crocidura hispida* Thomas, 1913	+	–	–
34.	*Crocidura miya* Phillips, 1929	–	+	–
35.	*Crocidura jenkinsi* Chakraborty, 1978	+	–	–
36.	*Crocidura hikmiya* Meegaskumbara et al. 2007	–	+	–
37.	*Solisorex pearsoni* Thomas, 1924	–	+	–
38.	*Suncus montanus* (Kelaart, 1850)	–	+	–
39.	*Suncus zeylanicus* Phillips, 1928	–	+	–
40.	*Suncus fellowesgordoni* Phillips, 1932	–	+	–
Order Chiroptera				
Family Pteropodidae				
41.	*Cynopterus sphinx scherzeri* Zelebor, 1869	+	–	–
42.	*Cynopterus brachyotis brachysoma* Dobson, 1871	+	–	–
43.	*Pteropus giganteus ariel* Allen, 1908	–	–	+
44.	*Pteropus hypomelanus geminorum* Miller, 1903	+	–	–
45.	*Pteropus hypomelanus satyrus* Andersen, 1908	+	–	–
46.	*Pteropus hypomelanus maris* Allen, 1936	–	–	+
47.	*Pteropus melanotus melanotus* Blyth, 1863	+	–	–
48.	*Pteropus melanotus tytleri* Dobson, 1874	+	–	–
49.	*Pteropus faunulus* Miller, 1902	+	–	–
50.	*Rousettus leschenaultii seminudus* (Kelaart, 1850)	–	+	–
Family Rhinolophidae				
51.	*Rhinolophus affinis andamanensis* Dobson, 1872	+	–	–
52.	*Rhinolophus beddomei sobrinus* Andersen, 1918	–	+	–
53.	*Rhinolophus cognatus cognatus* Andersen, 1906	+	–	–
54.	*Rhinolophus cognatus famulus* Andersen, 1918	+	–	–
55.	*Rhinolophus rouxii rubidus* Kelaart, 1850	–	+	–

(continued)

Table 2.6 (continued)

S. No.	Scientific name	Endemic to		
		Andaman and Nicobar Islands	Sri Lanka	Maldives
Family Hipposideridae				
56.	*Hipposideros nicobarulae* Miller, 1902	+	–	–
57.	*Hipposideros diadema nicobarensis* (Dobson, 1871)	+	–	–
58.	*Hipposideros lankadiva lankadiva* Kelaart, 1850	–	+	–
Family Megadermatidae				
59.	*Megaderma spasma ceylonense* Andersen, 1918	–	+	–
Family Molossidae				
60.	*Chaerephon plicatus insularis* (Phillips, 1932)	–	+	–
Family Vespertilionidae				
61.	*Pipistrellus ceylonicus ceylonicus* (Kelaart, 1852)	–	+	–
62.	*Pipistrellus javanicus camortae* Miller, 1902	+	–	–
63.	*Myotis horsfieldii dryas* Andersen, 1907	+	–	–
64.	*Murina cyclotis eileenae* Phillips, 1932	–	+	–
Order Carnivora				
Family Ursidae				
65.	*Melursus ursinus inornatus* Pucheran, 1855	–	+	–
Family Felidae				
66.	*Panthera pardus kotiya* Deraniyagala, 1956	–	+	–
Family Herpestidae				
67.	*Herpestes edwardsii lanka* (Wroughton, 1915)	–	+	–
68.	*Herpestes smithii zeylanicus* Thomas, 1921	–	+	–
69.	*Herpestes fuscus flavidens* Kelaart, 1850	–	+	–
70.	*Herpestes fuscus maccarthiae* (Gray, 1851)	–	+	–
71.	*Herpestes fuscus siccatus* Thomas, 1924	–	+	–
72.	*Herpestes fuscus rubidior* Pocock, 1937	–	+	–
Family Viverridae				
73.	*Paguma larvata tytleri* (Tytleri, 1864)	+	–	–
74.	*Paradoxurus aureus* F. Cuvier, 1822	–	+	–
75.	*Paradoxurus montanus* Kelaart, 1852	–	+	–
76.	*Paradoxurus stenocephalus* Groves et al., 2009	–	+	–
77.	*Viverricula indica mayori* Pocock, 1933	–	+	–
Order Artiodactyla				
Family Suidae				
78.	*Sus scrofa vittatus* Boie, 1828	+	–	–
Family Tragulidae				
79.	*Moschiola meminna* (Erxleben, 1777)	–	+	–
80.	*Moschiola kathygre* Groves & Meijaard, 2005	–	+	–

2.2 Country-wise Analysis of Mammalian Diversity in South Asia

This section is dedicated to provide a country-wise analysis of the mammalian diversity in South Asia (Table 2.7). Individual country list of mammal species and comments on mammalian diversity is provided.

2.2.1 Afghanistan

The mammals of Afghanistan are represented by 124 species belonging to 74 genera, 32 families, and 9 orders (Table 2.8; Fig. 2.3). As Afghanistan is strategically located between the Palearctic and Oriental regions, the mammalian diversity is

Table 2.7 Number of mammal species in the countries in South Asia including details of endemic, threatened, and extinct species

Country	Total number of species	Number of endemic species	Number of threatened species	Number of extinct species
Afghanistan	124	0	8	7
Bangladesh	134	0	24	11
Bhutan	112	0	29	3
India	426	106	93	2
Maldives	21	0	2	0
Nepal	197	21	28	3
Pakistan	190	21	21	6
Sri Lanka	122	39	30	0

Table 2.8 Summary of mammal species in Afghanistan

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Primates	Cercopithecidae	1	1	0	0
Rodentia	Sciuridae	5	5	0	0
	Gliridae	1	1	0	0
	Dipodidae	2	4	1	0
	Calomyscidae	1	2	0	0
	Cricetidae	6	8	0	0
	Muridae	8	16	1	0
	Hystricidae	1	1	0	0
Lagomorpha	Ochotonidae	1	2	0	0
	Leporidae	1	3	0	0
Erinaceomorpha	Erinaceidae	2	2	0	0
Soricomorpha	Soricidae	2	3	0	0

(continued)

Table 2.8 (continued)

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
Chiroptera	Rhinolophidae	1	7	0	0
	Hipposideridae	2	2	0	0
	Megadermatidae	1	1	0	0
	Rhinopomatidae	1	3	0	0
	Emballonuridae	1	1	0	0
	Molossidae	2	3	0	0
	Vespertilionidae	10	24	1	1
	Miniopteridae	1	1	0	0
Carnivora	Canidae	2	5	0	0
	Mustelidae	6	8	0	1
	Ursidae	1	2	0	0
	Felidae	7	8	1	3
	Hyaenidae	1	1	0	0
	Herpestidae	1	1	0	0
Perissodactyla	Equidae	0	0	0	1
	Rhinocerotidae	0	0	0	1
Artiodactyla	Suidae	1	1	0	0
	Moschidae	1	1	0	0
	Cervidae	1	1	0	0
	Bovidae	3	6	0	0
9 Orders	**32 Families**	**74**	**124**	**4**	**7**

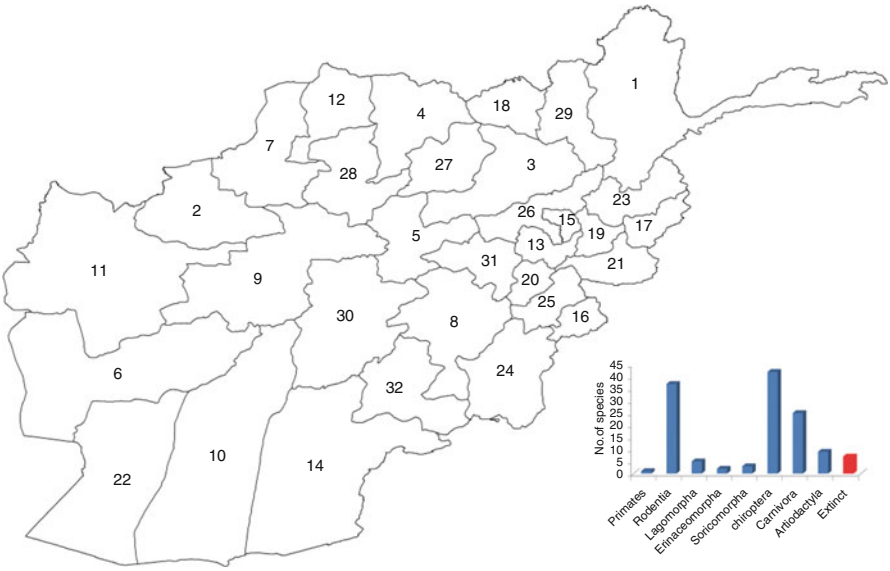

Fig. 2.3 Map of Afghanistan depicting provinces and species diversity in different families. *Key to the Provinces*: 1. Badakhshan, 2. Badghis, 3. Baghlan, 4. Balkh, 5. Bamian, 6. Farah, 7. Faryab, 8. Ghazni, 9. Ghowr, 10. Helmand, 11. Herat, 12. Jowzjan, 13. Kabul, 14. Kandahar, 15. Kapisa, 16. Khost, 17. Kunar, 18. Konduz, 19. Laghman, 20. Lowgar, 21. Nangarhar, 22. Nimroz, 23. Nuristan, 24. Paktika, 25. Paktiya, 26. Parvan, 27. Samangan, 28. Sar-e-Pol, 29. Takhar, 30. Oruzgan, 31. Vardak, and 32. Zabol

more represented by the Palearctic elements than the Oriental ones. As many as four species may possibly also occur in Afghanistan, while seven species have become extinct from the country in the last 500 years.

