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NEW RECORDS OF OMALIINAE MACLEAY, 1825 (COLEOPTERA: STAPHYLINIDAE) FROM THE PALAEARCTIC REGION

Alexey V. Shavrin

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New distributional records are presented for 18 species in three tribes of the subfamily Omaliinae MacLeay, 1825 (Staphylinidae) of the Palaearctic Region. Three species are recorded for the first time from certain area: *Acidota crenata* (Fabricius, 1792) from China, *Lesteva bucharica* Fauvel, 1900 from Kyrgyzstan and *Dropephylla caucasica* (Kolenati, 1846) from Iran.

Key words: Omaliinae, new records, Palaearctic Region.

Alexey V. Shavrin. Institute of Life Sciences and Technologies, Daugavpils University, Vienibas 13, Daugavpils, LV-5401, Latvia, E-mail: ashavrin@hotmail.com

INTRODUCTION

The present paper provided list of new faunistic records for 18 species of rove beetles of the subfamily Omaliinae MacLeay, 1825 (Staphylinidae) from the Palaearctic Region, mainly from its eastern part. Some species supplements my previous taxonomic papers (Shavrin 2015, 2017; Shavrin & Smetana 2017) with new faunistic data. Three species are recorded for the first time from China (*Acidota crenata* (Fabricius, 1792)), Kyrgyzstan (*Lesteva bucharica* Fauvel, 1900) and Iran (*Dropephylla caucasica* (Kolenati, 1846)).

MATERIAL AND METHODS

The material examined is deposited in:

BMNH - The Natural History Museum, London, UK (R.G. Booth)
CA - collection of V. Assing, Hannover, Germany
CF - collection of B. Feldmann, Münster, Germany
CJ - collection of P. Jałoszyński, Wroclaw, Poland
CR - collection of G. de Rougemont, Oxford, UK
CS - collection of A.V. Shavrin, Daugavpils, Latvia
CZ - collection of A. Zanetti, Verona, Italy
HNHM - Hungarian Natural History Museum, Budapest, Hungary (Gy. Makranczy)
NME - Naturkundmuseum Erfurt, Germany (M. Hartmann)
NMPC - National Museum, Prague, Czech Republic (J. Hájek)
NSMT - collection of A. Smetana, deposited at The National Museum of Nature and Science, Toshiba, Japan (S. Nomura)
SMF - Senckenberg Forschungsinstitut und Naturmuseum, Frankfurt (A. Hastenpflug-Vesmanis)
ZIN - Zoological Institute of the Russian Academy of Sciences, St.-Petersburg, Russia (B.A. Korotyaev)

Specimens were examined using Nikon SMZ 745T and Nikon Eclipse E200 stereomicroscopes. Citations of historic labels are separated by a comma. In the annotated list below I not provided synonyms and data on the distribution for each species, since all these information can be found in catalogues (Herman (2001), Schülke & Smetana (2015), etc.).

RESULTS

Tribe Anthophagini Thomson, 1859

***Acidota crenata* (Fabricius, 1792)**

Material examined: CHINA: 1 male: Gansu Province, Mts. 10 km S Xiahe. 3100-3200 m a.s.l. 4.08.1994. A. Smetana [C29] (NSMT).
Remarks. This Holarctic species is recorded from China for the first time.

***Deinopteroloma hamatum* Smetana, 1996**

Material examined: CHINA: 3 females: Jiangxi Province, Jinggangshan Mts.,, Shuangxikou (river valley), 26°31.4'N 114°11.3'E. 411 m a.s.l. 24.04.2011. Fikáček, Hájek, Jia & Song [MF02] (NMPC).
Remarks. The species was described by Smetana (1996) from "Kuatun [=Guadun]", Fujian, China. Cheng et al. (2019) recorded it from Anhui, Zhejiang and Jiangxi provinces of China.

***Lesteva bucharica* Fauvel, 1900**

Material examined: KYRGYZSTAN: 1 female: Issyk-kul Terskej-A., Turuk Valley, 42°36'17''N, 79°18'57''E. 2600 m a.s.l. 30.07-01.08.2005. L. Schmidt (CA).
Remarks. The species is distributed in Uzbekistan, Turkmenistan and Tajikistan (Shavrin 2015). It is here recorded from Kyrgyzstan for the first time.

