



New records of Hydraenidae and Elmidae (Coleoptera) from Russia and adjacent countries

Alexander A. PROKIN¹, Stanislav V. LITOVKIN² and Manfred A. JÄCH³

¹*Papanin Institute for Biology of Inland Waters, Russian Academy of Sciences, Borok, Nekouzsky District, 152742 Yaroslavl Oblast', Russia; prokina@mail.ru*

²*Russian Entomological Society, Samara, Russia; sats.lit@gmail.com*

³*Naturhistorisches Museum Wien, Burgring 7, A-1010 Wien, Austria; manfred.jaech@nhm-wien.ac.at*

Abstract: New data on the distribution of 27 species of Hydraenidae and three species of Elmidae (Coleoptera) from Russia, Ukraine, Kazakhstan and Uzbekistan are provided. *Ochthebius foveolatus* Germar, 1824 and *Stenelmis koreana* Satô, 1978 are recorded from Russia for the first time. Other new records are: *Ochthebius bernhardi* Jäch et Delgado, 2008 (Ukraine), *O. depressus* Sahlberg, 1900 (Ural Mountains), *O. erzerumi* Kuwert, 1887 (European part of Russia and Ural Mountains), *O. flavipes* Dalla Torre, 1877 (Ural Mountains), *O. jermakovi* Orchymont, 1933 (Kazakhstan), and *O. joosti* Jäch, 1992 (Kazakhstan and Uzbekistan). A new record for the rarely collected *Laeliaena sparsa* Sahlberg, 1900 from Uzbekistan is also provided. For *Ochthebius yoshitomi* Jäch et Delgado, 2014 new records and information on the correct type locality, as well as detailed habitat information and photographs of its habitat on Kunashir Island are provided.

Key words: beetles, new records, Russia, Ukraine, Kazakhstan, Uzbekistan, Ural, Kunashir Island

INTRODUCTION

The distribution of the Hydraenidae and Elmidae of Russia and other countries of the former Soviet Union is still poorly known. Many species are known only from the type locality or from very few localities. In this paper we present several new and other interesting records, trying to fill some gaps.

In the Catalogue of Palaearctic Coleoptera (Jäch, Skale 2015) several species of Hydraenidae were recorded from some of the countries of the former Soviet Union for the first time. Here we provide detailed locality data, on which these new records were based, using the same abbreviations for subdivisions of Russia as in the Catalogue, except for the Ural Mountains (Chelyabinsk Oblast'), because they form a natural border between Europe and Asia and are thus treated as a separate subdivision herein.

The information presented here will be useful to clarify the ranges of species, and it will provide the base for their protection at a regional level.

MATERIAL

This paper is based mainly on material collected by two of the authors, and on material from the Zoological Museum, Lomonosov Moscow State University (Moscow, Russia), Naturhistorisches Museum Wien (Austria), Moscow State Pedagogical University (Moscow, Russia) and several private collections.

The depository of the specimens examined is abbreviated using the following acronyms:

APC	private collection of Alexander Prokin (Voronezh, Russia)
DPC	private collection of Dmitry Palatov (Moscow, Russia)
ISC	private collection of Igor Solodovnikov (Vitebsk, Belarus)
MPU	Moscow State Pedagogical University (Moscow, Russia)

NMW	Naturhistorisches Museum Wien (Vienna, Austria)
SLC	private collection of Stanislav Litovkin (Samara, Russia)
YKC	private collection of Yakov Kovalenko (Moscow, Russia)
ZMUM	Zoological Museum, Lomonosov Moscow State University (Moscow, Russia)

RESULTS

Family Hydraenidae Mulsant, 1844

Aulacochthebius narentinus (Reitter, 1885)

(Figs 1–2)

Recorded from Orenburg Oblast' (ST) for the first time by Litovkin (2012b).

Russia (CT): 52°55'58.8"N, 49°38'55.5"E, Samara Oblast', Bezenchuk District, near Chapaevsk, small lake in Chapaevka River flood-plane, 2–4 Jul 2013, leg. S. Litovkin, 10 ex. (7 ex. – SLC, 2 ex. – NMW, 1 ex. – ISC); same locality data, 10 Aug 2015, leg. S. Litovkin, 3 ex. (SLC).

This is the second record from Russia, and the first record from the central part of European Russia (CT).



