

Mammal Images Library Committee

Committee Members: B. Blood, E. J. Finck, D. G. Huckaby (Chair), B. Huffman, L. L. Master, J. Ryan, J. S. Scheibe, B. P. Tanis, B. M. Zinke.

Mission:

The American Society of Mammalogists first established the Mammal Slide Library in 1977 to provide low-cost slides of mammals principally for educational purposes. The name change to Mammal Images Library (MIL, ca. 2000) reflected the changes in ways that images of mammals are now stored and accessed, as digital images rather than as 35 mm slides. The Mammal Images Library is a nonprofit educational program of the American Society of Mammalogists with the goal of providing images of mammals for use in education worldwide. At the start of 2015 the library contained 2691 digital images representing 28 of 29 mammalian orders, 136 of 154 families, and 1256 of 5500+ species recognized in Wilson and Reeder (2005) and more recent authorities. The images also represent all continents. Images from the library have been used in more than 110,000 instances in 50+ countries. In addition to optical projection for nonprofit instruction, many of the images may be employed (with permission) for other purposes, including commercial uses.

Information Items:

(1) The MIL collection contains only digital images, both those taken originally as such and those scanned from 35 mm slides. A lower-resolution preview of each image of generally 660 x 440 pixels, suitable for some projection or web use, is available on the MIL web page (<http://www.mammalogy.org/image-library>) free of charge and without requiring permission. A copy of the higher resolution image, with or without the label (layer), is available upon request for most of the library. We usually charge a handling fee of \$5 for each high-resolution image sent for non-commercial purposes and a royalty (and handling) fee of \$50 each for commercial usage. Non-commercial users who plead poverty may have the fee waived. All fees now go to the general fund of the society.

(2) The primary focus of the MIL Committee remains making images available to individual users and organizations. During 2019, we provided 35 high-resolution images to 13 users. We have no record of the low-resolution images downloaded directly from the library on the ASM website.

(3) We added 985 new images to the MIL collection during 2019. Among these were 7 families, 2 subfamilies, 62 genera, and 250 species new to the collection (pages 2-4). In addition, we recognized some new taxa and lumped others, which brings the respective totals to 27 orders, 161 families, 863 genera, and 1998 species. These images include 3 subfamilies and families, 9 genera, and 22 species newly described or recognized since Wilson and Reeder (2005).

(4) At the end of 2019, the MIL collection lacked images of 3 families, 14 subfamilies, and ca. 69% of the 6495 species (pages 4-8) recognized in the ASM Mammal Diversity Database (<https://mammaldiversity.org/>). We encourage all interested parties to consider contributing their high-quality images to the MIL. Please review our holdings on the MIL web page (<http://www.mammalogy.org/image-library>) to determine if some images from your personal collection could improve the scope and quality of the collection. Anyone interested in submitting images should contact the committee chair.

(5) Starting in 2012, BP Tanis has provided mammal image postings on Mondays and Thursdays for ASM's Facebook, Google+, and Twitter (search for #MondayMammal and #MammalTrivia on our social media accounts).

(6) During 2019, no one joined or left the committee.

(7) This committee thanks the Department of Biological Sciences, California State University, Long Beach, for providing computer services and an office for the chair of this committee, without which maintenance of the library would have been much more difficult. These services include the use of a desk computer and advice and work by a computer technician.

TAXA ADDED TO THE MIL DURING 2019

Those with an asterisk are newly named or recognized since Wilson and Reeder (2005)

Families or subfamilies

- | | |
|-------------------|-------------------|
| 1. Cetotheriidae | 6. Rhinopomatidae |
| 2. Euchoreutinae | 7. Sminthidae* |
| 3. Helictidinae* | 8. Thryonomyidae |
| 4. Iniidae | 9. Zenkerellidae* |
| 5. Pontoporiidae* | |

