

**FIRST RECORD OF *CRYPTOPTS (CRYPTOPTS) HORTENSIS* (DONOVAN, 1810)  
IN SOUTHWESTERN SIBERIA, RUSSIA (CHILOPODA:  
SCOLOPENDROMORPHA: CRYPTOPIDAE)**

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Both the subgenus *Cryptops (Cryptops)* Leach, 1815 and *C. (C.) hortensis* (Donovan, 1810), as well as the family Cryptopidae to which they belong, are currently reported in the Asian part of Russia for the first time. All records of the species in southwestern Siberia are confined to hothouses. Distributional remarks are provided and all currently reported findings are mapped.

**Key words:** Common *Cryptops*, *Cryptops hortensis*, *Cryptopidae*, *Scolopendromorpha*, *anthropochore*, *faunistics*, *introduction*, *Siberia*.

### INTRODUCTION

The order Scolopendromorpha is distributed almost worldwide with maximum species richness in tropical and subtropical regions, and it encompasses about 700 species (Edgecombe & Bonato, 2011), whereas in Russia only 3 species of Scolopendridae Newport, 1844, and 5 forms of Cryptopidae Kohlrausch, 1881, are known to occur (Zalesskaja & Schileyko, 1991, 1992). The myriapod anthropochore fauna in southwestern Siberia still remains very poorly studied, as modern data relate only to synanthropic species of millipedes (Nefediev et al., 2013, 2014, 2016a) and to *Scutigera coleoptrata* (Linnaeus, 1758) (Nefediev et al., 2016b). Continuing our research, the Common *Cryptops (Cryptops) hortensis* (Donovan, 1810) has currently been found introduced. Both the subgenus *Cryptops (Cryptops)* Leach, 1815 and the family Cryptopidae to which it belongs, are distributed almost worldwide on all continents to the exclusion of Antarctica, mainly both in temperate and tropical regions (Bonato & Zapparoli, 2011).

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

### RESULTS

**SCOLOPENDROMORPHA** Leach, 1815

**CRYPTOPIDAE** Kohlrausch, 1881

*Cryptops (Cryptops) hortensis* (Donovan, 1810)

**Material examined:** 1 ad. (ASU), **Russia, southwestern Siberia, Tomsk Area**, Tomsk, Siberian Botanical Garden, hothouses, 10.12.1999, leg. P.S. Nefediev; 1 ad. (ASU), **Russia, southwestern Siberia, Altai Province**, Barnaul, OJSC “Dekorativnye kultury”, houseplants hothouse № 3, 22.12.2014; 1 ad. (ASU), same locality, seedling hothouse № 10, 26.12.2014, all leg. V.M. Mamina.

