

Wings brownish, with brown veins; crossveins *r-m* and *dm-cu* slightly darkened; costa with 6–7 prominent spines, gradually shortened towards apex. Halteres yellow.

Legs entirely yellow; front femur with a row of about 15 short anteroventral spines at approximately distal half and 3 stronger *a* setae; mid femur with a row of stronger setae anteriorly, with 1 anteroventral apical and 1 posteroventral apical setae and strong 1 *a* и 1 *p* apically; hind femur with strong anterodorsal seta apically.

Abdominal tergites tawny in ground colour, grey-white pollinose; tergite 1+2 with 4 blackish points: 2 dorsally and 2 near lateral margins; tergites 3–5 each with 5 blackish points: 3 dorsally and 2 near lateral margins. Male sternites 2–5 as in Fig. 7; sternite 5 with cut at apex. Male genitalia are very close to *C. amurensis* by structure (Fig. 7).

MEASUREMENTS. Length of body 3.2–3.9 mm, length of wing 3.2–4.1 mm.

ETYMOLOGY. The name is based on the collector, Dr. Anatoly I. Shatalkin, who caught the specimens of this species.

DIAGNOSIS. The new species is very close to *C. amurensis*, differing easily by the structure of male sternite 5 which without rows of setae but with cut at apex; apex of surstylus not strongly curved upwardly and cercus more slender.

## SHORT COMMUNICATION

**A. L. Ozerov. ON SCATHOPHAGIDAE SPECIES (INSECTA: DIPTERA), DESCRIBED BY F. HENDEL FROM THE MATERIALS OF THE SWEDISH KAMCHATKA EXPEDITION 1920-1922. – Far Eastern Entomologist. 2007. N 174: 5-8.**

**А. Л. Озеров. О видах Scathophagidae (Insecta: Diptera), описанных Ф. Генделем по материалам Шведской экспедиции на Камчатку в 1920-1922 гг. // Дальневосточный энтомолог. 2007. N 174. С. 5-8.**

Dr. Friedrich Hendel, German dipterologist, recorded 18 species within 5 genera of Scathophagidae on Kamchatka peninsula, basing on the materials of Swedish Kamchatka expedition in 1920-1922, and described nine new species and one subspecies in this paper [2]. All type material are deposited in Naturhistoriska Riksmuseum, Stockholm, Sweden (RMS). This material was studied in 1953-1954 and 1961-1962 by Dr. J.R. Vockeroth. He re-determined these species, and designated lectotypes for 6 species, described by Hendel from more than two specimens, but this designation was not published. In present paper the lectotypes are designated for 5 species: *Amaurosoma kamtschatkense*, *Amaurosoma variofemoratum*, *Cordylura apicata*, *Cordylura latigenis* and *Gonatherus fumipennis*. The new synonyms are established: *Cordylura fuscipes* (Zetterstedt, 1838) = *Cordylura apicata* Hendel, 1930, **syn. n.** = *Cordylura ochracea* Hendel, 1930, **syn. n.** = *Cordylura nigrithorax* Hendel, 1930, **syn. n.**; *Cordylura picticornis* (Loew, 1864) = *Cordylura latigenis* Hendel, 1930 **syn. n.**; *Gonatherus planiceps* (Fallén, 1826) = *Gonatherus fumipennis* Hendel, 1930, **syn. n.**

It is pleasure to thank the curators who have loaned me the type material: Dr. Bert Viklund and Niklas Jönsson (Swedish Museum of Natural History, Stockholm, Sweden). I also thank Dr. Olof Biström (Swedish Museum of Natural History, Stockholm, Sweden), Dr. P. Vilkamäa and Juha Laiho (University of Helsinki, Finland) and Dmitry Schigel (Department of Entomology, Moscow State University, Russia) who helped to get the type material.

#### LIST OF THE SPECIES

***apicata*** Hendel, 1930: 4 (*Cordylura*). Lectotype ♀, RUSSIA: Kamchatskaya oblast', Klutchi, by present designation, in RMS.

