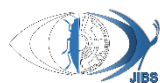


Original Article 

An updated checklist of Lucanidae (Coleoptera: Scarabaeoidea) of Peru

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ABSTRACT. Based on a compilation of bibliographic records and examination of specimens deposited in institutional and private entomological collections, an updated checklist of the Lucanidae of Peru is given. This updated version includes 47 species (with one subspecies) arranged into 14 genera, three tribes, and one subfamily, with 34 species recorded only from Peru. The genera *Sphaenognathus* Buquet, 1838, *Aegognathus* Leuthner, 1883, *Incadorcus* Arnaud & Bomans, 2006 and *Onorelucanus* Bartolozzi & Bomans, 1989 are the most diverse ones. *Cantharolethrus steinheili* Parry, 1875 and *Aegognathus leuthneri* Van der Poll, 1886 are excluded from the Peruvian fauna. The details of the regional and provincial distribution of species are presented. Additionally, photographs of some Peruvian species are included.

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INTRODUCTION

The Lucanidae, commonly known as stag beetles, includes four subfamilies, 156 genera, and nearly 1,850 species described worldwide (Paulsen 2026; Schoolmeesters 2026). The Lucanidae in the New World comprises nearly 240 described species, with South America one of the most diverse (Schoolmeesters 2026). Most of South American stag beetle species are restricted to the Brazilian Atlantic Forest and the Tropical Andes, two of the most important biodiversity hotspots in the world (Myers et al. 2000; Soares et al. 2025). According to Ratcliffe et al. (2015), 40 species of Lucanidae have been recorded from Peru, classified into 14 genera, 3 tribes, and one subfamily, being the most recent checklist of the stag beetles specifically compiled for the Peruvian territory.

In the recent years, various studies including descriptions of new taxa, taxonomic revisions, records of species and new regional and world checklists have contributed substantially to increase our knowledge of Peruvian lucanids fauna (Schenk 2017a, 2017b; Cáceres et al. 2019; Cáceres & Grossi 2023; Yi 2023; Kobayashi & Gao 2025; Soares et al. 2025; Amorín et al. 2026; Paulsen 2026; Soares & Grossi 2026). Therefore, the checklist presented herein provides an updated account of names and distribution of Lucanidae species recorded from Peru.

MATERIALS AND METHODS

The data used in this updated checklist are derived mainly from the Peruvian checklist compiled by Ratcliffe et al. (2015), and from the New World catalogue compiled by Paulsen (2026). In addition, we examined some specimens (including types, either through direct examination or through photographs) deposited in the following entomological collections: **CERPE**—Coleção Entomológica da Universidade Federal Rural de Pernambuco, Recife, Brazil; **CMPC**—Christian Molls Private Collection, Aachen, Germany; **CPFA**—Collection Patrick and Florent Arnaud, Saintry, France; **DYC**—Doooseok Yi Collection,

Japan; **DZUP**—Coleção Entomológica Padre Jesús Santiago Moure, Universidade Federal do Paraná, Curitiba, Brazil; **KDS**—Klaus-Dirk Schenk, Wehretal, Germany; **LBC**—Levet Bernard Collection, France; **MACN**—Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", Argentina; **MEL**—Museo Entomológico de León, León, Nicaragua; **MNHAH**—Museum of Nature and Human Activities, Hyogo, Japan; **MNHN**—Muséum National d'Histoire Naturelle, Paris, France; **MUSM**—Museo de Historia Natural de la Universidad Nacional Mayor de San Marcos, Lima, Peru; **MVMA**—Museums Victoria Collection, Melbourne, Australia; **MZUF**—Museo di Storia Naturale, Sezione di Zoologia "La Specola", Firenze, Italy; **NHMUK**—The Natural History Museum [formerly British Museum (Natural History)], London, United Kingdom; **QCAZ**—Pontificia Universidad Católica del Ecuador, Catholic Zoology Museum, Quito, Ecuador; **SIC**—Sergei Ivanov Collection, Vladivostok, Russia; **MTD**—Museum für Tierkunde, Dresden, Alemania; **TSC**—Tobias Seifert Collection, Salzburg, Austria; **UNSM**—University of Nebraska State Museum, Lincoln, USA; **USC**—Udo Schmidt Private Collection "Beetles of the World", Germany; **USNM**—National Museum of Natural History, [formerly, United States National Museum], Washington D.C., United States of America; **WDPC**—Wojciech Duda Private Collection, Poland; **ZMHB**—Museum für Naturkunde, Berlin, Germany.

In the checklist, the nomenclature and higher classification of the species primarily follow Paulsen (2026). Subfamilies, tribes, genera, and species are listed alphabetically within their higher taxa. When distributional data are from the literature, the corresponding authors are cited. All data from the examined material are transcribed verbatim from the original labels, while the number of specimens examined for each species is given in parentheses. Remarks are provided when appropriate.

RESULTS

This updated checklist records a total of 47 species of Lucanidae in Peru, classified into 14 genera, three tribes, and one subfamily. The most diverse genera are *Sphaenognathus* Buquet, 1838 (eight species), *Aegognathus* Leuthner, 1883 (seven species), *Incadorcus* Arnaud & Bomans, 2006 and *Onorelucanus* Bartolozzi & Bomans, 1989 (six species each), *Cantharolethrus* Thomson, 1862, *Arnaudius* Grossi & Bartolozzi, 2011 and *Sclerodorcinus* Soares & Grossi, 2025 (four species each). These are followed by *Metadorcinus* Kriesche, 1922 (two species) and *Orotropes* Amorim & Paulsen, 2026, *Brasilucanus* Vulcano & Pereira, 1961, *Andinolucanus* Arnaud & Bomans, 2006a, *Auxicerus* Waterhouse, 1883, *Metadorcus* Parry, 1870 and *Scortizus* Westwood, 1834 (one species each). Most species belong to the tribe Sclerostomini (37 species), followed by Chiasognathini (nine species) and Figulini, which has only one species. In Addition, of the 47 recorded species, 34 species (including one subspecies) are known only from Peru.

