

Additions to the ground beetle fauna (Coleoptera, Carabidae) of the Komsomolskii State Nature Reserve, Silinskii Park, Udyl and Oldzhikanskii Nature Reserves, Khabarovskii Krai, Russia

Дополнения к фауне жужелиц (Coleoptera, Carabidae) Комсомольского заповедника, Силинского парка, заказников «Удыль» и «Ольджиканский» в Хабаровском крае России

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Key words: Carabidae, new data, State Nature Reserves, Khabarovskii Krai.

Ключевые слова: жужелицы, новые данные, заповедник, заказник, Хабаровский край.

Abstract. Additions to the list of species of the family Carabidae of the Komsomolskii State Nature Reserve (43 species), Silinskii Park (11 species), Udyl (6 species) and Oldzhikanskii (2 species) reserves are given. *Amara consericea* Hieke, 2002 was recorded for the first time in Khabarovskii Krai. For *Asaphidion angulicolle* (A. Morawitz, 1862), *Bembidion tetraperum* Bates, 1883, *Brachinus macrocerus* Chaudoir, 1876, *Demetrias amurensis* Motschulsky, 1861, *Dromius quadraticollis* A. Morawitz, 1862, *Dyschirius fassatii* Kult, 1949, *Lebia bifenestrata* A. Morawitz, 1862 and *Trechus nigricornis* Motschulsky, 1844, new data from the Khabarovskii Krai are provided.

Резюме. Внесены дополнения в список жуков семейства Carabidae Комсомольского заповедника (43 вида), Силинского парка (11 видов), заказников «Удыль» (6 видов) и «Ольджиканский» (2 вида). *Amara consericea* Hieke, 2002 впервые указан для фауны Хабаровского края. Для *Asaphidion angulicolle* (A. Morawitz, 1862), *Bembidion tetraperum* Bates, 1883, *Brachinus macrocerus* Chaudoir, 1876, *Demetrias amurensis* Motschulsky, 1861, *Dromius quadraticollis* A. Morawitz, 1862, *Dyschirius fassatii* Kult, 1949, *Lebia bifenestrata* A. Morawitz, 1862 и *Trechus nigricornis* Motschulsky, 1844 впервые даны сведения о местах обитания и изученных экземплярах из Хабаровского края.

Introduction

The primary objective of protected natural areas is the preservation of biodiversity. In order to effectively conserve biodiversity, it is necessary to carry out com-

prehensive studies of it. Ground beetles (Coleoptera, Carabidae) represent a fundamental component of biodiversity and are an integral part of almost all terrestrial natural complexes.

Until the beginning of the 21st century, information about ground beetles (Coleoptera, Carabidae) in specially protected natural areas of the Khabarovskii Krai was fragmentary, including a few descriptions of new taxa and recording of materials in taxonomic revisions. Since 2010, researcher O.V. Kuberskaya has been conducting a consistent study of the Carabidae fauna in the Komsomolskii State Nature Reserve and the territories under its control [Kuberskaya, Mutin, 2011, 2020; Kuberskaya, 2012 a-c, 2013, 2014, 2017a, b, 2022; Sundukov, Kuberskaya, 2014, 2016, 2020; Budilov, Kuberskaya, 2015; Kuberskaya, Budilov, 2015; Kuberskaya et al., 2019].

The Komsomolskii State Nature Reserve (an area of 64.4 thousand hectares) is located in the Komsomolskii district of the Khabarovskii Krai, 40 km northeast of Komsomolsk-na-Amure. The reserve is located on the left bank of the Amur River, in the basin of the lower reaches of the Gorin River. Also subordinate to him are the federal nature reserves Udyl, Oldzhikanskii and Badzhalsky, as well as the natural monument Silinskii Park (Fig. 1). The Udyl Nature Reserve occupies the waters of Lake Udyl and the mouths of the Bichi, Bitki, Alochka and Pilda rivers. It is located in the Ulchsky district on area of 132.7 thousand hectares. The Old-

zhikanskii Nature Reserve has an area of 159.8 thousand hectares and is located in the Polina-Osipenko district, in the central part of the Evoron-Chukchagir lowland and on the Omeldinsky Ridge. The Badzhalsky Nature Reserve has an area of 285.9 thousand hectares and is located in the Solnechny district on the northern macroslope of the Badzhals Ridge. The Silinskii Park natural monument has an area of 50.7 hectares and is located in the floodplain of the lower reaches of the Silinka River within the Silinskii forest in Komsomolsk-na-Amure.

