

Lectotype designations of bees of the subfamily Xylocopinae in the collections of the Zoological Institute of Russian Academy of Sciences in St-Petersburg (Hymenoptera, Apoidea)

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Résumé. – Des lectotypes sont proposés pour douze taxons de Xylocopinae décrits par F. Morawitz et V. V. Popov et conservés à l'Institut zoologique de l'Académie russe des Sciences à St-Petersbourg.

Summary. – Lectotypes are proposed for twelve taxa of Xylocopinae described by F. Morawitz and V. V. Popov and conserved in the Zoological Institute of Russian Academy of Sciences in St-Petersburg.

Key words. – Hymenoptera, Apoidea, Xylocopinae, lectotype designations :

Ceratina ferghanica Morawitz 1875, *C. laevifrons* Morawitz 1894, *C. tarsata* Morawitz 1872, *C. tibialis* Morawitz 1894, *Proxylocopa pavlovskiy* Popov 1935, *Xylocopa nitidiventris* ssp. *altaica* Popov 1947, *X. parviceps* Morawitz 1894, *X. przewalskyi* Morawitz 1887, *X. punctilabris* Morawitz 1893, *X. signata* Morawitz 1875, *X. turanica* Morawitz 1875 and *X. varentzowi* Morawitz 1894.

Names proposed in the subfamily Xylocopinae for Palearctic and Oriental species by Fernand Morawitz and V. V. Popov lack of designated types. The purpose of this paper is to validate twelve lectotype designations in the collections of the Zoological Institute of Russian Academy of Sciences in St-Petersburg.

In each case the lectotype is designated among the syntypes of the species. The original determination labels, the locality or localities, date and recorder mentioned on labels are consistent with the original description. Where both sexes were represented among the syntypes, males or specimens in good state are preferred. Each lectotype has a red label with the written indications : "LECTOTYPE, species, author, des. M. TERZO".

The original labels written in Cyrillic are indicated and translated below. The translations are based on ISO Recommendation R9-1968 of the International List of Periodical Title Word Abbreviations. The present name of each species is given.

1. *Ceratina ferghanica* Morawitz, 1875 : 70 ♀ ♂ ; locus typicus : «*Hab. in Ferghana*». Lectotype, male, labels : 1) round, all black ; 2) blue paper, printed «8.» ; 3) white, printed «TAKA» ; 4) white, written «ferghanica., Mor. Typ.».

Present name : *Ceratina (Euceratina) ferghanica* Morawitz.

2. *Ceratina laevifrons* Morawitz, 1894 : 18 ♀ ♂ ; locus typicus : «*Bei Kosch-Lagar und Nerduali von Glasunov gesammelt*». Lectotype, male, labels : 1) white, written «Kosch-La-, gar. V.22.» ; 2) white, printed in Cyrillic «k. F Morawitsa» ; 3) white, written «laevifrons, F. Mor. ♂.».

Present name : *Ceratina (Euceratina) laevifrons* Morawitz.

3. *Ceratina tarsata* Morawitz, 1872 : 214 ♂ ; locus typicus : «*Creta*». Lectotype, male,

labels : 1) round, all black ; 2) white, written « Creta » ; 3) white, written « tarsata., Mor. Typ. ».

Present name : *Pithitis (Pithitis) tarsata* (Morawitz).

4. *Ceratina tibialis* Morawitz, 1894: 19 ♀ ; locus typicus: «*Bei Kosch-Lagar von Glasunov gesammelt*». Lectotype, female, labels : 1) white, written «Kosch-La-, gar. Glasun.» ; 2) white, printed in Cyrillic «k. F Morawitsa» ; 3) white, written «tibialis, F. Mor. ♀ ».

Present name : *Ceratina (Euceratina) tibialis* Morawitz.

5. *Proxyllocopa pavlovskiyi* Popov, 1935: 395 ♀ ♂ ; locus typicus: «*Schuroabad, Tadjikistan, 27.VIII, IX 12Y*». Lectotype, male, labels : 1) white, printed in Cyrillic «Shuroabad 2150M., SO Kuyaba 27 Tadzh, V. Popov VIII 933» ; 2) white, printed in Cyrillic «TADZHIK., Parazit. Ehksp.» ; 3) white, written «Xylocopa pavlovskiyi, sp.n. ♂, Holotyp!, 1934», and printed «POPOV det.».