Order Coleoptera Linnaeus, 1758

Superfamily Scarabaeoidea Latreille, 1802

Subfamily Lucaninae Latreille, 1804

Tribe Chiasognathini Burmeister, 1847

Genus *Orotropes* Amorim & Paulsen, 2026

Orotropes asenjoii Amorim & Grossi, 2026

Orotropes asenjoii Amorim & Grossi [in Amorin et al.] 2026:9. Holotype ♂ (MUSM). – Peru.

Distribution. NEOTROPICAL: Peru: La Libertad (Pataz) (Amorin et al. 2026; Paulsen 2026).

Genus *Sphaenognathus* Buquet, 1838

Sphaenognathus alticollis Möllenkamp, 1912

Sphaenognathus alticollis Möllenkamp 1912:302. Holotype ♂ (MNHN). – Peru.

Syn.: *Sphaenognathus matheusi* Bartolozzi, Bomans & Onore, 1992:211.

Material Examined. (1). 1♀, Peru, Huánuco, Túnel de Carpath, 19.XI.2025, Eva Ewens coll.

Distribution. NEOTROPICAL: Ecuador (Paulsen 2026); Peru: Huánuco (Carpish), Junín, San Martín (Río Huallaga) (Möllenkamp 1912; Mizunuma & Nagai 1994; Chalumeau & Brochier 2007; Ratcliffe et al. 2015; Amorin et al. 2026; Paulsen 2026).

***Sphaenognathus gaujoni* (Oberthür, 1885)**

Chiasognathus gaujoni Oberthür 1885:118. Syntype (MNHN). – Ecuador.

Syn.: *Sphaenognathus leoni* Lacroix, 1984:7.

Distribution. NEOTROPICAL: Ecuador (Oberthür 1885; Paulsen 2026); Peru: Huánuco (Tingo María) (Lacroix 1984; Chalumeau & Brochier 2007; Ratcliffe et al. 2015; Paulsen 2026).

***Sphaenognathus giganteus* Boileau, 1911 (Fig. 1A)**

Sphaenognathus giganteus Boileau 1911:428. Lectotype ♂ (NHMUK). – Bolivia.

Syn.: *Sphaenognathus manifestus* Jakowleff, 1901:176; *Sphaenognathus inca* Kreische, 1922:116; *Sphaenognathus cartereti* Lacroix, 1987:11.

Material Examined. (13). 1♀, [40 mm], (CMPC), Peru, San Martín, 16.X.2023; 2♂♂, [70 mm, 68 mm], (CMPC), Peru, Junín, Santo Domingo de Acobamba, 16.X.2023; 1♂, [73 mm], (USC), Peru, in Pedro, Manu Park, leg 10.I.1998; 1♂, [65 mm], (WDPC), Peru, Pasco, local colector; 1♂, [67 mm], (TSC), PERU, Junín, Satipo, XII.2021; 1♂, [70 mm], PERU, Dep. Amazonas, Pomacochas, IX.2010, Miroslav Hrdý coll; 1♂, [65 mm], Peru, Cusco, Wayqecha Biological Station, 13.IX.2017, R. Hoyer coll; Peru, Junín, Huancayo, Yanabamba, 2900 alt, 15.XI.2019, E. Kavaliauskas coll; Peru, Amazonas, Bongará, Yambrasbamba, VII.2019, Remco Hofland coll; 1♂, [70 mm], Peru, Ayacucho, rio warmamayo, 6.III.2024, F. Ortiz collector; 1♂, [64 mm], Peru, Cusco, Aguas Calientes, 02.IV.2026, colector Elías Lazo; 1♂, [70 mm], Perú, Pasco, Oxapampa, 03.III.2026, Carita Bergman coll; 1♂, [65 mm], Peru, Kosñipata, Cusco, 07.II.2026, Ariana Gálvez Castro coll.

Distribution. NEOTROPICAL: Bolivia (Boileau 1911; Paulsen 2026); Ecuador (Paulsen 2026); Peru: Amazonas (Laguna Pomacochas; Yambrasbamba), Ayacucho, Cusco (Aguas Calientes; Kosñipata), Huánuco, Junín (Acobamba; Satipo; Yanabamba), Madre de Dios, Pasco (Oxapampa), San Martín (Chalumeau & Brochier 2007; Ratcliffe et al. 2015; Paulsen 2026).

***Sphaenognathus monguilloni* Lacroix, 1972**

Sphaenognathus monguilloni Lacroix 1972:47. Holotype ♂ (MNHN). – Peru.

Material Examined. (3). 1♂, 40 mm (MVMA), PERU, Huánuco, Tingo María, 22.I.2023, A. Ramírez, coll, COL-145327, Graeme Krake Coll., Donated II.2007; 1♂ (MVMA), Peru, Uchiza Huallagas, 18.I.1984, *Sphaenognathus monguilloni*, COL-145329, Graeme Krake Coll., Donated II.2007; 1♀ (MVMA), Peru, Huanuco, 1986, *Sphaenognathus monguilloni*.

