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## New records of water beetles from families Helophoridae, Hydrophilidae and Heteroceridae (Coleoptera) from Uzbekistan

### Новые указания водных жесткокрылых семейств Helophoridae, Hydrophilidae и Heteroceridae (Coleoptera) из Узбекистана

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**Ключевые слова:** Coleoptera, Helophoridae, Hydrophilidae, Heteroceridae, новые указания, Узбекистан.

**Abstract.** Ten species of water beetles are recorded for the first time from Uzbekistan: Helophoridae (*Helophorus lapponicus* C.G. Thomson, 1854, *H. syriacus* Küwert, 1885), Hydrophilidae (*Berosus fulvus* Küwert, 1888, *B. bispina* Reiche et Saulcy, 1856, *Paracymus aeneus* (Germar, 1824), *Enochrus melanocephalus* (Olivier, 1792), *E. fuscipennis* C.G. Thomson, 1844, *Cercyon quisquilius* (Linnaeus, 1761)) and Heteroceridae (*Heterocerus fuscus* Kiesenwetter, 1843, *H. obsoletus* Curtis, 1828). The presence of *Augyles turanicus* (Reitter, 1887) in Uzbekistan is confirmed.

**Резюме.** Впервые для Узбекистана указываются 10 видов водных жесткокрылых из семейств Helophoridae (*Helophorus lapponicus* C.G. Thomson, 1854, *H. syriacus* Küwert, 1885), Hydrophilidae (*Berosus fulvus* Küwert, 1888, *B. bispina* Reiche et Saulcy, 1856, *Paracymus aeneus* (Germar, 1824), *Enochrus melanocephalus* (Olivier, 1792), *E. fuscipennis* C.G. Thomson, 1844, *Cercyon quisquilius* (Linnaeus, 1761)) и Heteroceridae (*Heterocerus fuscus* Kiesenwetter, 1843, *H. obsoletus* Curtis, 1828). Подтверждено обитание *Augyles turanicus* (Reitter, 1887) в Узбекистане.

A total of 9 species of water beetles of the families Helophoridae, Hydrophilidae and Heteroceridae previously not recorded in Uzbekistan [Mascagni, 2006; Fikáček et al., 2015a, b] were collected by Ya.N. Kovalenko and D.V. Potanin using mercury-vapour lamp and by hand during the Russian-Uzbek Entomological Expedition of 2014 [Anufriev, Rakhimov, 2015]. The material is stored in the collections of Ya.N. Kovalenko (Moscow, Russia) and A.S. Sazhnev (Saratov, Russia). The record of *Heterocerus fuscus* Kiesenwetter, 1843, which is also new for Uzbekistan, is based on specimens collected by A.V. Kompantsev (stored in the Moscow State Pedagogical

University). The presence of *Augyles turanicus* (Reitter, 1887) in Uzbekistan is confirmed by records of new material.

The material was collected in 3 localities:

Urtabulak, 38°57'21.0"N / 64°32'19.6"E, Qashqadaryo Region, Mirishkor District, environs of Urtabulak mine, salt marsh and ephedra sand desert, ca. 315 m a.s.l., 14.04.2014;

Sentob, 40°37'48.51"N / 66°40'42.29"E, Navoiy Region, Nurota District, Nuratau Mts., environs of Sentob, ca. 570 m a.s.l., 17.04.2014;

Uchkizil, 37°21'36.8"N / 67°16'05.6"E, Surxondaryo Region, Termiz District, 3 km SE Uchkizil, Peski Kattakum, sand desert, ca. 320 m a.s.l., 19.04.2014.

#### Family Helophoridae Leach, 1815

*Helophorus (Rhopalhelophorus) lapponicus*  
 C.G. Thomson, 1854

**Material.** 8 ex., Urtabulak, light-trapped; 5 ex., Uchkizil, light-trapped.

*Helophorus (Helophorus) syriacus* Küwert, 1885

**Material.** 3 ex., Sentob, in small well-heated puddle.

#### Family Hydrophilidae Latreille, 1802

*Berosus (Enoplurus) fulvus* Küwert, 1888

**Material.** 5 ex., Urtabulak, light-trapped.

*Berosus (Enoplurus) bispina* Reiche et Saulcy, 1856

**Material.** 11 ex., Urtabulak, light-trapped.

*Paracymus aeneus* (Germar, 1824)

**Material.** 5 ex., Urtabulak, light-trapped.

*Enochrus (Enochrus) melanocephalus* (Olivier, 1792)

**Material.** 3 ex., Uchkizil, light-trapped.

*Enochrus (Lumetus) fuscipennis* C.G. Thomson, 1844

**Material.** 1 ex., Sentob, in small well-heated puddle.

*Cercyon (Cercyon) quisquilius* (Linnaeus, 1761)

**Material.** 1 ex., Uchkizil, light-trapped.

#### **Family Heteroceridae Macleay, 1825**

*Augyles (Augyles) turanicus* (Reitter, 1887)

**Material.** 2 ex., Urtabulak, light-trapped; 5 ex., Uchkizil, light-trapped.

*Heterocerus fuscus* Kiesenwetter, 1843

**Material.** 1 ex., Tashkent, near water, 7.04.1985; 1 ex., Tashkent, light-trapped, 11.04.1985.

*Heterocerus obsoletus* Curtis, 1828

**Material.** 6 ex., Uchkizil, light-trapped.

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