Fig. 1. General habitus of *Aulacochthebius narentinus* (Reitter, 1885). Photo by S. Litovkin.



Fig. 2. Habitat of *A. narentinus* in Samara Oblast' Photo by S. Litovkin. Arrows indicate actual choriotope.

Hydraena (s.str.) *canakcioglu aydini* Janssens, 196

Russia (ST): Krasnodarsky Kray, Agura River, 50 m upstream of waterfalls, on stones with moss under water, 7 Mar 2006, leg. P. Petrov, 2 ex. (APC); the record for ST in Jäch, Skale (2015) is based on these specimens.

***Hydraena* (s.str.) *gracilis* Germar, 1824**

Recently recorded from ST by Litovkin (2012a).

Russia (ST): Orenburg Oblast', Orenburg Nature Reserve, NE of Kuskol' Lakes, 3 May 2011, leg. P. Petrov, 1 ex. (APC).

ST should be added to the Catalogue of Palaearctic Coleoptera.

***Hydraena* (s.str.) *pulchella* Germar, 1824**

Russia (ST): Belgorod Oblast', Olshanka River, near bridge, 7 Jun 2011, leg. A. Silina, 1 ex. (APC); **(CT):** Yaroslavl Oblast', Nekouzsky District, near Borok, Latka River, 15 Aug 2004, leg. N. Zhgareva, 1 ex., Ild' River, 29 Jul 2010, leg. N. Zhgareva, 1 ex., 29 Aug 2010, leg. N. Zhgareva, 1 ex. (APC) (Prokin et al., 2013); Samara Oblast', Elkhovka District, near Proleyka, stream, 53°55'59"N, 50°14'30"E, 25 Jul 2005, leg. S. Litovkin, 1 ex. (SLC).

ST should be added to the Catalogue of Palaearctic Coleoptera.

***Laeliaena* *sparsa* Sahlberg, 1900**

Uzbekistan: 40°34'50.9"N, 66°39'26.2"E, Navoiy Province, Nurata District, Nuratau Mts., near Sentob, 16 Apr 2014, leg. Ya. Kovalenko, in mountain river on stones, 4 ex. (2 ex. – YKC, 2 ex. – APC).

***Micragasma* *paradoxum* Sahlberg, 1900**

(Figs 3–4)

Russia (ST): 49°07'43.6"N, 46°47'39.5"E, Volgograd Oblast', 18 m below sea level, near Lake Elton, residual pools in temporary watercourse, 17 Apr 2008, leg. A. Prokin, 7 ex. (NMW).

Makarov et al. (2009) recorded this species from the vicinity of Lake Elton under the name *Micragasma* cf. *paradoxum* Sahlberg, 1900.



Fig. 3. General habitus of *Micragasma paradoxum* Sahlberg, 1900. Photo by K. Makarov.



Fig. 4. Habitat of *M. paradoxum* in Volgograd Oblast', where A. Prokin collected specimens in 2008. Photo by A. Kutuzov.

***Ochthebius (Asiobates) depressus* Sahlberg, 1900**

Russia (Ural): Chelyabinsk Oblast', Ural River at left bank, 5 km S Cheka Hill, 15–16 Jul 2007, leg. P. Petrov, 1 ex. (NMW); **Kazakhstan:** 43°12'52.5"N, 70°03'49.0"E, 930 m, Karatau Ridge, 13 km NE Bayzhansay, stream, in gravel, 29–30 May 2015, leg. S. Litovkin, 15 ex. (SLC); 42°51'49.7"N, 69°51'58.7"E, 540 m, Boraldytau Mts., 7.4 km ENE Terekty, backwater of Boraldy River, 10 Jun 2015, leg. S. Litovkin, 13 ex. (SLC).

This is the first record for the Ural Mountains.

***Ochthebius (Asiobates) flavipes* Dalla Torre, 1877**

Russia (CT): 53°08'N, 48°09'E, 114 m, Ul'yanovsk Oblast', Novospassky District, E of Maryevka Village, 07 Jul 2009, leg. A.V. Kovalev, 3 ex. (APC); 53°13'24"N, 50°32'42"E, Samara Oblast', Volzhskiy District, 3.5 km SE Alekseevka, waterbody in Samara River flood-plane, 28 Apr 2012 and 11 May 2012, leg. S. Litovkin, 2 ex. (SLC); **Ural:** Chelyabinsk Oblast', near Cheka Mountain, 06 May 2006, leg. I. Fedorov, 1 ex. (APC).