Distribution. NEOTROPICAL: Peru: Huánuco (Tingo María), San Martín (Uchiza) (Lacroix 1972; Mizunuma & Nagai 1994; Chalumeau & Brochier 2007; Ratcliffe et al. 2015; Paulsen 2026).

***Sphaenognathus peruvianus* (Waterhouse, 1869)**

Chiasognathus peruvianus Waterhouse 1869:18. Holotype ♂ (NHMUK). – Peru.

Syn.: *Sphaenognathus wallisi* Taschenberg, 1870:178.

Distribution. NEOTROPICAL: Ecuador (Paulsen 2026); Peru (recorded without specific locality) (Ratcliffe et al. 2015; Paulsen 2026).

***Sphaenognathus prionoides* (Buquet, 1838)**

Orthognathus prionoides Buquet 1838:104. Syntype (ZMHB). – Colombia.

Syn.: *Orthognathus albofuscus* Blanchard, 1842:plate 7; *Sphaenognathus bispinosus* Didier, 1928:11; *Sphaenognathus spinosus* Didier, 1928:11; *Sphaenognathus pristis* deLisle, 1970:91; *Sphaenognathus dentifer* Lacroix, 1972:33; *Sphaenognathus bidentatus* Ádám, 1986:15.

Distribution. NEOTROPICAL: Colombia (Buquet 1838; Paulsen 2026); Peru: San Martín (Cumbase) (de Lisle 1970; Ratcliffe et al. 2015; Paulsen 2026).

