**Table S1.** Locality records (*n* = 148) of 31 confirmed bats of Bangladesh.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Family** | **Species** | **North (decimal degree)**  | **East (decimal degree)**  | **Locality Description** | **Source(s) of Records\***  | **Basis of Record/ MeasurementOrFact**  | **Catalog Number/ Occurrence ID in GBIF** |
| Pteropodidae | *Cynopterus brachyotis*  | 23.7 | 90.4 | Banani Superb, Dhaka | FMNH | PreservedSpecimen | 155692 - 155696 |
| Pteropodidae | *Cynopterus sphinx*  | unknown | unknown | Bangladesh  | NHMUK | PreservedSpecimen | ZD 1981.29 |
| Pteropodidae | *Cynopterus sphinx*  | unknown | unknown | Bangladesh | [7,9] | MachineObservation |  |
| Pteropodidae | *Cynopterus sphinx*  | 23.71 | 90.41 | Dhaka | FMNH | PreservedSpecimen | 54985 - 54986 |
| Pteropodidae | *Cynopterus sphinx*  | 23.88 | 90.26 | Jahangirnagar University  | [13,75] | MeasurementOrFact |  |
| Pteropodidae | *Cynopterus sphinx*  | 23.88 | 90.26 | Jahangirnagar University  | [74] | MeasurementOrFact |  |
| Pteropodidae | *Cynopterus sphinx*  | 24.38 | 90.04 | Jalchatra, Tangail | [3] | MaterialCitation |  |
| Pteropodidae | *Cynopterus sphinx*  | 24.09 | 89.04 | Pabna | [3] | MaterialCitation |  |
| Pteropodidae | *Cynopterus sphinx*  | 23.53 | 90.17 | Savar farm, Dhaka | [3] | MaterialCitation |  |
| Pteropodidae | *Cynopterus sphinx*  | 25.06 | 92.08 | Jaintiapur, Sylhet | [3] | MaterialCitation |  |
| Pteropodidae | *Cynopterus sphinx*  | 24.39 | 88.61 | Rajshahi | [22] | PreservedSpecimen |  |
| Pteropodidae | *Eonycteris spelaea* | 21.0 | 92.1 | Kudum cave, Cox's Bazar | [7,9] | MachineObservation |  |
| Pteropodidae | *Macroglossus sobrinus* | 24.08 | 91.01 | Bhairab Sub district, Kishorganj | [35] | PreservedSpecimen | WLMA0012 |
| Pteropodidae | *Megaerops niphanae* | 22.36 | 91.80 | Bangladesh Agriculture Research Institute, Chittagong | [31] | MaterialSample |  |
| Pteropodidae | *Pteropus medius* | unknown | unknown | Bangladesh | [7,9] | MachineObservation |  |
| Pteropodidae | *Pteropus medius* |  |  | Block - D, Dhaka 1205 | GBIF | HumanObservation | 59948035/ https://www.inatu...rvations/59948035 |
| Pteropodidae | *Pteropus medius* |  |  | Block – D, Dhaka 1205 | GBIF | HumanObservation | 59947755/ https://www.inatu...rvations/59947755 |
| Pteropodidae | *Pteropus medius* |  |  | Mirpur Botanical Garden, Mirpur, Dhaka | GBIF | HumanObservation | 57932827 / https://www.inatu...rvations/57932827 |
| Pteropodidae | *Pteropus medius* |  |  | Block - D, Dhaka 1205 | GBIF | HumanObservation | 57442413/ <https://www.inatu...rvations/57442413> |
| Pteropodidae | *Pteropus medius* |  |  | Bandarban | GBIF | HumanObservation | 56534060/ <https://www.inatu...rvations/56534060> |
| Pteropodidae | *Pteropus medius* |  |  | Mirpur, Dhaka | GBIF | HumanObservation | 56530153/ <https://www.inatu...rvations/56530153> |
| Pteropodidae | *Pteropus medius* |  |  | Sher-E-Bangla Nagar, Dhaka | GBIF | HumanObservation | 56479940/ <https://www.inatu...rvations/56479940> |
| Pteropodidae | *Pteropus medius* |  |  | Mirpur Botanical Garden, Mirpur, Dhaka | GBIF | HumanObservation | 34529207/ <https://www.inatu...rvations/34529207> |
| Pteropodidae | *Pteropus medius* |  |  | Mirpur Botanical Garden, Mirpur, Dhaka | GBIF | HumanObservation | 34193432/<https://www.inatu...rvations/34193432> |