Genera

- | | |
|--------------------------|------------------------|
| 1. <i>Acerodon</i> | 11. <i>Craseomys</i> * |
| 2. <i>Allactaga</i> | 12. <i>Crateromys</i> |
| 3. <i>Allocricetulus</i> | 13. <i>Desmana</i> |
| 4. <i>Alticola</i> | 14. <i>Diclidurus</i> |
| 5. <i>Arabitragus</i> * | 15. <i>Dobsonia</i> |
| 6. <i>Atherurus</i> | 16. <i>Doryrhina</i> * |
| 7. <i>Atopogale</i> | 17. <i>Dryomys</i> |
| 8. <i>Brachyteles</i> | 18. <i>Ellobius</i> |
| 9. <i>Caperea</i> | 19. <i>Epixerus</i> |
| 10. <i>Cardiocranius</i> | 20. <i>Epomops</i> |

21. *Euchoreutes*
22. *Eudiscopus*
23. *Eutamias**
24. *Euxerus**
25. *Fukomys**
26. *Funisciurus*
27. *Galagoides**
28. *Gerbillus*
29. *Heliophobius*
30. *Heterogeomys**
31. *Histiopus*
32. *Hydromys*
33. *Ictonyx*
34. *Idionycteris*
35. *Inia*
36. *Lagurus*
37. *Lasiopodomys*
38. *Lemmus*
39. *Manis*
40. *Melogale*
41. *Micropteropus*

42. *Microsciurus*
43. *Nesokia*
44. *Orientalia**
45. *Orthogeomys*
46. *Penthetor*
47. *Peponocephala*
48. *Petinomys*
49. *Pontoporia*
50. *Praomys*
51. *Psammomys*
52. *Pteromys*
53. *Rhinopoma*
54. *Sicista*
55. *Sotalia*
56. *Sousa*
57. *Spalax*
58. *Sphaerius*
59. *Styloctenium*
60. *Thoopterus*
61. *Thryonomys*
62. *Zenkerella*

Species

1. *Acerodon celebensis*
2. *Acomys cilicicus*
3. *Acomys cineraceus*
4. *Acomys dimidiatus*
5. *Acomys minous*
6. *Acomys percivali*
7. *Acomys seurati*
8. *Acomys spinosissimus*
9. *Acomys cf. wilsoni*
10. *Alexandromys fortis*
11. *Allactaga major*
12. *Allochrocebus solatus*
13. *Allocrietulus curtatus*
14. *Alouatta sara*
15. *Alticola argentatus*
16. *Alticola barakshin*
17. *Alticola semicanus*
18. *Alticola strelzowi*
19. *Apodemus alpicola*
20. *Arabitragus jayakari*
21. *Arvicanthus neumanni*

22. *Ateles belzebuth*
23. *Atherurus africanus*
24. *Atopogale cubana*
25. *Bassaricyon gabbii*
26. *Bassariscus sumichrasti*
27. *Brachyteles arachnoides*
28. *Calomyscus mystax*
29. *Caperea marginata*
30. *Capreolus pygargus*
31. *Caracal aurata*
32. *Cardiocranium paradoxus*
33. *Carollia sowelli*
34. *Cavia magna*
35. *Cercocebus lunulatus*
36. *Cercopithecus campbelli*
37. *Cervus alfredi*
38. *Cervus hortulorum**
39. *Cervus maral**
40. *Cervus nippon*
41. *Coendou bicolor*
42. *Colobus satanas*

