

Mammals of Lowland Sabah

A field checklist of mammal species recorded in lowland dipterocarp and riverine forest across Sabah, Borneo
— Kinabatangan, Danum Valley, Tabin, Deramakot and similar sites.

Primates

- ☐ **Bornean Orangutan**
Pongo pygmaeus
- ☐ **Proboscis Monkey**
Nasalis larvatus
- ☐ **Silvered Langur**
Trachypithecus cristatus
- ☐ **Red Leaf Monkey (Maroon Langur)**
Presbytis rubicunda
- ☐ **Long-tailed Macaque**
Macaca fascicularis
- ☐ **Southern Pig-tailed Macaque**
Macaca nemestrina
- ☐ **Bornean Gibbon**
Hylobates muelleri
- ☐ **Western Tarsier**
Cephalopachus bancanus
- ☐ **Philippine Slow Loris**
Nycticebus menagensis
- ☐ **Sabah Grey Langur**
Presbytis sabana

Carnivores

- ☐ Sunda Clouded Leopard
Neofelis diardi
- ☐ Bornean Bay Cat
Catopuma badia
- ☐ Leopard Cat
Prionailurus bengalensis
- ☐ Marbled Cat
Pardofelis marmorata
- ☐ Flat-headed Cat
Prionailurus planiceps
- ☐ Sun Bear
Helarctos malayanus
- ☐ Malay Civet
Viverra zangalla
- ☐ Island Palm Civet
Paradoxurus philippinensis
- ☐ Masked Palm Civet
Paguma larvata
- ☐ Bornean Striped Palm Civet
Arctogalidia stigmatica
- ☐ Banded Palm Civet
Hemigalus derbyanus
- ☐ Otter Civet
Cynogale bennettii
- ☐ Binturong
Arctictis binturong
- ☐ Malay Weasel
Mustela nudipes
- ☐ Yellow-throated Marten
Martes flavigula
- ☐ Hairy-nosed Otter
Lutra sumatrana
- ☐ Smooth-coated Otter
Lutrogale perspicillata
- ☐ Oriental Small-clawed Otter
Aonyx cinereus
- ☐ Sunda Stink Badger
Mydaus javanensis
- ☐ Banded Linsang
Prionodon linsang
- ☐ Short-tailed Mongoose
Herpestes brachyurus
- ☐ Collared Mongoose
Herpestes semitorquatus

Ungulates & Megafauna

- ☐ Bornean Elephant
Elephas maximus borneensis
- ☐ Bornean Bearded Pig
Sus barbatus
- ☐ Sambar Deer
Rusa unicolor
- ☐ Red Muntjac
Muntiacus muntjac
- ☐ Bornean Yellow Muntjac
Muntiacus atherodes
- ☐ Greater Mouse-deer
Tragulus napu
- ☐ Lesser Mouse-deer
Tragulus kanchil
- ☐ Banteng
Bos javanicus

Pangolin & Colugo

- ☐ Sunda Pangolin
Manis javanica
- ☐ Sunda Colugo (Flying Lemur)
Galeopterus variegatus

Squirrels

- ☐ Sunda Giant Squirrel
Ratufa affinis
- ☐ Prevost's Squirrel
Callosciurus prevostii
- ☐ Plantain Squirrel
Callosciurus notatus
- ☐ Black-banded Squirrel
Callosciurus nigrovittatus
- ☐ Low's Squirrel
Sundasciurus lowii
- ☐ Horse-tailed Squirrel
Sundasciurus hippurus
- ☐ Tufted Ground Squirrel
Rheithrosciurus macrotis
- ☐ Red Giant Flying Squirrel
Petaurista petaurista
- ☐ Black Flying Squirrel
Aeromys tephromelas
- ☐ Ear-spot Squirrel
Callosciurus adamsi
- ☐ Slender Squirrel
Sundasciurus tenuis
- ☐ Jentink's Squirrel
Sundasciurus jentinki
- ☐ Three-striped Ground Squirrel
Lariscus insignis
- ☐ Four-striped Ground Squirrel
Lariscus hosei
- ☐ Brooke's Squirrel
Sundasciurus brookei
- ☐ Least Pygmy Squirrel
Exilisciurus exilis
- ☐ Shrew-faced Squirrel
Rhinosciurus laticaudatus
- ☐ Hose's Pygmy Flying Squirrel
Petaurillus hosei
- ☐ Lesser Pygmy Flying Squirrel
Petaurillus emiliae
- ☐ Thomas' Flying Squirrel
Aeromys thomasi
- ☐ Horsfield's Flying Squirrel
Iomys horsfieldii
- ☐ Grey-cheeked Flying Squirrel
Hylopetes lepidus
- ☐ Hagen's Flying Squirrel
Petinomys hageni