| Pteropodidae | *Pteropus medius* |  |  | Block - D, Dhaka 1205 | GBIF | HumanObservation | 30605709/<https://www.inatu...rvations/30605709> |
| Pteropodidae | *Pteropus medius* |  |  | Dhanmondi, Dhaka 1205 | GBIF | HumanObservation | 30530961/<https://www.inatu...rvations/30530961> |
| Pteropodidae | *Pteropus medius* |  |  | Gulshan 2, Dhaka 1212 | GBIF | HumanObservation | 19875251/<https://www.inatu...rvations/19875251> |
| Pteropodidae | *Pteropus medius* |  |  | Faridpur | GBIF | PreservedSpecimen | F55/MH543918 |
| Pteropodidae | *Pteropus medius* |  |  | Chakaria, Cox’s Bazar | GBIF | PreservedSpecimen | Ch35/ MH543795 |
| Pteropodidae | *Pteropus medius* |  |  | Ramnagar, Chittagong | GBIF | PreservedSpecimen | Ra19/MH543640 |
| Pteropodidae | *Pteropus medius* |  |  | Dinajpur | GBIF | PreservedSpecimen | D47/ MH543843 |
| Pteropodidae | *Pteropus medius* |  |  | Tangail | GBIF | PreservedSpecimen | T70/MH544094 |
| Pteropodidae | *Pteropus medius* | 24.6 | 90.1 | Modhupur forest | USNM | PreservedSpecimen | USNM 556516; 556517 |
| Pteropodidae | *Pteropus medius* |  |  | Alikodom, Bandarban | GBIF | HumanObservation | 1630340/http://www.inaturalist.org/observations/1630340 |
| Pteropodidae | *Pteropus medius* |  |  | Bandarban, Chittagong  | GBIF | HumanObservation | 56534060/https://www.inaturalist.org/observations/56534060 |
| Pteropodidae | *Pteropus medius* |  |  | Burigoalini, Sundarbans | GBIF | PreservedSpecimen | YPM MAM 004200/ urn:uuid:e358d0d0-b5be-4b12-96d9-1ffb6ed87647 |
| Pteropodidae | *Pteropus medius* |  |  | Modhupur forest | GBIF | PreservedSpecimen | 26325/ urn:catalog:LSUMZ:Mammals:26325 |
| Pteropodidae | *Pteropus medius* | 23.8 | 90.2 | Jahangirnagar University  | [13,75] | MeasurementOrFact |  |
| Pteropodidae | *Pteropus medius* | 26.4 | 88.3 | Tetulia | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 26.0 | 88.4 | Courtyeard, Thakurgaon | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 26.0 | 88.4 | Police station, Thakurgaon | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 25.8 | 88.1 | Haripur, Thakurgaon | [66] | MaterialSample |  |
| Pteropodidae | *Pteropus medius* | 23.5 | 89.7 | Rajbari | [67] | MaterialSample |  |
| Pteropodidae | *Pteropus medius* | 21.7 | 92.0 | Cox’s Bazar | [67] | MaterialSample |  |
| Pteropodidae | *Pteropus medius* | 23.8 | 89.0 | Kushtia | [68] | MaterialSample |  |
| Pteropodidae | *Pteropus medius* | 22.8 | 89.5 | Khulna | [68] | MaterialSample |  |
| Pteropodidae | *Pteropus medius* | 24.9 | 91.8 | Sylhet | [68] | MaterialSample |  |
| Pteropodidae | *Pteropus medius* | 25.1 | 89.0 | Joypurhat | [69] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 23.1 | 90.1 | Madaripur | [70] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 24.8 | 88.9 | Naogaon | [70] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 24.4 | 88.9 | Natore | [70] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 25.3 | 89.5 | Gaibandha | [70] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 25.6 | 88.6 | Kali Temple, Dinajpur | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 25.6 | 88.6 | Graveyard1, Birol, Dinajpur | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 25.6 | 88.6 | Graveyard2, Birol, Dinajpur | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 24.4 | 89.4 | Nimgachi home garden, Sirajganj | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 24.4 | 89.6 | Gajaria home garden, Sirajganj | [63] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 23.8 | 90.2 | Jahangirnagar University  | [74] | MeasurementOrFact |  |