NOTES. Described from 3 females. I have examined two syntypes. One of them in good condition and labelled "Kamtschatka Malaise", "Typus", "*Cordylura apicata* H. det. Hendel.", "3270" was also seen by Vockeroth in 1952-1954, labelled by him as lectotype of *Cordylura apicata* and identified as *Cordilura fuscipes* Zetterstedt, 1838. I have designated it herewith and labelled it as lectotype of *Cordylura apicata*. The other specimen with labels "Kamtschatka Malaise", "Typus", "3281" have been labelled as paralectotype. Gorodkov [1] considered it to be a good species. But I agree with determination by Vockeroth. So, formally, *Cordylura apicata* Hendel is a new junior synonym of *Cordilura fuscipes* (Zetterstedt, 1838).

***carbonarium*** Hendel, 1930: 11 (*Amaurosoma*). Holotype ♀, RUSSIA: Kamchatskaya oblast', Klutchi, in RMS.

NOTES. Described from a single female labelled "Kamtschatka Malaise", "Typus", "765", "*Amaurosoma carbonaria* Hend. det. Hendel". Condition excellent. A junior synonym of *Nanna loewi* (Becker, 1894) in agreement with Vockeroth [5] and Gorodkov [1].

***fumipennis*** Hendel, 1930: 7 (*Gonatherus*). Lectotype ♀, RUSSIA: Kamchatskaya oblast', Klutchi, by present designation, in RMS.

NOTES. Described from 2 syntype females. One of them labelled "Kamtschatka Malaise", "Typus", "*Gonatherus fumipennis* H. det. Hendel.", "604" was studied. This specimen was also seen by Vockeroth in 1952-1954, labelled as lectotype of *Gonatherus fumipennis* and identified as *Gonatherus planiceps* (Fallén, 1826). I have formally designated it herewith and labelled it as lectotype of *Gonatherus fumipennis*. Right postpedicel, left pedicel and postpedicel, tarsi 4 and 5 of hind right leg missing, but otherwise in good condition. Gorodkov [1] considered it to be a good species. But I agree with determination by Vockeroth. So, formally, *Gonatherus fumipennis* is a new junior synonym of *Gonatherus planiceps* (Fallén, 1826).

***fuscipennis*** Hendel, 1930: 2 (*Orthochaeta*). Holotype ♂, RUSSIA: Kamchatskaya oblast', Klutchi, by present designation, in RMS.

NOTES. Described from a single male labelled "Kamtschatka Malaise", "Typus", "*Orthochaeta fuscipennis* H. det. Hendel.", "926". Right wing, mid right and hind right legs missing, but otherwise in good condition. A junior synonym of *Orthochaeta cornuta* (Loew, 1863) in agreement with Vockeroth [5] and Gorodkov [1].

***kamtschatkense*** Hendel, 1930: 9 (*Amaurosoma*). Lectotype ♂, RUSSIA: Kamchatskaya oblast', Klutchi, by present designation, in RMS.

NOTES. Described from 22 specimens of both sexes. I have seen the male labelled "Kamtschatka Malaise", "Typus", "*Amauros. kamtschatkense* Hend. det. Hendel". This specimen

was also seen by Vockeroth in 1962, who labelled it as lectotype of *A. kamtschatkense* and identified as *Nanna katmaiensis* Malloch, 1920. I have labelled it and designated it herewith as lectotype of *Amaurosoma kamtschatkense*. Condition good, except right mid tarsus missing. A junior synonym of *Nanna katmaiensis* Malloch, 1920 in agreement with Vockeroth [5] and Gorodkov [1]. This is not correctly synonymised with *Nanna flavipes* (Fallén, 1819) by Šifner [3, 4].

***latigenis*** Hendel, 1930: 3 (*Cordylura*). Lectotype ♂, RUSSIA: Kamchatskaya oblast', Petropavlovsk, by present designation, in RMS.

