

The first records of *Scutigera coleoptrata* (Linnaeus, 1758) (Chilopoda: Scutigermorpha: Scutigeridae) from Belarus

О первых находках *Scutigera coleoptrata* (Linnaeus, 1758) (Chilopoda: Scutigermorpha: Scutigeridae) в Беларуси

A.M. Ostrovsky
А.М. Островский

Gomel State Medical University, Lange str. 5, Gomel, 246000 Republic of Belarus. E-mail: Arti301989@mail.ru
Гомельский государственный медицинский университет, ул. Ланге 5, Гомель, 246000 Республика Беларусь.

KEY WORDS: *Scutigera coleoptrata*, faunistics, synanthropy, Belarus.

КЛЮЧЕВЫЕ СЛОВА: *Scutigera coleoptrata*, фаунистика, синантропия, Беларусь.

ABSTRACT. The first records of *Scutigera coleoptrata* (Linnaeus, 1758) in Belarus are provided, one in the city of Brest and the other in the city of Gomel. Both records are clearly synanthropic.

РЕЗЮМЕ. Приведены сведения о первых находках *Scutigera coleoptrata* (Linnaeus, 1758) в Беларуси, одна в городе Бресте, а вторая в городе Гомеле. Обе находки явно синантропные.

The centipede fauna of Belarus is still poorly-known. Altogether, only eight species have hitherto been recorded in the country, including five Lithobiomorpha and three Geophilomorpha [Maksimova, 2014]. The chilopods have solely been reported from natural habitats. As regards the anthropogenic habitats in Belarus, we can add here the house centipede, *Scutigera coleoptrata* (Linnaeus, 1758).

The order Scutigermorpha, and the family Scutigeridae it belongs to, are both distributed almost worldwide, occurring on all continents except Antarctica, on all major islands and many oceanic archipelagos; numerous records refer to introduced populations of *S. coleoptrata* [Bonato, Zapparoli, 2011].

S. coleoptrata is a synanthropic species which is most common indoors in cities. Active expansions of the species into Ukraine and Russia have been observed over the last two decades [Merzlikin, 2013; Nefediev et al., 2016].

This species was first recorded in southeastern Belarus in the early 2000's in the cellar of a house in the city of Gomel. The house centipede has recently been found also in the city of Brest [O.I. Borodin, pers. comm., 2015] (Fig. 1).

S. coleoptrata becomes an increasingly ordinary, no longer rare, synanthropic species in Belarus. This species is listed in the Red Data Book of Ukraine [Tarashchuk, 2009], in the red data books of the Dnepropetrovsk [Brigadirenko, 2011] and Kharkiv regions

[Bartenev, 2013], as well as of the city of Kramatorsk, Donetsk Region, all in Ukraine [Vysochin, 2010].

References

- Bartenev O.F. 2013. [The house centipede, *Scutigera coleoptrata* (Linnaeus, 1758)] // Shandikov G.A., Atemasova T.A. (eds.). Chervona kniga Kharkivskoy oblasti. Tvarinniy svit [Red Data Book of the Kharkiv Region of Ukraine. Animal world]. Kharkiv: V.N. Karazin Kharkiv National University. P.55 [in Ukrainian].
- Bonato L., Zapparoli M. 2011. Chilopoda – Geographical distribution // Minelli A. (ed.). Treatise on Zoology – Anatomy, Taxonomy, Biology. The Myriapoda. Vol.1. Leiden–Boston: Brill. P.327–337.
- Brigadirenko V.V. 2011. [The house centipede, *Scutigera coleoptrata* (Linnaeus, 1758)] // Pahomov O.E. (ed.). Chervona kniga Dnipropetrovskoy oblasti. Tvarinniy svit [The Red Book of



Fig. 1. Collecting localities of *Scutigera coleoptrata* (Linnaeus, 1758) in Belarus.

Рис. 1. Места находок *Scutigera coleoptrata* (Linnaeus, 1758) в Беларуси.

- the Dnepropetrovsk Region. Animal world]. Dnepropetrovsk: New Seal Publ. P.44 [in Ukrainian].
- Maksimova S.L. 2014. [The species composition of centipedes (Myriapoda, Chilopoda) of Belarus] // *Vesti Natsiyanal'noi akademii navuk Belarusi. Ser. biyal. navuk* [Proceedings of the National Academy of Sciences of Belarus. Biological Series]. No.4. P. 91–94 [in Russian].
- Merzlikin I.R. 2013. House centipede *Scutigera coleoptrata* in Ukraine: a rare species becomes an ordinary synanthropic one // Invasion of alien species in the Holarctic. The IV International Symposium. Yaroslavl: Filigran Publ. P.117.
- Nefediev P.S., Tuf I.H., Dyachkov Yu.V., Efimov D.A. 2016. The first record of *Scutigera coleoptrata* (Linnaeus, 1758) in the South of Western Siberia, Russia (Chilopoda: Scutigeraomorpha: Scutigeraidae) // Biological Bulletin of the Bogdan Chmelnytskyi Melitopol State Pedagogical University. No.1. P.428-432.
- Tarashchuk M.V. 2009. [The house centipede *Scutigera coleoptrata* (Linnaeus, 1758)] // Akimov I.A. (ed.). *Chervona kniga Ukrainy. Tvarinniy svit* [The Red Data Book of Ukraine. Animal world]. Kyiv: Globalconsulting Publ. P.59 [in Ukrainian].
- Vysochin M.O. 2010. [The house centipede *Scutigera coleoptrata*] // Vysochin M.O., Tupikov A.I. (eds.). *Po stranitsam Krasnoi Knigi g. Kramatorska* [To the Red Data Book of Kramatorsk (Animal world). Guide]. Kramatorsk. P.10–11 [in Russian].

Responsible editor S.I. Golovatch