



АКТУАЛЬНЫЕ ПРОБЛЕМЫ ЗООЛОГИЧЕСКОЙ НАУКИ В БЕЛАРУСИ

Том II

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АКТУАЛЬНЫЕ ПРОБЛЕМЫ ЗООЛОГИЧЕСКОЙ НАУКИ В БЕЛАРУСИ

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CONTRIBUTION TO FAUNA OF HYDROPHILIDAE AND DYTISCIDAE (INSECTA: COLEOPTERA) OF BELARUS AND UKRAINE

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*New localities of *Colymbetes semenowi* (Jakovlev, 1896), *Enochrus bicolor* (Fabricius, 1792), *E. halophilus* (Bedel, 1878) and *Limnoxenus niger* (Gmelin, 1790) from Ukraine and Belarus are reported. *Hydrobius rottenbergii* Gerhardt, 1872 is reported from Ukraine for the first time*

KEY WORDS: FAUNA, WATER BEETLES, BELARUS, UKRAINE, COLEOPTERA, DYTISCIDAE, HYDROPHILIDAE

Introduction

The distribution of Hydrophilidae was reviewed by M. Fikáček et al [1], and that of Dytiscidae by A.N. Nilsson [1, 2].

Results of studying collection of Zoological Institute of Russian Academy of Sciences (St. Petersburg, Russia) and materials of expeditions in Belarus and Ukraine in 2017 were used as the material for this work.

New localities of one species of Dytiscidae, four species of Hydrophilidae are reported. *Hydrobius rottenbergii* Gerhardt is reported from Ukraine for the first time.

Material and methods

Examined specimens are deposited in the following collections:

CSR S.K. Ryndevich collection, Baranovichi, Belarus;

ZISP Zoological Institute of Russian Academy of Sciences, St. Petersburg, Russia.

(A.G. Kirejtshuk)

Brackets ([...]) used for the comments attached by the author.

Material was examined using an Nikon SMZ-745T stereomicroscope and MBS-10 stereomicroscope.

Results and discussion

The annotated check-list of one species of Dytiscidae and four species of Hydrophilidae

is given below.

Dytiscidae

Colymbetes semenowi (Jakovlev, 1896)

Ukraine, Odessa reg., 2 km W Gribovka, river Baraboy, 31.07.2017, leg. S.K. Ryndevich & A.V. Ryndevich, 1 specimen, (CSR).

Note. For the first time for Ukraine fauna this rare species was recorded from the Donetsk region [5].

Distribution. **Europe:** Azerbaijan, Georgia, Russia (south of European territory), the Ukraine (south). **Asia:** Afghanistan, China (Xinjiang, Xizang) Iran, Kazakhstan, Turkmenistan.

Hydrophilidae

Enochrus bicolor (Fabricius, 1792)

Belarus, Gomel reg., Zhitkovichi distr., 5 km N Ozerany, river Pripyat, 5.08.2017, leg. S.K. Ryndevich, 4 specimens, (CSR).

Note. The main range of *E. bicolor* is located in subboreal zones and subtropics of Palaearctica. It is founded in the north of the Orental region [1]. In first time species was collected in Vileyka district in 1988 [4]. *E. bicolor* has not been found in Belarus for a long time. It was collected in Ushachi and Lepel districts in 2012 and 2014 [8]. Finding it in Pripyat indicates a stable population in Belarus.

Distribution. **Europe:** Azerbaijan, Armenia, Austria, Bosnia Herzegovina, Bulgaria, Belarus, Croatia, Czechia, Denmark, Estonia, Finland, France, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Montenegro, the Netherlands, Norway, Poland, Portugal, Romania, Russia (European part), Slovakia, Slovenia, Spain, Sweden, Ukraine. **Asia:** China (Inner Mongolia, Xinjiang) Japan, Nepal, Kazakhstan, Mongolia, Russia (West and East Siberia, Far East), Tadzhikistan, Turkmenistan, Turkey, Uzbekistan. **North Africa:** Algeria, Spain (Canary Islands), Egypt, Morocco, Tunisia.

Enochrus halophilus (Bedel, 1878)

Ukraine, Odessa reg., 2 km W Gribovka, river Baraboy, 31.07.2017, leg. S.K. Ryndevich & A.V. Ryndevich, 3 specimens, (CSR).

Note. For the first time for Ukraine fauna this rare species was recorded from Donetsk region [5].

Distribution. **Europe:** Denmark, France, Germany, Great Britain, Ireland, Italy, the Netherlands, Spain, Sweden, Russia (south of European part) the Ukraine. **Asia:** Cyprus, Turkey.

Hydrobius rottenbergii Gerhardt, 1872

[Ukraine, Kharkov region] Spacov Skit, 21.VII.1913, B. Ilyin [in Russian], 1 specimen, (ZISP).

Note. Species has unexplained distribution so far [7]. New species for Ukraine fauna.

Distribution: **Europe:** Belarus, Germany, Latvia, Norway, Poland, Russia (European part), Sweden, Ukraine.

Limnoxenus niger (Gmelin, 1790)

Belarus, Gomel reg., Zhitkovichi distr., 5 km N Ozerany, river Pripyat, 5.08.2017, leg. S.K. Ryndevich, 5 specimens, (CSR).

Note. Previously, this species was known only from Pripyatskiy National Park [4, 6]. The main range of *L. niger* is located in subboreal zones and subtropics of Palaearctica.

Distribution. **Europe:** Austria, Bulgaria, Belarus, Croatia, Czechia, Denmark, France, Germany, Great Britain, Greece, Hungary, Ireland, Italy, the Netherlands, Poland, Portugal, Romania, Russia (south of European part), Slovakia, Spain, "Yugoslavia", "Caucasus". **Asia:** Iran, Israel, Lebanon, Syria, Turkey. **North Africa:** Algeria, Morocco.

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