Material

The materials for this work was collected by O.V. Kuberskaya (OK), Yu.N. Sundukov (YS), L.A. Sundukova (LS) (Lazo, Primorskii Krai), V.A. Mutin (VM) (Amur State University of Humanities and Pedagogy, Komsomolsk-na-Amure, Khabarovskii Krai) and V.V. Bobrovsky (VB) (Federal State-Funded Institution «Zapovednoye Priamurye», Komsomolsk-na-Amure, Khabarovskii Krai) in 1985, 2012–2021 (see Appendix 1 to the article). The collection of the Federal Scientific Center of the East Asia Terrestrial Biodiversity, Far Eastern Branch of the Russian Academy of Sciences, Vladivostok (FEB) and the Komsomolskii State Nature Reserve, Komsomolsk-na-Amure (KGZ) stores all the presented material.

Annotated list of ground beetle species collected in the reserves of Khabarovskii Krai of Russia is given in Appendix (p.18–24).

The present work is registered in ZooBank (www.zoobank.org) under LSID urn:lsid:zoobank.org:pub:FDDF9ED1-71EC-42EF-9339-A73BE181636C

Results

Data on the 43 species of Carabidae found in Komsomolskii State Nature Reserve, 11 species in Silinskii Park, 2 species in Oldzhikanskii Nature Reserve, and 6 species in Udyal Nature Reserve are presented for the first time.



Fig. 1. Schematic map of the natural areas under the protection of the Komsomolskii State Nature Reserve.

Рис. 1. Карта-схема ООПТ, находящихся под охраной заповедника «Комсомольский».

Amara consericea is newly recorded for the fauna of the Khabarovskii Krai. The discovery of the species on the left bank of the Amur River represents an expansion of its range to the north by 850 km. Reliable information about the places of habitats and studied specimens in the Khabarovskii Krai for *Asaphidion angulicolle*, *Bembidion tetraporum*, *Brachinus macrocerus*, *Demetrius amurensis*, *Dromius quadraticollis*, *Dyschirius fassatii*, *Lebia bifenestrata* and *Trechus nigricornis* is firstly presented.

Conclusion

Currently, 284 species from 59 genera, 23 tribes, 11 subfamilies of Carabidae are known from the Komsomolskii State Nature Reserve, Silinskii Park, Udyal and Oldzhikanskii Nature Reserves, namely: from the Komsomolskii State Nature Reserve — 218 species, from Silinskii Park — 158 species, from Badzhalsky Nature Reserve — 78 species, from Oldzhikanskii Nature Reserve — 23 species and from Udyal Nature Reserve — 108 species. It is obvious that, apart from the Komsomolskii State Nature Reserve and the Silinskii Park, the other protected natural areas have not been studied sufficiently and require further research.

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Appendix to the article: Yu.N. Sundukov, O.V. Kuberskaya. Additions to the ground beetle fauna (Coleoptera, Carabidae) of the Komsomolskii State Nature Reserve, Silinskii Park, Udyl and Oldzhikanskii Nature Reserves, Khabarovskii Krai, Russia. (Euroasian Entomological Journal. 2024. Vol.23. No.6. P.350–352).
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Annotated list of ground beetle species collected in the reserves of Khabarovskii Krai of Russia

Subfamilies listed are from Bouchard et al. [2011], tribes in subfamilies according to Kryzhanovsky et al. [1995], and genera, subgenera and species in tribes are listed in alphabetical order.