Present name : *Proxyllocopa (Ancylocopa) pavlovskiyi* Popov.

6. *Xylocopa (Proxyllocopa) nitidiventris* (Smith) ssp. *altaica* Popov, 1947: 43 ♀ ; locus typicus: «*River Tshuja Valley, Altai Mnts., 1561 m, VI 1898, V. Berezovskiy, 3 X*». Lectotype, female, label : white, written in Cyrillic «r. Tsuch; Tomskh. ch., Berezovskij VI.898».

Present name : *Proxyllocopa (Ancylocopa) nitidiventris altaica* (Popov).

7. *Xylocopa parviceps* Morawitz, 1894: 17 ♀ ; locus typicus: «*Bei Hodscha-Kala von Pomeranzew gesammelt*». Lectotype, female, labels : 1) white, written «Hodska, Kala» ; 2) white, printed in Cyrillic «k. F Morawitsa» ; 3) white, written «Xylocopa parviceps F. Mor. ♀ » ; 4) red paper, printed «SYNTYPUS».

Present name : *Proxyllocopa (Ancylocopa) parviceps* (Morawitz).

8. *Xylocopa przewalskyi* Morawitz, 1887: 212 ♀ ♂ ; locus typicus: «*Oasis Keria.-Russisches Gebirge.-Keria-Gebrirge*». Lectotype, female, labels : 1) white, written «Oasis, Keria» ; 2) white, printed in Cyrillic «k. F Morawitsa» ; 3) white, written «przewalskyi, F. Moraw.».

Present name : *Proxyllocopa (Ancylocopa) przewalskyi* (Morawitz).

9. *Xylocopa punctilabris* Morawitz, 1893: 24 ♂ ; locus typicus: «*Artutsch*». Lectotype, male, labels : 1) white, printed «SERAVSCHAN, KSCHTUT. ARTUTSCH; Glasunov 1892.» ; 2) white, printed in Cyrillic «k. F Morawitsa» ; 3) white, written «Xylocopa, punctilabris, F. Moraw. ♂ ».

Present name : *Xylocopa (Nodula) punctilabris* Morawitz.

10. *Xylocopa signata* Morawitz, 1875: 69 ♂ ; locus typicus: «*Hab. in valle Sarafschan*». Lectotype, male, labels : 1) salmon paper, printed «1.» ; 2) white, printed in Cyrillic «Verkh. Zaravsh.» ; 3) white, written «signata., Mor. Typ.».

Present name : *Xylocopa (Copoxyla) turanica* Morawitz.

11. *Xylocopa turanica* Morawitz, 1875: 69 ♀ ♂ ; locus typicus: «*Sangy-Duschuman.-Obburden.-Warsaminor.-Iskander*». Lectotype, female, labels : 1) blue paper, printed «9.» ; 2) white, printed in Cyrillic «Obburden» ; 3) white, written «Turanica., Mor. Typ.».

Present name : *Xylocopa (Copoxyla) turanica* Morawitz.

12. *Xylocopa varentzowi* Morawitz, 1894 : 16 ♂ ; locus typicus : «Bei Cheirabad von Varentzow gefunden und ihm gewidmet». Lectotype, male, labels : 1) white, written «Cheirabad, Varentzow.» ; 2) white, written «Xylocopa, Varentzowi, F. Moraw. ♂ » ; 3) white, printed in Cyrillic «k. F Morawitsa».

Present name : *Xylocopa (Xylocopa) varentzowi* Morawitz.

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Les **Opinions** suivantes ont été publiées dans le *Bulletin of Zoological Nomenclature*, **55**, 2, du 30.VI.1998 :
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Les **Demandes** suivantes ont été publiées dans le *Bulletin of Zoological Nomenclature*, **55**, 2, du 30.VI.1998 :
Case 3039. *Thamnotettix nigropictus* Stål, 1870 (currently *Nephotettix nigropictus* ; Insecta, Homoptera) : proposed conservation of the specific name.

Case 3040. *Cicada clavicornis* Fabricius, 1794 (currently *Asiraca clavicornis* ; Insecta, Homoptera) : proposed conservation of the specific name.

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