2.2.2 *Bangladesh*

The mammals of Bangladesh are represented by 134 species belonging to 97 genera, 37 families, and 12 orders (Table 2.9; Fig. 2.4), including 112 species of terrestrial mammals (belonging to 79 genera, 31 families, and 11 orders) and 22 species of aquatic (both freshwater and marine) mammals (belonging to 18 genera, 6 families,

Table 2.9 Summary of mammal species in Bangladesh

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Proboscidea	Elephantidae	1	1	0	0
Scandentia	Tupaiidae	1	1	0	0
Primates	Lorisidae	1	1	0	0
	Cercopithecidae	3	7	0	1
	Hylobatidae	1	1	0	0
Rodentia	Sciuridae	5	6	0	0
	Spalacidae	1	1	0	0
	Muridae	10	17	5	0
	Hystricidae	1	1	1	0
Lagomorpha	Leporidae	1	1	0	1
Soricomorpha	Soricidae	1	2	0	0
	Talpidae	1	1	1	0
Chiroptera	Pteropodidae	3	3	0	0
	Rhinolophidae	1	6	1	0
	Hipposideridae	2	5	0	0
	Megadermatidae	1	2	0	0
	Rhinopomatidae	1	2	0	0
	Emballonuridae	2	4	0	0
	Molossidae	1	1	1	0
	Vespertilionidae	11	14	1	0
Pholidota	Manidae	1	2	0	0
Carnivora	Canidae	3	3	0	1
	Mustelidae	4	4	1	0
	Ursidae	3	3	0	0
	Felidae	5	7	1	1
	Herpestidae	1	3	0	0
	Viverridae	6	6	0	0
Perissodactyla	Rhinocerotidae	0	0	0	3

(continued)

Table 2.9 (continued)

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
Artiodactyla	Suidae	1	1	0	0
	Cervidae	4	4	0	1
	Bovidae	2	2	0	3
Total					
11 Orders	31 Families	79	112	12	11
II. Aquatic Mammals					
Cetacea	Delphinidae	13	16	0	0
	Phocoenidae	1	1	0	0
	Physeteridae	1	1	0	0
	Kogiidae	1	2	0	0
	Platanistidae	1	1	0	0
	Ziphiidae	1	1	2	0
Total					
1 Order	6 Families	18	22	2	0
Grand Total					
12 Orders	**37 Families**	**97**	**134**	**15**	**11**

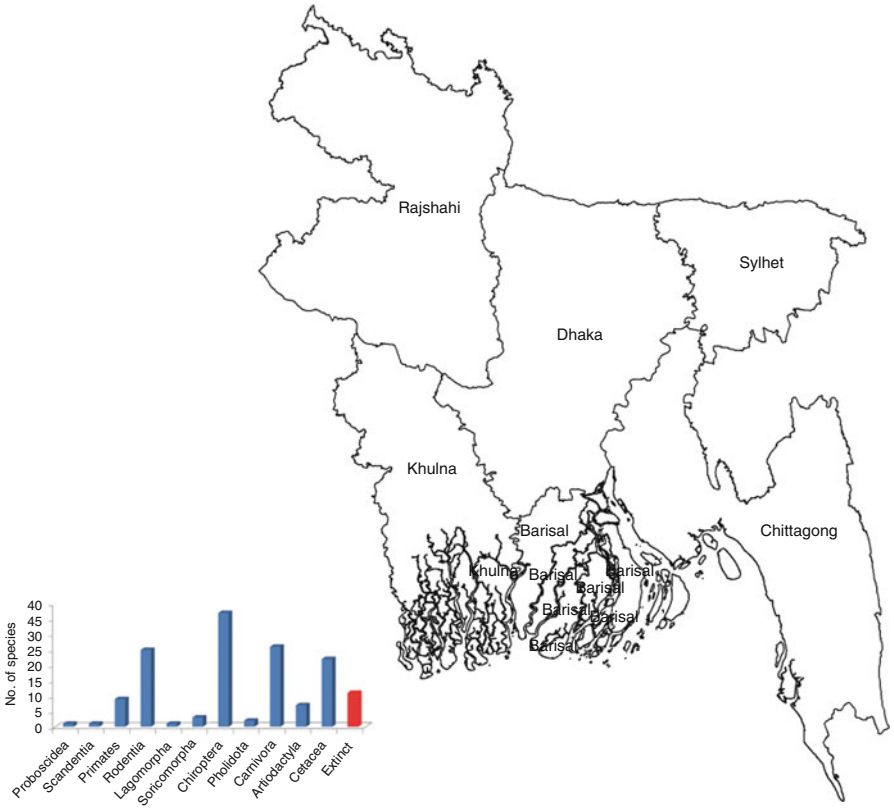

Fig. 2.4 Map of Bangladesh depicting divisions and species diversity in different families

and 1 order). The mammalian diversity includes the South East Asian elements too. As many as 15 species may possibly also occur in Bangladesh, while 11 species have become extinct from the country in the last 500 years.

2.2.3 Bhutan

The mammals of Bhutan are represented by 112 species belonging to 83 genera, 35 families, and 12 orders (Table 2.10; Fig. 2.5), including 111 species of terrestrial mammals (belonging to 32 genera, 34 families, and 11 orders) and 1 species of aquatic mammals (belonging to 1 genus, 1 family, and 1 order). The mammalian diversity includes the Indochinese elements too. As many as 57 species may possibly also occur in Bhutan, while 3 species have become extinct from the country in the last 500 years.

Table 2.10 Summary of mammal species in Bhutan

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Proboscidea	Elephantidae	1	1	0	0
Scandentia	Tupaiidae	1	1	0	0
Primates	Lorisidae	1	1	0	0
	Cercopithecidae	3	6	1	0
Rodentia	Sciuridae	9	13	0	0
	Cricetidae	1	1	1	0
	Muridae	7	14	5	0
Lagomorpha	Ochotonidae	1	3	4	0
	Leporidae	1	1	2	0
Soricomorpha	Soricidae	7	7	2	0
	Talpidae	1	1	0	0
Chiroptera	Pteropodidae	4	4	0	0
	Rhinolophidae	1	2	8	0
	Hipposideridae[a]	0	0	5	0
	Megadermatidae[a]	0	0	1	0
	Emballonuridae[a]	0	0	1	0
	Molossidae[a]	0	0	1	0
	Vespertilionidae	5	5	18	0
	Miniopteridae[a]	0	0	1	0
Pholidota	Manidae	1	2	0	0

(continued)

Table 2.10 (continued)

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
Carnivora	Canidae	3	5	1	0
	Mustelidae	7	9	0	0
	Ailuridae	1	1	0	0
	Ursidae	2	2	0	0
	Felidae	5	9	2	0
	Prionodontidae	1	1	0	0
	Herpestidae	1	3	0	0
	Viverridae	3	3	2	0
Perissodactyla	Equidae[a]	0	0	1	0
	Rhinocerotidae	1	1	0	2
Artiodactyla	Suidae	2	2	0	0
	Moschidae	1	2	0	0
	Cervidae	4	4	1	1
	Bovidae	7	7	0	0
Total					
11 Orders	34 Families	82	111	57	3
II. Aquatic Mammals					
Cetacea	Platanistidae	1	1	0	0
Total					
1 Order	1 Family	1	1	0	0
Grand Total					
12 Orders	**35 Families**	**83**	**112**	**57**	**3**