Carabidae Latreille, 1802

Nebrinae Laporte, 1834

Notiophilini Motschulsky, 1850

Notiophilus sibiricus Motschulsky, 1844

Material. *Komsomolskii State Nature Reserve:* oak forest on the slope near the Bichi cordon, 50.74777°N, 137.65382°E, 20–24.VII.2020, OK, 1 ex. (KGZ).

Habitats. In the forest litter.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai it is known from the Bureinsky State Nature Reserve [Lyubchansky et al., 2006] and the Silinskii Park [Kuberskaya, Mutin, 2020].

Cicindelinae Latreille, 1802

Cicindelini Latreille, 1802

Cylindera (Cylindera) gracilis (Pallas, 1773)

Material. *Komsomolskii State Nature Reserve:* near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 19–31.VII.2019, OK, 1♀ (KGZ); ibidem, 31.VII–9.VIII.2019, OK, 1♀ (KGZ); ibidem, 14–30.VII.2021, OK, 1 ex. (KGZ); Bichi cordon, on the bank of the Gorin River, 50.74806°N, 137.65535°E, 25–30.VII.2021, VB, 1♀ (KGZ).

Habitats. On the wasteland and meadow by the river.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Khabarovsk [Berlov, Berlov, 1997; Sundukov, Novomodnyi, 2022] and Silinskii Park [Kuberskaya, Mutin, 2020].

Scaritinae Bonelli, 1810

Clivinini Rafinesque, 1815

Clivina (Clivina) fossor (Linnaeus, 1758)

Material. *Udyl Nature Reserve:* sandy bank of the lower reaches of the Bichi River, 5–9.VII.2019, OK, 4 ex. (KGZ); coniferous-broad-leaf forest in the lower reaches of the Bichi River, 52.448889°N, 139.718333°E, 5–9.VII.2019, OK, 2 ex. (KGZ); birch-poplar forest in the lower reaches of the Bichi River, 52.318056°N, 139.736667°E, 5–9.VII.2019, OK, 22 ex. (KGZ).

Habitats. On the silted river banks in a floodplain forest.

Remarks. First reported for the fauna of Udyl Nature Reserve. In the Khabarovskii Krai, the species was also found in Komsomolskii State Nature Reserve [Sundukov, Kuberskaya, 2014] and Silinskii Park [Kuberskaya, Mutin, 2020].

Dyschiriini H.J. Kolbe, 1880

Dyschirius (Dyschiriodes) aeneus (Dejean, 1825)

Material. *Komsomolskii State Nature Reserve:* an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the

Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 25.VII.2021, YS, LS, 3 ex. (FEB); the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, YS, LS, 2 ex. (FEB); ibidem, 27.VII.2021, OK, 2 ex. (KGZ); ibidem, 28.VII.2021, OK, 1 ex. (KGZ); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, YS, LS, 3 ex. (FEB).

Habitats. On the sands and sandy loams, pebbled river banks in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Udyl Nature Reserve [Kuberskaya, 2017b] and Khabarovsk [Sundukov, Novomodnyi, 2022].

Dyschirius (Dyschiriodes) fassatii

Kult, 1949

Material. *Komsomolskii State Nature Reserve:* bank of the Gorin River, 13–18.VI.2012, OK, 1 ex. (KGZ).

Habitats. On the bank of the river.

Remarks. It was known from the Komsomolskii State Nature Reserve, without indicating the collection sites and material [Kuberskaya, 2022]. Information on collection sites and studied specimens of *D. fassatii* in the Khabarovskii Krai is provided for the first time.

Dyschirius (Dyschiriodes) nitidus

(Dejean, 1825)

Material. *Komsomolskii State Nature Reserve:* Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, OK, 1 ex. (KGZ); ibidem, 29.VII.2021, YS, LS, 1 ex. (FEB).

Habitats. On the sandy bank of the river.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Udyl Nature Reserve [Kuberskaya et al., 2019] and Khabarovsk [Sundukov, Novomodnyi, 2022].