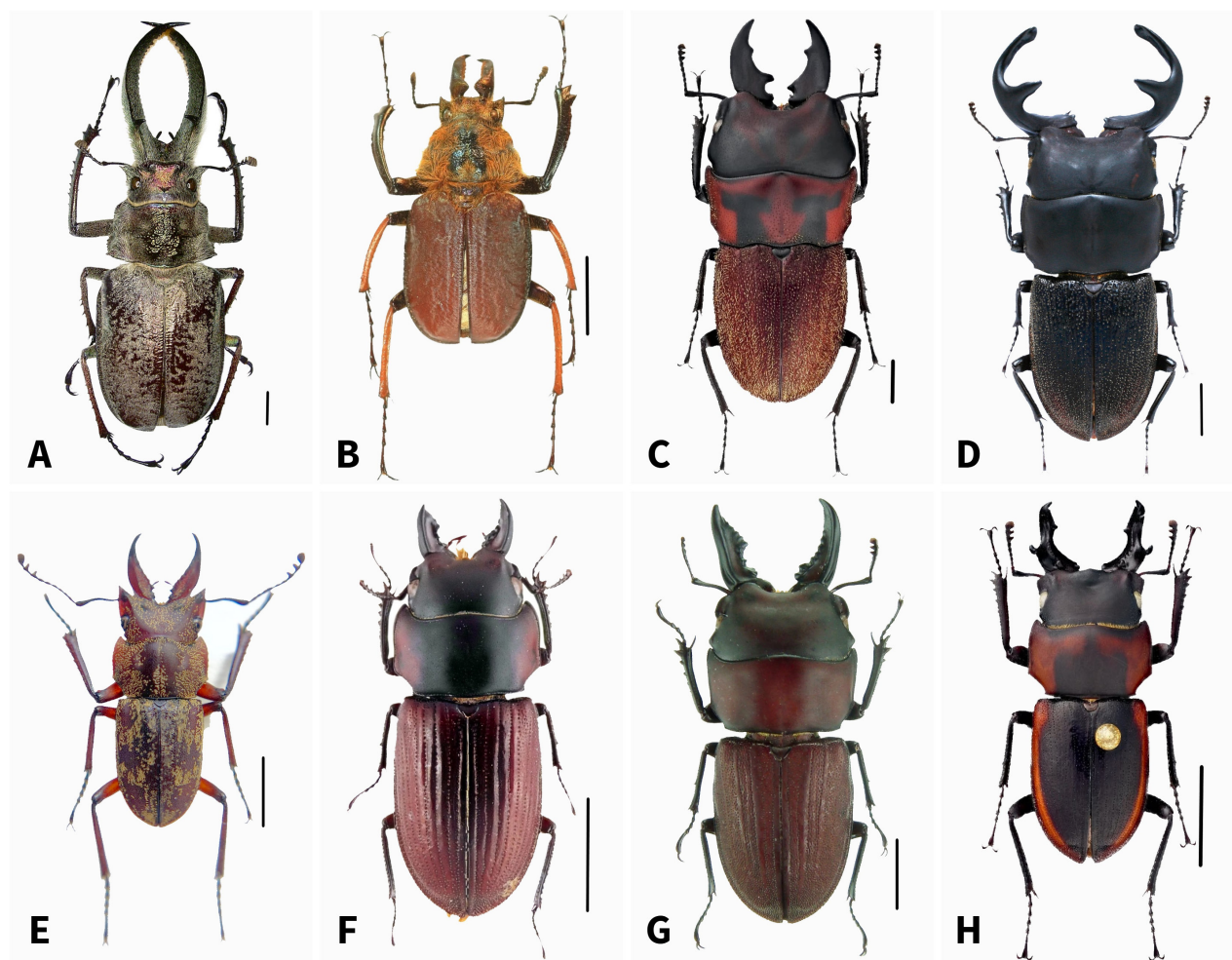


Figure 1. Some Peruvian Lucanidae (males). **A.** *Sphaenognathus giganteus* Boileau, 1911; **B.** *Sphaenognathus xerophilus* Bartolozzi & Onore, 2006; **C.** *Aegognathus aguirei* Arnaud & Bomans, 2007; **D.** *Aegognathus arnaudi* Cáceres, Ríos-Malaver & Grossi, 2019; **E.** *Auxicerus platyceps* Waterhouse, 1883; **F.** *Incadorcus cuzcoensis* Arnaud, Noguchi & Bomans, 2007; **G.** *Incadorcus zuger* Arnaud & Bomans, 2006; **H.** *Onorelucanus incredibilis* (Arnaud, Noguchi & Bomans, 2008). [Photo credit: A, by Udo Schmidt; C, by Lucalabo; D, by Sergei Ivanov; E, by Tashi Liang; by Lucalabo; others by the authors]. Scale bar: 10 mm A, B; others 5 mm.

Sphaenognathus rojasi Kobayashi & Gao, 2025

Sphaenognathus rojasi Kobayashi & Gao 2025:2. Holotype ♂ (UNSM). – Peru.

Distribution. NEOTROPICAL: Peru: Ayacucho (Huanta) (Kobayashi & Gao 2025; Paulsen 2026).

Sphaenognathus xerophilus Bartolozzi & Onore, 2006 (Fig. 1B)

Sphaenognathus xerophilus Bartolozzi & Onore 2006:364. Holotype ♂ (QCAZ). – Peru.

Material Examined. (4). 1♀, (NHMUK), PERU: Huancabamba district, Huancabamba, 2860 m, 2.I.2005 G. Onore legit, *Sphaenognathus* (*Chasiognathinus*) *xerophilus* n. sp., PARATYPUS, det. L. Bartolozzi & O. Onore II.2006, BMNH 2006-64, NHMUK010255942; 1♂, (NHMUK), PERU: Huancabamba district, Huancabamba 2860 m, 2.I.2005 G. Onore legit, *Sphaenognathus* (*Chasiognathinus*) *xerophilus* n. sp., PARATYPUS, det. L. Bartolozzi & O. Onore II.2006, BMNH 2006-64, NHMUK010255960; 1♂, [30 mm], Perú, Huancabamba, Canchaque, 03.07.2015, local collector; 1♂, [30 mm], Peru, Piura, Ayabaca, 05.I.2020, local collector.

Distribution. NEOTROPICAL: Peru: Piura (Huancabamba) (Bartolozzi & Onore 2006; Ratcliffe et al. 2015; Yi 2023; Paulsen 2026).

Tribe Figulini Burmeister, 1847

Genus *Brasilucanus* Vulcano & Pereira, 1961

Brasilucanus acomus Ratcliffe, 1984

Brasilucanus acomus Ratcliffe 1984:63. Holotype ♂ (USNM). – Brazil.

Distribution. NEOTROPICAL: Brazil, Peru: Loreto (Ratcliffe et al. 2015; Paulsen 2026).

Remark. Mentioned within tribe Brasilucanini Nikolajev, 1999 by Ratcliffe et al. (2015).

Tribe Sclerostomini Benesh, 1955

Genus *Aegognathus* Leuthner, 1883

Aegognathus aguirei Arnaud & Bomans, 2007 (Fig. 1C)

Aegognathus aguirei Arnaud & Bomans 2007:2. Holotype ♂ (CPFA). – Peru.

Material Examined. (2). 1♂, [25 mm], (SIC), Peru, Yambrasbamba, 2200 m, Jumbilla, Amazonas, XI.2018; 1♂, [24 mm], Peru, Amazonas, Rodríguez de Mendoza, Lucalabo collector.

Distribution. NEOTROPICAL: Peru: Amazonas (Rodríguez de Mendoza; Yambrasbamba), Ayacucho (Chalcos) (Arnaud & Bomans 2007; Ratcliffe et al. 2015; Cáceres & Grossi 2023; Yi 2023; Paulsen 2026).

Aegognathus arnaudi Cáceres, Ríos-Malaver & Grossi, 2019 (Fig. 1D)

Aegognathus arnaudi Cáceres, Ríos-Malaver & Grossi 2019:2152. Holotype ♂ (CERPE). – Peru.

Material Examined. (1). 1♂, [25 mm], (SIC), Chanchamayo prov., Junin reg., Peru, 29.XI.2022.

Distribution. NEOTROPICAL: Peru: Junín (Chanchamayo; Satipo) (Cáceres et al. 2019; Cáceres & Grossi 2023; Yi 2023; Paulsen 2026).

Aegognathus confusus Arnaud & Bomans, 2006

Aegognathus confusus Arnaud & Bomans 2006a:4. Holotype ♂ (CPFA). – Peru.

Distribution. NEOTROPICAL: Peru: Apurímac (Pomacocha) (Arnaud & Bomans 2006a; Ratcliffe et al. 2015; Cáceres & Grossi 2023; Paulsen 2026).

Aegognathus damasoi Arnaud & Bomans, 2006

Aegognathus leuthneri damasoi Arnaud & Bomans 2006c:2. Holotype ♂ (CPFA). – Peru.

Material Examined. (2). 1♂, [25 mm], Cajamarca, Peru, local collector; 1♂, [25 mm], (LBC), Pérou, Ayabaca, III.2012.