[a]Denotes families whose species may possibly occur

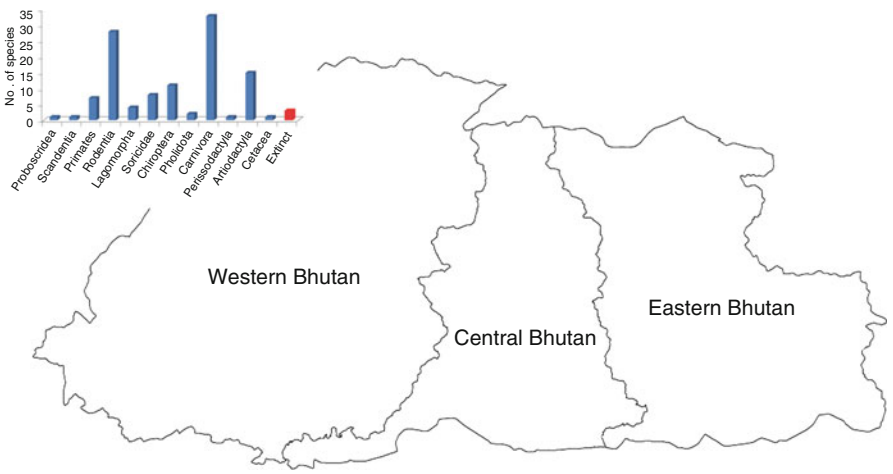

Fig. 2.5 Map of Bhutan depicting divisions and species diversity in different families

2.2.4 India

The mammals of India are represented by 426 species belonging to 199 genera, 52 families, and 14 orders (Table 2.11; Fig. 2.6), including 394 species of terrestrial mammals (belonging to 176 genera, 43 families, and 12 orders) and 31 species of aquatic (both freshwater and marine) mammals (belonging to 23 genera, 9 families,

Table 2.11 Summary of mammal species in India

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Proboscidea	Elephantidae	1	1	0	0
Scandentia	Tupaiidae	2	3	0	0
Primates	Lorisidae	2	2	0	0
	Cercopithecidae	3	21	0	0
	Hylobatidae	1	2	0	0
Rodentia	Sciuridae	13	26	0	0
	Dipodidae	1	1	0	0
	Platacanthomyidae	1	1	0	0
	Spalacidae	2	2	0	0
	Cricetidae	6	14	0	0
	Muridae	22	55	1	0
	Hystricidae	2	3	0	0
Lagomorpha	Ochotonidae	1	7	0	0
	Leporidae	2	4	0	0
Erinaceomorpha	Erinaceidae	2	3	0	0
Soricomorpha	Soricidae	9	30	0	0
	Talpidae	2	2	0	0
Chiroptera	Pteropodidae	8	13	0	0
	Rhinolophidae	1	17	0	0
	Hipposideridae	2	14	0	0
	Megadermatidae	1	2	0	0
	Rhinopomatidae	1	2	0	0
	Emballonuridae	2	6	0	0
	Molossidae	3	4	0	0
	Vespertilionidae	24	57	0	0
	Miniopteridae	1	3	0	0
Pholidota	Manidae	1	2	0	0
Carnivora	Canidae	3	6	0	0
	Mustelidae	8	15	0	0
	Ailuridae	1	1	0	0
	Ursidae	3	4	0	0
	Felidae	8	15	0	1
	Prionodontidae	1	1	0	0
	Hyaenidae	1	1	0	0
	Herpestidae	1	7	0	0
	Viverridae	6	8	0	0

(continued)

Table 2.11 (continued)

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
Perissodactyla	Equidae	1	2	0	0
	Rhinocerotidae	2	2	0	1
Artiodactyla	Suidae	2	2	0	0
	Tragulidae	1	1	0	0
	Moschidae	1	4	0	0
	Cervidae	5	8	0	0
	Bovidae	16	21	0	0
Total					
12 Orders	43 Families	176	395	1	2
II. Aquatic Mammals					
Sirenia	Dugongidae	1	1	0	0
Cetacea	Balaenidae	1	1	0	0
	Balaenopteridae	2	5	0	0
	Delphinidae	13	16	0	0
	Phocoenidae	1	1	0	0
	Physeteridae	1	1	0	0
	Kogiidae	1	2	0	0
	Platanistidae	1	1	0	0
	Ziphiidae	2	3	0	0
Total					
2 Orders	9 Families	23	31	0	0
Grand Total					
14 Orders	**52 Families**	**199**	**426**	**1**	**2**

and 2 orders). The mammalian diversity is mainly composed of South Asian elements but also includes the Palearctic, South East Asian, and Oceanic elements too. One species may possibly also occur in India, while two species have become extinct from the country in the last 500 years.

2.2.5 Maldives

The mammals of Maldives are poorly documented and are represented by 21 species belonging to 17 genera, 6 families, and 3 orders (Table 2.12), including 2 species of terrestrial mammals (belonging to 1 genus, 1 family, and 1 order) and 19 species of aquatic mammals (belonging to 16 genera, 5 families, and 2 orders).

2.2.6 Nepal

The mammals of Nepal are represented by 197 species belonging to 115 genera, 38 families, and 12 orders (Table 2.13; Fig. 2.7), including 196 species of terrestrial

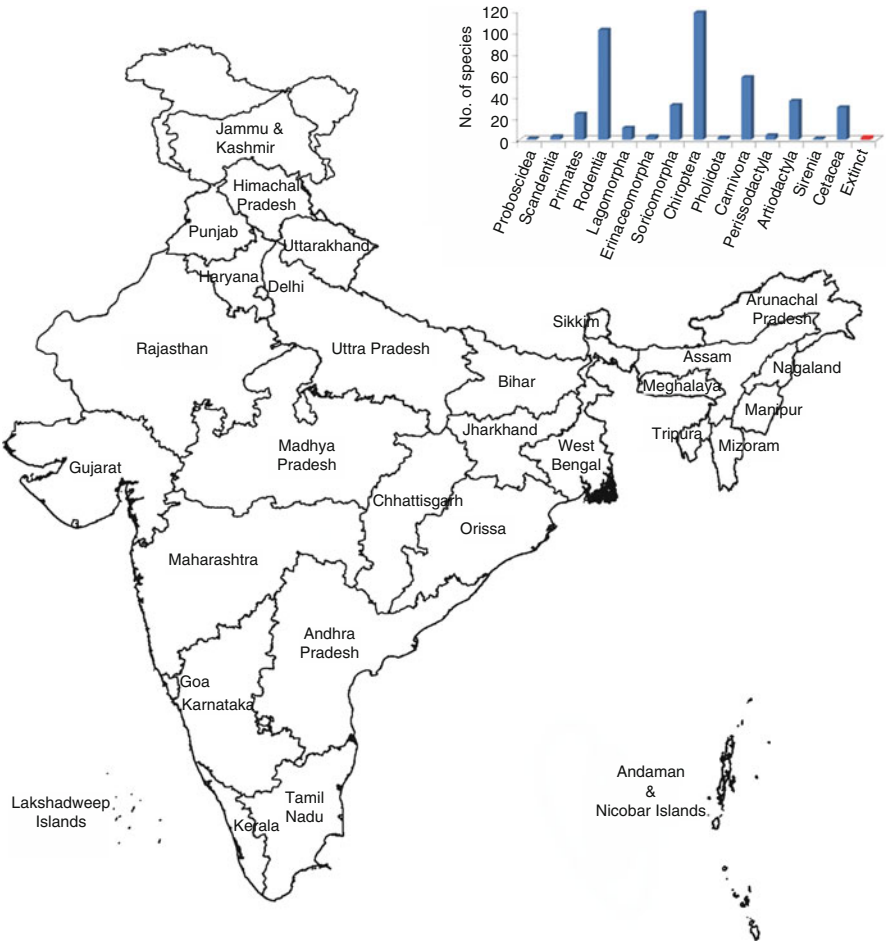

Fig. 2.6 Map of India depicting states and species diversity in different families

mammals (belonging to 114 genera, 37 families, and 11 orders) and 1 species of aquatic (freshwater) mammal (belonging to 1 genus, 1 family, and 1 order). The mammalian diversity is composed of South Asian, Palearctic, and Indochinese elements. As many as four species may possibly also occur in Nepal, while three species have become extinct from the country in the last 500 years.