New for the Ural Mountains.

***Ochthebius (Asiobates) nonaginta* Jäch, 1998**

(Figs 5–6)

Russia (ST): 50°37'38.8"N, 54°28'55.4"E, 190 m, Orenburg Oblast', Sol'-Iletsk District, 11 km SW Troitsk, steppe, hills, in slow stream, 18–21 May 2012, leg. S. Litovkin, 1 ex. (SLC); 51°02'36"N, 55°36'12"E, 180 m, Akbulak District, 3 km N Akbulak, steppe, pool, 20–21 Apr 2013, leg. S. Litovkin, 1 ex. (SLC).



Fig. 5. General habitus of *Ochthebius nonaginta* Jäch, 1998. Photo by S. Litovkin.



Fig. 6. Habitat of *O. nonaginta* in Orenburg Oblast' (11 km SW Troitsk). Photo by S. Litovkin.

Ochthebius (Asiobates) minimus (Fabricius, 1792)

Recorded from Kazakhstan for the first time by Temreshev (2012).

Kazakhstan: 50°19'03.8"N, 57°26'09.6"E, 224 m, Aktyubinsk Oblast', E of Aktope (= Aktyubinsk), Zhaman-Karagaly River, 30 Apr 2015, leg. S. Litovkin, 3 ex. (SLC).

KZ (= Kazakhstan) should be added to the Catalogue of Palaearctic Coleoptera.

Ochthebius (Asiobates) perdurus Reitter, 1899

Kazakhstan: 43°46'25.4"N, 68°48'44.6"E, ~950 m, Karatau Ridge, Kelinshektau Mountain, 7.3 km SW Abay, mountain stream, 15–16 May 2015, leg. S. Litovkin, 1 ex. (SLC).

In Kazakhstan this species was previously known only from the surroundings of Almaty ("Alma Ata") and Karkaraly ("Karkaralinsk") (Jäch, 1990).

Ochthebius (Asiobates) remotus Reitter, 1885

Recorded from the southern part of European Russia (ST) by Litovkin (2012a).

Russia (ST): 50°57'06.1"N, 54°16'22.1"E, 80 m, Orenburg Oblast', Sol'-Iletsk District, 5.5 km SE Novoiletsk, Ilek River, 22–24 May 2012, leg. S. Litovkin, 3 ex. (SLC); **(CT):** Samara Oblast', Kinel' District, 10 km SE Malaya Malyshevka, bank of Samara River, 15 Aug 2005, leg. S. Litovkin, 3 ex. (SLC); 53°17'10.8"N, 50°56'45.6"E, Samara Oblast', Kinel' District, vicinity of Verityaevka, Bol'shoy Kinel' River, 10 Jun 2013, leg. S. Litovkin, 5 ex. (SLC); 53°13'50.2"N, 51°10'42.2"E, 50 m, Samara Oblast', Kinel'-Cherkassy District, 5 km S Krotovka, Kutuluk River, 23 Jul 2013, leg. S. Litovkin, 10 ex. (8 ex. – SLC, 2 ex. – ISC); 53°08'41.5"N, 48°10'54.3"E, Samara Oblast' near border of Ul'yanovsk Oblast', Syzran' District, 2 km SSE Kuropatkino, Syzranka River, sandbank, 12 Jul 2015, leg. S. Litovkin, 3 ex. (SLC); 53°17'03.6"N, 50°50'30.2"E, 15 Aug 2015, Samara Oblast', Kinel' District, near Pokrovka, Bol'shoy Kinel' River, leg. S. Litovkin, 5 ex.

ST should be added to the Catalogue of Palaearctic Coleoptera.

