Cervantes, K., E. Arias, A. Aguilar, C. Larico, and V. Pacheco. 2024. Non-volant mammals in the central Andes Yungas: the Pampa Hermosa National Sanctuary. Therya. DOI:10.12933/therya-24-4971

**Supplementary material**

List of mammalian species from the Pampa Hermosa National Sanctuary (SNPH) and other central and southern Peruvian Yungas recorded from 1,000 to 2,000 m elevation subjected to Beta Analysis: PNM, the Manu National Park (Solari *et al*. 2006; Medina *et al*. 2012); ARB, Apurímac River Basin (Pacheco *et al*. 2007); PNYCh, the Yanachaga-Chemillén National Park (Vivar 2006); POZ, the Pozuzo Forests (Mena and Medellín 2010); MBRT, the Middle Basin of the River Tambopata (Pacheco *et al*. 2011); CARP, the Carpish Forests (Pacheco and Noblecilla 2019); YuHUA, the Yungas of Huánuco (Aquino *et al.* 2022); SCR, the Sira Communal Reserve (Pillco Huarcaya *et al.* 2020); PNTM, the Tingo María National Park (Cossios and Ricra-Zevallos 2019); FLG, the Fundo La Genova in Chanchamayo (Guevara-Torres *et al.* 2021).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Taxon** | **PNM** | **ARB** | **PNYCh** | **POZ** | **MBRT** | **CARP** | **YuHUA** | **SCR** | **PNTM** | **FLG** | **SNPH** (Current Study) | **Range of elevation (m)** | **IUCN** | **DS 004-2014** | **CITES** | **ENDEMISM** |
| **ORDER DIDELPHIMORPHIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Didelphidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Didelphis albiventris* 1 |  |  |  |  |  |  | x |  |  |  |  | 1,556 | 2,382 |  |  |  |  |
| *Didelphis marsupialis* | x27 |  | x |  |  |  |  | x | x | x |  | 400 | 1,920 |  |  |  |  |
| *Didelphis pernigra* | x28 |  | x |  |  |  |  | x |  |  | x | 300 | 2,400 |  |  |  |  |
| *Gracilinanus peruanus* 2 |  |  | x |  |  |  |  |  |  |  |  | 300 | 2,300 |  |  |  |  |
| *Marmosa* (*Marmosa*) *macrotarsus* 3 | x27 |  |  |  |  |  |  |  |  |  | x | 350 | 1,700 |  |  |  |  |
| *Marmosa* (*Micoureus*) *constantiae* |  |  |  |  | x |  |  |  |  |  | x | 850 | 1,985 |  |  |  |  |
| *Marmosa* (*Micoureus*) *rutteri* 4 | x27,28 |  |  | x |  |  |  |  |  |  |  | 400 | 1,950 |  |  |  |  |
| *Marmosops* (*Marmosops*) *caucae* 5 | x27 |  | x |  | x |  |  |  |  |  | x | 300 | 2,300 |  |  |  |  |
| *Marmosops* (*Marmosops*) *noctivagus* | x27,28 |  |  | x |  |  |  |  |  |  | x | 350 | 2,200 |  |  |  |  |
| *Marmosops* (*Sciophanes*) *bishopi* |  |  | x |  | x | x |  |  |  |  | x | 300 | 2,100 |  |  |  |  |
| *Metachirus myosuros* 6 | x27,28 |  |  |  |  |  |  | x |  |  |  | 350 | 1,500 |  |  |  |  |
| *Monodelphis* (*Microdelphis*) *gardneri* |  |  |  |  |  | x |  |  |  |  |  | 1,700 | 1,700 |  |  |  | x |
| *Monodelphis* (*Mygalodelphis*) *osgoodi* | x28 |  |  |  |  |  |  |  |  |  |  | 1,950 | 2,200 |  | EN |  |  |
| *Monodelphis* (*Mygalodelphis*) *peruviana* | x27,28 |  |  |  |  |  |  |  |  |  |  | 825 | 2,460 |  |  |  |  |
| *Philander canus* 7 |  |  |  | x |  |  |  |  |  |  |  | 1,200 | 1,200 |  |  |  |  |
| **ORDER CINGULATA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Dasypodidade** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Dasypus novemcinctus* | x27,28 |  |  |  |  |  | x | x | x | x | x | 380 | 2,382 |  |  |  |  |
| *Dasypus pilosus* |  |  |  |  |  |  | x |  |  |  |  | 1,556 | 2,382 | DD | VU |  | x |