43. *Corynorhinus mexicanus*
44. *Craseomys rufocanus*
45. *Crateromys heaneyi*
46. *Cricetulus longicaudatus*
47. *Cricetulus migratorius*
48. *Cricetulus sokolovi*
49. *Cuniculus taczanowskii*
50. *Cyclopes didactylus*
51. *Cynopterus horsfieldii*
52. *Dasyprocta cf. guamara*
53. *Dasyprocta prymnolopha*
54. *Dermanura tolteca*
55. *Desmana moschata*
56. *Diclidurus albus*
57. *Dobsonia exoleta*
58. *Doryrhina cyclops*
59. *Dryomys nitedula*
60. *Eliomys melanurus*
61. *Ellobius fuscopapillus*
62. *Ellobius talpinus*
63. *Ellobius tancrei*
64. *Epixerus ebii*
65. *Epomops buettikoferi*
66. *Epomops franqueti*
67. *Eubalaena japonica*
68. *Euchoreutes naso*
69. *Eudiscopus denticulus*
70. *Eudorcas rufifrons*
71. *Eudorcas tilonura**
72. *Eumops auripendulus*
73. *Eutamias sibiricus*
74. *Euxerus erythropus*
75. *Fukomys anelli*
76. *Fukomys darlingi*
77. *Fukomys mechowi*
78. *Funisciurus pyrropus*
79. *Galago senegalensis*
80. *Galagoides demidovii*
81. *Galidictis grandidieri*
82. *Gazella acaciae**
83. *Gazella erlangeri*
84. *Gazella gazella*
85. *Gazella pelzelni**
86. *Genetta thierryi*
87. *Geocapromys brownii*
88. *Geosciurus princeps*
89. *Gerbillus campestris*
90. *Gerbillus dasyurus*
91. *Gerbillus floweri*
92. *Gerbillus nanus*
93. *Giraffa antiquorum**
94. *Glischropus tylopus*
95. *Glossophaga commissarici*
96. *Graphiurus kelleni*
97. *Graphiurus lorraineus*
98. *Graphiurus nagtglasii*
99. *Hapalemur alaotrensis*
100. *Heliophobius argentocinereus*
101. *Hesperoptenus tomesi*
102. *Heterogeomys hispidus*
103. *Hipposideros alongensis**
104. *Hipposideros coxi*
105. *Histiopus magellanicus*
106. *Hydromys chrysogaster*
107. *Hylobates klossii*
108. *Hypsugo alaschanicus*
109. *Hystrix africaeaustralis*
110. *Hystrix pumila*
111. *Ictonyx libyca*
112. *Idionycteris phyllotis*
113. *Inia geoffrensis*
114. *Lagurus lagurus*
115. *Lasiopodomys brandtii*
116. *Lasiopodomys mandarinus*
117. *Lasiurus blossevillii*
118. *Lasiurus castaneus*
119. *Lemmus lemmus*
120. *Lemniscomys barbarus*
121. *Lemniscomys striatus*
122. *Lepus brachyurus*
123. *Lepus europaeus*
124. *Lepus timidus*
125. *Lycalopex sechurae*
126. *Macaca assamensis*
127. *Macaca maura*
128. *Macaca pagensis*
129. *Macaca siberu*
130. *Macaca tonkeana*
131. *Macroglossus sobrinus*
132. *Madoqua phillipsi**

