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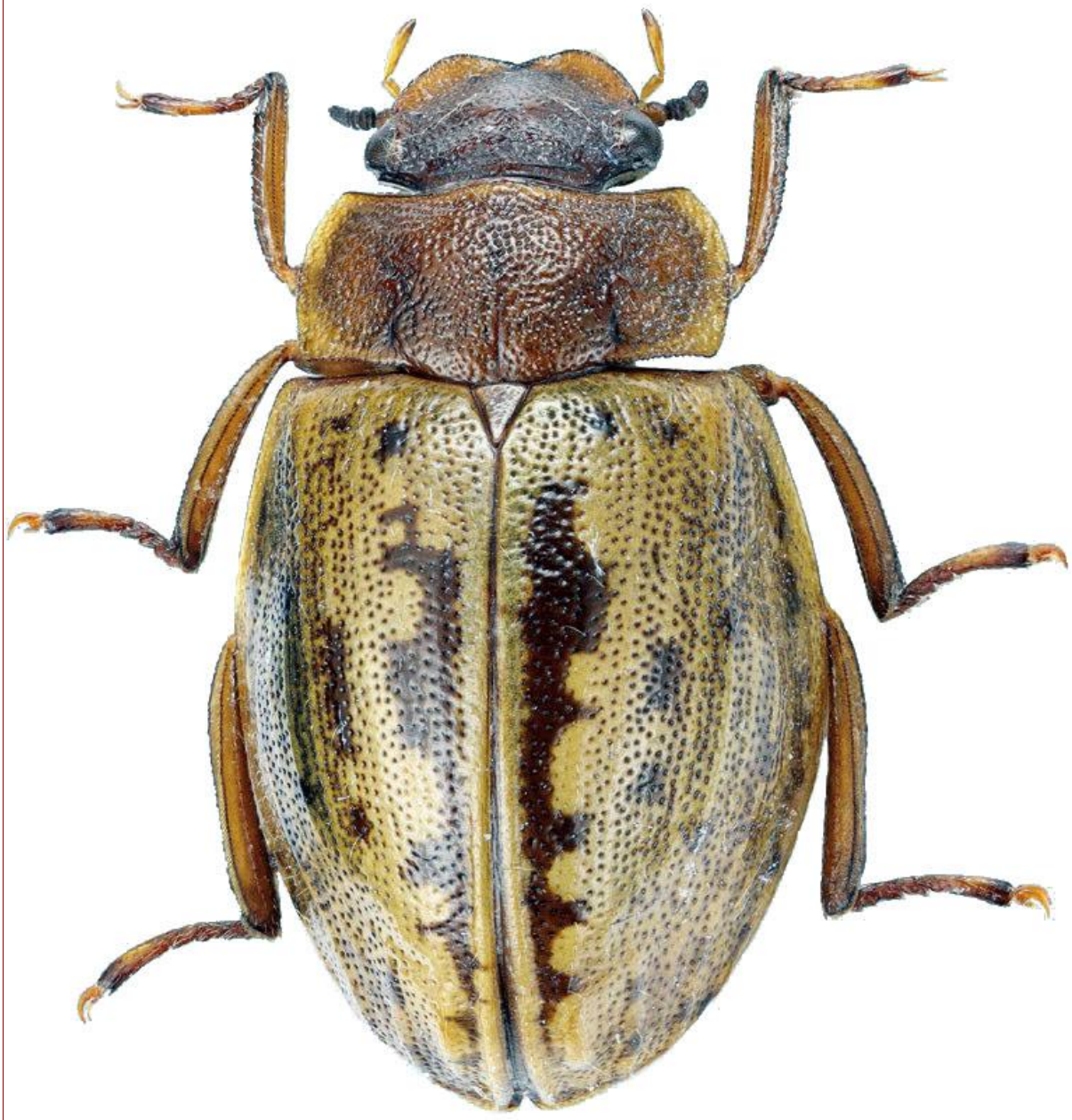

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CYBISTER LATERALIMARGINALIS TORQUATUS (FISCHER VON WALDHEIM) IN KAZAKHSTAN