2.2.7 Pakistan

The mammals of Pakistan are represented by 190 species belonging to 116 genera, 42 families, and 12 orders (Table 2.14; Fig. 2.8), including 163 species of terrestrial mammals (belonging to 95 genera, 34 families, and 10 orders) and 27 species of

Table 2.12 Summary of mammal species in Maldives

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Chiroptera	Pteropodidae	1	2	0	0
Total					
1 Order	1 Family	1	2	0	0
II. Aquatic Mammals					
Sirenia	Dugongidae	1	1	0	0
Cetacea	Delphinidae	11	13	0	0
	Physeteridae	1	1	0	0
	Kogiidae	1	2	0	0
	Ziphiidae	2	2	0	0
Total					
2 Orders	5 Families	16	19	0	0
Grand Total					
3 Orders	**6 Families**	**17**	**21**	**0**	**0**

Table 2.13 Summary of mammal species in Nepal

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Proboscidea	Elephantidae	1	1	0	0
Scandentia	Tupaiidae	1	1	0	0
Primates	Cercopithecidae	2	4	1	0
Rodentia	Sciuridae	9	12	0	0
	Spalacidae	1	1	0	0
	Cricetidae	4	4	0	0
	Muridae	12	25	0	0
	Hystricidae	2	2	0	0
Lagomorpha	Ochotonidae	1	7	0	0
	Leporidae	1	2	0	1
Soricomorpha	Soricidae	7	15	0	0
	Talpidae	1	1	0	0
Chiroptera	Pteropodidae	5	5	0	0
	Rhinolophidae	1	9	0	0
	Hipposideridae	1	4	0	0
	Megadermatidae	1	1	0	0
	Emballonuridae	1	1	1	0
	Molossidae[a]	0	0	1	0
	Vespertilionidae	15	33	1	0
	Miniopteridae	1	2	0	0
Pholidota	Manidae	1	2	0	0

(continued)

Table 2.13 (continued)

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
Carnivora	Canidae	3	6	0	0
	Mustelidae	8	13	0	0
	Ailuridae	1	1	0	0
	Ursidae	2	3	0	0
	Felidae	6	10	0	0
	Prionodontidae	1	1	0	0
	Hyaenidae	1	1	0	0
	Herpestidae	1	3	0	0
	Viverridae	5	5	0	0
Perissodactyla	Equidae	1	1	0	0
	Rhinocerotidae	1	1	0	0
Artiodactyla	Suidae	1	1	0	0
	Tragulidae	1	1	0	0
	Moschidae	1	4	0	0
	Cervidae	4	4	0	0
	Bovidae	9	9	0	2
Total					
11 Orders	37 Families	114	196	4	3
II. Aquatic Mammals					
Cetacea	Platanistidae	1	1	0	0
Total					
1 Order	1 Family	1	1	0	0
Grand Total					
12 Orders	**38 Families**	**115**	**197**	**4**	**3**

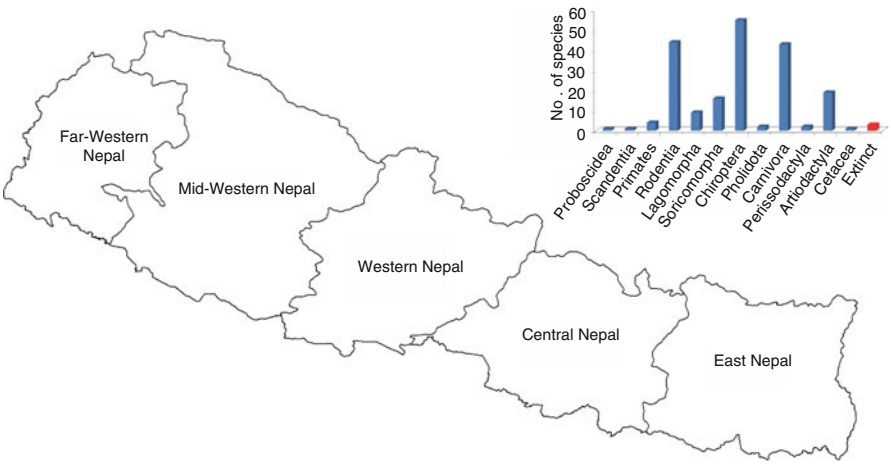

Fig. 2.7 Map of Nepal depicting divisions and species diversity in different families

aquatic (both freshwater and marine) mammals (belonging to 21 genera, 8 families, and 2 orders). The mammalian diversity is composed of South Asian and Palearctic elements. As many as five species may possibly also occur in Pakistan, while five species have become extinct from the country in the last 500 years.

Table 2.14 Summary of mammal species in Pakistan

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Primates	Cercopithecidae	2	2	0	0
Rodentia	Sciuridae	6	7	0	0
	Gliridae	1	2	0	0
	Dipodidae	4	5	0	0
	Calomyscidae	1	2	0	0
	Cricetidae	5	8	0	0
	Muridae	13	26	0	0
	Hystricidae	1	1	0	0
Lagomorpha	Ochotonidae	1	4	0	0
	Leporidae	1	2	0	0
Erinaceomorpha	Erinaceidae	2	4	0	0
Soricomorpha	Soricidae	3	8	2	0
Chiroptera	Pteropodidae	3	4	0	0
	Rhinolophidae	1	5	1	0
	Hipposideridae	3	4	0	0
	Megadermatidae	1	1	0	0
	Rhinopomatidae	1	3	0	0
	Emballonuridae	1	2	0	0
	Molossidae	1	1	0	0
	Vespertilionidae	13	25	2	0
Pholidota	Manidae	1	1	0	0
Carnivora	Canidae	2	6	0	0
	Mustelidae	6	9	0	0
	Ursidae	1	2	0	0
	Felidae	6	9	0	2
	Hyaenidae	1	1	0	0
	Herpestidae	1	2	0	0
	Viverridae	3	3	0	0
Perissodactyla	Equidae	1	1	0	0
	Rhinocerotidae	0	0	0	1
Artiodactyla	Suidae	1	1	0	0
	Moschidae	1	1	0	0
	Cervidae	2	2	0	1
	Bovidae	5	9	0	1
Total					
10 Orders	34 Families	95	163	5	5
II. Aquatic Mammals					
Sirenia	Dugongidae	1	1	0	0
Cetacea	Balaenopteridae	2	4	0	0
	Delphinidae	12	15	0	0
	Phocoenidae	1	1	0	0
	Physeteridae	1	1	0	0
	Kogiidae	1	2	0	0
	Platanistidae	1	1	0	0
	Ziphiidae	2	2	0	0
Total					
2 Orders	8 Families	21	27	0	0
Grand Total					
12 Orders	**42 Families**	**116**	**190**	**5**	**5**

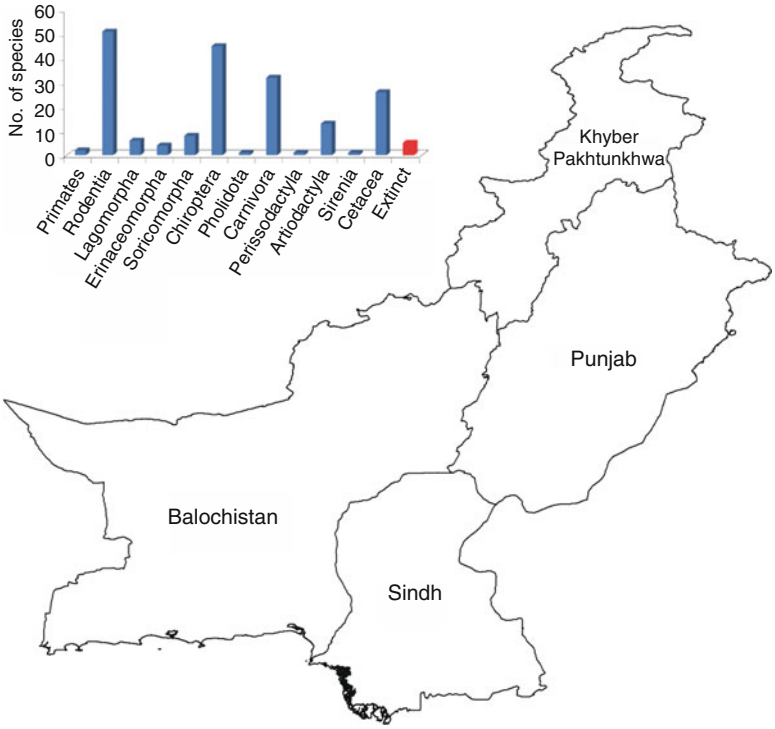

Fig. 2.8 Map of Pakistan depicting provinces and species diversity in different families

2.2.8 Sri Lanka

The mammals of Sri Lanka are represented by 122 species belonging to 78 genera, 34 families, and 11 orders (Table 2.15; Fig. 2.9), including 93 species of terrestrial mammals (belonging to 57 genera, 27 families, and 9 orders) and 29 species of aquatic (marine) mammals (belonging to 21 genera, 7 families, and 2 orders). The mammalian diversity is purely composed of South Asian and Oceanic elements. One species may possibly also occur in Sri Lanka, while one species has become extinct from the country in the last 500 years.