| Pteropodidae | *Pteropus medius* | 23.6 | 88.6 | Badurtola. Chuadanga | [64] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 23.8 | 90.2 | Jahangirnagar University  | [65] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 20.6 | 92.3 | St. Martins Island | [61] | MachineObservation |  |
| Pteropodidae | *Pteropus medius* | 24.6 | 90.1 | Modhupur forest | [22] | PreservedSpecimen |  |
| Pteropodidae | *Pteropus medius* | 23.8 | 90.2 | Savar, Dhaka | [22] | PreservedSpecimen |  |
| Pteropodidae | *Pteropus medius* | 23.6 | 90.3 | Baghair, Dhaka | [22] | PreservedSpecimen |  |
| Pteropodidae | *Pteropus medius* | 24.4 | 90.2 | Mymensingh | [22] | PreservedSpecimen |  |
| Pteropodidae | *Pteropus medius* | 23.6 | 90.9 | Comilla | [22] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 23.8 | 91.0 | Noakhali | [22] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 23.3 | 91.7 | Chittagong | [22] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 24.0 | 89.0 | Pabna | [22] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 24.3 | 88.6 | Rajshahi | [22] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 23.1 | 89.1 | Jessore | [22] | HumanObservation |  |
| Pteropodidae | *Pteropus medius* | 22.4 | 90.2 | Barisal  | [3] | MaterialCitation |  |
| Pteropodidae | *Pteropus medius* | 24.4 | 90.2 | Shamganj, Mymensingh | [3] | MaterialCitation |  |
| Pteropodidae | *Rousettus leschenaultii* | 22.3 | 91.8 | Nasirabad, Chittagong | NHMUK | PreservedSpecimen | 1848.8.18.17; 1848.2.1.14 |
| Pteropodidae | *Rousettus leschenaultii* |  |  | Chittagong University campus | GBIF | HumanObservation | 50051/http://www.inaturalist.org/observations/50051 |
| Pteropodidae | *Rousettus leschenaultii* | 21.4 | 92.0 | Cox's Bazar | [9] | MaterialCitation |  |
| Pteropodidae | *Rousettus leschenaultii* | 25.2 | 90.0 | Ghazni, Sherpur | [9] | MaterialCitation |  |
| Pteropodidae | *Rousettus leschenaultii* | 21.0 | 92.1 | Whykeong, Teknaf | [9] | MaterialCitation |  |
| Pteropodidae | *Rousettus leschenaultii* | 24.9 | 91.8 | Sylhet | [9] | MaterialCitation |  |
| Pteropodidae | *Rousettus leschenaultii* | 22.2 | 89.5 | Sunderbans | [9] | MaterialCitation |  |
| Emballonuridae | *Saccolaimus saccolaimus* | 23.8 | 90.2 | Jahangirnagar University  | [13,77] | PreservedSpecimen  |  |
| Emballonuridae | *Saccolaimus saccolaimus* | 24.6 | 90.1 | Modhupur forest  | [62] | MachineObservation |  |
| Emballonuridae | *Saccolaimus saccolaimus* | 23.7 | 90.3 | Azimpur, Dhaka | [22] | PreservedSpecimen |  |
| Emballonuridae | *Taphozous longimanus*  | unknown | unknown | Bangladesh | GBIF | PreservedSpecimen | 60133 |
| Emballonuridae | *Taphozous longimanus*  | 20.6 | 92.3 | St. Martins Island | [22] |  |  |
| Emballonuridae | *Taphozous longimanus*  | 25.1 | 88.8 | Patiamly village, Naogaon | [78] | MachineObservation |  |
| Emballonuridae | *Taphozous longimanus*  | 23.7 | 90.4 | Curzon Hall, Dhaka | [22] | PreservedSpecimen |  |
| Emballonuridae | *Taphozous longimanus*  | 24.3 | 89.9 | Shiharail village, Tangail | [22] | PreservedSpecimen |  |
| Hipposideridae | *Coelops frithii* | 22.2 | 89.5 | Sundarbans | [3] | MaterialCitation  |  |