- ☐ **Whiskered Flying Squirrel**
Petinomys genibarbis
- ☐ **Vordermann's Flying Squirrel**
Petinomys vordermanni
- ☐ **Temminck's Flying Squirrel**
Petinomys setosus
- ☐ **Red-cheeked Flying Squirrel**
Hylopetes spadiceus
- ☐ **Smokey Flying Squirrel**
Pteromyscus pulverulentus
- ☐ **Spotted Giant Flying Squirrel**
Petaurista elegans

Tree shrews

- ☐ **Common Tree shrew**
Tupaia glis
- ☐ **Lesser Tree shrew**
Tupaia minor
- ☐ **Large Tree shrew**
Tupaia tana
- ☐ **Pen-tailed Tree shrew**
Ptilocercus lowii
- ☐ **Slender Tree shrew**
Tupaia gracilis
- ☐ **Striped Tree shrew**
Tupaia dorsalis

Shrews & Moonrats

- ☐ **Moonrat**
Echinosorex gymnura
- ☐ **Asian House Shrew**
Suncus murinus
- ☐ **Pygmy White-toothed Shrew**
Suncus etruscus
- ☐ **Sunda Shrew**
Crocidura monticola
- ☐ **South Eastern White-toothed Shrew**
Crocidura fuliginosa

Rats, Mice & Porcupines

- ☐ **Long-tailed Giant Rat**
Leopoldamys sabanus
- ☐ **Malaysian Field Rat**
Rattus tiomanicus
- ☐ **Malayan Porcupine**
Hystrix brachyura
- ☐ **Thick-spined Porcupine**
Hystrix crassispinus
- ☐ **Black Rat**
Rattus rattus
- ☐ **Ricefield Rat**
Rattus argentiventer
- ☐ **Polynesian Rat**
Rattus exulans
- ☐ **Brown Rat**
Rattus norvegicus
- ☐ **Muller's Giant Sunda Rat**
Sundamys muelleri
- ☐ **Dark-tailed Tree Rat**
Niviventer cremoriventer
- ☐ **Rajah Spiny Rat**
Maxomys rajah
- ☐ **Red Spiny Rat**
Maxomys surifer
- ☐ **Chestnut-bellied Spiny Rat**
Maxomys ochraceiventer
- ☐ **Small Spiny Rat**
Maxomys baeodon
- ☐ **Whitehead's Spiny Rat**
Maxomys whiteheadi
- ☐ **Grey Tree Rat**
Lenothrix canus
- ☐ **Asian House Mouse**
Mus castaneus
- ☐ **Indomalayan Pencil-tailed Tree Mouse**
Chiropodomys gliroides
- ☐ **Large Pencil-tailed Tree Mouse**
Chiropodomys major
- ☐ **Ranee Mouse**
Haeromys margarettae
- ☐ **Long-tailed Porcupine**
Trichys fasciculata

Bats

- ☐ **Large Flying Fox**
Pteropus vampyrus
- ☐ **Island Flying Fox**
Pteropus hypomelanus
- ☐ **Cave Nectar Bat**
Eonycteris spelaea
- ☐ **Lesser Short-nosed Fruit Bat**
Cynopterus brachyotis
- ☐ **Diadem Roundleaf Bat**
Hipposideros diadema
- ☐ **Wrinkle-lipped Free-tailed Bat**
Chaerephon plicatus
- ☐ **Geoffrey's Rousette**
Rousettus amplexicaudatus
- ☐ **Bare-backed Rousette**
Rousettus spinalatus
- ☐ **Horsfield's Fruit Bat**
Cynopterus horsfieldii
- ☐ **Dusky Fruit Bat**
Penthetor lucasi
- ☐ **Tailless Fruit Bat**
Megaerops ecaudatus
- ☐ **Spot-winged Fruit Bat**
Balionycteris maculata
- ☐ **Greater Nectar Bat**
Eonycteris major
- ☐ **Long-tongued Nectar Bat**
Macroglossus minimus
- ☐ **Small Asian Sheath-tailed Bat**
Emballonura alecto
- ☐ **Lesser Sheath-tailed Bat**
Emballonura monticola
- ☐ **Black-bearded Tomb Bat**
Taphozous melanopogon
- ☐ **Long-winged Tomb Bat**
Taphozous longimanus
- ☐ **Lesser False Vampire Bat**
Megaderma spasma
- ☐ **Malayan Slit-faced Bat**
Nycteris tragata
- ☐ **Bornean Horseshoe Bat**
Rhinolophus borneensis
- ☐ **Acuminate Horseshoe Bat**
Rhinolophus acuminatus
- ☐ **Creagh's Horseshoe Bat**
Rhinolophus creaghi

