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Some nomenclatorial notes on the family Trogossitidae (Coleoptera, Cleroidea)

by Jiří Kolibáč

Abstract. The genus *Leperina* Erichson, 1844 is synonymized with *Lepidopteryx* Hope, 1840. *Lepidopteryx tsushima* Nakane, 1985 comb.nov. is treated as the subspecies *Lepidopteryx squamulata tsushima*. *Acrops asahinai* Kôno, 1938 is combined within the genus *Xenoglena* Reitter, 1876. A forgotten species, *Nemozoma breviatum* Peyerimhoff, 1918 from North Africa, is mentioned.

Keywords. Coleoptera – Trogossitidae – synonyms – combinations

Introduction

In recent years several publications and internet lists dealing with the nomenclature of the Trogossitidae have appeared. Missing generic types were designated by KOLIBÁČ (2005) and a list of world genera and higher taxa was published by KOLIBÁČ (2006). Fossil trogossitid taxa are listed on the web pages of the Zoological Institute of the Russian Academy of Sciences (PONOMARENKO & KIREICHUK 2005–2009); a supplemental list of fossils was published by SCHMIED *et al.* (2008). The Palaearctic species were catalogued by KOLIBÁČ (2007) in the Catalogue of Palaearctic Coleoptera, Vol. 4 (LÖBL & SMETANA 2007). A complete list of trogossitid taxa appears on the web pages of Texas A&M University (HALLAN 2007–2009).

Some nomenclatorial changes and taxa not mentioned in *The Catalogue of Palaearctic Coleoptera* have emerged since publication of the book. They are treated below.

Lepidopteryx Hope, 1840

HOPE (1840): 131.

Type species: *Peltis squamulata* Gebler, 1830 (by monotypy).

syn. *Leperina* Erichson, 1844: 453 (type species: *Trogosita decorata* Erichson, 1842).

Remarks. Interestingly enough, the name *Leperina* has been widely used by European entomologists while *Lepidopteryx* has been favoured by their American and Australian counterparts. The latter two are correct and therefore the name *Leperina* has to be shifted into synonymy because the name is younger.

Lepidopteryx squamulata tsushima Nakane, 1985 comb.nov.

Leperina squamulata tsushima Nakane, 1985: 162.

Leperina tsushima: www.jlogos.com, www.gbif.net, etc.

Holotype: “Ofunakoshi / Tsushima / 31.V.1959 / A. Urata”.

Remarks. Some databases (see above) cite this taxon as a species but it is unknown to me who established species rank for this subspecies. Some information, including a colour photograph, appears at <http://neosci-gw.museum.hokudai.ac.jp>. The subspecies was omitted by KOLIBÁČ (2007) from *The Catalogue of Palaearctic Coleoptera*.

Xenoglena asahinai Kôno, 1938 comb.nov.

Acrops asahinai Kôno, 1938: 227.

Remarks. This poorly-known species was illustrated by NAKANE *et al.* (1963). The Japanese species is very probably a synonym of *Xenoglena quadrisignata* Mannerheim, 1852, as also mentioned by NIKITSKII (1992).

***Nemozoma breviatum* Peyerimhoff, 1918**

Nemosoma breviatum Peyerimhoff, 1918: 329.

Remarks. This species, overlooked for some time, was originally described from Algeria. It was not mentioned in a revision of *Nemozoma* and allied genera by LEPESME & PAULIAN (1944), nor in other catalogues, apart from that of HALLAN (2007–2009). *Nemozoma breviatum* is probably a synonym of *N. elongatum* Linnaeus, 1761 but this opinion needs confirmation based on type specimens.