Table 2.15 Summary of mammal species in Sri Lanka

Order	Family	No. of genus	No. of species	No. of species with possible occurrence	No. of extinct species
I. Terrestrial Mammals					
Proboscidea	Elephantidae	1	1	0	0
Primates	Lorisidae	1	2	0	0
	Cercopithecidae	3	3	0	0
Rodentia	Sciuridae	4	6	0	0
	Muridae	9	16	0	0
	Hystricidae	1	1	0	0
Lagomorpha	Leporidae	1	1	0	0
Soricomorpha	Soricidae	4	10	0	0
Chiroptera	Pteropodidae	3	4	0	0
	Rhinolophidae	1	2	1	0
	Hipposideridae	1	5	0	0
	Megadermatidae	1	2	0	0
	Emballonuridae	2	3	0	0
	Molossidae	2	2	0	0
	Vespertilionidae	7	11	0	0
	Miniopteridae	1	1	0	0
Pholidota	Manidae	1	1	0	0
Carnivora	Canidae	1	1	0	0
	Mustelidae	1	1	0	0
	Ursidae	1	1	0	0
	Felidae	3	4	0	0
	Herpestidae	1	4	0	0
	Viverridae	2	5	0	0
Artiodactyla	Suidae	1	1	0	0
	Tragulidae	1	2	0	0
	Cervidae	3	3	0	0
	Bovidae	0	0	0	1
Total					
9 Orders	27 Families	57	93	1	1
II. Aquatic Mammals					
Sirenia	Dugongidae	1	1	0	0
Cetacea	Balaenopteridae	2	5	0	0
	Delphinidae	12	15	0	0
	Phocoenidae	1	1	0	0
	Physeteridae	1	1	0	0
	Kogiidae	1	2	0	0
	Ziphiidae	3	4	0	0
Total					
2 Orders	7 Families	21	29	0	0
Grand Total					
11 Orders	**34 Families**	**78**	**122**	**1**	**1**

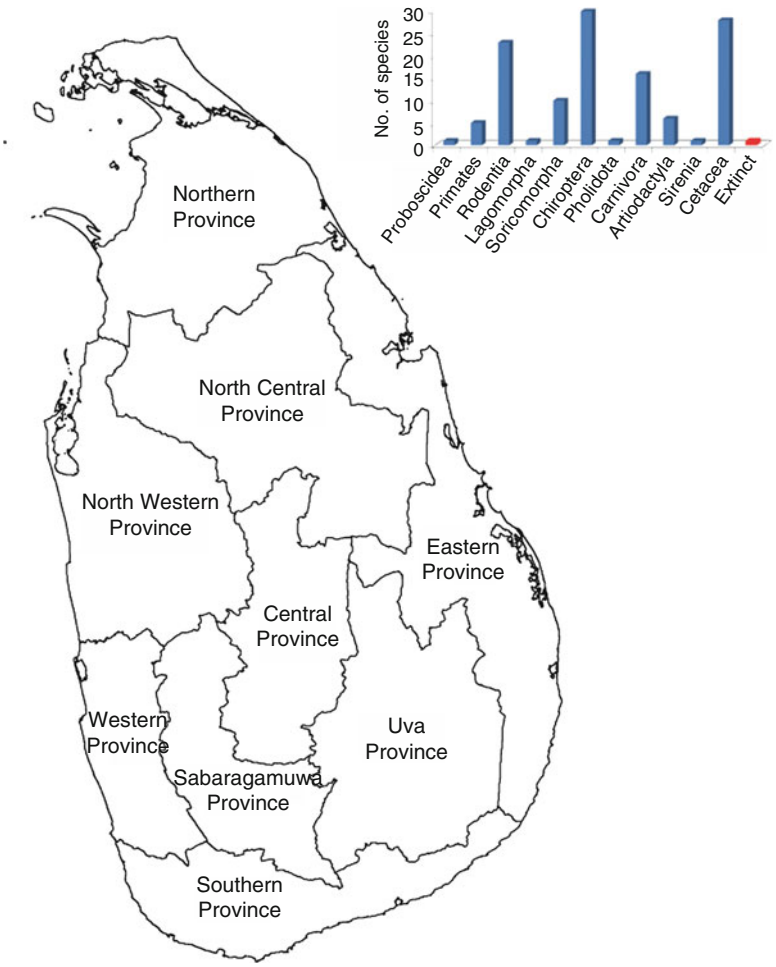

Fig. 2.9 Map of Sri Lanka depicting provinces and species diversity in different families

2.3 Extinct Mammals of South Asia

As many as four species of mammals, including three large mammals (*Acinonyx jubatus* (Carnivora, Felidae), known from Afghanistan, India, and Pakistan; *Mustela nivalis* (Carnivora, Mustelidae), known from Afghanistan, and *Rhinoceros sondaicus* (Perissodactyla, Rhinocerotidae) known from Bangladesh and India) and one small mammal (*Myotis bucharensis* (Chiroptera, Vespertilionidae), known from Afghanistan), have become extinct from South Asia. The details of other 19 such taxa that have become extinct locally from different countries in South Asia are given in Table 2.16. The status of the numerous data deficient small mammal species

Table 2.16 Details of extinct mammal species of South Asia

S. No.	Taxon	Extinct from
Taxa extinct from South Asia		
1.	*Myotis bucharensis* Kuzyakin, 1950 Chiroptera, Vespertilionidae	Afghanistan
2.	*Acinonyx jubatus* (Griffith, 1821) Carnivora, Felidae	Afghanistan, India and Pakistan
3.	*Mustela nivalis* Linnaeus, 1758 Carnivora, Mustelidae	Afghanistan
4.	*Rhinoceros sondaicus* (Desmarest, 1822) Perissodactyla, Rhinocerotidae	Bangladesh, Bhutan and India
Taxa extinct from countries within South Asia		
1.	*Macaca arctoides* (I. Geoffroy, 1831) Primates, Cercopithecidae	Bangladesh
2.	*Caprolagus hispidus* (Pearson, 1839) Lagomorpha, Leporidae	Bangladesh and Nepal
3.	*Canis lupus* Linnaeus, 1758 Carnivora, Canidae	Bangladesh
4.	*Pardofelis marmorata* (Martin, 1837) Carnivora, Felidae	Bangladesh
5.	*Panthera leo persica* (Meyer, 1826) Carnivora, Felidae	Afghanistan and Pakistan
6.	*Panthera tigris virgata* (Illiger, 1815) Carnivora, Felidae	Afghanistan
7.	*Equus hemionus khur* Lesson, 1827 Perissodactyla, Equidae	Pakistan
8.	*Equus hemionus blanfordi* (Pocock, 1947) Perissodactyla, Equidae	Afghanistan and Pakistan
9.	*Dicerorhinus sumatrensis* (Fischer, 1814) Perissodactyla, Rhinocerotidae	Bangladesh and Bhutan
10.	*Rhinoceros unicornis* Linnaeus, 1758 Perissodactyla, Rhinocerotidae	Afghanistan, Bangladesh and Pakistan
11.	*Cervus elaphus wallichi* G. Cuvier, 1823 Artiodactyla, Cervidae	Bhutan and India
12.	*Rucervus duvaucelii duvaucelii* (Cuvier, 1823) Artiodactyla, Cervidae	Pakistan
13.	*Rucervus duvaucelii ranjitsinhi* (Groves, 1982) Artiodactyla, Cervidae	Bangladesh
14.	*Antilope cervicapra cervicapra* (Linnaeus, 1758) Artiodactyla, Cervidae	Bangladesh and Nepal
15.	*Antilope cervicapra rajputanae* Zukowsky, 1927 Artiodactyla, Cervidae	Pakistan
16.	*Boselaphus tragocamelus* (Pallas, 1766) Artiodactyla, Bovidae	Bangladesh
17.	*Bubalus arnee arnee* (Kerr, 1792) Artiodactyla, Bovidae	Sri Lanka
18.	*Bubalus arnee fulvus* (Blanford, 1891) Artiodactyla, Bovidae	Bangladesh
19.	*Pantholops hodgsoni* (Abel, 1826) Artiodactyla, Bovidae	Nepal

that have been known only from type specimens remains uncertain, and it is assumed that majority of these species might have been exterminated.

2.4 Domestic Mammals of South Asia

As many as 15 species of domestic mammals occur in South Asia. In South Asian countries, some domesticated mammals are free ranging and feral (that is, derived from domestic stock but now living quite independently of human control). The domestic mammals of South Asia are—*Oryctolagus cuniculus* (Lagomorpha, Leporidae), *Felis catus* (Carnivora, Felidae), *Canis familiaris* (Carnivora, Canidae), *Equus asinus* (Perissodactyla, Equidae), *Equus cabalus* (Perissodactyla, Equidae), *Sus domesticus* (Artiodactyla, Suidae), *Camelus bactrianus* (Artiodactyla, Camelidae), *Camelus dromedarius* (Artiodactyla, Camelidae), *Bos grunniens* (Artiodactyla, Bovidae), *Bos frontalis* (Artiodactyla, Bovidae), *Bos indicus* Linnaeus, 1758 (Artiodactyla, Bovidae), *Bos taurus* (Artiodactyla, Bovidae), *Bubalus bubalis* (Artiodactyla, Bovidae), *Capra hircus* (Artiodactyla, Bovidae), and *Ovis aries* (Artiodactyla, Bovidae).

The summary of the wild species of mammals from which the domestic mammals have arisen and the broad distribution of the domesticated mammals of South Asia is given in Table 2.17.