Dyschirius (Dyschiriodes) tristis

Stephens, 1827

Material. *Komsomolskii State Nature Reserve:* an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 25.VII.2021, OK, 1 ex. (KGZ); ibidem, 25.VII.2021, YS, LS, 7 ex. (FEB); the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, YS, LS, 5 ex. (FEB); ibidem, 27.VII.2021, OK, 1 ex. (KGZ); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, YS, LS, 4 ex. (FEB).

Habitats. On the sands and sandy loams, pebbled river banks in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Trechinae Bonelli, 1810

Trechini Bonelli, 1810

Trechus (Epaphius) nigricornis Motschulsky, 1844

Material. *Oldzhikanskii Nature Reserve:* ridge-hollow (-pool) raised bog, 51.846944°N, 136.312778°E, 9–10.VIII.2021, VB, 1♀ (KGZ).

Habitats. On the sphagnum bog.

Remarks. First reported for the fauna of Oldzhikanskii Nature Reserve. Until now, there was no information on the collection sites and studied specimens of *T. nigricornis* in the Khabarovskii Krai.

Tachyini Motschulsky, 1862

Tachyta (Tachyta) nana (Gyllenhal, 1810)

Material. *Komsomolskii State Nature Reserve*: near the Kamennaya Pad' cordon, mixed forest with *Betula platyphylla*, *B. costata*, *Pinus koraicensis*, *Larix cajanderi*, 16.IV.2020, OK, 3 exx. (KGZ); on the banks of the Gorin River near the Tikhaya cordon, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 1 ex. (KGZ); ibidem, 2.VIII.2021, YS, LS, 1♂, 1♀ (FEB).

Habitats. Under tree bark of fallen trees.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Bembidiini Stephens, 1827

Asaphidion angulicolle (A. Morawitz, 1862)

Material. *Komsomolskii State Nature Reserve*: an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 24.VII.2021, YS, LS, 1♂ (FEB).

Habitats. On the sandy banks of a river in a floodplain forest.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. Information on collection sites and studied specimens of *A. angulicolle* in the Khabarovskii Krai is provided for the first time.

Bembidion (Asioperlyphus) semilunium
Netolitzky, 1914

Material. *Komsomolskii State Nature Reserve*: Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, YS, LS, 2 exx. (FEB); on the path to the Tikhaya cordon and along the banks of the Gorin River, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 5 exx. (KGZ).

Habitats. On the silted shores of reservoirs.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Bembidion (Diplocampa) transparens
(Gebler, 1830)

Material. *Silinskii Park*: on the bank of Lake Lesnoye, 50.57032°N, 137.04381°E, 22.VII.2021, YS, 1 ex. (FEB).

Habitats. On the silted lake shore.

Remarks. First reported for the fauna of Silinskii Park.

Bembidion (Melomalus) altaicum (Gebler, 1833)

Material. *Silinskii Park*: sandy bank of the Silinka River with *Salix* spp., 50.58111°N, 137.01770°E, 6–13.VII.2021, OK, 1♂, 2♀♀ (KGZ, FEB).

Habitats. On the sandy bank of the river.

Remarks. First reported for the fauna of Silinskii Park. In the Khabarovskii Krai, the species was also found on Badzhal Range [Sundukov, Kuberskaya, 2020] and Okhotsk [Jedlička, 1965].

Bembidion (Notaphus) varium (Olivier, 1795)

Material. *Komsomolskii State Nature Reserve*: an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 25.VII.2021, YS, LS, 1 ex. (FEB); on the path to the Tikhaya cordon and along the banks of the Gorin River, 50.94021°N, 137.42816°E, 2.VIII.2021, YS, LS, 1 ex. (FEB); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, YS, LS, 2 exx. (FEB).

Habitats. On the sands and sandy loams, pebbled river banks in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Udyal Nature Reserve [Kuberskaya et al., 2019] and Khabarovsk [Sundukov, Novomodnyi, 2022].