| *Dasypus* sp. |  | x |  |  |  |  |  |  |  |  |  | 1,050 | 1,050 |  |  |  |  |
| **Family Chlamyphoridae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Cabassous unicinctus* |  |  |  |  |  |  |  | x |  |  |  | 850 | 1,750 |  |  |  |  |
| **ORDER PILOSA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Bradypodidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Bradypus variegatus* | x28 |  |  |  |  |  | x |  |  |  |  | 1,250 | 1,575 |  |  | II |  |
| **Family Myrmecophagidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Myrmecophaga tridactyla* |  |  |  |  | x |  |  | x |  |  |  | 1,600 | 1,600 | VU | VU | II |  |
| *Tamandua tetradactyla* |  |  |  |  |  |  | x | x | x |  |  | 1,620 | 2,043 |  |  |  |  |
| **ORDER PRIMATES** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Cebidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Saguinus* (*Leontocebus*) *fuscicollis* |  |  |  |  | x |  |  |  |  |  |  | 1,200 | 1,200 |  |  | II |  |
| *Aotus azarae* |  |  |  |  | x |  |  |  |  |  |  | 1,200 | 1,985 |  |  | II |  |
| *Aotus miconax* |  |  |  |  |  |  | x |  |  |  |  | 1,556 | 2,382 | EN | VU | II | x |
| *Aotus nigriceps* | x27 |  |  |  |  |  |  | x30 |  |  | x | 350 | 1,900 |  |  | II |  |
| *Aotus* sp. | x28 | x |  |  |  |  |  |  |  |  |  | 1,050 | 1,500 |  |  | II |  |
| *Cebus* (*Cebus*) *albifrons* 8 |  |  |  |  |  |  | x | x |  |  |  | 1,575 | 2,043 |  |  | II |  |
| *Cebus* (*Sapajus*) *apella* 9 | x27,28 |  |  |  | x |  | x | x30 |  |  |  | 350 | 2,043 |  |  | II |  |
| *Cebus* sp. |  |  |  |  |  |  |  |  |  | x |  | 1,000 | 1,200 |  |  | II |  |
| *Saimiri boliviensis* |  |  |  |  |  |  | x |  |  |  |  | 1,575 | 1,862 |  |  | II |  |
| *Saimiri sciureus* |  | x |  |  |  |  |  |  |  |  |  | 1,050 | 1,050 |  |  | II |  |
| **Family Phiteciidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Callicebus* (*Plecturocebus*) *toppini* 10 |  |  |  |  | x |  |  |  |  |  |  | 1,200 | 1,200 |  |  | II |  |
| *Pithecia monachus* 11 |  |  |  |  |  |  |  | x30 |  |  |  |  |  |  |  | II |  |
| **Family Atelidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Alouatta seniculus* |  |  |  |  |  |  | x |  |  |  |  | 1,556 | 2,382 |  | VU | II |  |
| *Ateles belzebuth* |  |  |  |  |  |  | x |  |  |  |  | 1,575 | 1,575 | EN | EN | II |  |
| *Ateles chamek* |  | x |  |  |  |  | x |  |  |  |  | 1,050 | 2,043 | EN | EN | II |  |
| *Lagothrix flavicauda* 12 |  |  |  |  |  |  | x |  |  |  |  | 1,556 | 2,043 | CR | CR | I | x |
| *Lagothrix lagothricha cana* 13 | x28 |  |  |  |  |  |  | x |  |  |  | 1,250 | 2,200 | VU | EN | II |  |
| *Lagothrix lagothricha tschudii* 14 | x27 |  |  |  |  |  | x |  |  |  | x | 350 | 2,150 | VU | EN | II |  |
| **ORDER RODENTIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Sciuridae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Hadrosciurus ignitus* 15 |  |  | x |  |  |  | x |  |  |  |  | 300 | 2,100 |  | DD |  |  |
| *Hadrosciurus igniventris* |  |  | x |  |  |  | x |  |  |  |  | 300 | 100 |  |  |  |  |
| *Hadrosciurus pyrrhinus* 16 |  |  |  |  |  | x | x |  |  |  | x | 1,600 | 2,382 | DD | DD |  |  |
| *Hadrosciurus spadiceus* |  |  |  |  |  |  |  | x |  |  |  | 900 | 1,650 |  |  |  |  |
| *Hadrosciurus* sp. 17 | x27,28 |  |  |  |  |  | x |  |  |  |  | 1,250 | 2,382 |  |  |  |  |