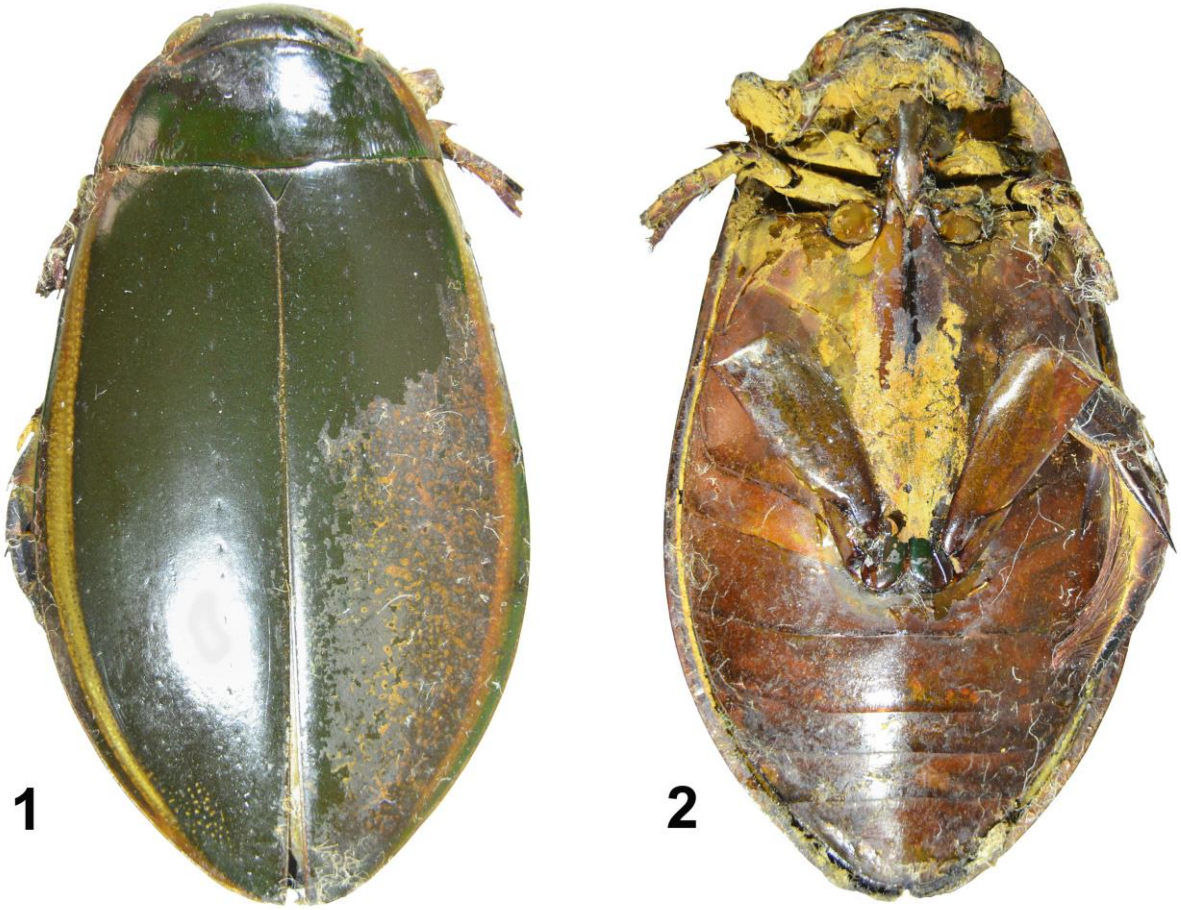
Sergey K Ryndevich

Cybister (*Cybister*) *lateralimarginalis* (De Geer, 1774) is a widespread species and has three subspecies. *C. lateralimarginalis ponticus* Sharp, 1882 is known only from Iraq. *C. lateralimarginalis lateralimarginalis* (De Geer, 1774) is recorded from Europe except in the north, from northern Africa, south-west Asia, Kazakhstan and possibly in Middle Asia (Kirejchuk 2001; Nilsson 2017). We have found this subspecies in the south of Kazakhstan, on the edge of the Middle Asia.

C. lateralimarginalis lateralimarginalis – Kazakhstan, Turkestan reg., Otyrar district, Kyzylkum Desert, near Koksaray, at light, 4.vi.2021, leg. A. P. Kashtalian, 1 specimen.

C. lateralimarginalis torquatus (Fischer von Waldheim, 1829) was known from Georgia, Turkey, Turkmenistan, Afganistan, India (Kashmir), China (Gansu, Ningxia, Inner Mongolia, Xinjiang) ((Kirejchuk 2001; Nilsson 2017). It has now been discovered in Kazakhstan along with the nominative subspecies

C. lateralimarginalis torquatus – Kazakhstan, Kyzylorda reg., Aral district, thermal spring Akespe, 46°47'25"N 60°31'19"E, 12.ix.2022, leg. A. P. Kashtalian, 1 specimen (Figs 1-2); Mangystau Reg., Buzachi Peninsula, near aul Kyzan, pool near an artesian well, 18-23.iv.202, leg. A. P. Kashtalian, 1 specimen; 100 km NW Atyrau, aul Naryn, irrigation ditch, 5.v.2022, leg. A.P. Kashtalian, 1 specimen.



Figures 1–2 Habitus of *Cybister lateralimarginalis torquatus*: 1 – dorsal side; 2 – ventral side

Figure 3 Akespe spring. Arrow shows the place of discovery of *Cybister lateralimarginalis torquatus*, the beetle being just visible bottom left

Akespe is a thermal radon spring (+60°C) in Aral Karakum Desert. In addition, the water of this source is saturated with hydrogen sulphide (Fig. 3). The beetle was found dead in the spring and must have died because of the high water temperature. The specimen had a coating of sulphur (Fig. 2). In addition to the identified specimen, there were two more specimens of dead large diving beetles in the spring, which fell apart when trying to get them out of the water (personal communication by A. P. Kashtalian). *C. lateralimarginalis torquatus* is recorded for the first time for the fauna of Kazakhstan.

Acknowledgements
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