

INSECTA MUNDI

A Journal of World Insect Systematics

0170

Lesageana Medvedev, 2003 a new synonym of *Trichispa* Chapuis, 1875
(Coleoptera: Chrysomelidae: Cassidinae)

C. L. Staines

Department of Entomology, MRC 187
National Museum of Natural History, Smithsonian Institution
Washington, DC 20013-7012, U.S.A.

Date of Issue: April 15, 2011

C. L. Staines

Lesageana Medvedev, 2003 a new synonym of *Trichispa* Chapuis, 1875 (Coleoptera: Chrysomelidae: Cassidinae)

Insecta Mundi 0170: 1-2

Published in 2011 by

Center for Systematic Entomology, Inc.

P. O. Box 141874

Gainesville, FL 32614-1874 U. S. A.

<http://www.centerforsystematicentomology.org/>

Insecta Mundi is a journal primarily devoted to insect systematics, but articles can be published on any non-marine arthropod. Topics considered for publication include systematics, taxonomy, nomenclature, checklists, faunal works, and natural history. **Insecta Mundi** will not consider works in the applied sciences (i.e. medical entomology, pest control research, etc.), and no longer publishes book reviews or editorials. **Insecta Mundi** publishes original research or discoveries in an inexpensive and timely manner, distributing them free via open access on the internet on the date of publication.

Insecta Mundi is referenced or abstracted by several sources including the Zoological Record, CAB Abstracts, etc. **Insecta Mundi** is published irregularly throughout the year, with completed manuscripts assigned an individual number. Manuscripts must be peer reviewed prior to submission, after which they are reviewed by the editorial board to ensure quality. One author of each submitted manuscript must be a current member of the Center for Systematic Entomology.

Managing editor: Paul E. Skelley, e-mail: insectamundi@gmail.com

Production editor: Michael C. Thomas & Ian Stocks, e-mail: insectamundi@gmail.com

Editorial board: J. H. Frank, M. J. Paulsen

Subject editors: G.B. Edwards, J. Eger, A. Rasmussen, F. Shockley, G. Steck, Ian Stocks, A. Van Pelt, J. Zaspel

Printed copies deposited in libraries of:

CSIRO, Canberra, ACT, Australia

Museu de Zoologia, São Paulo, Brazil

Agriculture and Agrifood Canada, Ottawa, ON, Canada

The Natural History Museum, London, Great Britain

Muzeum i Instytut Zoologiczny PAN, Warsaw, Poland

National Taiwan University, Taipei, Taiwan

California Academy of Sciences, San Francisco, CA, USA

Florida Department of Agriculture and Consumer Services, Gainesville, FL, USA

Field Museum of Natural History, Chicago, IL, USA

National Museum of Natural History, Smithsonian Institution, Washington, DC, USA

Zoological Institute of Russian Academy of Sciences, Saint-Petersburg, Russia

Electronic copies in PDF format:

Printed CD mailed to all members at end of year.

Florida Center for Library Automation: <http://purl.fcla.edu/fcla/insectamundi>

University of Nebraska-Lincoln, Digital Commons: <http://digitalcommons.unl.edu/insectamundi/>

Goethe-Universität, Frankfurt am Main: <http://edocs.ub.uni-frankfurt.de/volltexte/2010/14363/>

Author instructions available on the Insecta Mundi page at:

<http://www.centerforsystematicentomology.org/insectamundi/>

Printed copies deposited in libraries (ISSN 0749-6737)

Electronic copies in PDF format (On-Line ISSN 1942-1354, CDROM ISSN 1942-1362)

Copyright held by the author(s). This is an open access article distributed under the terms of the Creative Commons, Attribution Non-Commercial License, which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original author(s) and source are credited. <http://creativecommons.org/licenses/by-nc/3.0/>

Lesageana Medvedev, 2003 a new synonym of *Trichispa* Chapuis, 1875 (Coleoptera: Chrysomelidae: Cassidinae)

C. L. Staines

Department of Entomology, MRC 187
National Museum of Natural History, Smithsonian Institution
Washington, DC 20013-7012, U.S.A.
stainesc@si.edu

Abstract. *Lesageana paucispina* Medvedev, 2003 is placed into synonymy with *Trichispa sericea* (Guérin-Méneville, 1844), **new synonymy**. Resulting in the synonymy of the genera *Trichispa* Chapuis, 1875 and *Lesageana* Medvedev, 2003 (Coleoptera: Chrysomelidae: Cassidinae), **new synonymy**.

Key words. *Lesageana*; *Trichispa*; synonymy; Coleoptera; Chrysomelidae.