Ochthebius (s.str.) bellstedti Jäch, 1992

Russia (ST): 50°37'38.8"N, 54°28'55.4"E, 190 m, Orenburg Oblast', Sol'-Iletsk District, 11 km SW Troitsk, steppe, hills, in slow stream, 18–21 May 2012, leg. S. Litovkin, 1 ex. (SLC). **Kazakhstan:** 46°58'11.0"N, 61°29'27.5"E, 80 m, Kyzylorda Oblast', 21 km NW Aral (= Aral'sk), desert, in brackish pools, 1 May 2015, leg. S. Litovkin, 9 ex. (SLC); 43°53'58.1"N, 67°29'04.9"E, 240 m, Karatau Ridge foothill, 3.5 km NE Birlik, stream, 29 Apr 2013, leg. S. Litovkin, 4 ex. (SLC); 43°56'12"N, 67°40'46"E, 390 m, Karatau Ridge, 18.5 km NE Birlik, Akuyik River valley, 29 Apr–2 May 2013, leg. S. Litovkin, 6 ex. (SLC); 43°37'26"N, 68°31'56"E, ~600 m, Karatau Ridge, 8–10 km N Kentau, Bayaldyr River valley, 2–5 May 2013, leg. S. Litovkin, 4 ex. (SLC); 43°36'48"N, 69°02'38"E, 710 m, Karatau Ridge, 19 km SW Sholakkorgan, shallow stream, 14 May 2015, leg. S. Litovkin, 1 ex. (SLC); 42°51'47"N, 69°52'01"E, ~550 m, Boraldytau Mts., 7.4 km ENE Terekty, Boraldy River valley, 23–26 May 2015, leg. S. Litovkin, 1 ex. (SLC); 43°12'52.5"N, 70°03'49.0"E, 930 m, Karatau Ridge, 13 km NE Bayzhansay, stream, in gravel, 29–30 May 2015, leg. S. Litovkin, several specimens (SLC); 43°29'43"N, 70°39'37"E, 375 m, Zhambyl Oblast', vicinity of Ashchykol' (salt lake), brackish pools, 3 Jun 2015, leg. S. Litovkin, 20 ex. (SLC); 44°24'32.0"N, 66°16'32.7"E, 130 m, Kyzylorda Oblast', 4.3 km SE Tartogay, Syrdarja River, 13 Jun 2015, leg. S. Litovkin, 1 ex. (SLC).

***Ochthebius* (s.str.) *bernhardi* Jäch et Delgado, 2008**

Ukraine: Nikolaevsk Oblast', Kinburn Spit, saline lake, 29 Jun 2007, leg. V. Dyadichko, 1 ex. (APC), 1 May 2007, reed bog in steppe, 1 ex. (APC); **Russia (ST):** 51°09'09.5"N, 55°00'22.6"E, 114 m, Orenburg Oblast', Sol'-Iletsk District, Sol'-Iletsk, Peschanka River, near hypersaline lakes, 18 May 2012, leg. S. Litovkin, 4 ex. (SLC); 50°57'06.1"N, 54°16'22.1"E, 80 m, Orenburg Oblast', Sol'-Iletsk District, 5.5 km SE Novoiletsk, Ilek River, 22–24 May 2012, leg. S. Litovkin, 1 ex. (SLC); 50°57'25.0"N, 54°15'50.3"E, 85 m, Orenburg Oblast', Sol'-Iletsk District, 4.8 km SE Novoiletsk, oxbow in Ilek River flood-plane, 24 May 2012, leg. S. Litovkin, 1 ex. (SLC); 50°55'48.9"N, 55°53'25.5"E, Orenburg Oblast', Akbulak District, 18.5 km SE Akbulak, near Karabutak River, at light, 15 Jun 2015, leg. S. Litovkin, 3 ex. (SLC); **(CT):** 52°55'58.8"N, 49°38'55.5"E, Samara Oblast', Bezenchuk District, near Chapaevsk, small lake in Chapaevka River flood-plane, 2–4 Jul 2013, leg. S. Litovkin, 3 ex. (SLC); same locality data, 10 Aug 2015, leg. S. Litovkin, 3 ex. (SLC).

Records of *O. viridis* and *O. viridis* species-complex from Russia (ST): Astrakhan, Volgograd, Voronezh and Belgorod Oblast' (Jäch, 1992a; Jäch, Prokin, 2005; Silina, Prokin, 2011) refer to this species.

New for Ukraine!

***Ochthebius* (s.str.) *depressionis* Jäch, 1991**

This species was known only from the type locality near Lake Elton in Volgograd Oblast' (ST) (Jäch, 1991), from recent records from Orenburg Oblast' (ST), and from eastern Kazakhstan (Zinchenko, 2015).