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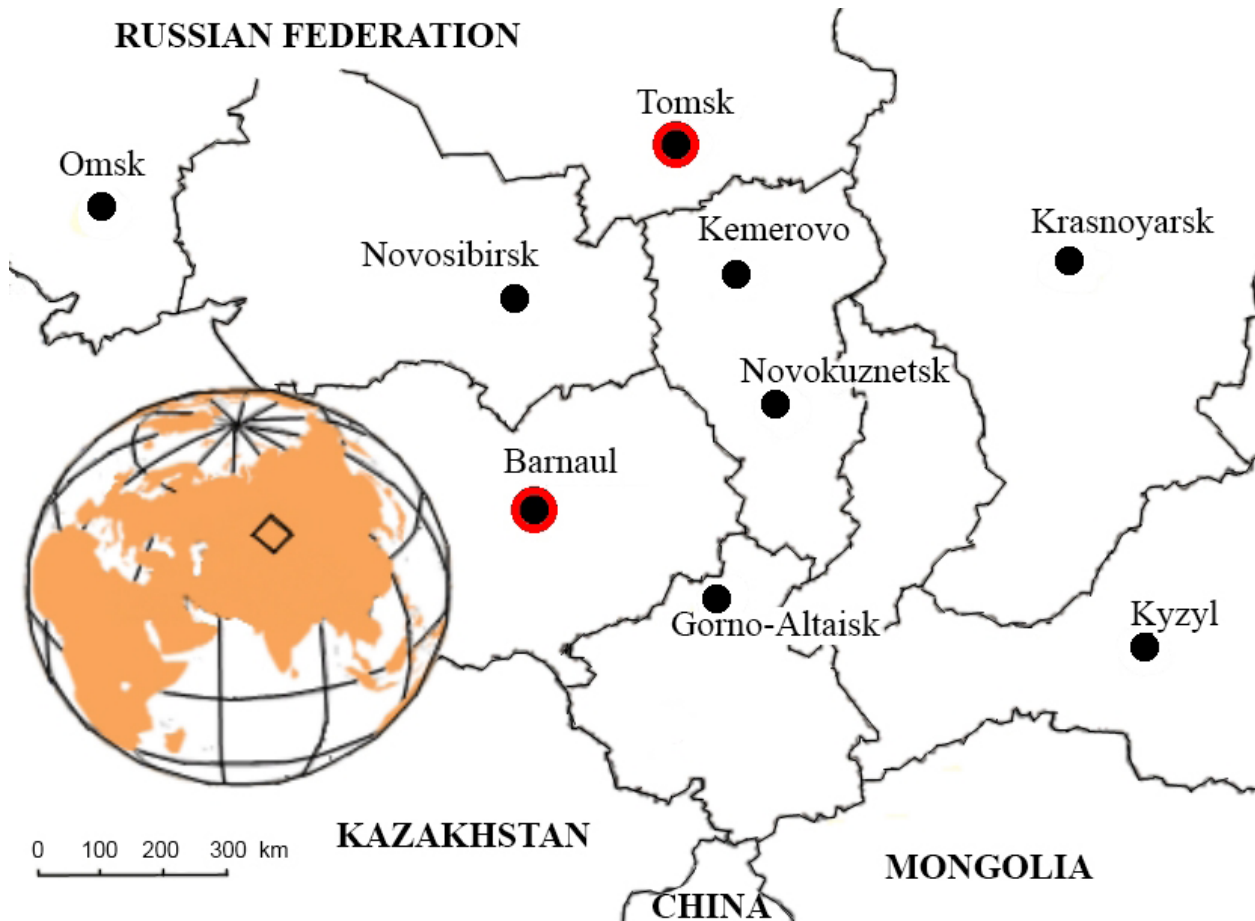
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**Figure 1.** Distribution map of *Cryptops hortensis* (red circle) in southwestern Siberia.

**Distribution:** being Central Asian-European in origin, the cryptopid scolopendromorph *C. (C.) hortensis* is widespread in most of Europe, currently known from Albania, Austria, Belgium, Bosnia and Hercegovina, Bulgaria, Croatia, Czech Republic, Denmark, mainland and insular Greece including Crete and the Dodecanese islands, Great Britain including the Channel Islands and Northern Ireland, Finland, mainland France including Corsica, Germany, Hungary, Ireland, mainland Italy as well as Sardinia and Sicily, Macedonia, Monaco, Montenegro, the Netherlands, Norway, Poland, mainland Portugal as well as the Azores and Madeira, Romania, the European part of Russia (to the south of the Moscow Area, the Caucasus, the Krasnodar Province, the Stavropol Province), San Marino, Slovakia, Slovenia, mainland Spain and the Canary Islands, Sweden, Switzerland and Ukraine; also distributed in Western and Central Asia, inhabiting Armenia, Azerbaijan, Georgia, Tajikistan, Turkey, Turkmenistan and Uzbekistan, as well as Morocco. The species is also introduced to the United States including the Hawaiian Islands, Canada, St. Helena Island, Australia including Tasmania and Christmas Island (Zalesskaja & Schileyko, 1991, 1992; Lewis, 2011; Minelli & Foddai, 2013; Zuev, 2016; Bonato et al., 2016; Korobushkin et al., 2016).

**Remarks:** the family Cryptopidae, the subgenus *Cryptops (Cryptops)* Leach, 1815, as well as the widespread, often introduced *C. (C.) hortensis* (Donovan, 1810), are new to the centipede fauna of the Asian part of Russia, currently reported from anthropogenic habitats such as hothouses of the Siberian Botanical Garden in the city of Tomsk (Tomsk Area), and hothouses of the seedling producing organization in the city of Barnaul (Altai Province).

## CONCLUSIONS

The family, subgenus and species of the Common Cryptops are formally new to Asian Russia's list: Cryptopidae, *Cryptops (Cryptops)* Leach, 1815, and *Cryptops (Cryptops) hortensis* (Donovan, 1810). All current records are strictly confined to synanthropic habitats.

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