***Lesteva distincta* Watanabe, 1990**

Material examined: SOUTH KOREA: 2 males, 1 female: Jeollabuk-do, Deo-guy-san, Gucheondong stream to Osujagul cave, 6 km SSW Sugyeongdae, temple. 35°51'34''N 127°46'02''. 910 m a.s.l., from wet moss on sprayed rocks at water, flotation (220) E. 14.09.2010. Gy. Makranczy et al. (HNHM).
Remarks. The species is distributed in Korea and Japan (Kim & Ahn 2011).

***Lesteva miyabi* Watanabe, 1990**

Material examined: JAPAN: 1 male: 'Honshu B.M. 1980-492. P.M. Hammond', 'Gumma Pref. Nikko distr. Konsei Pass', '1800-1900 m 13.viii. [19]80' (BMNH); 2 males: 'Mayasan Japan 11.v.[19]33', 'M. Cameron. Bequest. B.M. 1955-147.' (BMNH).
Remarks. The species is distributed in Korea and Japan (Kim & Ahn 2011).

***Lesteva miyamorii* Watanabe, 1990**

Material examined: JAPAN: 2 males, 1 female: Hokkaido, Osawaguchi, Nopporo Forest Park, Ebetsu City. 10-11.2005. T. Lackner (CA, CS).
Remarks. The species is distributed in northeastern Honshu and Hokkaido, Japan (Watanabe 1990).

***Lesteva nova* Bernhauer, 1902**

Material examined: KAZAKHSTAN: 7 males, 7 females: Ketmen Mt., Bolshoi Kyrgisai. 10.06.1988. V. Kastcheev (ZIN); 1 male, 2 females: Dzhungar Mts., Keskenterek R. 25.08.1988. V. Kastcheev (ZIN); 4 males, 3 females: same Mts., Chernaya Rechka. 1.09.2006. V. Kastcheev (ZIN); 2 males, 1 female: same Mts., Usek R. 10.07.2005. V. Kastcheev (ZIN); 3 males, 1 female: same Mts., Oisaz, Chizhe R. 03.06.1990. V. Kastcheev (ZIN); 1 male, 1 female: Kungey, Chilik R., Sarybastau Gorge. 12-15.06.1988. V. Kastcheev (ZIN); 2 males, 2 females: Ile Alatau, Zhynishke R. 22.06.1988. V. Kastcheev (ZIN); 1 female: Tarbagatai Mt. Bazar R. 21.08.1988. V. Kastchhev (ZIN); 1 male: Kegen, Sary-Tau. 1900 m. 16.07.1984. V. Kastcheev (ZIN); **UZBEKISTAN:** 1 male: Chatkal Mts., 90 km NEE of Tashkent, Bolshoy Chimgan. 2000-2500 m a.s.l. 25.6.1981. K. Majer (BMNH).

Remarks. The species is known from Kazakhstan and Uzbekistan (Shavrin 2015).

***Lesteva plagiata* Sharp, 1889**

Material examined: JAPAN: 1 female: 'Hiogo Japan', 'Coll. Schönfeld', '*Lesteva fenestrata* Sharp G.A. Lohse det. 1958' (SMF).
Remarks. *Lesteva plagiata* is known from the Maritime Province of Russia, Kurile Islands (Kunashir) and Japan (Honshu, Shikoku, Kyushu) (Shavrin & Makarov 2019).

***Liophilydrodes puncticollis* (Nakane & Sawada, 1956)**

Material examined: JAPAN: 1 male, 2 females: 'Japan: Honshu B.M. 1980-492 P.M. Hammond', 'Gumma Pref. Mt. Hotaka (foot) ca 1300 m. 14-15.viii.80' (BMNH); 1 male: Yamanashi Prefecture, Mt. Fuji, Kamikuishikimura. 1350 m a.s.l. 07.08.2005. V. Kastcheev (ZIN).
Remarks. The species is distributed in Far Eastern Russia (Khabarovsk Territory, Sakhalin, Kurile Islands) and Japan (Shavrin & Makarov 2019).

***Mannerheimia japonica* Watanabe, 1990**

Material examined: JAPAN: 12 males, 5 females: Fukushima Prefecture, Sanno pass. Tajima-machi ca. 700 m. 18.10.2003. P. Jałoszyński (CJ, CS).
Remarks. The species is known from Honshu, Japan (Watanabe 1990).

***Olophrum pacei* Shavrin & Smetana, 2017**

Material examined: CHINA: 1 male**:** Sichuan Province, Emeishan Mt., Leidongping, 29°32'25N N103°19'52E. 2420 m a.s.l., under lights, parking close to secondary mixed forest. 8-9.06.2014. J. Hájek & J. Růžička (NMPC).
Remarks. Recently, it was described from the same locality (and with the same data) by Shavrin & Smetana (2017).