Table 2.17 Domestic mammals of South Asia—their wild progenitors and distribution

Domestic mammal species	Wild progenitor species	Broad distribution of domestic species in South Asia
Oryctolagus cuniculus (Linnaeus, 1758) Lagomorpha, Leporidae Domestic Rabbit	*Oryctolagus cuniculus* (Linnaeus, 1758) Lagomorpha, Leporidae Domestic Rabbit	Usually reared as pet, reared for consumption, reared for fur and reared for use in scientific research purposes
Felis catus Linnaeus, 1758 Carnivora, Felidae Domestic Cat	*Felis sylvestris* Schreber, 1777 Carnivora, Felidae Wild Cat	Throughout; usually reared as pets, and also as feral populations
Canis familiaris Linnaeus, 1758 Carnivora, Canidae Domestic Dog	*Canis lupus* Linnaeus, 1758 Carnivora, Canidae Domestic Dog	Throughout; usually reared as pets, and also as feral populations
Equus asinus Linnaeus, 1758 Perissodactyla, Equidae Donkey	*Equus africanus* Heuglin &Fitzinger, 1866 Perissodactyla, Equidae North African Wild Ass	Throughout, but nowhere common; usually reared as beast of burden
Equus caballus Linnaeus, 1758 Perissodactyla, Equidae Domestic Horse	*Equus ferus* Boddaert, 1785 Perissodactyla, Equidae Russian Wild Horse	Throughout, but nowhere common; pure forms or hybrids with Donkey (as mules) usually reared as beast of burden; also as pets

(continued)

Table 2.17 (continued)

Domestic mammal species	Wild progenitor species	Broad distribution of domestic species in South Asia
Sus domesticus Erxleben, 1777 Artiodactyla, Suidae Domestic Pig	*Sus scrofa* Linnaeus, 1758 Artiodactyla, Suidae Wild Pig	Throughout, common; reared for its meat, and also as feral populations
Camelus bactrianus Linnaeus, 1758 Artiodactyla, Camelidae Domestic Bactrian Camel	*Camelus ferus* Przewalski, 1878 Artiodactyla, Camelidae Wild Bactrian Camel	Restricted to cold deserts of Himalayas in Ladakh and Disputed Kashmir, India, parts of Pakistan and Afghanistan; reared as beast of burden, for its milk and fur, and also as feral populations in some pockets in Nubra Valley
Camelus dromedarius Linnaeus, 1758 Artiodactyla, Camelidae Dromedary Camel	Wild progenitor not known	Restricted to arid and semi-arid regions of northwest India, Pakistan and Afghanistan; reared as beast of burden, for its milk, fur and meat
Bos grunniens Linnaeus, 1766 Artiodactyla, Bovidae Domestic Yak	*Bos mutus* (Przewalski, 1883) Artiodactyla, Bovidae Wild Yak	Restricted to montane regions of the Himalayas in India, Bhutan and Nepal; reared as beast of burden, for its milk, fur and meat
Bos frontalis Lambert, 1804 Artiodactyla, Bovidae Mithan	*Bos gaurus* H. Smith, 1827 Artiodactyla, Bovidae Domestic Yak	Restricted to montane regions of the Himalayas in Northeast India and Bhutan; reared as beast of burden, for its milk, fur and meat
Bos indicus Linnaeus, 1758 Artiodactyla, Bovidae Indian Humped Cattle	*Bos namadicus* Falconer, 1859 Artiodactyla, Bovidae Indian Aurochs (extinct)	Throughout, common; reared for its milk, in some places also as beast of burden or use in agriculture
Bos taurus Linnaeus, 1758 Artiodactyla, Bovidae Common Cattle	*Bos primigenius* Bojanus, 1827 Artiodactyla, Bovidae European Aurochs (extinct)	Throughout, common; reared for its milk, in some places also as beast of burden or use in agriculture
Bubalus bubalis (Linnaeus, 1758) Artiodactyla, Bovidae Domestic Water Buffalo	*Bubalus arnee* (Kerr, 1792) Artiodactyla, Bovidae Wild Buffalo	Throughout, common; reared for its milk and also as beast of burden or use in agriculture
Capra hircus Linnaeus, 1758 Artiodactyla, Bovidae Domestic Goat	*Capra aegagrus* Erxleben, 1777 Artiodactyla, Bovidae Wild Goat	Throughout, common; reared for its milk, meat, fur and also in some places as pets
Ovis aries Linnaeus, 1758 Artiodactyla, Bovidae Domestic Sheep	*Ovis orientalis* Gmelin, 1774 Artiodactyla, Bovidae Urial	Throughout, common; reared for its milk, meat, fur and also in some places as pets

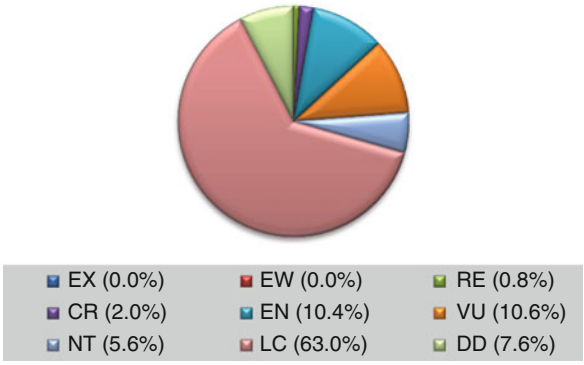

Fig. 2.10 Red List status of South Asian mammals

Table 2.18 Summary status of mammals of South Asia

IUCN Category		Endemics	Non-Endemics	Total
Extinct (EX)		0	0	0
Extinct in the Wild (EW)		0	0	0
Regionally Extinct (RE)		0	4	4
Threatened Category	Critically Endangered (CR)	8	2	10
	Endangered (EN)	33	19	52
	Vulnerable (VU)	25	28	53
Near Threatened (NT)		9	19	28
Least Concern (LC)		39	276	315
Data Deficient (DD)		11	27	38
Not Evaluated (NE)		6	0	6
Total Species		**131**	**375**	**506**

2.5 Status of Mammals of South Asia

Approximately one out of every four mammal species (23%) in South Asia is threatened with extinction (Fig. 2.10). Thirty eight of the non-threatened species lack any information, and hence categorized as Data Deficient, while as many as five species have not been evaluated so far. A summary of the status of mammals of South Asia is provided in Table 2.18. The list of threatened mammals of South Asia as sourced from IUCN Red List Database (IUCN 2011) is provided in Table 2.19. As the IUCN Red List Database keeps updating the Red List Assessment status on a regular basis, readers are advised to refer http://www.iucnredlist.org for updated information on species of interest.

Species belonging to orders Proboscidea and Sirenia are threatened with extinction. More than 50% of species belonging to orders Perissodactyla (60%), Primates (55.5%), and Artiodactyla (55.0%) are threatened (Table 2.20). Between 6.0 and 33.3% of species belonging to orders Scandentia (33.3%), Soricomorpha (30.0%), Carnivora (29.3%), Cetacea (19.3%), Rodentia (17.3%), Lagomorpha (7.1%), and

Table 2.19 List of threatened mammal species of South Asia

Scientific name (Order, Family)	Common name	Red List category	Endemic?
Critically endangered			
Porcula salvania (Artiodactyla, Suidae)	Pygmy Hog	CR C2a(ii)	Yes
Viverra civettina (Carnivora, Viverridae)	Malabar Large Spotted Civet	CR C2a(i)	Yes
Orcaella brevirostris[a] (Cetacea, Delphinidae)	Irrawaddy Dolphin	CR C2a(i,ii); D	
Dicerorhinus sumatrensis (Perissodactyla, Rhinocerotidae)	SumatranRhinoceros	CR A2abd; C1 + 2a(i)	
Cremnomys elvira (Rodentia, Muridae)	Elvira Cremnomys	CR B1ab(iii) + 2ab(iii)	Yes
Millardia kondana (Rodentia, Muridae)	Large Metad	CR B1ab(iii) + 2ab(iii)	Yes
Biswamoyopterus biswasi (Rodentia, Sciuridae)	Namdapha Flying Squirrel	CR B1ab(iii)	Yes
Crocidura andamanensis (Soricomorpha, Soricidae)	Andaman White-toothed Shrew	CR B1ab(iii)	Yes
Crocidura jenkinsi (Soricomorpha, Soricidae)	Jenkin's Andaman Spiny Shrew	CR B1ab(iii)	Yes
Crocidura nicobarica (Soricomorpha, Soricidae)	Nicobar Shrew	CR B1ab(ii,iii)	Yes
Endangered			
Bubalus arnee (Artiodactyla, Bovidae)	Wild Buffalo	EN e + 3cde + 4cde; C1	
Capra falconeri (Artiodactyla, Bovidae)	Markhor	EN C1 + 2a(i)	
Nilgiritragus hylocrius (Artiodactyla, Bovidae)	Nilgiri Tahr	EN C2a(i)	Yes
Pantholops hodgsonii (Artiodactyla, Bovidae)	Tibetan Antelope	EN A2d	
Hyelaphus porcinus (Artiodactyla, Cervidae)	Hog-Deer	EN A2bcd	
Rucervus eldi (Artiodactyla, Cervidae)	Eld's Deer	EN A2cd + 3cd + 4cd	
Moschus chrysogaster (Artiodactyla, Moschidae)	Golden-bellied Musk Deer	EN A2cd	
Moschus cupreus (Artiodactyla, Moschidae)	Kashmir Musk Deer	EN A2d	Yes
Moschus fuscus (Artiodactyla, Moschidae)	Dwarf Musk Deer	EN A2cd	
Moschus leucogaster (Artiodactyla, Moschidae)	White-bellied Musk Deer	EN A2d	
Cuon alpinus (Carnivora, Canidae)	Dhole	EN C2a(i)	
Panthera tigris (Carnivora, Felidae)	Tiger	EN A2bcd + 4bcd; C1 + 2a(i)	