133. *Madoqua piacentinii*
134. *Manis javanica*
135. *Manis pentadactyla*
136. *Marmota bobak*
137. *Marmota sibirica*
138. *Mazama nemorivaga*
139. *Melogale moschata*
140. *Meriones libycus*
141. *Meriones meridianus*
142. *Meriones persicus*
143. *Meriones sacramenti*
144. *Meriones tamariscinus*
145. *Meriones tristrami*
146. *Meriones vinogradovi*
147. *Micronycteris microtis*
148. *Micropteropus pusillus*
149. *Microsciurus alfari*
150. *Microtus afghanus*
151. *Microtus cabrerai*
152. *Microtus guentheri*
153. *Microtus ilaeus*
154. *Microtus obscurus*
155. *Muntiacus muntjac*
156. *Murina peninsularis**
157. *Moschiola kathygre**
158. *Mus mattheyi*
159. *Mustela lutreola*
160. *Myodes centralis*
161. *Myodes rutilus*
162. *Myotis laniger*
163. *Myotis planiceps*
164. *Nemorhaedus goral*
165. *Neotamias dorsalis*
166. *Neotoma magister*
167. *Nesokia indica*
168. *Nycteris tragata*
169. *Ochotona dauurica*
170. *Ochotona rutila*
171. *Oecomys superans*
172. *Orientallactaga balikunica*
173. *Orientallactaga bullata*
174. *Orthogeomys grandis*
175. *Ovis bochariensis**
176. *Ovis collium**
177. *Ovis karelini**
178. *Papio papio*
179. *Paraxerus poensis*
180. *Pedetes surdaster*
181. *Penthetor lucasi*
182. *Perodicticus edwardsi**
183. *Peponocephala electra*
184. *Petaurista alborufus*
185. *Petinomys genibarbis*
186. *Phaner furcifer*
187. *Philantomba congica**
188. *Phodopus campbelli*
189. *Piliocolobus badius*
190. *Pithecia irrorata*
191. *Platyrrhinus infuscatus*
192. *Plecturocebus oenanthe*
193. *Pontoporia blainvillei*
194. *Praomys tullbergi*
195. *Presbytis comata*
196. *Presbytis melalophos*
197. *Propithecus coronatus*
198. *Psammomys obesus*
199. *Pteromys volans*
200. *Pusa hispida*
201. *Rhinolophus marshalli*
202. *Rhinolophus microglobosus**
203. *Rhinolophus refulgens*
204. *Rhinolophus thailandensis**
205. *Rhinopoma cystops**
206. *Rhogeessa io*
207. *Salpingotus crassicauda*
208. *Sapajus xanthosternos*
209. *Scarturus tetradactylus*
210. *Sciurocheirus makandensis**
211. *Sciurus anomalus*
212. *Sciurus nayaritensis*
213. *Sciurus yucatanensis*
214. *Semnopithecus hector*
215. *Semnopithecus hypoleucos*
216. *Semnopithecus schistaceus*
217. *Sicista subtilis*
218. *Smutsia gigantea*
219. *Sorex fumeus*
220. *Sorex hoyi*
221. *Sotalia guianensis**
222. *Sousa chinensis*

223. *Spalax graecus*
224. *Spalax microphthalmus*
225. *Spalax zemni*
226. *Spermophilus alashanicus*
227. *Spermophilus fulvus*
228. *Spermophilus major*
229. *Spermophilus cf. pygmaeus*
230. *Sphaerius blanfordi*
231. *Sturnira oporaphilum*
232. *Styloctenium wallacei*
233. *Stylodipus telum*
234. *Sus verrucosus*
235. *Sylvilagus andinus*
236. *Sylvilagus bachmani*

237. *Sylvilagus obscurus*
238. *Syncerus brachyceros**
239. *Thallomys loringi*
240. *Thomasomys ischyryus*
241. *Thomomys clusius*
242. *Thoopterus nigrescens*
243. *Thryonomys swinderianus*
244. *Tragelaphus phaleratus**
245. *Tragulus nigricans*
246. *Typhlomys chapensis**
247. *Urocitellus undulatus*
248. *Vulpes cana*
249. *Zaglossus bartoni*
250. *Zenkerella insignis*

DESIDERATA LIST, 31 DECEMBER 2019
MAMMAL IMAGES LIBRARY
AMERICAN SOCIETY OF MAMMALOGISTS

The following taxa are not represented in the library.

Families and subfamilies

The MIL does not have images of any member of these families:

1. Cistugidae (Chiroptera) - formerly in Vespertilionidae: *Cistugo*, wing-gland bats
2. Diatomyidae (Rodentia): *Laonastes aenigmamus*, Laotian Rock-rat or Kha-nyou
3. Potamogalidae (Afrosoricida) - formerly in Tenrecidae:
Potamogale velox, Giant Otter Shrew
Micropotamogale, otter shrews

The MIL does not have images of any member of these subfamilies.