Russia (ST): Volgograd Oblast', near Lake Elton, pool in Lantsug River flood-plane, 14 Apr 2008, leg. A. Prokin, 6 ex. (APC); 51°09'09.5"N, 55°00'22.6"E, 114 m, Orenburg Oblast', Sol'-Iletsk District, Sol'-Iletsk, Peschanka River, near hypersaline lakes, 18 May 2012, leg. S. Litovkin, 6 ex. (4 ex. – SLC, 2 ex. – NMW).

***Ochthebius* (s.str.) *erzerumi* Kuwert, 1887**

Russia (ST): Volgograd Oblast', near Lake Elton, pool in Lantsug River flood-plane, 14 Apr 2008, leg. A. Prokin, 1 ex. (APC); 50°37'38.8"N, 54°28'55.4"E, 190 m, Orenburg Oblast', Sol'-Iletsk District, 11 km SW Troitsk, steppe, hills, in slow stream, 18–21 May 2012, leg. S. Litovkin, 2 ex. (SLC); 50°59'30.2"N, 54°14'28.7"E, 80 m, Orenburg Oblast', Sol'-Iletsk District, 1 km E Novoiletsk, steppe, pools, 23 May 2012, leg. S. Litovkin, 20 ex. (SLC); 50°55'48.9"N, 55°53'25.5"E, Orenburg Oblast', Akbulak District, 18.5 km SE Akbulak, near Karabutak River, at light, 15 Jun 2015, leg. S. Litovkin, 7 ex. (SLC); **Ural:** Chelyabinsk Oblast', Kizil'skoe District, near Aleksandrovsky, Karaganka River, 16 Aug 1998, leg. P. Petrov, 3 ex. (APC), Kizil'skoe District, 10 km S Cheka Hill, Ural River, 03 May 2006, leg. P. Petrov, 1 ex. (APC).

New for European Russia and Ural Mountains!

***Ochthebius* (s.str.) *evanescens* Sahlberg, 1875**

Recorded from the eastern part of Kazakhstan for the first time by Zinchenko (2015).

Russia (ST): Volgograd Oblast', Lake Elton, pools near Lantsug River, 14 Apr 2008, leg. A. Prokin, 1 ex. (APC); **Kazakhstan:** 50°19'03.8"N, 57°26'09.6"E, 224 m, Aktyubinsk Oblast', E of Aktobe (= Aktyubinsk), Zhaman-Karagaly River, 30 Apr 2015, leg. S. Litovkin, 1 ex. (SLC); 46°58'11.0"N, 61°29'27.5"E, 80 m, Kyzylorda Oblast', 21 km NW Aral (= Aral'sk), desert, in brackish pools, 1–2 May 2015, leg. S. Litovkin, 4 ex. (SLC).

***Ochthebius* (s.str.) *fausti* Sharp, 1887**

In Russia this species was known only from the type locality in Orenburg Oblast' (ST) (Jäch 1991).

Russia (ST): 50°57'06.1"N, 54°16'22.1"E, 80 m, Orenburg Oblast', Sol'-Iletsk District, 5.5 km SE Novoiletsk, Ilek River, 22–24 May 2012, leg. S. Litovkin, 2 ex. (SLC).

***Ochthebius* (s.str.) *foveolatus* Germar, 1824**

(Figs 7–8)

Russia (CT): 53°08'41.5"N, 48°10'54.3"E, Samara Oblast' near border of Ul'yánovsk Oblast', Syzran' District, 2 km SSE Kuropatkino, Syzranka River, sandbank, 12 Jul 2015, leg. S. Litovkin, 25 ex. (SLC).

New for Russia!



Fig. 7. General habitus of *Ochthebius foveolatus* Germar, 1824. Photo by S. Litovkin.



Fig. 8. Habitat of *O. foveolatus* in Samara Oblast'. Arrow indicates actual collecting site. Photo by S. Litovkin.

***Ochthebius* (s.str.) *hauseri* Jäch, 1992**

Recorded from southern Kazakhstan ["Dzhambul, Syr Darja"] (Jäch, 1992b).

Kazakhstan: 43°37'26"N, 68°31'56"E, ~600 m, Karatau Ridge, 8–10 km N Kentau, Bayaldyr River valley, 2–5 May 2013, leg. S. Litovkin, 2 ex. (SLC).