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| ☐ Large-eared Horseshoe Bat
<i>Rhinolophus philippinensis</i> | ☐ Java Pipistrelle
<i>Pipistrellus javanicus</i> | ☐ Gilded Tube-nosed Bat
<i>Murina rozendaali</i> |
| ☐ Trefoil Horseshoe Bat
<i>Rhinolophus trifolius</i> | ☐ Least Pipistrelle
<i>Pipistrellus tenuis</i> | ☐ Brown Tube-nosed Bat
<i>Murina suilla</i> |
| ☐ Lesser Woolly Horseshoe Bat
<i>Rhinolophus sedulus</i> | ☐ Kelaart's Pipistrelle
<i>Pipistrellus ceylonicus</i> | ☐ Papillose Woolly Bat
<i>Kerivoula papillosa</i> |
| ☐ Dusky Leaf-nosed Bat
<i>Hipposideros ater</i> | ☐ Red-brown Pipistrelle
<i>Hypsugo kitcheneri</i> | ☐ Hardwicke's Woolly Bat
<i>Kerivoula hardwickii</i> |
| ☐ Bicoloured Roundleaf Bat
<i>Hipposideros bicolor</i> | ☐ Peter's Pipistrelle
<i>Falsistrellus petersi</i> | ☐ Clear-winged Woolly Bat
<i>Kerivoula pellucida</i> |
| ☐ Ashy Roundleaf Bat
<i>Hipposideros cineraceus</i> | ☐ Brown Pipistrelle
<i>Hypsugo imbricatus</i> | ☐ Small Woolly Bat
<i>Kerivoula intermedia</i> |
| ☐ Dayak Roundleaf Bat
<i>Hipposideros dyacorum</i> | ☐ Big-eared Pipistrelle
<i>Hypsugo macrotis</i> | ☐ Least Woolly Bat
<i>Kerivoula minuta</i> |
| ☐ Borneo Roundleaf Bat
<i>Hipposideros doriae</i> | ☐ Common Thick-thumbed Bat
<i>Glischropus tylopus</i> | ☐ Whitehead's Woolly Bat
<i>Kerivoula whiteheadi</i> |
| ☐ Ridley's Leaf-nosed Bat
<i>Hipposideros ridleyi</i> | ☐ Rohu's Bat
<i>Philetor brachypterus</i> | ☐ Lenis Woolly Bat
<i>Kerivoula lenis</i> |
| ☐ Fawn Leaf-nosed Bat
<i>Hipposideros cervinus</i> | ☐ False Serotine Bat
<i>Hesperoptenus doriae</i> | ☐ Peter's Trumpet-eared Bat
<i>Phoniscus jagorii</i> |
| ☐ Cantor's Roundleaf Bat
<i>Hipposideros galeritus</i> | ☐ Blanford's Bat
<i>Hesperoptenus blanfordi</i> | ☐ Groove-toothed Bat
<i>Phoniscus atrox</i> |
| ☐ Wall Roosting Mouse-eared Bat
<i>Myotis muricola</i> | ☐ Large False Bat
<i>Hesperoptenus tomesi</i> | ☐ Western Bent-winged Bat
<i>Miniopterus magnater</i> |
| ☐ Peter's Myotis
<i>Myotis ater</i> | ☐ Greater Bamboo Rat
<i>Tylonycteris robustula</i> | ☐ Common Bent-winged Bat
<i>Miniopterus schreibersii</i> |
| ☐ Burmese Whiskered Bat
<i>Myotis montivagus</i> | ☐ Lesser Bamboo Rat
<i>Tylonycteris pachypus</i> | ☐ Small Bent-winged Bat
<i>Miniopterus pusillus</i> |
| ☐ Ridley's Bat
<i>Myotis ridleyi</i> | ☐ Lesser Asiatic Yellow Bat
<i>Scotophilus kuhlii</i> | ☐ Intermediate Long-fingered Bat
<i>Miniopterus medius</i> |
| ☐ Horsfield's Bat
<i>Myotis horsfieldii</i> | ☐ Round-eared Tube-nosed Bat
<i>Murina cyclotis</i> | ☐ Little Bent-winged Bat
<i>Miniopterus australis</i> |
| ☐ Lesser Large-footed Bat
<i>Myotis hasseltii</i> | ☐ Bronze Tube-nosed Bat
<i>Murina aenea</i> | ☐ Naked Bat
<i>Cheiromeles torquatus</i> |

☐ **Malayan Free-tailed Bat**
Mops mops