1. Dactylomyiinae (Rodentia: Echimyidae):
Dactylomys, bamboo rats
Kannabateomys amblyonyx, Atlantic Bamboo Rat
Olallamys, olalla rats
2. Delanymyinae (Rodentia: Nesomyidae): *Delanymys brooksi*, Delany's Swamp Mouse
3. Echymiperinae (Peramelemorphia: Peramelidae)
Echymipera, New Guinean spiny bandicoots
Microperoryctes, bandicoots
Rhynchomeles prattorum, Seram Bandicoot
4. Geogalinae (Afrosoricida: Tenrecidae) *Geogale aurita*, Large-eared Tenrec
5. Hyladelphinae (Didelphimorphia: Didelphidae): *Hyladelphys kalinowskii*, Kalinowski's Mouse Opossum
6. Leimycomyinae (Rodentia: Muridae): *Leimacomys buttneri*, Büttner's African Forest Mouse
7. Lophiomyinae (Rodentia: Cricetidae): *Lophiomys imhausi*, Maned Rat
8. Myadinae (Carnivora: Mephitidae): *Mydaus* (Mustelidae), stink badgers
9. Mystromyinae (Rodentia: Nesomyidae): *Mystromys albicaudatus*, African White-tailed Rat
10. Notopterinae (Chiroptera: Pteropodidae): *Notopteris*, long-tailed fruit bats
11. Rhinophyllinae (Chiroptera: Phyllostomidae): *Rhinophylla*, little fruit bats
12. Sciurillinae (Rodentia: Sciuridae): *Sciurillus pusillus*, Neotropical Pygmy Squirrel
13. Tomopeatinae (Chiroptera: Molossidae): *Tomopeas ravus*, Blunt-eared Bat
14. Uropsilinae (Eulipotyphla: Talpidae): *Uropsilus*, shrew moles

Other Genera

Genera not in the families or subfamilies above and also not in either Rodentia or Chiroptera that are not represented in the MIL. Monotypic genera have the species given.

Afrosoricida

1. *Calcochloris* (Chrysochloridae), golden moles
2. *Carpitalpa arendsi* (Chrysochloridae), Arend's Golden Mole
3. *Chlorotalpa* (Chrysochloridae), golden moles
4. *Chrysochloris* (Chrysochloridae), golden moles
5. *Cryptochloris* (Chrysochloridae), golden moles
6. *Neamblysomus* (Chrysochloridae), golden moles
7. *Oryzorictes* (Tenrecidae), rice tenrecs

Artiodactyla

1. *Berardius* (Ziphiidae), beaked whales
2. *Feresa attenuata* (Delphinidae), Pygmy Killer Whale
3. *Hyperoodon* (Ziphiidae), bottlenose whales
4. *Indopacetus pacificus* (Ziphiidae), Tropical Bottlenose Whale
5. *Lagenodelphis hosei* (Delphinidae), Fraser's Dolphin
6. *Neophocaena phocaenoides* (Phocoenidae), Finless Porpoise
7. *Orcaella brevirostris* (Delphinidae), Irrawady Dolphin

Carnivora

1. *Cynogale bennettii* (Viverridae), Otter Civet
2. *Bdeogale* (Carnivora: Herpestidae), mongooses
3. *Diplogale hosei* (Viverridae), Hose's Palm Civet
4. *Dologale dybowskii* (Herpestidae), Pousargues's Mongoose
5. *Dusicyon australis* (Canidae), Falkland Islands Wolf
6. *Eupleres goudotii* (Eupleridae), Falanouc
7. *Histiophoca fasciata* (Phocidae), Ribbon Seal
8. *Liberiictis kuhni* (Herpestidae), Liberian Mongoose
9. *Lyncodon patagonicus* (Mustelidae), Patagonian Weasel
10. *Macrogalidia musschenbroekii* (Viverridae), Sulawesi Palm Civet
11. *Monachus monachus* (Phocidae), Mediterranean Monk Seal
12. *Phocarctos hookeri* (Otariidae), New Zealand Sea Lion
13. *Poecilogale albinucha* (Mustelidae), African Striped Weasel
14. *Poiana* (Viverridae), linsangs
15. *Rhynchogale melleri* (Herpestidae), Meller's Mongoose
16. *Salanoia concolor* (Eupleridae), Brown-tailed Mongoose or Vontsira
17. *Xenogale naso* (Herpestidae), Long-nosed Mongoose

