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FIRST RECORD OF SCUTIGERA COLEOPTRATA (LINNAEUS, 1758) IN THE SOUTH OF WESTERN SIBERIA, RUSSIA (CHILOPODA: SCUTIGEROMORPHA: SCUTIGERIDAE)

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The order, family, genus and species of the house centipede are new to Asian Russia’s list: Scutigeromorpha, Scutigeridae, Scutigera Lamark, 1801, and Scutigera coleoptrata (Linnaeus, 1758). All records of the species in the south of western Siberia appear to be associated with synanthropic habitats. Distributional remarks are provided, all currently reported findings being mapped as well.

Key words: house centipede, Scutigera coleoptrata, Scutigeridae, Scutigeromorpha, anthropochore, faunistics, introduction, Siberia.

INTRODUCTION

The centipede fauna of Siberia is very poorly-studied. All former research has been devoted to Lithobiomorpha and Geophilomorpha in natural habitats. Investigating anthropogenic habitats in the south of western Siberia, we have currently found the house centipede Scutigera coleoptrata (Linnaeus, 1758). Both the order Scutigeromorpha, and the family Scutigeridae it belongs to, are almost worldwide, distributed in all continents, on all major islands and many oceanic islands with the exception of Antarctica, and many records refer to introduced populations of Scutigera coleoptrata (Bonato & Zapparoli, 2011).

The samples treated below have been deposited in the collection of the Altai State University, Barnaul, Russia (ASU).

RESULTS

SCUTIGEROMORPHA Pocock, 1895
SCUTIGERIDAE Gervais, 1837
Scutigera coleoptrata (Linnaeus, 1758)
Fig. 1. Distribution map of *Scutigera coleoptrata* (red circle) in the south of western Siberia.


**Distribution:** being indigenous to the Turano-Mediterranean region, *S. coleoptrata* inhabits originally Gibraltar, mainland Portugal and Spain, mainland France including Corsica and mainland Italy including Sardinia and Sicily, Malta, San Marino, Monaco, mainland Greece including islands, Cyprus, Albania, Slovenia,
Macedonia, Serbia, Croatia, Montenegro, Bosnia and Herzegovina, Bulgaria, Hungary, Romania, Ukraine, Azerbaijan, Georgia, European Russia (Ulyanovsk and Penza areas, Stavropol Province), Turkey, Syria, Lebanon, Palestine, Israel, Jordan, Iraq, Iran, Turkmenistan, as well as Morocco, Algeria, Tunisia, Libya and Egypt. Its distribution in surrounding countries is probably connected with man, being introduced into the Canary Islands, the Balearic Islands, the Azores, the Savage Islands, Madeira, the Cape Verde Islands, Finland, Estonia, Denmark, Great Britain including the Channel Islands, Germany, Austria, Czech Republic, Slovakia and Switzerland.

Also introduced to Afrotropic ecozone (Cameroon, Saint Helena Island, Angola, Kenya, Tanzania, Malawi, Mozambique, Zimbabwe, South Africa), East of Palearctic ecozone (Japan and South Korea), Indo-Malayan ecozone (Taiwan and Vietnam), Australasian ecozone (Australia including Tasmania, New Zealand), Nearctic ecozone (Bermuda’s St. David’s Island, USA and Canada) and Neotropical ecozone (Mexico, Guatemala, Uruguay, Argentina and Chile); doubtfully present in Andorra, Liechtenstein, Vatican City and central European Russia (Lewis, 1981; Stoev & Geoffroy, 2004; Farzalieva, 2008; Faúndez, 2011; Zapparoli, 2013; Volkova, 2014; Zuev, 2016).

**Remarks:** the species is recorded for the first time in the south of western Siberia as well as in the Asian part of Russia. *Scutigera coleoptrata* is a strictly synanthropic species, being most common indoors in the city of Barnaul (Altai Province), the city of Kemerovo (Kemerovo Area), and the village of Amur (Republic of Altai), but very rare in a city park. The house centipede is also recently found in the Novosibirsk Area near the Novosibirsk State Pedagogical University in the city of Novosibirsk (A.A. Fomichev, pers. comm.), and also inside an apartment and garages in Sorokino, suburbs of the city of Biysk, Altai Province.

**CONCLUSIONS**

Both the genus *Scutigera* Lamark, 1801 and *S. coleoptrata* (Linnaeus, 1758), as well as the family Scutigeridae and the order Scutigeromorpha they belong to, are currently reported in the south of western Siberia for the first time. Present records of *S. coleoptrata* in several synanthropic and semi-anthropogenic habitats in the years 2000 and 2013-16, as well as the presence of both sexes and juveniles, suggest that populations of *S. coleoptrata* are established in studied localities.

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