Distribution. NEOTROPICAL: Peru: Ayacucho (Chalcos), Cajamarca, Piura (Ayabaca; Sicchez), Huánuco (Carpish; La Unión-Llata) (Arnaud & Bomans 2006c; Ratcliffe et al. 2015; Cáceres & Grossi 2023; Yi 2023; Paulsen 2026).

Aegognathus similis Arnaud & Bomans, 2006

Aegognathus similis Arnaud & Bomans 2006a:5. Holotype ♂ (CPFA). – Peru.

Material Examined. (2). (SIC), Iquitos, Maynas, Loreto, Peru, III.2010; 1♂, [22 mm], PERU, Junin dep., Satipo prov., near Rio Venado vill, 1.VII.2022, Tashi Liang coll.

Distribution. NEOTROPICAL: Peru: Huánuco (Carpish; Chinchao), Junin (Satipo), Loreto (Iquitos) (Arnaud & Bomans 2006a; Ratcliffe et al. 2015; Cáceres & Grossi 2023; Yi 2023; Paulsen 2026).

Aegognathus soulai Arnaud & Bomans, 2004

Aegognathus soulai Arnaud & Bomans 2004:5. Holotype ♂ (CPFA). – Peru.

Material Examined. (1). 1♂, [25 mm], (LBC), Pérou, Huanuco, Tambogan, Paso-Carpish, 09.V.2008.

Distribution. NEOTROPICAL: Peru: Huánuco (Carpish; Tingo María; Tambogán) (Arnaud & Bomans 2004; Ratcliffe et al. 2015; Cáceres & Grossi 2023; Paulsen 2026).

Aegognathus waterhousei Leuthner, 1883

Aegognathus waterhousei Leuthner 1883:445. Holotype ♂ (NHMUK). – Peru.

Distribution. NEOTROPICAL: Peru: Junín (Satipo) (Ratcliffe et al. 2015; Cáceres & Grossi 2023; Yi 2023; Paulsen 2026).

Genus *Andinolucanus* Arnaud & Bomans, 2006

Andinolucanus inesae Arnaud & Bomans, 2006

Andinolucanus inesae Arnaud & Bomans 2006a:3. Holotype ♂ (CPFA). – Peru.

Material Examined. (1). 1♂, (LBC), Pérou, Huanuco, Tambogan, Paso-Carpish, VIII.2008.

Distribution. NEOTROPICAL. Peru: Huánuco (Chinchao; Tambogán) (Arnaud & Bomans 2006a; Ratcliffe et al. 2015; Paulsen 2026).

Genus *Arnaudius* Grossi & Bartolozzi, 2011

Arnaudius bomansi Grossi & Bartolozzi, 2011

Arnaudius bomansi Grossi & Bartolozzi 2011:388. Holotype ♂ (MZUF). – Peru.

Distribution. NEOTROPICAL. Peru: Huánuco (Carpish) (Grossi & Bartolozzi 2011; Ratcliffe et al. 2015; Paulsen 2026).

Arnaudius digennaro (Arnaud, Noguchi & Bomans, 2008)

Metadorcinus digennaro Arnaud, Noguchi & Bomans 2008:4. Holotype ♂ (CPFA). – Peru.

Distribution. NEOTROPICAL: Peru: Junín (Alto Perené) (Grossi & Bartolozzi 2011; Ratcliffe et al. 2015; Yi 2023; Paulsen 2026).

Arnaudius koikei (Arnaud, Noguchi & Bomans, 2007)

Sclerostomus koikei Arnaud, Noguchi & Bomans 2007:5. Holotype ♂ (CPFA). – Peru.

Distribution. NEOTROPICAL: Peru: Cusco (Kosñipata) (Grossi & Bartolozzi 2011; Ratcliffe et al. 2015; Paulsen 2026).

Arnaudius monnei Soares & Grossi, 2026

Arnaudius monnei Soares & Grossi 2026:2. Holotype ♂ (CERPE). – Peru.

Distribution. NEOTROPICAL: Peru: Cusco (Urubamba) (Soares & Grossi 2026).

Genus *Auxicerus* Waterhouse, 1883

Auxicerus platyceps Waterhouse, 1883 (Fig. 1E)

Auxicerus platyceps Waterhouse 1883:387. Holotype ♂ (NHMUK). – Peru.

Material Examined. (5). 1♂, (NHMUK), Peru, Chanchamayo, *Auxicerus platyceps* Waterhouse, 1883, HOLOTYPE, Det. M.J. Paulsen 2009, BMNH(E) # 606212; 1♂, [15 mm], (LBC), Pérou, Pasco, Cerro de Pasco, IX.2012; (LBC), Peru, Cusco, Huancarani district, 08.XI.2012; 1♂, [15 mm], Peru, Ucayali, 4.05.2026, Tashi Liang coll., *Auxicerus platyceps* Waterhouse 1883; 1♂, [15 mm], (CMPC), Satipo, Junín, Peru / X.2012.

Distribution. NEOTROPICAL: Bolivia (Paulsen 2026); Peru: Cusco (Huancarani), Junín (Chanchamayo; Satipo), Pasco (Cerro de Pasco; Puerto Bermúdez); Ucayali (Ratcliffe et al. 2015; Perger et al. 2017; Paulsen 2026).

Genus *Cantharolethrus* Thomson, 1862

Cantharolethrus azambrei Boileau, 1897

Cantharolethrus azambrei Boileau 1897:275. Syntype ♂ (MNHN). – Ecuador.