(continued)

Table 2.19 (continued)

Scientific name (Order, Family)	Common name	Red List category	Endemic?
Prionailurus viverrinus (Carnivora, Felidae)	Fishing Cat	EN A2cd + 4cd	
Panthera uncia (Carnivora, Felidae)	Snow Leopard	EN C1	
Balaenoptera musculus[b] (Cetacea, Balaenopteridae)	Blue Whale	EN A1abd	
Balaenoptera physalus (Cetacea, Balaenopteridae)	Fin Whale	EN A1d	
Megapetra novaeangliae (Cetacea, Balaenopteridae)[c]	Humpback Whale	EN D	
Platanista gangetica (Cetacea, Platanistidae)	Gangetic Dolphin	EN A2abcde	Yes
Hipposideros durgadasi (Chiroptera, Hipposideridae)	Durga Das's Leaf-nosed Bat	EN B1ab(iii) + 2ab(iii)	Yes
Hipposideros hypophyllus (Chiroptera, Hipposideridae)	Kolar Leaf-nosed Bat	EN B1ab(iii) + 2ab(iii)	Yes
Latidens salimalii (Chiroptera, Pteropodidae)	Salim Ali's Fruit Bat	EN B1ab(iii) + 2ab(iii)	Yes
Rhinolophus cognatus (Chiroptera, Rhinolophidae)	Andaman Horseshoe Bat	EN B1ab(iii) + 2ab(iii)	Yes
Caprolagus hispidus (Lagomorpha, Leporidae)	Hispid Hare	EN B2ab(ii,iii,v)	Yes
Equus hemionus (Perissodactyla, Equidae)	Onager	EN A2abc + 3bd	
Manis pentadactyla (Pholidota, Manidae)	Chinese Pangolin	EN A2d + 3d + 4d	
Macaca munzala (Primates, Cercopithecidae)	Arunachal Macaque	EN B1ab(v);D	Yes
Macaca silenus (Primates, Cercopithecidae)	Lion-tailed Macaque	EN C2a(i)	Yes
Macaca sinica (Primates, Cercopithecidae)	Toque Macaque	EN A2cd	Yes
Semnopithecus ajax (Primates, Cercopithecidae)	Himalayan Gray Langur	EN B1ab(iii) + 2ab(iii)	Yes

(continued)

Table 2.19 (continued)

Scientific name (Order, Family)	Common name	Red List category	Endemic?
Trachypithecus geei (Primates, Cercopithecidae)	Gee's Golden Langur	EN A2c; C2a(i)	Yes
Trachypithecus phayrei (Primates, Cercopithecidae)	Phayre's Leaf Monkey	EN A2cd	
Trachypithecus vetulus (Primates, Cercopithecidae)	Purple-faced Langur	EN A2cd + 3cd + 4cd	Yes
Hoolock hoolock (Primates, Hylobatidae)	Western Hoolock Gibbon	EN A2acd + 3cd + 4acd	
Loris tardigradus (Primates, Lorisidae)	Red Slender Loris	EN C2a(i)	Yes
Elephas maximus (Proboscidea, Elephantidae)	Asian Elephant	EN A2c	
Apodemus gurkha (Rodentia, Muridae)	Himalayan Wood Mouse	EN B1ab(iii)	Yes
Hadromys humei (Rodentia, Muridae)	Hume's Rat	EN B1ab(iii) + 2ab(iii)	Yes
Mus famulus (Rodentia, Muridae)	Bonhote's Mouse	EN B1ab(ii,iii)	Yes
Mus fernandoni (Rodentia, Muridae)	Ceylon Spiny Mouse	EN B2ab(iii)	Yes
Rattus burrus (Rodentia, Muridae)	Miller's Nicobar Rat	EN B1ab(iii)	Yes
Rattus montanus (Rodentia, Muridae)	Nillu Rat	EN B1ab(iii) + 2ab(iii)	Yes
Rattus ranjiniae (Rodentia, Muridae)	Ranjini's Field Rat	EN B2ab(iii)	Yes
Vandeleuria nilagirica (Rodentia, Muridae)	Nilgiri Tree Mouse	EN B1ab(iii) + 2ab(iii)	Yes
Vandeleuria nolthenii (Rodentia, Muridae)	Ceylon Highland Tree Mouse	EN B1ab(iii) + 2ab(iii)	Yes
Tupaia nicobarica (Scandentia, Tupaiidae)	Nicobar Treeshrew	EN B1ab(iii)	Yes
Crocidura miya (Soricomorpha, Soricidae)	Sri Lankan Long-tailed Shrew	EN B1ab(iii) + 2ab(iii)	Yes
Crocidura hikmiya (Soricomorpha, Soricidae)	Sinharaja Shrew	EN B1ab(iii) + 2ab(iii)	Yes
Feroculus feroculus (Soricomorpha, Soricidae)	Kelaart's Long-clawed Shrew	EN B1ab(ii,iii) + 2ab(ii,iii)	Yes
Solisorex pearsoni (Soricomorpha, Soricidae)	Pearson's Long-clawed Shrew	EN B1ab(iii) + 2ab(iii)	Yes
Suncus dayi (Soricomorpha, Soricidae)	Day's Shrew	EN B1ab(ii,iii) + 2ab(ii,iii)	Yes

(continued)

Table 2.19 (continued)

Scientific name (Order, Family)	Common name	Red List category	Endemic?
Suncus fellowesgordoni (Soricomorpha, Soricidae)	Ceylon Pygmy Shrew	EN B1ab(iii) + 2ab(iii)	Yes
Suncus zeylanicus (Soricomorpha, Soricidae)	Ceylon Jungle Shrew	EN B2ab(iii)	Yes
Vulnerable			
Bos gaurus (Artiodactyla, Bovidae)	Gaur	VU A2cd + 3cd + 4cd	
Bos mutus (Artiodactyla, Bovidae)	Wild Yak	VU A2ac + 3c + 4c	
Budorcas taxicolor (Artiodactyla, Bovidae)	Takin	VU A2cd	
Gazella subgutturosa (Artiodactyla, Bovidae)	Goitered Gazelle	VU A2ad	
Naemorhedus baileyi (Artiodactyla, Bovidae)	Red Goral	VU C2a(i)	
Naemorhedus griseus (Artiodactyla, Bovidae)	Chinese Goral	VU A2d	
Ovis orientalis (Artiodactyla, Bovidae)	Urial	VU A2cde	
Tetracerus quadricornis (Artiodactyla, Bovidae)	Four-horned Antelope	VU C2a(i)	Yes
Rucervus duvaucelii (Artiodactyla, Cervidae)	Barasingha	VU C1	Yes
Rusa unicolor (Artiodactyla, Cervidae)	Sambar	VU A2cd + 3cd + 4cd	
Ailurus fulgens (Carnivora, Ailuridae)	Red Panda	VU C1	
Neofelis nebulosa (Carnivora, Felidae)	Clouded Leopard	VU C1 + 2a(i)	
Panthera leo (Carnivora, Felidae)	Lion	VU A2abcd	
Pardofelis marmorata (Carnivora, Felidae)	Marbled Cat	VU C1 + 2a(i)	
Prionailurus rubiginosus (Carnivora, Felidae)	Rusty-spotted Cat	VU C2a(i)	Yes
Herpestes fuscus (Carnivora, Herpestidae)	Indian Brown Mongoose	VU A2c	Yes
Aonyx cinerea (Carnivora, Mustelidae)	Oriental Small-clawed Otter	VU A2acd	
Lutrogale perspicillata (Carnivora, Mustelidae)	Smooth-coated Otter	VU A2acd	
Martes gwatkinsii (Carnivora, Mustelidae)	Nilgiri Marten	VU B1ab(iii, iv)	Yes
Vormela peregusna (Carnivora, Mustelidae)	Marbled Polecat	VU A2c	
Helarctos malayanus (Carnivora, Ursidae)	Sun Bear	VU A2cd + 3cd + 4cd	