Bembidion (Ocydromus) grapii Gyllenhal, 1827

Material. *Komsomolskii State Nature Reserve*: on the path to the Tikhaya cordon near the Muolgu stream and along the banks of the Gorin River, 2.VI.2014, OK, 3 exx. (KGZ); near the Kamenskaya stream, the Kamennaya Pad' cordon, 50.72833°N, 137.38716°E, 8.VI.2020, OK, 1 ex. (KGZ); near the Kamenskaya stream on the road from the Kamennaya Pad' cordon to the pass leading to the Khankuka River, 2–10.VI.2021, OK, 15 exx. (KGZ); near the Kamenskaya stream in the rich in herbs lowland coniferous-broad-leaf forest, 50.74228°N, 137.37982°E, 2–14.VII.2021, OK, 1 ex. (KGZ); the bank of the Khavar stream near the Bichi cordon, 50.77576°N, 137.75379°E, 24.VII.2021, YS, LS, 1 ex. (FEB); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, OK, 3 exx. (KGZ); ibidem, 26.VII.2021, YS, LS, 3 exx. (FEB); unnamed stream between capes Pervyj Byk and Vtoroj Byk on the Gorin River, 50.77563°N, 137.57989°E, 28.VII.2021, OK, 1 ex. (KGZ); on the path to the Tikhaya cordon near the Muolgu stream and along the banks of the Gorin River, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 9 exx. (KGZ).

Habitats. On the sands and sandy loams, pebbled river banks, swampy puddles by the road in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Bembidion (Peryphus) captivorum
Netolitzky, 1943

Material. *Silinskii Park*: sandy bank of the Silinka River with *Salix* spp., 50.58111°N, 137.01770°E, 6–13.VII.2021, OK, 85 exx. (KGZ). *Udyal Nature Reserve*: lower reaches of the Bichi River, 5–9.VII.2019, OK, 1 ex. (KGZ); coniferous-broad-leaf forest in the lower reaches of the Bichi River, 52.306667°N, 139.718333°E, 5–9.VII.2019, OK, 3 exx. (KGZ); birch-poplar forest in the lower reaches of the Bichi River, 52.318056°N, 139.736944°E, 5–9.VII.2019, OK, 73 exx. (KGZ).

Habitats. On the silted river banks in a floodplain forest.

Remarks. First reported for the fauna of Silinskii Park and Udyal Nature Reserve.

Bembidion (Peryphus) dauricum
(Motschulsky, 1844)

Material. *Komsomolskii State Nature Reserve*: Kamennaya Pad' cordon, 18.IV.1985, VM, 2 exx. (FEB).

Habitats. On the bank of an unnamed stream in the forest.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Okhotsk [Jedlička, 1965] and Sofiysk [Budilov, 2019].

Bembidion (Philochthus) baicalicum
(Motschulsky, 1844)

Material. *Komsomolskii State Nature Reserve*: Bichi cordon, on the bank of the Gorin River, 50.74754°N, 137.65513°E, 23.VII.2021, OK, ♂ (KGZ); an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 25.VII.2021, OK, 1♀ (KGZ); bank of the Gorin River, near the Bichi cordon, 50.74761°N, 137.65438°E, 25.VII.2021, OK, 1♂ (FEB); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, OK, 2♂♂, 4♀♀ (FEB, KGZ); ibidem, 26.VII.2021, YS, LS, 1♀ (FEB); unnamed stream between capes Pervyj Byk and Vtoroj Byk on the Gorin River, 50.77563°N, 137.57989°E, 28.VII.2021, YS, LS, 3♂♂ (FEB); Bichi cordon, on the bank of the Gorin River, 50.74806°N, 137.65535°E, 25–30.VII.2021, VB, 1♂ (KGZ); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, OK, 2♀♀ (KGZ); ibidem, 29.VII.2021, YS, LS, 2♀♀ (FEB).