| *Microsciurus flaviventer* | x27 |  |  |  |  |  |  | x |  |  |  | 380 | 1,700 |  | DD |  |  |
| **Family Cricetidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Akodon aerosus* | x27,28 | x |  | x |  |  |  |  |  |  |  | 1,000 | 2,250 |  |  |  |  |
| *Akodon* cf. *A. aerosus* |  |  |  |  |  |  |  |  |  |  | x | 1,370 | 1,900 |  |  |  |  |
| *Akodon baliolus* |  |  |  |  | x |  |  |  |  |  |  | 1,200 | 1,985 |  |  |  |  |
| *Akodon kotosh* |  |  |  |  |  | x |  |  |  |  |  | 1,900 | 2,400 |  |  |  | x |
| *Akodon subfuscus* | x27 |  |  |  |  |  |  |  |  |  |  | 1,900 | 3,450 |  |  |  |  |
| *Euryoryzomys nitidus* | x27 | x |  |  |  |  |  |  |  |  | x | 340 | 1,450 |  |  |  |  |
| *Hylaeamys perenensis* 18 | x27 |  |  |  | x |  |  |  |  | x |  | 340 | 1,600 |  |  |  |  |
| *Hylaeamys yunganus* |  |  |  | x |  |  |  |  |  |  | x | 380 | 1,900 |  |  |  |  |
| *Lenoxus apicalis* |  |  |  |  | x |  |  |  |  |  |  | 1,600 | 1,985 |  |  |  |  |
| *Microryzomys minutus* | x27 |  | x | x |  | x |  |  |  |  |  | 600 | 3,625 |  |  |  |  |
| *Neacomys amoenus* "Northern" 19 |  |  |  |  |  |  |  |  |  |  | x | 1,370 | 1,600 |  |  |  |  |
| *Neacomys macedoruizi* |  |  |  |  |  |  |  |  |  |  | x | 1,450 | 1,450 |  |  |  | x |
| *Neacomys musseri* | x27,29 |  |  |  |  |  |  |  |  |  |  | 450 | 1,460 |  |  |  |  |
| *Neacomys spinosus* | x27 | x |  | x | x |  |  |  |  |  |  | 340 | 1,985 |  |  |  | x |
| *Neacomys* sp. "Junín" |  |  |  |  |  |  |  |  |  |  | x | 1,370 | 1,900 |  |  |  |  |
| *Nectomys apicalis* 20 | x27,28 |  |  |  |  |  |  |  |  |  |  | 340 | 1,950 |  |  |  |  |
| *Nephelomys keaysi* | x27,28 |  | x | x | x | x |  |  |  |  | x | 1,000 | 3,000 |  |  |  |  |
| *Nephelomys levipes* | x27,28 |  |  |  |  |  |  |  |  |  |  | 1,250 | 3,140 |  |  |  |  |
| *Oecomys bicolor* | x27 |  | x | x | x |  |  |  |  |  |  | 340 | 2,100 |  |  |  |  |
| *Oecomys phaeotis* | x27,28 |  |  |  |  |  |  |  |  |  |  | 600 | 2,200 |  |  |  |  |
| *Oecomys roberti* | x27 |  |  |  |  |  |  |  |  |  |  | 350 | 1,000 |  |  |  |  |
| *Oecomys* sp."Junín" |  |  |  |  |  |  |  |  |  |  | x | 1,370 | 1,900 |  |  |  |  |
| *Oligoryzomys andinus* | x27 |  |  |  |  |  |  |  |  |  |  | 1,480 | 3,450 |  |  |  |  |
| *Oligoryzomys destructor* | x27 |  | x |  | x | x |  |  |  |  | x | 1,480 | 2,880 |  |  |  |  |
| *Oligoryzomys microtis* | x27 |  |  |  |  |  |  |  |  |  | x | 340 | 1,900 |  |  |  |  |
| *Oligorizomys* sp. B | x28 |  |  |  |  |  |  |  |  |  |  | 1,950 | 3,600 |  |  |  |  |
| *Oligorizomys* sp. | x28 |  |  |  |  |  |  |  |  |  |  | 1,950 | 3,600 |  |  |  |  |
| *Oxymycterus inca* | x27 |  |  |  |  |  |  |  |  |  |  | 350 | 1,480 |  |  |  |  |
| *Oxymycterus juliacae* |  |  |  |  | x |  |  |  |  |  |  | 1,200 | 1,200 |  | EN |  |  |
| *Rhagomys longilingua* | x27 |  |  |  |  |  |  |  |  |  |  | 480 | 1,920 |  |  |  |  |
| *Rhipidomys gardneri* | x27,28 |  |  |  |  |  |  |  |  |  | x | 350 | 2,900 |  |  |  |  |
| *Rhipidomys leucodactylus* |  |  |  | x |  |  |  |  |  |  | x | 1,200 | 1,600 |  |  |  |  |
| *Thomasomys aureus* | x28 |  | x |  |  |  |  |  |  |  |  | 1,600 | 2,900 |  |  |  |  |
| *Thomasomys notatus* | x27 |  | x |  |  |  |  |  |  |  |  | 1,460 | 2,900 |  |  |  | x |
| *Thomasomys* sp. nov.21 | x27 |  |  |  |  |  |  |  |  |  |  | 1,460 | 3,420 |  |  |  |  |