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References

- ANONYM: [http://jlogos.com/dictionary/...](http://jlogos.com/dictionary/) (accessed November 2009).
- ANONYM: *E-museum*. [http://neosci-gw.museum.hokudai.ac.jp/...](http://neosci-gw.museum.hokudai.ac.jp/) (accessed March 2009).
- ANONYM: *Global Biodiversity Information Facility*. <http://www.gbif.net/species/21654851> (accessed November 2009).
- ERICHSON W. F. (1844): *Einige Nachträge zu meinem Versuch einer systematischen Eintheilung der Nitidularien*. Germar's Zeitschrift für die Entomologie 5: 438–458.
- HALLAN J. (2007–2009): *Biology Catalogue*. Texas A&M University. <http://insects.tamu.edu/research/collection/hallan/test/Arthropoda/Insects/Coleoptera/Family/Trogossitidae.txt> (Last updated: March 24, 2008, accessed November 2009).

- HOPE F. W. (1840): *The coleopterist's manual, part the third, containing various families, genera, and species, of beetles, recorded by Linneus and Fabricius. Also, descriptions of newly discovered and unpublished Insects.* London, J. C. Bridgewater & Bowdery & Kerby, [5]+191 pp, 3 pls.
- KOLIBÁČ J. (2005): *A review of the Trogositidae. Part 1: Morphology of the genera (Coleoptera, Cleroidea).* Entomologica Basiliensis et Collectionis Frey **27**: 39–159.
- KOLIBÁČ J. (2006): *A review of the Trogositidae. Part 2: Larval morphology, phylogeny and taxonomy (Coleoptera, Cleroidea).* Entomologica Basiliensis et Collectionis Frey **28**: 105–153.
- KOLIBÁČ J. (2007): *Trogossitidae.* Pp 364–366. In: LÖBL I. & SMETANA A. (eds): *Catalogue of Palaearctic Coleoptera. Vol. 4.* Apollo Books, Stenstrup, 936 pp.
- KÔNO H. (1938): *Neue und wenig bekannte Käfer Japan. Temnochilidae.* Transactions of Sapporo Natural History Society **XV**: 227–228.
- LEPESME P. & PAULIAN R. (1944): *Les Nemosoma et genres voisins.* Revue française d'Entomologie **10**: 136–141.
- NAKANE T. (1985): *New or little-known Coleoptera from Japan and its adjacent regions. XXXVIII.* Fragmenta Coleopterologica **38–40**: 153–164.
- NAKANE T., OHBAYASHI K., NOMURA S. & KUROSAWA Y. (1963): *Trogositidae.* In: *Iconographia Insectorum Japonicorum Colore naturali edita. Vol.II (Coleoptera).* Hokuryukan, Tokyo, pp 181–182, pl. 91.
- NIKITSKII N. B. (1992): 54. Sem. Trogositidae. Pp 79–81. In: LER P. A. (ed.): *Opredelitel nasekomykh Dal'nego Vostoka SSSR. Tom III. Zhestkokrylye, ili zhuki.* Nauka, 704 pp.
- OLIVIER A. G. (1790): *Entomologie, ou histoire naturelle des insectes, avec leurs caractères génériques et spécifiques, leur description, leur synonymie, et leur figure enluminée. Coléoptères, Tome second. [No 19, Trogossite, p. 6.]* Paris, de Boudouin, 485 pp, 63 pls.
- PEYERIMHOFF P. M., de (1918): *Nouveaux Coléoptères du Nord-Africain (Vingt-sixième note): Faune du Cèdre et du Sapin de Numidie.* Bulletin de la Société entomologique de France. Séance du 28 novembre 1917: 329–330.
- PONOMARENKO A. G. & KIREITSHUK A. G. (2005–2009): *Taxonomic list of fossil beetles of the suborder Scarabaeina (Part 3).* Zoological Institute of the Russian Academy of Sciences, St. Petersburg. Available from <http://zin.ru/animalia/Coleoptera/rus/paleosy2.htm> (last updated August 2009, accessed November 2009).
- SCHMIED H., WAPPLER T. & KOLIBÁČ J. (2009): *A new bark-gnawing beetle (Coleoptera, Trogossitidae) from the middle Eocene of Europe, with a checklist of fossil Trogossitidae.* Zootaxa **1993**: 17–26.

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