***Ochthebius* (s.str.) *jermakovi* d'Orchymont, 1933**

Kazakhstan: 46°09'N, 53°23'E, Caspian Sea, Tengiz-Prorva gas deposit, 06 Nov 2014, leg. D. Smirnova, 10 ex. (8 ex. – APC, 2 ex. – NMW)

New for Kazakhstan!

***Ochthebius (s.str.) joosti* Jäch, 1992**

Russia (ST): 49°07'43.6"N, 46°47'39.5"E, Volgograd Oblast', Lake Elton, pools, 17.04.2008, leg. A. Prokin, 3 ex. (APC), pools near Lantsug River, 14 Apr 2008, leg. A. Prokin, 10 ex. (APC), 49°07'43.6"N 46°47'39.5"E, –18 m, near Lake Elton, residual pools of temporary water course, 17 Apr 2008, leg. A. Prokin, 10 ex. (APC); Astrakhan Oblast', 7 km NW Bolshoye Bogdo Rock (mountain), 4–5 May 2006, leg. A.V. Kovalev, 2 ex. (APC); the record for ST in Jäch, Skale (2015) is based on these specimens; **Uzbekistan:** 38°57'21.0"N, 64°32'19.6"E, Qashqadaryo Province, Mirishkor District, near Urtabulak mine, 14 Apr 2014, leg. Ya. Kovalenko, 1 ex. (YKC); **Kazakhstan:** 43°29'43"N, 70°39'37"E, 375 m, Zhambyl Oblast', vicinity of Ashchykol' (salt lake), brackish pools, 3 Jun 2015, leg. S. Litovkin, 38 ex. (30 ex. – SLC, 8 ex. – NMW).

New for Uzbekistan and Kazakhstan!

***Ochthebius (s.str.) meridionalis* Rey, 1885**

Recorded from Kazakhstan for the first time by Zinchenko (2015).

Russia (ST): Volgograd Oblast', near Lake Elton, pool in Lantsug River flood-plane, 14 Apr 2008, leg. A. Prokin, 1 ex. (APC); 50°55'48.9"N, 55°53'25.5"E, Orenburg Oblast', Akbulak District, 18.5 km SE Akbulak, near Karabutak River, at light, 15 Jun 2015, leg. S. Litovkin, 1 ex. (SLC); **Kazakhstan:** 43°24'50.5"N, 70°38'12.6"E, 400 m, Zhambyl Oblast', W bank of Akkol' Lake, 18 May 2015, leg. S. Litovkin, 20 ex. (SLC).

***Ochthebius (s.str.) peisonis* Ganglbauer, 1901**

Recorded from eastern Kazakhstan for the first time by Zinchenko (2015).

Kazakhstan: 45°54'04.9"N, 62°08'32.1"E, Kyzylorda Oblast', 15 km NNE Kazalinsk, 70 m, pools near highway, 14 Jun 2015, leg. S. Litovkin, 18 ex. (SLC); 43°37'26"N, 68°31'56"E, ~600 m, Karatau Ridge, 8–10 km N Kentau, Bayaldyr River valley, 2–5 May 2013, leg. S. Litovkin, 2 ex. (1 ex. – SLC, 1 ex. – NMW); 43°29'43"N, 70°39'37"E, 375 m, Zhambyl Oblast', vicinity of Ashchykol' (salt lake), brackish pools, 03.06.2015, leg. S. Litovkin, 1 ex. (SLC).

