

To the Nomenclature of Some Palaearctic Antlions (Neuroptera, Myrmeleontidae)

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Abstract—Several old specimens of antlions, found in the collection of the Zoological Institute, St. Petersburg, are re-defined. A female of *Acanthaclisis pallida* McLachlan, 1887 was misidentified by Ménétriés (1849) as *Myrmecoleon georgianus* (Fischer, 1820); the latter name is a synonym of *Acanthaclisis occitanica* (Villers, 1789). A male syntype of *Myrmeleon nordmanni* Kolenati, 1846, is designated here as the lectotype; the synonymy of this name with *Palpares libelluloides* (Linnaeus, 1764) is confirmed here.

Several old specimens of antlions were found in the collections of the Zoological Institute, Russian Academy of Sciences, St. Petersburg (ZIN). The specimens required re-identification. The authorship of the old labels was established with the help of I.M. Kerzhner.

Acanthaclisis pallida McLachlan, 1887

—*Myrmecoleon georgianus* (non Fischer, 1820 : 43): Ménétriés, 1849 : 87 (erroneous identification).

It is beyond doubt that Fischer's description of *Myrmeleon georgianum* (1820: Neuroptera, tab. 1, fig. 1) presents *Acanthaclisis occitanica* (Villers, 1789). This synonymy was suggested as far back as 1858 (Hagen, 1858 : 124). Later, the same author (Hagen, 1866 : 440) indicated that *Myrmecoleon georgianus* sensu Ménétriés is also *A. occitanica*. A female of *A. pallida* McL. (the abdominal apex is damaged by dermestid beetles) has been found in the ZIN collection. The specimen is provided with the printed label "Nov. Alex." [Novaia Alexandrovskaja : Ménétriés, 1849 : 87] (at present, Aktau, Mangyshlak, Kazakhstan) [M. Lehmann coll.], and handwritten label "*Myrmeleon georgianum* Fisch.," written by Kolenati. Thus, the female originates from Lehmann's material, which was examined by Kolenati and published by Ménétriés. This specimen was misidentified by Kolenati and Ménétriés, as it actually belongs to *A. pallida*, the species described much later.

The Mangyshlak Peninsula is situated in North-Turanian Province, within the range of *A. pallida* and

at a distance from the nearest records of *A. occitanica* in the area between the Volga and Ural Rivers.

Palpares libelluloides (Linnaeus, 1764)

—*Myrmeleon nordmanni* Kolenati, 1846 : 115; Hagen, 1858 : 124 (syn.).

The synonymy of *M. nordmanni* Kol. with *P. libelluloides* (L.) was established by Hagen (1858), using the original description of *M. nordmanni*. This and subsequent papers gave no indications on an examination of the type material. One syntype, a well preserved male, has been found in the ZIN collection. The specimen is provided with the printed label "Dr. Kolenati" and handwritten label with a red margination "*Myrmeleon* [Percheronii (strikeout)] Nordmanni (added above), Caucasus." In order to preserve the stability of the nomenclature, this specimen is designated here as the lectotype of *M. nordmanni* Kol. (the paralectotypes have not been found yet); the synonymy of this name with *P. libelluloides* (L.) is confirmed.

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