Medvedev (2003: 152) erected the genus *Lesageana* for the new species *paucispina* Medvedev from Guinea (holotype: Guinea, Dubreka, X.1987, leg. H. Chiasson, deposited in the L. LeSage collection) and placed it in the tribe Hispini (Coleoptera: Chrysomelidae). The original description compares it to the two monotypic genera *Callanispa* Uhmann, 1959 (type species: *C. rasa* Uhmann, 1959 from South Africa) and *Thomispa* Würmli, 1975a (type species: *Trichispa feae* Gestro, 1905 from St. Thomé Island (currently called São Tomé and Príncipe)). However, in the key to the Old World genera of Hispini (Würmli 1975b), *Lesageana* keys to couplet 20 containing *Trichispa* Chapuis, 1875 (type species: *Hispa sericea* Guérin-Méneville, 1844 with a single species known from Angola, Burundi, Cameroon, Congo, Eritrea, Ethiopia, Ivory Coast, Kenya, Madagascar, Mali, Nigeria, Rwanda, Senegal, South Africa, Sudan, Swaziland, Tanzania, Togo, Uganda, and Zaire) and *Philodonta* Weise, 1904 (type species: *Philodonta modesta* Weise, 1904 with three species: *P. chirinda* Maulik, 1919 known from Congo, Mozambique, and Zimbabwe; *P. modesta* Weise, 1904 known from India and Pakistan; and *Philodonta tuberculata* (Pic, 1924) known from Congo, Ivory Coast, and Rwanda). From the description of *Lesageana* I could find no characters to separate *Lesageana* from *Trichispa*.

While working on an updated key to the hispine genera of the world, I requested the type of *L. paucispina* from L. LeSage. He stated (pers. comm.) that the type of *Lesageana* was likely destroyed in a fire at his house in 2006 but might still be in the possession of Medvedev in Moscow.

Medvedev (pers. comm.) stated that the type was returned to LeSage and he was sorry to hear of the fire that destroyed it. He agreed with my assessment that *Lesageana* was indistinguishable from *Trichispa* saying that his erection of *Lesageana* was based on a single misidentified specimen of *T. sericea*.

Therefore, I am proposing, with Medvedev's cordial agreement, the following nomenclatural acts:

Trichispa Chapuis, 1875: 331. Type species: *Hispa sericea* Guérin-Méneville, 1844: 268.

Lesageana Medvedev, 2003: 152. Type species: *Lesageana paucispina* Medvedev, 2003: 152. **New Synonymy.**

Hispa sericea Guérin-Méneville, 1844: 268. Type: Madagascar, depository unknown.

Trichispa sericea (Guérin-Méneville): Chapuis 1875: 332 (transfer).

Lesageana paucispina Medvedev, 2003: 152. Type: Guinea, Dubreka, type destroyed. **New Synonymy.**

Acknowledgments

Susan L. Staines provided constant encouragement and proof-read the manuscript. Without her assistance this project would never have occurred. Alexander S. Konstantinov and Natalia J. Vandenberg, Systematic Entomology Laboratory, United States Department of Agriculture, provided helpful comments on earlier drafts of this manuscript. Their help is greatly appreciated.

Literature Cited

- Chapuis, F. 1875.** Famille des Phytophages. *In*: J. T. Lacordaire. Histoire naturelle des insectes. Genera des Coléoptères, Vol. 11, Encyclopédique de Roret; Paris. 420 p.
- Gestro, R. 1905.** Materiali per lo studio delle Hispidae XXIX. Viaggio di Leonardo Fea nell’Africa Occidentale. Hispidae. Annali del Museo Civico di Storia Naturale di Genova 42: 501-557.
- Guérin-Méneville, F. E. 1844.** Iconographie du règne animal de G. Cuvier, vol. 7, insects. J. B. Baillière; Paris. 576 p., 104 pl.
- Maulik, S. 1919.** New Hispinae. Annals and Magazine of Natural History (9)4: 407-411.
- Medvedev, L. N. 2003.** New taxa of Chrysomelidae from Afrotropical and Oriental regions (Insecta, Coleoptera). Spixiana 26(2): 149-153.
- Pic, M. 1924.** Nouveautés diverses. Mélanges Exotico-Entomologiques 42: 1-32.
- Uhmann, E. 1959.** *Callanispa rasa* gen. nov., spec. nov. aus Südafrika. 195. Beitrag zur Kenntnis der Hispinae (Coleopt.: Chrysomelidae). Journal of the Entomological Society of South Africa 22: 229-232.
- Weise, J. 1904.** Zwei neue Hispiden aus Ostindien. Deutsche Entomologische Zeitschrift 1904: 404.
- Würmli, M. 1975a.** *Thomispa*, eine Neue Gattung der Hispinae (Coleoptera: Chrysomeloidea) von der Insel Sao Tome. Mitteilungen der Entomologischen Gesellschaft Basel 25: 33-36.
- Würmli, M. 1975b.** Gattungmonographie der altweltlichen Hispinae (Coleoptera: Chrysomelidae: Hispinae). Entomologische Arbeiten aus dem Museum G. Frey 26: 1-83.

Received February 8, 2011; Accepted March 10, 2011.