Material Examined. (4). 1♂, [35 mm], (LBC), Pérou, Piura, Tambogrande, IV.2010, *Cantharolethrus azambrei*; (MNHAH), Peru, Huánuco, Tingo María, 1976-02, B2129158, *Cantharolethrus azambrei*, Boileau, 1897; 1♂, [37 mm], (NHMUK), Peru, Tingo María, G Minot coll, IV.1978, Det. Hugues E. Bomans, BMNH(E) 408414; 1♂, [36 mm], (CMPC), Peru, Santa Martha, Castillo, Codo del Pozuzo, Huánuco, V.2021.

Distribution. NEOTROPICAL: Ecuador (Boileau 1897; Schenk 2017a; Paulsen 2026); Peru: Huánuco (Tingo María), Junín, Piura (Tambogrande), Ucayali (Ratcliffe et al. 2015; Schenk 2017a; Yi 2023; Paulsen 2026).

Cantharolethrus peruvianus Heller, 1918

Cantharolethrus peruvianus Heller 1918:74. Holotype (MTD). – Peru.

Syn.: *Cantharolethrus elongatus* Lacroix, 1982:23.

Material Examined. (6). (LBC), Pérou, Huanuco, Tingo Maria, IV.2010, *Cantharolethrus peruvianus*; 1♂, [33 mm], (MEL), Perú, Huánuco, Tingo María, 15.III.1980, J. Maes coll.; 1♂, [32 mm], (NHMUK), Peru, Tingo María, M V Rojas coll, 3-1962, Det. Hugues E. Bomans, *Cantharolethrus elongatus*, Lacroix, 1982, BMNH(E)400706; 1♂, (NHMUK), Peru, Junín, La Merced, XI.1904, Det. Hugues E. Bomans, *Cantharolethrus peruvianus*, Heller 1918, BMNH(E)405848; (NHMUK), Peru, Junín, Chanchamayo, Det. Hugues E. Bomans, *Cantharolethrus peruvianus*, Heller 1918, BMNH(E)405541; 1♂, [35 mm], (CMPC), Tingo María, Huánuco, PERU, 1985.

Distribution. NEOTROPICAL: Bolivia (Schenk 2017a; Paulsen 2026); Peru: Huánuco (Tingo Maria), Junín (Chanchamayo; La Merced, Satipo), San Martín (Río Huallaga) (Heller 1918; Schenk 2017a; Yi 2023; Paulsen 2026).

Cantharolethrus pseudobuckleyi Yi, 2023

Cantharolethrus pseudobuckleyi Yi 2023:7. Holotype ♂ (DYC). – Peru.

Distribution. NEOTROPICAL: Peru: Amazonas (Rodríguez de Mendoza), San Martín (Sanchima) (Yi 2023; Paulsen 2026).

Cantharolethrus steinheili kirchneri Schenk, 2017

Cantharolethrus steinheili kirchneri Schenk 2017b:6. Holotype ♂ (KDS). – Peru.

Material Examined. (5). 1♂, [33 mm], (LBC), Pérou, Maynas, Mazan, I.2007, *Cantharolethrus steinheili kirchneri*; 1♂, [33 mm], (LBC), Pérou, Oxapampa, Villa Rica, XII.2010, *Cantharolethrus steinheili kirchneri*; 1♂, [35 mm], (CMPC), Cordillera de Carpish, Huánuco, Peru, IX.2020; 1♂, [33 mm], (CMPC), Peru, Amazonas, Rodríguez de Mendoza, IV.2021; 1♀, [26 mm], (CMPC), Oxapampa, Pasco, Peru, VI.2016.

Distribution. NEOTROPICAL: Peru: Amazonas (Rodríguez de Mendoza), Huánuco (Tingo María), Junín (Satipo), Loreto (Maynas), Pasco (Oxapampa), San Martín (Tarpoto) (Schenk 2017a, 2017b; Yi 2023; Paulsen 2026).

Genus *Incadorcus* Arnaud & Bomans, 2006

Incadorcus ashaninka Grossi, 2011

Incadorcus ashaninka Grossi 2011:4. Holotype ♂ (DZUP). – Peru.

Distribution. NEOTROPICAL: Peru: Junín (Satipo) (Grossi 2011; Ratcliffe et al. 2015; Paulsen 2026).

***Incadorcus cuzcoensis* Arnaud, Noguchi & Bomans, 2007 (Fig. 1F)**

Incadorcus zugerii cuzcoensis Arnaud, Noguchi & Bomans 2007:6. Holotype ♂ (CPFA). – Peru.

Distribution. NEOTROPICAL: Peru: Cusco (Kosñipata), Huánuco (Chinchao) (Grossi 2011; Ratcliffe et al. 2015; Paulsen 2026).

***Incadorcus damasoi* Arnaud & Bomans, 2006**

Incadorcus damasoi Arnaud & Bomans 2006b:2. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Piura (Sicchez) (Arnaud & Bomans 2006b; Grossi 2011; Ratcliffe et al. 2015; Paulsen 2026).

***Incadorcus michelleae* Arnaud & Bomans, 2006**

Incadorcus michelleae Arnaud & Bomans 2006c:2. Holotype ♂ (CFPA). – Peru.

Syn.: *Incadorcus kirchneri* Schenk, 2006:3

Distribution. NEOTROPICAL: Peru: Huánuco (Carpish; Chinchao) (Arnaud & Bomans 2006c; Grossi 2011; Ratcliffe et al. 2015; Paulsen 2026).