Habitats. On the silted, pebbly and grassy river banks in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. The Catalogue of Palaearctic Coleoptera

is not listed for the Russian Far East [Marggi et al., 2017], although the species was also found in Primorskii Krai [Lafer, 1977; Shabalin et al., 2009; Sundukov, 2013] and Khabarovsk [Berlov, Berlov, 1997].

Bembidion (Plataphus) difficile (Motschulsky, 1844)

Material. *Komsomolskii State Nature Reserve:* Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, YS, LS, 1♂ (FEB).

Habitats. On the sandy-pebble shore of the river.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. Previously, material from the Khabarovskii Krai was indicated only from the Northern Amur Region: Badzhal Range, Bureinsky State Nature Reserve, Bolshoi Shantar Island [Koshkin et al., 2016; Sundukov, Kuberskaya, 2020; Sundukov et al., 2021].

Bembidion (Plataphus) gebleri (Gebler, 1833)

Material. *Komsomolskii State Nature Reserve:* on the banks of the Gorin River near the Tikhaya cordon, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 1 ex. (KGZ); ibidem, 2.VIII.2021, YS, LS, 1♂ (FEB).

Habitats. On the sandy-pebble shore of the river.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found on Badzhal Range [Sundukov, Kuberskaya, 2020] and Okhotsk [Jedlička, 1965].

Bembidion (Plataphus) prasinum
(Duftschmid, 1812)

Material. *Komsomolskii State Nature Reserve:* on the banks of the Gorin River near the Tikhaya cordon, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 3 ex. (KGZ).

Habitats. On the sandy-pebble shore of the river.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found on Badzhal Range [Sundukov, Kuberskaya, 2020]; also collected on the pebble bank of the Amutinka River, Myao-Chan Ridge, 1.VIII.2021, YS, LS, 3♂♂, 1♀ (FEB).

Bembidion (Plataphus) tetraporum Bates, 1883

Material. *Komsomolskii State Nature Reserve:* on the path to the Tikhaya cordon and along the banks of the Gorin River, 50.94021°N, 137.42816°E, 2.VI.2014, OK, 5 ex. (KGZ); ibidem, 2.VIII.2021, OK, 9 ex. (KGZ); ibidem, 2.VIII.2021, YS, LS, 1 ex. (FEB); rich in herbs lowland coniferous-broad-leaf forest, near the Kamenskaya stream near the Kamennaya Pad' cordon, 50.72833°N, 137.38716°E, 1–11.V.2018, OK, 1 ex. (KGZ); ibidem, 8.VI.2020, OK, 3 ex. (KGZ); on the road from the Kamennaya Pad' cordon to the pass leading to the Khankuka River, 2–10.VI.2021, OK, 4 ex. (KGZ); the bank of the Khavar stream near the Bichi cordon, 50.77576°N, 137.75379°E, 24.VII.2021, OK, 17 ex. (KGZ); ibidem, 24.VII.2021, YS, LS, 21 ex. (FEB); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, YS, LS, 12 ex. (FEB).

Habitats. On the sands and sandy loams, pebbled river banks and streams, swampy puddles by the road in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. Information on collection sites and studied specimens of *B. tetraporum* in the Khabarovskii Krai is provided for the first time; also collected on the pebble bank of the Amutinka River, Myao-Chan Ridge, 1.VIII.2021, OK, YS и LS, 1♂, 1♀ (FEB, KGZ).

Bembidion (Trepanedoris) atripes
(Motschulsky, 1844)

Material. *Silinskii Park:* sandy bank of the Silinka River with *Salix* spp., 50.58111°N, 137.01770°E, 6–13.VII.2021, OK, 1♂ (KGZ); on the bank of Lake Lesnoye, 50.57032°N, 137.04381°E, 22.VII.2021, YS, 1♀ (FEB).

Habitats. On the silted shores of reservoirs.

Remarks. First reported for the fauna of Silinskii Park.

Bembidion (Trichoplataphus) deplanatum
A. Morawitz, 1862

Material. *Komsomolskii State Nature Reserve:* on the banks of the Gorin River near the Tikhaya cordon, 50.94021°N, 137.42816°E, 2.VIII.2021, YS, LS, 1♂, 4♀♀ (FEB).