NOTES. Described from 2 males and 1 female. I have examined syntypes – one male and female. Male with labels "Kamtschatka Malaise", "Typus", "*Cordylura latigenis* Hend. det. Hendel.", "3265" was also seen by Vockeroth in 1952-1954, labelled by him as lectotype of *Cordylura latigenis* and identified as *Cordilura picticornis* Loew, 1864. It is in good condition. I have designated it herewith and labelled it as lectotype of *Cordylura latigenis*. The syntype female was also seen by Vockeroth in 1952-1954 and identified as *Cordilura picticornis* (Loew, 1864). I have labelled it as paralectotype. Gorodkov [1] considered it to be a good species. But I agree with determination by Vockeroth. So, formally, *Cordylura latigenis* Hendel is a new junior synonym of *Cordilura picticornis* (Loew, 1864).

***nigrithorax*** Hendel, 1930: 3 (*Cordylura*). Holotype ?sex, RUSSIA: Kamchatskaya oblast', Petropavlovsk, by present designation, in RMS.

NOTES. Described from a single specimen – holotype without abdomen. It is labelled "Kamtschatka Malaise", "Typus", "*Cordylura nigrithorax* Hend. det. Hendel.", "3272". This specimen was also seen by Vockeroth in 1952-1954 and identified as *Cordilura fuscipes* (Zetterstedt, 1838). Gorodkov [1] considered it to be a good species. But I agree with determination by Vockeroth. So, formally, *Cordylura nigrithorax* Hendel is a new junior synonym of *Cordilura fuscipes* (Zetterstedt, 1838).

***ochracea*** Hendel, 1930: 4 (*Cordylura*, subgen. *Parallelomma*). Holotype ♀, RUSSIA: Kamchatskaya oblast', Petropavlovsk, by present designation, in RMS.

NOTES. Described from a single female labelled "Kamtschatka Malaise", "Typus", "*Cordylura (Parallelom.) ochracea* H det. Hendel.", "3224". This specimen was also seen by Vockeroth in 1952-1954 and identified as *Cordilura fuscipes* (Zetterstedt, 1838). This is a good species as established by Gorodkov [1]. But I agree with determination by Vockeroth. So, formally, *Cordylura ochracea* Hendel is a new junior synonym of *Cordilura fuscipes* (Zetterstedt, 1838).

***septentrionale*** Hendel, 1930: 2 (*Norelliosoma*). Holotype ♂, RUSSIA: Kamchatskaya oblast', Petropavlovsk, by present designation, in RMS.

NOTES. Described from a single male labelled "Kamtschatka Malaise", "Typus", "*Norelliosoma septentrionale* H. det. Hendel.", "906". Holotype in excellent condition. A junior synonym of *Norellia spinimana* (Fallén, 1819) in agreement with Vockeroth [5] and Gorodkov [1].

***variofemoratum*** Hendel, 1930: 10 (*Amaurosoma*). Lectotype ♀, RUSSIA: Kamchatskaya oblast', Klutchi, by present designation, in RMS.

NOTES. Described from 10 specimens as subspecies of *kamtschatkense*. I have seen the female labelled "Kamtschatka Malaise", "Typus", "*Amaurosoma kamtsch. variofemoratum* H. det. Hendel." This specimen was also seen by Vockeroth in 1961-1962, who labelled it as lectotype of *A. variofemoratum*. It is in very good condition. I have formally designated it herewith and labelled it as lectotype of *Amaurosoma kamtschatkense*. A junior synonym of *Nanna katmaiensis* Malloch, 1920 in agreement with Gorodkov [1].

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3. Šifner, F. 1977. Les nouvelles indications taxonomiques de la famille Scatophagidae (Diptera). – Dipterologica Bohemoslovaca II., Acta Universitatis Carolinae, Biologica 5-6: 397-402.

4. Šifner, F. 2003. The family Scathophagidae (Diptera) of the Czech and Slovak Republics (with notes on selected Palaearctic taxa). – Acta Musei nationalis Pragae. Series B. Historia Naturalis 59(1-2): 1-90.

5. Vockeroth, J.R. 1965. Subfamily Anthomyiidae. – In: Stone, A. et al. (eds): A catalog of the Diptera of America north of Mexico. United States Department of Agriculture, Agriculture Handbook, 276: 826-842.

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