Dasyuromorphia

1. *Dasyercus* (Dasyuridae), mulgaras
2. *Dasykaluta rosamondae* (Dasyuridae), Little Red Kaluta
3. *Murexia* (Dasyuridae), dasyures
4. *Myoictis* (Dasyuridae), dasyures
5. *Neophascogale lorentzi* (Dasyuridae), Speckled Dasyure
6. *Ningauui* (Dasyuridae), ningauis
7. *Phascolosorex* (Dasyuridae), marsupial shrews
8. *Pseudantechinus* (Dasyuridae), false antechinuses

Didelphimorphia

1. **Chacodelphys formosa**, *Pygmy Opossum*
2. *Lestodelphys halli*, Patagonian Opossum
3. *Tlacuatzin*, mouse opossums

Diprotodontia

1. *Caloprymnus campestris* (Potoroidae), Desert Rat-kangaroo
2. *Distoechurus pennatus* (Acrobatidae), Feather-tailed Possum
3. *Dorcopsulus* (Macropodidae), New Guinean forest mountain wallabies
4. *Petauroides* (Pseudocheiridae), greater gliders
5. *Petropseudes dahli*, (Pseudocheiridae), Rock-haunting Ringtail
6. *Pseudochirulus*, (Pseudocheiridae), ringtails
7. *Wyulda squamicaudata* (Phalangeridae), Scaly-tailed Possum

Eulipotyphla

1. *Anourosorex* (Soricidae), mole shrews
2. *Atopogale cubana* (Solenodontidae), Cuban Solenodon
3. *Chodsigoa* (Soricidae), shrews
4. *Congosorex* (Soricidae), Congo shrews
5. *Dymecodon pilirostris* (Talpidae), True's Shrew Mole
6. *Euroscaptor* (Talpidae), moles
7. *Feroculus feroculus* (Soricidae), Kelaart's Long-clawed Shrew
8. *Galemys pyrenaicus* (Talpidae), Pyrenean Desman
9. *Hylomys* (Erinaceidae), gymnures
10. *Megasorex gigas* (Soricidae), Mexican Shrew
11. *Mesechinus* (Erinaceidae), hedgehogs
12. *Mogera* (Talpidae), moles
13. *Neohylomys hainanensis* (Erinaceidae), Hainan Gymnure
14. *Neotetracus sinensis* (Erinaceidae), Shrew Gymnure
15. *Oreoscaptor mizura* (Talpidae), Japanese Mountain Mole
16. *Paracrocidura* (Soricidae), large-headed shrews
17. *Podogymnura* (Erinaceidae), gymnures
18. *Ruwenzorisorex suncoides* (Soricidae), Ruwenzori Shrew
19. *Scaptochirus moschatus* (Talpidae), Short-faced Mole
20. *Scutisorex* (Soricidae), hero shrews
22. *Solisorex pearsoni* (Soricidae), Pearson's Long-clawed Shrew
23. *Soriculus nigrescens* (Soricidae), Himalayan Shrew
24. *Surdisorex* (Soricidae), mole shrews
25. *Sylvisorex* (Soricidae), forest shrews
26. *Urotrichus talpoides* (Talpidae), Japanese Shrew Mole

Lagomorpha

1. *Caprolagus hispidus* (Leporidae), Hispid Hare
2. *Nesolagus* (Leporidae), striped rabbits
3. *Pentalagus furnessi* (Leporidae), Amami Rabbit

4. *Poelagus marjorita* (Leporidae), Bunyoro Rabbit

Primates

1. *Allocebus trichotis* (Cheirogaleidae), Hairy-eared Dwarf Lemur
2. *Callicebus* (Pitheciidae), titis
3. *Cheracebus* (Pitheciidae), titis
4. *Leontocebus fuscus* - Lesson's Saddle-backed Tamarin
5. *Pseudopotto martini* (Lorisidae), False Potto
6. *Simias concolor* (Cercopithecidae), Simakobou

Scandentia

1. *Anathana ellioti* (Tupaiaidae), Madras Treeshrew
2. *Dendrogale* (Tupaiaidae), smooth-tailed treeshrews

Respectfully submitted,
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