| Hipposideridae | *Coelops frithii* | 21.9 | 90.0 | Sundarbans | [72]  | MaterialSample  |  |
| Hipposideridae | *Hipposideros cineraceus* | 22.0 | 92.4 | Ruma, Bandarban | [7] | MachineObservation |  |
| Hipposideridae | *Hipposideros lankadiva* | 25.2 | 90.0 | Ghazni, Sherpur | [7] | MachineObservation |  |
| Hipposideridae | *Hipposideros lankadiva* | 24.9 | 90.5 | Netrokona | [7,9,76] | MeasurementOrFact |  |
| Hipposideridae | *Hipposideros larvatus* | 25.1 | 90.6 | Netrokona | [7,9] | MachineObservation |  |
| Hipposideridae | *Hipposideros larvatus* | 24.5 | 91.5 | Sylhet | [3] | MaterialCitation |  |
| Hipposideridae | *Hipposideros pomona* | 22.3 | 92.3 | Cave, Rajasthali sub-district, Rangamati | [34] | MaterialSample |  |
| Hipposideridae | *Hipposideros pomona* | 24.5 | 91.5 | Sylhet | [3] | MaterialCitation |  |
| Megadermatidae | *Megaderma spasma* | 21.0 | 92.1 | Chittagong Hill Tracts | [9] | HumanObservation |  |
| Megadermatidae | *Megaderma spasma* | 22.5 | 92.1 | Kaptai National Park | [7] | MachineObservation |  |
| Megadermatidae | *Megaderma spasma* | 22.6 | 91.6 | Sitakunda | [7] | MachineObservation |  |
| Megadermatidae | *Lyroderma lyra* | unknown | unknown | Bangladesh | [7,9] | MachineObservation |  |
| Megadermatidae | *Lyroderma lyra* | 24.5 | 91.5 | Sylhet | [3] | MaterialCitation |  |
| Megadermatidae | *Lyroderma lyra* | 23.9 | 90.3 | Kasempur bazar, Dhaka | [22] | PreservedSpecimen |  |
| Megadermatidae | *Lyroderma lyra* | 24.6 | 88.9 | Atrai, Rajshahi | [22] | PreservedSpecimen |  |
| Molossidae | *Mops plicatus*  | 23.8 | 90.2 | Jahangirnagar University  | [7,9] | MachineObservation |  |
| Rhinolophidae | *Rhinolophus affinis* | 21.9 | 92.5 | Keokradong Hill Range | [7] | MachineObservation |  |
| Rhinolophidae | *Rhinolophus affinis* | 24.9 | 91.8 | Sylhet | [3,7] | MachineObservation |  |
| Rhinolophidae | *Rhinolophus lepidus* | 22.2 | 89.5 | Sundarbans | [7,9] | MachineObservation |  |
| Rhinolophidae | *Rhinolophus luctus*  | unknown | unknown | Bangladesh  | GBIF | PreservedSpecimen | 60134 |
| Rhinolophidae | *Rhinolophus luctus*  | 24.5 | 92.2 | Patharia Hill reserve forest  | [36] | MachineObservation |  |
| Rhinolophidae | *Rhinolophus pusillus* | 22.3 | 92.2 | Cave, Rajasthali sub district, Rangamati | [32] | MaterialSample |  |
| Vespertilionidae | *Hesperoptenus tickelli* | 23.81 | 90.34 | Dhaka | [7,9] | PreservedSpecimen |  |
| Vespertilionidae | *Kerivoula picta* | 23.6 | 90.3 | Dhaka | [3,7,9] | MaterialCitation |  |
| Vespertilionidae | *Kerivoula picta* | 24.6 | 90.1 | Modhupur forest | [79] | MachineObservation |  |
| Vespertilionidae | *Pipistrellus ceylonicus*  | 21.1 | 92.1 | Chittagong Hill Tracts  | [9] | MachineObservation |  |
| Vespertilionidae | *Pipistrellus coromandra* | unknown | unknown | Bangladesh | [9] | MachineObservation |  |
| Vespertilionidae | *Pipistrellus coromandra* | 23.8 | 90.2 | Jahangirnagar University  | [13,75] | MaterialSample |  |
| Vespertilionidae | *Pipistrellus coromandra* | 23.8 | 90.2 | Jahangirnagar University  | [74]  | MeasurementOrFact  |  |
| Vespertilionidae | *Pipistrellus javanicus* | 24.9 | 91.8 | Sylhet | NHMUK | PreservedSpecimen | 1911.7.15.3 |
| Vespertilionidae | *Pipistrellus javanicus* | unknown | unknown | Bangladesh  | GBIF | PreservedSpecimen | 59670 |
| Vespertilionidae | *Pipistrellus javanicus* | 22.4 | 92.1 | Doluchari village common forest, Rangamati | [33] | MaterialSample |  |