(continued)

Table 2.19 (continued)

Scientific name (Order, Family)	Common name	Red List category	Endemic?
Melursus ursinus (Carnivora, Ursidae)	Sloth Bear	VU A2cd + 4cd;C1	Yes
Ursus thibetanus (Carnivora, Ursidae)	Asian Black Bear	VU A2cd + 3d + 4d	
Arctictis binturong (Carnivora, Viverridae)	Binturong	VU A2cd	
Neophocaena phocaenoides (Cetacea, Phocoenidae)	Finless Porpoise	VU A2cde	
Physeter macrocephalus (Cetacea, Physeteridae)	Sperm Whale	VU A1d	
Pteropus faunulus (Chiroptera, Pteropodidae)	Nicobar Flying Fox	VU B1ab(i,ii,iii,iv,v) + 2ab(i,ii, iii,iv,v)	Yes
Pteropus melanotus (Chiroptera, Pteropodidae)	Black-eared Flying Fox	VU A2cde	
Rhinolophus mehelyi (Chiroptera, Rhinolophidae)	Mehely's Horseshoe Bat	VU A4c	
Myotis sicarius (Chiroptera, Vespertilionidae)	Mandelli's Mouse-eared Myotis	VU B2ab(iii)	Yes
Rhinoceros unicornis (Perissodactyla, Rhinocerotidae)	Great One-horned Rhinoceros	VU B1ab(iii)	Yes
Macaca arctoides (Primates, Cercopithecidae)	Stump-tailed Macaque	VU A3cd + 4cd	
Macaca leonina (Primates, Cercopithecidae)	Northern Pig-tailed Macaque	VU A2cd + 3cd + 4cd	
Semnopithecus hypoleucos (Primates, Cercopithecidae)	Dark-legged Malabar Langur	VU A2d	Yes
Trachypithecus johnii (Primates, Cercopithecidae)	Nilgiri Langur	VU C2a(i)	Yes
Trachypithecus pileatus (Primates, Cercopithecidae)	Capped Langur	VU A2cd + 3cd	
Nycticebus bengalensis (Primates, Lorisidae)	Bengal Slow Loris	VU A2acd + 3cd + 4acd	
Hoolock leuconedys (Primates, Hylobatidae)	Eastern Hoolock Gibbon	VU A3cd	
Alticola montosa (Rodentia, Cricetidae)	Kashmir Mountain Vole	VU B2ab(iii)	Yes

(continued)

Table 2.19 (continued)

Scientific name (Order, Family)	Common name	Red List category	Endemic?
Hyperacrius fertilis (Rodentia, Cricetidae)	Subalpine Kashmir Vole	VU B2ab(iii)	Yes
Dryomys niethammeri (Rodentia, Gliridae)	Niethammer's Forest Dormouse	VU B1ab(iii)	Yes
Mus mayori (Rodentia, Muridae)	Mayor's Mouse	VU B2ab(iii)	Yes
Rattus palmarum (Rodentia, Muridae)	Car Nicobar Rat	VU D2	
Rattus satarae (Rodentia, Muridae)	Sahyadri's Forest Rat	VU B2ab(i,ii,iii,iv,v)	Yes
Rattus stoicus (Rodentia, Muridae)	Andaman Rat	VU D2	Yes
Srilankamys ohiensis (Rodentia, Muridae)	Ohiya Rat	VU B1ab(iii)+2ab(iii)	Yes
Platacanthomys lasiurus (Rodentia, Platacanthomyidae)	Malabar Spiny Dormouse	VU B2ab(ii,iii)	
Funambulus layardi (Rodentia, Sciuridae)	Layard's Striped Squirrel	VU A3c+4c; B1ab(i,ii,iii)	Yes
Funambulus sublineatus (Rodentia, Sciuridae)	Dusky-striped Squirrel	VU B2ab(i,ii,iii)	Yes
Petaurista nobilis (Rodentia, Sciuridae)	Noble Giant Flying Squirrel	VU A4c	Yes
Dugong dugon (Sirenia, Dugongidae)	Dugong	VU A2bcd	
Crocidura hispida (Soricomorpha, Soricidae)	Andaman Shrew	VU D2	Yes
Suncus montanus (Soricomorpha, Soricidae)	Sri Lankan Highland Shrew	VU B2b(ii,iii)	Yes

[a]As Ayeyarwady River subpopulation
[b]As subspecies *brevicauda*, Data Deficient
[c]As Arabian Sea subpopulation

Chiroptera (6.1%) are threatened to extinction in South Asia. Order Erinaceomorpha is only such in which no species is threatened.

Extinct taxa—*Acinonyx jubatus venaticus* (Griffith, 1821), *Mustela nivalis stoliczkana* Blanford, 1877, *Rhinoceros sondaicus inermis* Lesson, 1840, and *Myotis bucharensis* Kuzyakin, 1950.

The country-wise summary of the red list status of mammals is provided in Table 2.21. In Afghanistan, there are only non-endemic species, of which the non-threatened species are more than the threatened species (111 vs. 8 species), and same is the case with Bangladesh (101 vs. 24 species), Bhutan (81 vs. 29 species), and Maldives (10 vs. 2 species). Endemic mammal species were found only in India (105 species), Sri Lanka (39 species), Pakistan (22 species), and Nepal (21 species).

Table 2.20 Red List status of mammal species of South Asia by taxonomic order

Order	Total[a]	RE	CR	EN	VU	NT	LC	DD	% Threatened	% Extinct or regionally extinct
Proboscidea	1			1					100.0	0.0
Sirenia	1				1				100.0	0.0
Scandentia	3			1			2		33.3	0.0
Primates	28			9	7	4	8		57.2	0.0
Rodentia	135		3	9	12	7	95	9	17.8	0.0
Lagomorpha	14			1			13		7.1	0.0
Erinaceomorpha	5						5		0.0	0.0
Soricomorpha	40		3	7	2		23	5	30.0	0.0
Chiroptera	130	1		4	4		113	8	6.1	0.7
Pholidota	2			1		1			50.0	0.0
Carnivora	65	2	1	5	13	9	34	1	29.3	3.0
Perissodactyla	5	1	1	1	1		1		60.0	20.0
Artiodactyla	40		1	10	11	6	11	1	55.0	0.0
Cetacea	31		1	3	2	1	10	14	19.3	0.0
Total	**500**	**4**	**10**	**52**	**53**	**28**	**315**	**38**	**23.0**	**0.8**

[a]Excluding "Not Evaluated" species

Table 2.21 Country-wise summary of the Red List status of endemic and non-endemic mammal species of South Asia

Country	Total[a]	RE	CR	EN	VU	NT	LC	DD	NE
Afghanistan (124 species)									
Endemic	0	0	0	0	0	0	0	0	0
Non-endemic	124	3	0	3	5	5	106	2	3
Bangladesh (134 species)									
Endemic	0	0	0	0	0	0	0	0	0
Non-endemic	134	0	1	9	14	10	91	9	0
Bhutan (112 species)									
Endemic	0	0	0	0	0	0	0	0	0
Non-endemic	112	1	1	13	15	12	67	4	0
India (426 species)									
Endemic	105	0	8	22	20	9	36	8	2
Non-endemic	321	2	1	18	25	18	232	25	2
Maldives (21 species)									
Endemic	0	0	0	0	0	0	0	0	0
Non-endemic	21	0	0	0	2	0	10	9	0
Nepal (197 species)									
Endemic	21	0	0	3	6	1	9	2	0
Non-endemic	176	0	0	10	9	15	135	7	0
Pakistan (190 species)									
Endemic	22	0	0	2	3	1	14	2	0
Non-endemic	168	1	0	7	9	8	131	13	0
Sri Lanka (122 species)									
Endemic	39	0	0	12	8	3	12	1	3
Non-endemic	83	0	0	6	4	3	56	14	0

[a]Excluding "Regionally Extinct" and "Not Evaluated" species

Among the endemics, maximum threatened species are found in India (50 threatened vs. 45 non-threatened species), Sri Lanka (20 vs. 15 species), Nepal (9 vs. 10 species), and Pakistan (5 vs. 15 species). Among the non-endemics, maximum threatened species are from India (44 species), followed by Nepal (19 species), Pakistan (16 species), and Sri Lanka (10 species). Most endemic data deficient species occur in India (8 species) followed by two species each in Nepal and Pakistan and one species in Sri Lanka, Data deficient non-endemic species were maximum in India (25 species) followed by Sri Lanka (14 species), Pakistan (13 species), and Nepal (7 species).

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