

***Luispenaia paulseni* Mondaca, Pizarro-Araya, & Alfaro, 2025 (Coleoptera: Scarabaeidae: Melolonthinae: Tanyproctini) made available**

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The missing holotype depository information, along with a diagnosis of *Luispenaia paulseni* **new species**, is provided to make the name available under the conditions required by the ICZN (1999). Mondaca *et al.* (2019) reviewed the species of the genus *Luispenaia* Martínez, 1972 (Coleoptera: Scarabaeidae: Melolonthinae: Tanyproctini) from the Atacama Desert in northern Chile and described three new species. In that contribution, the holotype depository was not included for one of the new species, *Luispenaia paulseni*. According to the ICZN (1999: Article 16.4.2), the name is not available unless the holotype deposition is explicitly stated. Here, we rectify this problem and provide a diagnosis to make the name available under the conditions required by the ICZN (1999). The data from the holotype labels and the rest of the specimens in the type series are cited verbatim.

***Luispenaia paulseni* Mondaca, Pizarro-Araya, & Alfaro, 2025, new species**

Type material. Holotype male at Museo Nacional de Historia Natural (Santiago, Chile), labeled: a) “CHILE ANTOFAGASTA / Qda. Los Yales, Paposo / 25°00'27.7"S / 70°26'48.3"O; 617 m / 27-X-2015, t. luz blanca / col. J. Pizarro-F. Alfaro”, b) “*Luispenaia / paulseni* sp. nov. / Mondaca, Pizarro-Araya, & Alfaro / HOLOTYPE” (red label, typeset). One male paratype at the José Mondaca E. Collection (Villa Alemana, Chile) and one male paratype at the Laboratorio de Entomología Ecológica, Universidad de La Serena (La Serena, Chile) labeled as holotype except: b) “*Luispenaia / paulseni* sp. nov. / Mondaca, Pizarro-Araya, & Alfaro / PARATYPE” (yellow label, typeset)”. One male paratype at the Juan Enrique Barriga T. Collection (Curicó, Chile) labeled: a) “15-018 / CHILE, prov. Antofagasta, / Paposo, quebrada, 27/30 oct / 2015, 770 msnm, luz UV / 25°00'16.7"2S 70°26'36.38"W / leg. J.E. Barriga-Tuñón J. / Pizarro, F. Alfaro, R. Botero, R. Muñoz”, b) “*Luispenaia / paulseni* sp. nov. / Mondaca, Pizarro-Araya, & Alfaro / PARATYPE” (yellow label, typeset)”. One male paratype at the José Mondaca E. Collection (Villa Alemana, Chile) labeled: a) “CHILE ANTOFAGASTA / Paposo / Oct/Dic-2002 / col. M. Ferrú”, b) “*Luispenaia / paulseni* sp. nov. / Mondaca, Pizarro-Araya, & Alfaro / PARATYPE” (yellow label, typeset)”. One male paratype at the José Mondaca E. Collection (Villa Alemana, Chile) labeled: a) “CHILE ATACAMA / 1 km N. de Bahía Salada / 25-I-1991 / leg. M. Guerrero”, b) “*Luispenaia / paulseni* sp. nov. / Mondaca, Pizarro-Araya, & Alfaro”. One male paratype at the Laboratorio de Entomología Ecológica, Universidad de La Serena (La Serena, Chile) labeled: a) “CHILE COQUIMBO / Ovalle, Lagunillas / 27-X-1989 / col. E. Vasquez”, b). “*Luispenaia / paulseni* sp. nov. / Mondaca, Pizarro-Araya, & Alfaro / PARATYPE” (yellow label, typeset)”.

Diagnosis. This species is distinguished from all other species in the genus *Luispenaia* by the following combination of characters: body flattened, dorsally dark brown or black on head, pronotum and scutellum, legs, elytra light brown, shiny. Clypeus distally straight and upturned, with lateral margins rounded and reflexed upturned; lateral margin between clypeal base and ocular canthus very projected as external rounded lobule. Antennae with eight antennomeres; club with three antennomeres. Pronotum approximately subhexagonal, laterally angled, with sparse dorsal setae.

Full description and figures. Mondaca *et al.* 2019: 554, 556–557; figs. 11, 15, 21–23.

Acknowledgments

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References

- ICZN [International Commission on Zoological Nomenclature] (1999) *International Code of Zoological Nomenclature*. 4th Edition. The International Trust for Zoological Nomenclature, London, 306 pp.
- Mondaca, J., Pizarro-Araya, J. & Alfaro, F. (2019) Revision of the genus *Luispenaia* Martínez (Coleoptera: Scarabaeidae: Melolonthinae: Tanyproctini), with description of three new species from the Atacama Desert, Chile. *Zootaxa*, 4615 (3), 549–562.
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