| Vespertilionidae | *Pipistrellus javanicus* | 24.1 | 91.4 | Luskerpore, Habiganj | [3] | MaterialCitation |  |
| Vespertilionidae | *Pipistrellus javanicus* | 22.3 | 91.9 | Purba Gomdandi, Boalkhali, Chittagong | [3] | MaterialCitation |  |
| Vespertilionidae | *Pipistrellus javanicus* | 22.3 | 91.9 | Boalkhali Thana, Chittagong | [3] | MaterialCitation |  |
| Vespertilionidae | *Pipistrellus pipistrellus*  | 23.88 | 90.26 | Jahangirnagar University  | [9,13] | MaterialSample |  |
| Vespertilionidae | *Pipistrellus tenuis* | unknown | unknown | Bangladesh | [7,9] | MachineObservation |  |
| Vespertilionidae | *Pipistrellus tenuis* | 24.08 | 90.40 | 30 km N of Dhaka | ROM | PreservedSpecimen | 59269 - 59286 |
| Vespertilionidae | *Pipistrellus tenuis* | 23.79 | 90.40 | Banani Superb, Dhaka | FMNH | PreservedSpecimen | 155698 - 155699 |
| Vespertilionidae | *Pipistrellus tenuis* | 23.71 | 90.41 | Dhaka | FMNH | PreservedSpecimen | 54983 |
| Vespertilionidae | *Pipistrellus tenuis* | 24.22 | 91.25 | Habiganj | [3] | MaterialCitation |  |
| Vespertilionidae | *Pipistrellus tenuis* | unknown | unknown | Bangladesh  | GBIF | PreservedSpecimen | 60149 |
| Vespertilionidae | *Pipistrellus tenuis* | 23.87 | 90.26 | Jahangirnagar University  | [13] | MaterialSample |  |
| Vespertilionidae | *Scotophilus heathii*  | unknown | unknown | Bangladesh  | GBIF | PreservedSpecimen | 60135 |
| Vespertilionidae | *Scotophilus heathii*  | unknown | unknown | Bangladesh | [7,9] | MachineObservation |  |
| Vespertilionidae | *Scotophilus heathii*  | 23.87 | 90.26 | Jahangirnagar University  | [13,75] | MeasurementOrFact |  |
| Vespertilionidae | *Scotophilus kuhlii*  | unknown | unknown | Bangladesh  | [7,9] | MachineObservation |  |
| Vespertilionidae | *Scotophilus kuhlii*  | unknown | unknown | Bangladesh  | GBIF | PreservedSpecimen | 57196; 60136 |
| Vespertilionidae | *Scotophilus kuhlii*  | 23.88 | 90.26 | Jahangirnagar University  | [13,75] | MeasurementOrFact  |  |
| Vespertilionidae | *Scotophilus kuhlii*  | 22.15 | 91.06 | Jahazmara ghat, Hatia | [10] | HumanObservation |  |
| Vespertilionidae | *Scotophilus kuhlii*  | 24.15 | 91.3 | Habiganj | [3] | MaterialCitation |  |
| Vespertilionidae | *Scotophilus kuhlii*  | 24.90 | 91.89 | M.C. College hostel, Sylhet | [22] | PreservedSpecimen |  |
| Vespertilionidae | *Scotophilus kuhlii*  | 22.58 | 90.99 | Ramgoti village, Noakhali | [22] | PreservedSpecimen |  |
| Vespertilionidae | *Scotophilus kuhlii*  | 24.31 | 89.97 | Shiharail village, Tangail | [22] | PreservedSpecimen |  |
| Vespertilionidae | *Tylonycteris pachypus* | 24.17 | 91.47 | Luskerpore, Habiganj | [3,7] | MaterialCitation |  |
| Vespertilionidae | *Tylonycteris pachypus* | 23.71 | 90.41 | Dhaka | [22] | PreservedSpecimen |  |
| Vespertilionidae | *Tylonycteris pachypus* | 24.32 | 89.99 | Poshna village, Tangail | [22] | PreservedSpecimen |  |
| Vespertilionidae | *Tylonycteris pachypus* | 24.27 | 90.00 | Moytha village, Tangail | [22] | PreservedSpecimen |  |
| Vespertilionidae | *Tylonycteris pachypus* | 24.31 | 89.97 | Shiharail village, Tangail | [22] | PreservedSpecimen |  |

\* FMNH = Field Museum of Natural History; NHMUK = Natural History Museum, London; GBIF = Global Biodiversity Information Facility; USNM = Smithsonian National Museum of Natural History; ROM = Royal Ontario Museum.