***Incadorcus shaunai* Arnaud, Noguchi & Bomans, 2007**

Incadorcus shaunai Arnaud, Noguchi & Bomans 2007:4. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Pasco (Pozuzo) (Arnaud et al. 2007; Grossi 2011; Ratcliffe et al. 2015; Paulsen 2026).

***Incadorcus zugerii* Arnaud & Bomans, 2006 (Fig. 1G)**

Incadorcus zugerii Arnaud & Bomans 2006a:4. Holotype ♂ (CFPA). – Peru.

Material Examined. (2). 1♂, [20 mm], Peru, Tingo Maria valley, Huánuco, 25.III.2024; 1♂, [20 mm], Peru, Satipo, Junín, 13.III.2022.

Distribution. NEOTROPICAL: Peru: Huánuco (Carpish; Chinchao), Junín (Satipo) (Arnaud & Bomans 2006a; Grossi 2011; Ratcliffe et al. 2015; Paulsen 2026).

Genus *Metadorcinus* Kriesche, 1922***Metadorcinus beneshi* (Martínez, 1953)**

Sclerostomus beneshi Martinez 1953:43. Holotype ♂ (MACN). – Argentina.

Distribution. NEOTROPICAL: Argentina (Martínez 1953); Colombia (Paulsen 2026); Ecuador (Paulsen 2026); Peru (recorded without specific locality) (Ratcliffe et al. 2015; Paulsen 2026).

***Metadorcinus lineatus* (Deyrolle, 1864)**

Sclerostomus lineatus Deyrolle 1864:319. Holotype (MNHN). – Peru.

Distribution. NEOTROPICAL: Peru (recorded without specific locality) (Ratcliffe et al. 2015; Paulsen 2026).

Genus *Metadorcus* Parry, 1870***Metadorcus ebeninus* (Deyrolle, 1864)**

Platycerus ebeninus Deyrolle 1864:317. Holotype (MNHN). – Brazil.

Distribution. NEOTROPICAL: Brazil (Deyrolle 1864; Paulsen 2026); Peru (recorded without specific locality) (Ratcliffe et al. 2015; Paulsen 2026).

Genus *Onorelucanus* Bartolozzi & Bomans, 1989

Onorelucanus boileau (Weinreich, 1960)

Sclerostomus boileau Weinreich 1960:81. Holotype (MNHN). – Peru.

Distribution. NEOTROPICAL: Peru: La Libertad (Huamachuco) (Ratcliffe et al. 2015; Paulsen 2026).

Onorelucanus heenamimae Yi, 2023

Onorelucanus heenamimae Yi 2023:10. Holotype ♂ (DYC). – Peru.

Distribution. NEOTROPICAL: Peru: Piura (Huancabamba: Canchaque) (Yi 2023; Paulsen 2026).

Onorelucanus incredibilis (Arnaud, Noguchi & Bomans, 2008) (Fig. 1H)

Pseudoscortizus incredibilis Arnaud, Noguchi & Bomans 2008:3. Holotype ♂ (CFPA). – Peru.

Material Examined. (1). 1♂, [15 mm], Peru, Junín, Lucalabo coll.

Distribution. NEOTROPICAL: Peru: Junín (San Luis) (Arnaud et al. 2008; Ratcliffe et al. 2015; Paulsen 2026).

Onorelucanus marujae (Arnaud, Noguchi & Bomans, 2008)

Sclerostomus marujae Arnaud, Noguchi & Bomans 2008:5. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Junín (San Luis) (Arnaud et al. 2008; Ratcliffe et al. 2015; Paulsen 2026).

Onorelucanus noguchii (Arnaud & Bomans, 2007)

Sclerostomus noguchii Arnaud & Bomans 2007:3. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Ayacucho (Chalcos) (Arnaud & Bomans 2007; Ratcliffe et al. 2015; Paulsen 2026).

Onorelucanus pulverosus (Westwood, 1875)

Scortizus pulverosus Westwood 1875:243. Syntype (MNHN). – Colombia.

Syn.: *Scortizus ismaeli* Fukinuki, 2004: 32.

Distribution. NEOTROPICAL: Colombia (Westwood 1875; Paulsen 2026); Ecuador (Paulsen 2026); Peru (recorded without specific locality) (Yi 2023; Paulsen 2026).

Genus *Sclerodorcinus* Soares & Grossi, 2025

Sclerodorcinus bartolozzii (Arnaud & Bomans, 2007)

Sclerostomus bartolozzii Arnaud & Bomans 2007:3. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Ayacucho (Chalcos) (Arnaud & Bomans 2007; Ratcliffe et al. 2015; Soares et al. 2025; Paulsen 2026).

Sclerodorcinus damasoi (Arnaud & Bomans, 2006)

Sclerostomus damasoi Arnaud & Bomans 2006b:3. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Amazonas (Alto Nieva), Huánuco (Carpish; La Unión-Llata), Piura (Ayabaca: Sicchez) (Arnaud & Bomans 2006b; Ratcliffe et al. 2015; Soares et al. 2025; Paulsen 2026).

Remarks. Mentioned previously as *Sclerostomus damasoi* Arnaud & Bomans, 2006 by Ratcliffe et al. (2015).

***Sclerodorcinus wendyae* (Arnaud & Bomans, 2006)**

Sclerostomus wendyae Arnaud & Bomans 2006c:3. Holotype ♂ (CFPA). – Peru.

Syn.: *Sclerostomus kirchneri* Schenk, 2006:1.