***Ochthebius (s.str.) pusillus* Stephens, 1835**

Russia (CT): Samara Oblast', Kinel' District, 10 km SE Malaya Malyshevka, bank of Samara River, 15 Aug 2005, leg. S. Litovkin, 4 ex. (SLC); 53°13'18"N, 50°33'13"E, Samara Oblast', Volzhskiy District, 1.0–3.5 km SE Alekseevka, waterbodies in Samara River flood-plane, different dates, leg. S. Litovkin, several dozens of specimens (SLC); 52°55'58.8"N, 49°38'55.5"E, Samara Oblast', Bezenchuk District, near Chapaevsk, small lake in Chapaevka River flood-plane, 2–4 Jul 2013 and 10 Aug 2015, leg. S. Litovkin, several dozens of specimens (SLC); 53°16'39.4"N, 50°56'51.6"E, Samara Oblast', Kinel' District, lake near Vertyaevka, 19 Jul 2013, leg. S. Litovkin, 13 ex. (SLC); **Ural:** Chelyabinsk Oblast', left bank of Ural River, 5 km S Cheka Hill, 15–16 Jul 2007, leg. P. Petrov, 1 ex. (NMW); **(ST):** 50°57'25.0"N, 54°15'50.3"E, 85 m, Orenburg Oblast', Sol'-Iletsk District, 4.8 km SE Novoiletsk, oxbow in Ilek River flood-plane, 24 May 2012, leg. S. Litovkin, 4 ex. (SLC); 50°55'45.7"N, 55°52'57.7"E, Orenburg Oblast', Akbulak District, 18.5 km SE Akbulak, Karabutak River, 30 Apr 2015, leg. S. Litovkin, 1 ex. (SLC).

***Ochthebius* (s.str.) *yoshitomi* Jäch et Delgado, 2014**
(Figs 9–11)

The correct type locality of this species is: 44°18'50"N, 145°58'56"E, sea shore, about 3.5 km SW of the mouth of Severjanka River, Kunashir Island, Kuril Islands, Russian Far East. In the original description, Krugly Cape, 44°00.28'N, 145°39.38'E, was erroneously listed as type locality.

Russia (FE): 44°18'50"N, 145°58'56"E, Kunashir Island, Ohkhotsk Sea coast, SW of mouth of Severjanka River, 26 Jul 2013, leg. K. Makarov, 42 adults + numerous larvae (MPU); 43°56'33"N, 145°35'20"E, Kunashir Island, Danilovo, west coast of Lake Peschanoe, 1 Aug 2011, leg. K. Makarov, 2 ex. (MPU); 43°54'58"N, 145°31'00"E, Kunashir Island, 1 km SW of Alekhino, coastal rockery, 3 Aug 2011, leg. A. Zaitsev & K. Makarov, 11 ex. (MPU); 44°16'06"N, 146°09'30"E, Kunashir Island, mouth of Tiatina River, 6 Sep 2009, leg. A. Prosvirov, 1 ex. (MPU).

Most of the specimens collected by K. Makarov and A. Zaitsev on Kunashir Island were found in filamentous algae in small coastal rock pools with numerous Culicidae larvae, flooded during high tide (Figs 9–11). A smaller number of specimens were collected in marine beach wrack near the mouth of Tyatina River and in lacustrine beach wrack with small pieces of driftwood at Lake Peschanoe.



Figs. 9–11. Habitat of *Ochthebius yoshitomi* Jäch et Delgado, 2014 on Kunashir Island. Photos by K. Makarov. Arrows indicate actual collecting sites; 1 km SW Alekhino (9–10), S of mouth of Severjanka River (11).

***Ochthebius* (s.str.) *zugmayeri* Kniž, 1909**

Russia (ST): Russia, Astrakhan Oblast', Lake Baskunchak, 5 Jul 2012, leg. D.M. Astakhov, 7 ex. (APC), 25–26 Sep 2014, leg. E.Yu. Mosolova, 2 ex. (APC).

The record for ST in Jäch, Skale (2015) is based on specimens from this location.

Family Elmidae Curtis, 1830

***Stenelmis koreana* Satô, 1978**

(Fig. 12)

Russia (FE): Khabarovsk Kray, Bashurovo, Amur River, on UV lamp, 31 Jul – 2 Aug 1980, leg. V. Belov, 22 ex. (ZMUM).

New for Russia!



Fig. 12. General habitus of *Stenelmis koreana* Satô, 1978 from Khabarovsk Kray, ZMUM. Photo by A. Prokin.

***Zaitzeviaria brevis* (Nomura, 1958)**

Russia (FE): 44°0'31.59"N, 145°40'47.13"E, Kunashir Island, creek Stolbovskoy near hot springs "Stolbovskie" S Cape Stolbchaty, 3 Aug 2013, leg. D. Palatov, 20 ex. (10 ex. – DPC, 8 ex. – APC, 2 ex. – NMW).

This species was recorded from Kunashir by Palatov (2014) under the name *Z. gotoi* (Nomura, 1959).