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*References are numbered according to the numerical order of literature citation in the main text of the publication.*

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**Table S2.** A list of 81 bat species that are yet to be occurred in Bangladesh. Of those, 38 species are Highly Probable, 33 species are Probable, and the remaining 10 species are Possible.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Occurrence probability** | **Species** | **Family** | **Distribution\*** | **Documented habitats** |
| Highly Probable | *Rousettus aegyptiacus* (E.Geoffroy, 1810) | Pteropodidae  | mz, sk | wild banana forest, bamboo thicket, moist deciduous forest, forest stream and cave |
| *Rousettus amplexicaudatus* (E.Geoffroy, 1810) | Pteropodidae  | wb, tp | caves, old tombs, secondary forest, agricultural areas, forest edge |
| *Sphaerias blanfordi* (Thomas, 1891) | Pteropodidae  | wb, mz | hills, forests, mountains, bamboo forest |
| *Taphozous melanopogon* Temminck, 1841 | Emballonuridae | mh, mz, rk | hilly areas, tropical moist forest, old buildings, tunnels, temples |
| *Hipposideros armiger* (Hodgson, 1835) | Hipposideridae | wb, sk, mh, as, mz, cn | caves, montane forest, old buildings |
| *Hipposideros gentilis* K. Andersen, 1918 | Hipposideridae | wb, sk, mh, as | cave, tropical moist lowland |
| *Hipposideros fulvus* Gray, 1838 | Hipposideridae | wb, as, mh | montane forest, secondary teak forest, temperate forest, wet evergreen forest |
| *Miniopterus fuliginosus* (Hodgson, 1835) | Miniopteridae | wb, sk, mh | caves |
| *Miniopterus schreibersii* (Kuhl, 1817) | Miniopteridae | wb, sk, mh | caves, deciduous forest  |
| *Rhinolophus affinis* Horsfield, 1823 | Rhinolophidae | wb, mh | mature lowland forest rainforest, dry forests and highly disturbed areas |
| *Rhinolophus trifoliatus* Temminck, 1834 | Rhinolophidae | wb, sk, as | evergreen forest, lowland primary and secondary moist forest, hill forest  |
| *Rhinolophus pearsonii* Horsfield, 1851 | Rhinolophidae | wb, sk, mh, mz | bamboo forests, caves in hilly areas, tropical moist lowland forest, agricultural areas |
| *Rhinolophus macrotis* Blyth, 1844 | Rhinolophidae | wb, mh | caves, tropical moist lowland forest |
| *Rhinopoma hardwickii* Gray, 1831 | Rhinopomatidae | wb, mh, as, mz | semi-desert areas, tropical grasslands, caves |
| *Barbastella leucomelas* (Cretzschmar, 1830) | Vespertilionidae | wb, sk, mh, mz | shrubland, moist lowland, caves, old buildings |
| *Eptesicus serotinus* Kaup, 1829 | Vespertilionidae | sk, as | open areas, tropical dry and moist forest  |
| *Harpiocephalus harpia* (Temminck, 1840) | Vespertilionidae | wb, sk, mh, as, mz | tropical moist lowland forest  |
| *Mirostrellus joffrei* (Thomas, 1915) | Vespertilionidae | sk, mh | subtropical moist lowland |
| *Murina cyclotis* Dobson, 1872 | Vespertilionidae | wb, sk, mh, mz, cn | moist deciduous forest, forest stream and caves |
| *Murina huttoni* (Peters, 1872) | Vespertilionidae | wb, as, mh | montane forest, tropical broadleaf forest, banana plantation  |
| *Murina leucogaster* Milne-Edwards, 1872 | Vespertilionidae | wb, mh | undisturbed forest, caves |
| *Murina pluvialis* Ruedi, Biswas, & Csorba, 2012 | Vespertilionidae | sk, mh | evergreen and semi-deciduous forest  |
| *Myotis muricola* (Gray, 1846) | Vespertilionidae | wb, sk, as, mh, mz, cn | montane forest, secondary growth and gardens, caves, banana trees, tree hollows |