Distribution. NEOTROPICAL: Peru: Huánuco (Carpish; Chinchao), Piura (Ayabaca: Sicchez) (Arnaud & Bomans 2006c; Ratcliffe et al. 2015; Soares et al. 2025; Paulsen 2026).

***Sclerodorcinus yamauchii* (Arnaud, Noguchi & Bomans, 2007)**

Metadorcinus yamauchii Arnaud, Noguchi & Bomans 2007:4. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Cusco (Kosñipata), Junín (Satipo), Pasco (Oxapampa: Pozuzo) (Arnaud et al. 2007; Ratcliffe et al. 2015; Soares et al. 2025; Paulsen 2026).

Genus *Scortizus* Westwood, 1834***Scortizus prodigiosus* Arnaud, Noguchi & Bomans, 2007**

Scortizus prodigiosus Arnaud, Noguchi & Bomans 2007:2. Holotype ♂ (CFPA). – Peru.

Distribution. NEOTROPICAL: Peru: Cusco (Arnaud et al. 2007; Ratcliffe et al. 2015; Paulsen 2026).

DISCUSSION

This checklist expands on the latest count of Lucanidae in Peru compiled by Ratcliffe et al. (2015), adding 6 species. As for distribution, Peruvian lucanids are more diverse in Paramo, Yungas, and Puna biogeographic provinces (Morrone 2014; Morrone et al. 2022), associated with high-elevation ecosystems (Up to nearly 3,000 m), while some species occur in the Ucayali biogeographic region, associated with forest regions and transition zones between the Amazon regions and the Andean high-elevation ecosystems. In Addition, of the 34 species of Lucanidae known only from Peru, most have been recorded from high-elevation ecosystems (Paramo, Yungas and Puna provinces), and some have been recorded from jungle regions (Ucayali province). It is important to note that the Ucayali and Yungas biogeographic provinces are two regions noted for their remarkable levels of endemism and speciation (Morrone 2014).

It is important to note that *Cantharolethrus steinheili* Parry, 1875, and *Aegognathus leuthneri* Van der Poll, 1886, both cited in Ratcliffe et al. (2015), are excluded from the Peruvian fauna; according to Schenk (2017b), *C. steinheili* is distributed in Colombia, while *A. leuthneri*, according to Cáceres & Grossi (2023), is distributed in Ecuador and likely in Colombia. Although Juárez (2018) and Juárez-Noé & González-Coronado (2018, 2019) record the genus *Psilodon* Perty, 1830 for the Piura region, it has been omitted from the current checklist because the specimen has not yet been identified at the species level. With this updated checklist, Peru has the second highest number of stag beetle species among South American countries, after Brazil (78 species), followed by Chile (37 species), Ecuador (25 species), and Colombia (19 species) (Cáceres et al. 2023; Mondaca 2023; Paulsen 2026).

AUTHOR CONTRIBUTIONS

The authors confirm their contributions to the paper as follows: G. Juárez-Noé: Conceptualized and wrote the manuscript, identified the specimens, checked the validity of records, and revised the manuscript; U. González-Coronado: Conceptualized and wrote the manuscript, identified the specimens, and revised the manuscript. The authors read and approved the final version of the manuscript.

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AVAILABILITY OF DATA AND MATERIAL

The specimens listed in this study are deposited in NHMUK, CMPC, LBC, MEL, MNHA, MVC, SIC, TSC, USC, WDPC and are available from each collection curator, upon request.

ETHICS APPROVAL AND CONSENT TO PARTICIPATE

This study only included arthropod material, and all required ethical guidelines for the treatment and use of animals were strictly adhered to in accordance with international, national, and institutional regulations. No human participants were involved in any studies conducted by the authors for this article.

CONSENT FOR PUBLICATION

Not applicable.

CONFLICT OF INTERESTS

The authors declare that there is no conflict of interest regarding the publication of this paper.

GENERATIVE AI STATEMENT

No generative AI tools were used in the preparation of this manuscript.

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فهرست روزآمد خانواده Lucanidae (Coleoptera: Scarabaeoidea) پرو

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چکیده: از طریق گردآوری سوابق کتابشناختی و بررسی نمونه‌های موجود در مجموعه‌های حشره‌شناسی دولتی و خصوصی، فهرست روزآمد گونه‌های خانواده Lucanidae کشور پرو ارائه شد. این نسخه روزآمد شامل ۴۷ گونه (با یک زیرگونه) است که در ۱۴ جنس، سه قبیله و یک زیرخانواده طبقه‌بندی شده‌اند. از این تعداد، ۳۴ گونه تنها از کشور پرو گزارش شده‌اند. جنس‌های *Sphaenognathus* Buquet, 1838، *Aegognathus* Leuthner, 1883، *Incadorcus* Arnaud & Bomans, 2006 و *Onorelucanus* Bartolozzi & Bomans, 1989 بیشترین تنوع را دارند. نام دو گونه، شامل *Cantharolethrus steinheili* Parry, 1875 و *Aegognathus leuthneri* Van der Poll, 1886 از فهرست فون کشور پرو حذف شد. اطلاعات مربوط به انتشار منطقه‌ای و استانی گونه‌ها ارائه شد. علاوه بر این، تصاویری از برخی گونه‌های شاخص نیز ارائه شد.

واژگان کلیدی: بوم‌زادگی، ناحیه نئوتروپیک، آمریکای جنوبی، سوسک‌های گوزنی، استان یانگا