***Zaitzevia tsushimana* Nomura, 1963**

Russia (FE): Primorsky Kray: Ussuriyskiy Reserve and environs of Novochuguievka (Jung et al. 2014).

This species was recorded by Gusakov (2009) from Lazovsky Nature Reserve (Primorsky Kray) under the name *Z. rivalis* Nomura, 1963.

DISCUSSION

For five species the records provided here significantly expand their known ranges. For *Ochthebius foveolatus* and *O. jermakovi* the most eastern, for *Stenelmis koreana* the most northern, for *O. erzerumi* the most northwestern and for *O. joosti* the most northeastern known localities are recorded.

By now, the fauna of Russia includes 66 species of Hydraenidae and 25 species of Elmidae; Ukraine: 40 Hydraenidae, 15 Elmidae; Kazakhstan: 25 Hydraenidae, 4 Elmidae; Uzbekistan: 13 Hydraenidae, 3 Elmidae.

However, the knowledge of the faunal composition of Hydraenidae and Elmidae in Russia and adjacent countries is still quite incomplete. During our studies we detected several undescribed species from Kazakhstan, Russian Caucasus and Abkhazia, which will be described soon.

ACKNOWLEDGEMENTS

We are grateful to N.B. Nikitsky for the chance to study material of *Stenelmis koreana* stored in the ZMUM, and all collectors (D. Palatov, Ya. Kovalenko, A. Kovalev, K.V. Makarov, D. Smirnova, A. Silina, I. Fedorov, A. Prosvirov, P. Petrov, D. Astakhov, E.Yu. Mosolova, A. Zaitsev) for providing material for study. We are obliged to K. Makarov for providing ecological information and photographs of the habitat of *Ochthebius yoshitomi*, and for the photograph of *Micragasma paradoxum*. Thanks are due to A.M. Shapovalov (St. Petersburg, Russia), D.F. Shovkoon (Buzuluk, Russia), S.V. Kornev (Orenburg, Russia), E.P. Kazakov (Orenburg, Russia) and A. Kutuzov (Borok, Russia) for their help during field work. This study was supported by the Russian Science Foundation, project no. 15-14-10020.

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STRESZCZENIE

[Nowe dane o Hydraenidae i Elmidae (Coleoptera) z Rosji i krajów sąsiednich]

W artykule podane są nowe dane z Rosji, Ukrainy, Kazachstanu i Uzbekistanu o rozmieszczeniu 27 gatunków Hydraenidae oraz trzech gatunków Elmidae (Coleoptera). *Ochthebius foveolatus* Germar, 1824 i *Stenelmis koreana* Satô, 1978 zostały wykazane z Rosji po raz pierwszy. Inne nowe stwierdzenia to: *Ochthebius bernhardi* Jäch et Delgado, 2008 (Ukraina), *O. depressus* Sahlberg, 1900 (Ural), *O. erzerumi* Kuwert, 1887 (europejska część Rosji i Ural), *O. flavipes* Dalla Torre, 1877 (Ural), *O. jermakovi* Orchymont, 1933 (Kazachstan), and *O. joosti* Jäch, 1992 (Kazachstan i Uzbekistan). Odnotowano także nowe stwierdzenie w Uzbekistanie rzadko rejestrowanego gatunku *Laeliaena sparsa* Sahlberg, 1900. Praca podaje też dane o nowym stwierdzeniu *Ochthebius yoshitomi* Jäch et Delgado, 2014 oraz skorygowane dane dotyczące lokalizacji okazów typowych, zawiera również szczegółowe informacje na temat środowiska oraz fotografie jego siedliska na Wyspie Kunaszyr (Wyspy Kurylskie).

Dla pięciu gatunków stwierdzono nowe lokalizacje, które istotnie rozszerzają ich zasięgi, i tak: odnotowano nowe granice wschodnie zasięgów *Ochthebius foveolatus* i *O. jermakovi*, granicę północną dla *Stenelmis koreana*, północno-zachodnią dla *O. erzerumi* oraz północno-wschodnią dla *O. joosti*.

Obecnie fauna Rosji zawiera 66 gatunków Hydraenidae i 25 gatunków Elmidae, Ukrainy – odpowiednio 40 i 15, Kazachstanu – 25 i 4 a Uzbekistanu – 13 i 3.