| *Thomasomys* sp. nov.22 | x27 |  |  |  |  |  |  |  |  |  |  | 1,900 | 3,505 |  |  |  |  |
| **Family Erethizontidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Coendu bicolor* |  | x |  |  |  |  | x | x | x | x | x | 1,000 | 2,382 |  |  |  |  |
| *Coendu* sp. |  |  |  |  | x |  |  |  |  |  |  | 1,600 | 1,985 |  |  |  |  |
| **Family Dinomyidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Dinomys branickii* | x27 |  |  |  |  |  | x | x | x |  | x | 380 | 2,382 |  | VU |  |  |
| **Family Caviidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Galea musteloides* |  |  |  |  | x |  |  |  |  |  |  | 1,600 | 1,600 | DD |  |  |  |
| *Hydrochoerus hydrochaeris* |  |  |  |  |  |  |  |  | x |  | x | 1,370 | 1,370 |  |  |  |  |
| **Family Dasyproctidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Dasyprocta fuliginosa* |  |  |  |  |  |  | x |  | x |  |  | 1,556 | 2,382 |  |  |  |  |
| *Dasyprocta kalinowskii* |  | x |  |  |  |  |  |  |  |  | x31 | 1,050 | 1,900 | DD | DD |  | x |
| *Dasyprocta variegata* | x27,28 |  |  |  | x |  |  | x |  | x |  | 350 | 1,700 | DD |  |  |  |
| **Family Cuniculidae**  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Cuniculus paca* | x27 |  |  |  | x |  | x | x | x |  | x | 350 | 2,382 |  |  |  |  |
| *Cuniculus taczanowskii* | x27,28 |  |  |  |  |  | x |  |  |  |  | 1,620 | 3,600 | NT | NT |  |  |
| **Family Echimyidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Dactylomys boliviensis* | x27 |  |  |  | x |  |  |  |  |  |  | 480 | 1,600 |  |  |  |  |
| *Dactylomys* sp. | x28 |  |  |  |  |  |  |  |  |  |  | 1,250 | 1,500 |  |  |  |  |
| *Isothrix barbarabrownae* 23 | x27 |  |  |  |  |  |  |  |  |  |  | 1,900 | 1,930 | DD |  |  | x |
| *Mesomys hispidus* |  |  |  | x |  |  |  |  |  |  |  | 1,200 | 1,200 |  |  |  |  |
| *Proechimys simonsi* | x27 |  |  |  |  |  |  |  |  |  |  | 340 | 1,180 |  |  |  |  |
| **ORDER LAGOMORPHA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Leporidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Sylvilagus brasiliensis* 24 | x27 |  |  |  |  |  |  |  |  |  |  | 350 | 1,000 | EN |  |  |  |
| **ORDER CARNIVORA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Felidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Leopardus pardalis* | x28 |  |  |  | x |  | x | x |  | x |  | 1,575 | 1,985 |  |  | I |  |
| *Leopardus tigrinus* | x27,28 |  |  |  |  |  |  | x | x |  |  | 1,250 | 1,862 | VU | DD | I |  |
| *Leopardus wiedii* |  |  |  |  |  |  |  | x | x |  |  | 850 | 1,300 | NT | DD | I |  |
| *Puma concolor* | x27,28 |  |  |  | x |  | x | x | x |  |  | 350 | 3,450 |  | NT | II |  |
| *Puma yagouaroundi* 25 | x28 |  |  |  |  |  | x | x | x |  |  | 1,250 | 2,200 |  |  | II |  |
| *Panthera onca* |  |  |  |  |  |  |  | x |  |  |  | 800 | 1,920 | NT | NT | I |  |
| **Family Canidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Atelocynus microtis* |  |  |  |  |  |  |  | x |  |  |  | 850 | 1,100 | NT | VU |  |  |
| **Family Ursidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Tremarctos ornatus* | x27,28 |  |  |  | x |  | x | x |  |  |  | 1,050 | 3,450 | VU | VU | I |  |
| **Family Mustelidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Lontra longicaudis* | x27 |  |  |  |  |  | x |  | x |  |  | 350 | 2,043 | NT |  | I |  |