| *Myotis mystacinus* (Kuhl, 1817) | Vespertilionidae | wb, sk, mh | woodland, park, gardens and caves |
| *Myotis nipalensis* (Dobson, 1871) | Vespertilionidae | wb, sk, mh | subtropical high altitude dry forest, subtropical dry shrubland, caves, rural gardens, urban areas |
| *Myotis siligorensis* (Horsfield, 1855) | Vespertilionidae | wb, sk, mh | caves, lowland second-growth forest, evergreen forest, caves |
| *Myotis hasseltii* (Temminck, 1840) | Vespertilionidae | wb, rk | dry forest, mangrove forest, caves, human habitations |
| *Myotis formosus* (Hodgson, 1835) | Vespertilionidae | wb, sk, mh, as, mz | tropical broadleaf forest, rice paddy dominated landscape, caves, tunnels  |
| *Nyctalus noctula* (Schreber, 1774) | Vespertilionidae | wb, sk, as, cn | wetland, woodland, caves |
| *Kerivoula hardwickii* (Horsfield, 1824) | Vespertilionidae | wb, mh, as, mz | evergreen, deciduous and disturbed forest, caves |
| *Kerivoula papillosa* (Temminck, 1840) | Vespertilionidae | wb, mh | mixed deciduous dipterocarp forest |
| *Pipistrellus kuhlii* (Kuhl, 1817) | Vespertilionidae | wb, mh, as | urban areas, agricultural areas |
| *Pipistrellus paterculus* Thomas, 1915 | Vespertilionidae | wb, sk, as, mh | primary and secondary forests of subtropical dry and moist lowland forests, banana and bamboo trees |
| *Plecotus auritus* (Linnaeus, 1758) | Vespertilionidae | wb, mh | forest edge, bushes, hedges, traditional orchards, caves |
| *Plecotus homochrous* Hodgson, 1847 | Vespertilionidae | mh, sk, wb | subtropical evergreen deciduous forest  |
| *Scotozous dormeri* Dobson, 1875 | Vespertilionidae | wb, mh, as, mz | tropical forest, plantations, human habitations  |
| *Scotomanes ornatus* (Blyth, 1851) | Vespertilionidae | wb, sk, mh, as | primary and secondary tropical moist forest, tree foliage and banana trees |
| *Scotoecus pallidus* (Dobson, 1876) | Vespertilionidae | wb, mh | tropical dry forest, urban areas, subtropical degraded former forest |
| Probable | *Taphozous nudiventris* Cretzschmar, 1830 | Emballonuridae  | wb, sk | shrubland, grassland, caves  |
| *Hipposideros ater* Templeton, 1848 | Hipposideridae | mh, rk | old houses, disused buildings, tunnels, culverts, tree hollows, palm trees |
| *Hipposideros khasiana* Thabah, Rossiter, Kingston, Zhang, Parsons, Mya Mya, Zubaid & Jones, 2006 | Hipposideridae | mh | cave |
| *Miniopterus magnater* Sanborn, 1931 | Miniopteridae | mz, mh | banana forest, moist deciduous forest, caves |
| *Miniopterus pusillus* Dobson, 1876 | Miniopteridae | mh | subtropical moist lowland forest, caves, under culverts  |
| *Otomops wroughtoni* (Thomas, 1913) | Molossidae | mh | caves, mixed deciduous forest, semi-evergreen forest |
| *Tadarida aegyptiaca* (E. Geoffroy, 1818) | Molossidae | wb | savannah, humid hills and valleys, old buildings |
| *Rhinolophus subbadius* Blyth, 1844 | Rhinolophidae | mh | bamboo thicket, tropical dry forest, caves |
| *Rhinolophus ferrumequinum* (Schreber, 1774) | Rhinolophidae | wb, sk | pastures, deciduous temperate woodland, grassland |
| *Rhinolophus hipposideros* (Borkhausen, 1797) | Rhinolophidae | mh, mz | wild banana forest, moist deciduous forest, forest stream and cave |
| *Rhinolophus shortridgei* K. Andersen, 1918 | Rhinolophidae | mh | dipterocarp forest  |
| *Rhinolophus siamensis* Gyldenstolpe, 1917 | Rhinolophidae | mh | caves, primary evergreen forest, karst area |
| *Rhinolophus yunanensis* Dobson, 1872 | Rhinolophidae | mh, mz | hilly forest, tropical moist lowland, bamboo thicket |