***Philydrodes* (*Minyphilydrodes*) *tridentatus* Shavrin, 2017**

Material examined: CHINA: 1 female: Central Sichuan (Tianguan), pass between Tianguan-Luding, 29°51'73N 102°16'85E. 3000 m a.s.l. 22.07.2000. M. Janata (CZ).
Remarks. The species was described by Shavrin (2017) from Hubei, Gansu, Shaanxi and Sichuan provinces of China.

***Philydrodes* (*Minyphilydrodes*) *wrasei* Shavrin, 2017**

Material examined: CHINA: 1 male: South Sichuan, pass 56 km SW Mianning, ~28°24'N 102°36'E. 21-24.06.2017. leg Reuter (CF).
Remarks. The species was described by Shavrin (2017) from Erlang Shan and Daxue Shan ranges, Sichuan, China.

Tribe Coryphiini Jakobson, 1908

***Boreaphilus lewisianus* Sharp, 1874**

Material examined: JAPAN: 1 male: Ibaraki Prefecture, Tsukuba-Tsuchiura. 24-25.04.2004. P. Jałoszyński (CJ).
Remarks. The species is known only on the holotype from Honshu (Zerche 1990).

Tribe Omaliini McLeay, 1825

***Dropephylla caucasica* (Kolenati, 1846)**

Material examined: IRAN: 1 male: Prov. Bűyer Ahmad, 3 km N of Sisaht, 51.23.21E 31.9.22E. 2700 m a.s.l. 10-12.V.1998. Gy. Fábián & K. Székely (HNHM); **TURKMENISTAN:** 2 males, 2 females: Kopet-Dagh Mts., 6 km W of Germob, Kurkulab, 850 m, 57°50'E, 38°04'N. 19.04.1993. M. Hreblay, Gy. László, A. Podlussány (HNHM).
Remarks. The species is known from central Russia, Caucasus, Kyrgyzstan and Turkmenistan (Jászay & Hlaváč 2006). It is here recorded from Iran for the first time.

***Omalium littorale* Kraatz, 1857**

Material examined: KAZAKHSTAN: 7 males, 16 females: West Tian Shan, Chimken Region, Aksu-Dzhabagly State Nature Reserve,

Kishi-Kaindi ca. 2000 m, 18.06.1999. J. Cooter (CR); 2 males: same data, Ulken-Kaindi, 2200 m, 70°35'E 42°23'N. In bear dung. 11.06.1999. J. Cooter (CR); 1 male, 1 female: same data, Ulken-Kaindi, ca. 3000 m, 70°39' 42°22'30''. At snow melt. 14.06.1999. J. Cooter (CR); **TURKMENISTAN:** 2 males, 3 females: Kopet-Dagh Mts., Dushak, 57°54'E 37°57'N. 2200 m a.s.l. 01-02.10.1991. A. Podlussány, L. Ronkay & Z. Varga (HNHM); 2 males, 3 females: same data, 57°56'E 37°54'N. 1800 m a.s.l. 2-3.VI.1993, M. Hreblay, Gy. László, A. Podlussány (HNHM).
Remarks. The species is known from Europe, Caucasus, Turkey, Kazakhstan, Kyrgyzstan, Turkmenistran, Uzbekistan and Afghanistan (Schülke & Smetana 2015, Hlaváč et al. 2016).

***Philorinum simplex* Smetana, 1975**

Material examined: MONGOLIA: 4 males, 8 females: Khovd Aimak, Narijn-Bulak Spring, Ikh-Khavtgijn-Nuru. 24.07.1970. I.M. Kerzhner (ZIN); 1 female: boundaries of Bayankhongor and Govi-Altai aimak, near Chulatyn-Bilgikh Mt. 27.06.1973. G.S. Medvedev (ZIN).
Remarks. This Mongolian species was described from Bajanchongor Aimak by Smetana (1975).

***Prosopaspis gibbicollis* Smetana, 1987**

Material. NEPAL: 1 female: Manaslu Mts., E slope of Ngali Khola Valley. 28º22'N 84º29'E. 2000-2300 m. 15.05.2005. J. Schmidt (NME).
Remarks. The species was described from "... several localities in the foothills of the main Himalayan range in eastern Nepal" (Smetana 1987).

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