| *Eira barbara* | x27,28 |  |  |  |  |  | x | x | x |  | x | 350 | 2,200 |  |  |  |  |
| *Neogale frenata* |  |  |  |  |  |  |  | x |  |  |  | 1,450 | 1,500 |  |  |  |  |
| **Family Mephitidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Conepatus* sp. |  |  |  |  |  |  | x |  |  |  |  | 2,043 | 2,382 |  |  |  |  |
| **Family Procyonidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Bassaricyon alleni* |  |  |  |  |  |  |  | x |  |  |  | 1,100 | 1,100 |  |  |  |  |
| *Nasua nasua* | x27,28 |  |  |  |  |  | x | x | x | x | x | 350 | 2,900 |  |  |  |  |
| *Nasua olivacea* 26 |  |  |  |  |  |  | x |  |  |  |  | 1,575 | 2,382 | NT | VU |  |  |
| *Potos flavus* | x27,28 |  |  |  |  |  | x | x30 |  |  |  | 350 | 2,043 |  |  |  |  |
| *Procyon cancrivorus* | x27 |  |  |  |  |  |  |  | x |  |  | 380 | 1,109 |  |  |  |  |
| **ORDER PERISSODACTYLA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Tapiridae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Tapirus terrestris* | x27 | x |  |  |  |  |  | x |  |  |  | 350 | 1,215 | VU | NT | II |  |
| **ORDER ARTIODACTYLA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Family Tayassuidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Dicotyles tacaju* |  | x |  |  |  |  | x | x | x |  | x | 1,050 | 2,043 |  |  | II |  |
| *Tayassu pecari* |  |  |  |  | x |  |  |  |  |  |  | 950 | 1,985 | VU | NT | II |  |
| **Family Cervidae** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Mazama americana* |   | x |   |   | x |   | x | x |   |   | x | 1,050 | 2,043 | DD | DD |  |  |
| **Total Orders: 09** | **7** | **5** | **2** | **2** | **6** | **2** | **7** | **8** | **6** | **5** | **6** | **-** | **-** | **-** | **-** | **-** | **-** |
| **Total Families: 26** | **16** | **9** | **3** | **3** | **14** | **3** | **18** | **20** | **12** | **8** | **15** | **-** | **-** | **-** | **-** | **-** | **-** |
| **Total Species: 119** | **63** | **12** | **13** | **11** | **26** | **7** | **35** | **34** | **17** | **8** | **31** | **-** | **-** | **-** | **-** | **-** | **-** |

1 Pacheco *et al.* (2020, 2021) do not include *Didelphis albiventris* in Perú; 2 Considered as *Gracilinanus agilis* by Vivar (2006) and updated as *G. peruanus* following Pacheco *et al.* (2021); 3 Considered as *Marmosa quichua* by Solari *et al*. (2006) and updated as *M. macrotarsus* by Pacheco *et al*. (2020); 4 Considered as *Marmosa regina* by Solari *et al*. (2006), Mena and Medellín (2010), and Medina *et al*. (2012), but Voss *et al*. (2019) limit *M. regina* only in Colombia revalidating *M. rutteri* in the south of the Amazon River (including Perú) and cited by Pacheco *et al*. (2020); 5 Diaz-Nieto *et al*. (2016) propose to *Marmosops caucae* as a valid species, *neblina* is mentioned as a junior synonym, and *impavidus* (“dubious name”), it is considered *M. impavidus* by Solari *et al*. (2006) and Pacheco *et al*. (2011), *M. neblina* by Vivar (2006), and updated by Pacheco *et al*. (2020) as *M. caucae*; 6 Voss *et al*. (2019) raise *Metachirus myosuros* to species and it is extant in the southwestern Amazon (including Perú, Brazil, and Bolivia) and limit *M. nudicaudatus* for Guyana, Suriname, and the North of Brazil; 7 Considered as *Philander opossum* by Pacheco *et al*. (2009) and Mena and Medellín (2010), but Voss *et al*. (2018) differentiated *P. canus* for the south of Amazon River, whereas *P. opossum* for northeastern of South America and Pacheco *et al.