

Appendix 1. Institutional abbreviations and specimens examined for comparative study and cladistic analysis.

**Institutional Abbreviations:** **AMU-CURS**, Colección de Paleontología de Vertebrados de la Alcaldía de Urumaco, Estado Falcón, Venezuela; **AMNH**, American Museum of Natural History, New York, United States; **IGM**, INGEOMINAS, Bogotá, Colombia; **FLMNH**, Florida Museum of Natural History, Gainesville, USA; **MACN**, Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Buenos Aires, Argentina; **MCN-MA** and **MCN-PV**, Coleção de Mastozoologia and Coleção de Paleontologia de Vertebrados (respectively), Museu de Ciências Naturais, Fundação Zoobotânica do Rio Grande do Sul, Porto Alegre, Brazil; **MEPN**, Museo de Historia Natural “Gustavo Orcés”, Escuela Politécnica Nacional, Quito, Ecuador; **MLP**, Museo de La Plata, La Plata, Argentina; **MN**, Museu Nacional, Rio de Janeiro, Brazil; **MZUSP**, Museu de Zoologia da Universidade de São Paulo, São Paulo, Brazil; **UNIRIO-PM**, Coleção de Paleontologia, Laboratório de Mastozoologia, Universidade Federal do Estado do Rio de Janeiro, Rio de Janeiro, Brazil; **YPM-PU**, Princeton University Collection at Yale Peabody Museum of Natural History, New Haven, U.S.A.; **ZMK**, Zoologisk Museum, Copenhagen, Denmark.

*Nanoastegotheerium prostaticum*: IGM 183912 (holotype).

*Anadasypus hondanus*: IGM 183499 (holotype), 183320, 183372, 183448, 183529, 183862, 184523.

*Anadasypus aequatorianus*: MEPN 4363 (holotype), 4361.

*Propraopus sulcatus*: MACN 1610, 1630, 7027, 17989, MACN-A 1170, 10989, 11108, MLP 58-IX-3-26, 69-IX-9-9, 90-V-1-4; UNIRIO-PM 1120–1164; photos in Winge (1915: pl. V.3, 4).

*Dasypus hybridus*: MLP 1-I-03-65, 3-X-96-1, 1-I-03-67, 1-I-03-69, 1-I-03-70, 3-X-94-3.

*Dasypus kappleri*: MZUSP 8950, 24798, AMNH 136251, 136253, 267011, 76573; MN 20581, 26931, 42853, 42854.

*Dasypus novemcinctus*: MCN-MA 99, 986, 2788, 2836, 3021, MZUSP 7996, 10431, 13800, 13801, 20189; MN 5789, 26915, 27945, 42850, 75225, 30687, 24465, 10044, 51653, 5006.

*Dasypus septemcinctus*: MZUSP 5111, 8111, 19983, 19984; MN 2366, 2367, 2370, 2693, 4291, 10062, 10071, 10091, 23989, 23997.

*Dasypus punctatus*: ZMK 1/1845:13767 (lectotype); MN 552-V; MCN-PV 009, 014.

*Dasypus bellus*: AMNH FM 23542 (holotype), 23543–23546, 92263; FLMNH 224700, 201289, 61906, 2910, 2478.