| *Arielulus circumdatus* (Temminck, 1840) | Vespertilionidae | mh, mz | montane forest, secondary teak forest |
| *Hypsugo affinis* (Dobson, 1871) | Vespertilionidae | wb | tropical dry forest, near human habitations |
| *Hypsugo cadornae* (Thomas, 1916) | Vespertilionidae | wb | mixed forest, bamboo forest, caves |
| *Eptesicus pachyotis* (Dobson, 1871) | Vespertilionidae | mh, mz | tropical moist deciduous forest |
| *Ia io* Thomas, 1902 | Vespertilionidae | mh | tropical moist forest, caves |
| *Kerivoula furva* Kuo, Soisook, Ho, Csorba, Wang & Rossiter, 2017 | Vespertilionidae | mh | broadleaf evergreen forest - with the forest understory comprised of bamboo and shrubs |
| *Kerivoula kachinensis* Bates, Struebig, Rossiter, Kingston, Oo, & Mya, 2004 | Vespertilionidae | mh | lowland plain forest, deciduous and semi-evergreen forest  |
| *Murina jaintiana* Ruedi, Biswas, & Csorba, 2012 | Vespertilionidae | mh | bamboo, semi-deciduous forest, secondary forest  |
| *Myotis altarium* Thomas, 1911 | Vespertilionidae | mh | caves |
| *Myotis daubentonii* (Kuhl, 1817) | Vespertilionidae | mh | caves, subterranean habitats, wetlands – swamps, lakes, freshwater marshes |
| *Myotis horsfieldii* (Temminck, 1840) | Vespertilionidae | mh, as | tea gardens, tropical moist lowland forest  |
| *Myotis laniger* (Peters, 1871) | Vespertilionidae | mh | tropical moist lowland forest, caves |
| *Myotis longipes* (Dobson, 1873) | Vespertilionidae | mh | caves, cracks and crevices in old buildings, tunnels, primary and secondary tropical dry and moist forest |
| *Myotis montivagus* (Dobson, 1874) | Vespertilionidae | mz | hill forest, agricultural landscapes |
| *Myotis pilosus* (Peters, 1869) | Vespertilionidae | mh | wetlands - rivers, streams, creeks, tropical moist lowland forest  |
| *Myotis blythii* (Tomes, 1857) | Vespertilionidae | mh | caves, grasslands, and temperate regions |
| *Pipistrellus abramus* (Temminck, 1838) | Vespertilionidae | wb | open spaces - above the rivers, riparian grassland, mangroves, plantations  |
| *Tylonycteris fulvida* (Blyth, 1859) | Vespertilionidae | as, mh | caves, bamboo forest  |
| *Tylonycteris malayana* Chasen, 1940 | Vespertilionidae | mh | bamboo forest  |
| *Tylonycteris robustula* Thomas, 1915 | Vespertilionidae | mz | subtropical moist forest, bamboo forest  |
| Possible | *Tadarida teniotis* (Rafinesque, 1814) | Molossidae | wb | temperate, semi-desert land cover |
| *Rhinolophus sinicus* K. Andersen, 1905 | Rhinolophidae | mh, sk | montane forest |
| *Barbastella darjelingensis* (Hodhson, 1855) | Vespertilionidae | mh | mountainous temperate and subtropical forest  |
| *Eptesicus tatei* Ellerman & Morrison-Scott, 1951 | Vespertilionidae | wb | montane forest  |
| *Harpiola grisea* Peters, 1872 | Vespertilionidae | mh, mz | montane forest  |
| *Murina aurata* Milne-Edwards, 1872 | Vespertilionidae | sk, mh | subtropical montane forest with high altitude  |
| *Murina tubinaris* (Scully, 1881) | Vespertilionidae | wb, sk, mh, mz, cn | mountainous slope of the montane forest  |
| *Myotis annectans* (Dobson, 1871) | Vespertilionidae | wb | montane forest, valleys |
| *Myotis sicarius* Thomas, 1915 | Vespertilionidae | wb, sk, mh | montane forest |
| *Hypsugo savii* (Bonaparte, 1837) | Vespertilionidae | sk, mh | temperate grassland, rocky areas |

\* wb = West Bengal; sk = Sikkim; mh = Meghalaya; as = Assam; tp = Tripura; mz = Mizoram; cn = Chin; rk = Rakhine.