* (2020) update the species *P. canus* in Perú; 8 Considered as *Cebus yuracus* by Aquino *et al*. (2022), but Pacheco *et al*. (2020) mention it as one of the four subspecies of *C. albifrons* in Perú; 9 Considered as *Sapajus macrocephalus* by Aquino *et al*. (2022) and *Cebus apella* by Solari *et al*. (2006), Medina *et al*. (2012), and Pacheco *et al*. (2011), but it is updated as *Cebus* (*Sapajus*) *apella* by Pacheco *et al*. (2020); 10 Considered as *Callicebus aureipalatii* by Pacheco *et al*. (2011) and updated as *Callicebus* (*Plecturocebus*) *topini* following to Wallace *et al*. (2006) and Pacheco *et al*. (2020); 11 Considered as *Phitecia inusta* by Pillco Huarcaya *et al*. (2020), but following to Hershkovitz (1987) and Pacheco *et al*. (2020), they consider as junior synonyms to both *inusta* e *hirsute*, meanwhile *P. monachus* as valid species; 12 Considered as *Oreonax flavicauda* by CITES (2023) and Peruvian Legislation (DS 004-2014-MINAGRI); 13 Considered as *Lagothrix cana* by Peruvian Legislation (DS 004-2014-MINAGRI); 14 Considered as *Lagothrix cana tschudii* by Solari *et al*. (2006) and the species *L. lagothricha* categorized as "Endangered" (DS 004-2014-MINAGRI); 15 Considered as *Sciurus ignitus* by Vivar (2006) and Peruvian Legislation (DS 004-2014-MINAGRI), *Notosciurus pucheranii* by Patton *et al*. (2015), and updated as *Hadrosciurus ignitus* following Pacheco *et al*. (2021); 16 Considered as *Sciurus pyrrhinus* by IUCN (2023) and Peruvian Legislation (DS 004-2014-MINAGRI); 17 Solari *et al*. (2006) suggests that it could be *S. pyrrhinus*, whereas Medina *et al*. (2012) and Aquino *et al*. (2022) recorded it as "sp."; 18 Guevara-Torres *et al*. (2021) identified it as *Hylaeamys* cf. *H. perennensis*, but it is very likely that it is *H. perennensis* and here it is considered as such in order not to overestimate species; 19 identified in this study within group *Neacomys amoenus* "Northern" following Sánchez-Vendizú *et al.* (2018); 20 Considered as *Nectomys garleppi* by Solari *et al.* (2006), *N. apicalis* by Medina *et al.* (2012), and updated as *N. apicalis* following Pacheco *et al.* (2021); 21, 22 Considered as two new species of *Thomasomys* by Solari *et al*. (2006); 23 Considered as *Isothrix* sp. nov. by Solari *et al.* (2006) and named *I. barbarabrownae* by Patterson and Velazco (2006); 24 This species is categorized as "Endangered" according to IUCN (2023) and inhabits the eastern region of Pernambuco (Brazil); 25 Considered as *Herpailurus yagouaroundi* by Cossíos and Ricra-Zevallos (2019); 26 Considered as *Nasuella olivacea* by Peruvian Legislation (DS 004-2014-MINAGRI); 27 Species recorded by Solari *et al.* (2006); 28 Species recorded by Medina *et al.* (2012); 29 Species recorded as *Neacomys* sp. nov. by Solari *et al.* (2006) but updated by Caccavo and Weksler (2021) as *N. musseri*; 30 Pillco Huarcaya *et al.* (2020) registered this species by incidental records in the altitudinal range <800-1,920>; 31 Considered as *Dasyprocta kalinowskii* in order not to overestimate species.