Habitats. On the sandy-pebble shore of the river.

Remarks. It was known from the Komsomolskii State Nature Reserve, without indicating the collection sites and material [Kuberskaya, 2022]. In the Khabarovskii Krai, the species was also found in Khabarovsk [Sundukov, Novomodnyi, 2022].

Harpalinae Bonelli, 1810

Pterostichini Bonelli, 1810

Poecilus (Poecilus) nitidicollis Motschulsky, 1844

Material. *Komsomolskii State Nature Reserve:* near the SW border, a wasteland on the site of the former football field of the abandoned children's camp "Del'phin", 50.717350°N, 137.382641°E, 22.VI–2.VII.2018, OK, 1 ex. (KGZ); oak forest on the slope near the Bichi cordon, 50.74777°N, 137.65382°E, 20–24.VII.2020, OK, 2 ex. (KGZ); Bichi cordon, on the bank of the Gorin River, 50.74754°N, 137.65513°E, 22.VII.2021, OK, 1♂ (KGZ); an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 22–23.VII.2020, OK, 1♂ (KGZ); ibidem, 24.VII.2021, YS, LS, 2♀♀ (FEB); ibidem, 25.VII.2021, OK, 1♂, 4♀♀ (KGZ); ibidem, 25.VII.2021, YS, LS, 2♂♂, 1♀ (FEB); the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, YS, LS, 3♂♂, 2♀♀ (FEB); ibidem, 27.VII.2021, OK, 1♂ (KGZ); ibidem, 28.VII.2021, OK, 3 ex. (KGZ).

Habitats. In the wasteland and along the banks of reservoirs, in a broad-leaf forest.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Pterostichus (Badistrinus) haptoderoides
(Tschitschérine, 1889)

Material. *Komsomolskii State Nature Reserve:* near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 1–8.VI.2018, OK, 1 ex. (KGZ); ibidem, 7–20.V.2020, OK, 1 ex. (KGZ); ibidem, 14–30.VII.2021, OK, 1 ex. (KGZ); bank of the Gorin River, near the Bichi cordon, 50.74761°N, 137.65438°E, 25.VII.2021, OK, 1 ex. (KGZ); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, OK, 1♂ (KGZ); the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, YS, LS, 1♂ (FEB); on the path to the Tikhaya cordon, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 1 ex. (KGZ); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, OK, 1♂♂, 2♀♀ (KGZ); ibidem, 29.VII.2021, YS, LS, 1♂, 2♀♀ (FEB).

Habitats. In the wasteland and along the banks of reservoirs.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Pterostichus (Eosteropus) japonicus
(Motschulsky, 1861)

Material. *Komsomolskii State Nature Reserve:* Bichi cordon, on the bank of the Gorin River, 50.74754°N, 137.65513°E, 23.VII.2021, LS, 1♂ (FEB); an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 24.VII.2021, YS, LS, 1♀ (FEB); bank of the Gorin River, near the Bichi cordon, 50.74761°N, 137.65438°E, 25.VII.2021, OK, 1♀ (KGZ); the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, OK, 1♂ (FEB).

Additions to the ground beetle fauna of Khabarovskii Krai, Russia

Habitats. On the silted, pebbly and grassy river banks.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Pterostichus (Phonias) goschi Jedlička, 1930

Material. *Silinskii Park*: sandy bank of the Silinka River with *Salix* spp., 50.58111°N, 137.01770°E, 6–13.VII.2021, OK, 1 ex. (KGZ).

Habitats. On the sandy bank of the river.

Remarks. First reported for the fauna of Silinskii Park.

Pterostichus (Phonias) jankowskyi
(Tschitscherine, 1897)

Material. *Silinskii Park*: lowland forest with *Ulmus laciniata* and *Fraxinus mandshurica* near Lake Lesnoe, 50.56998°N, 137.04218°E, 21.V–1.VI.2020, OK, 1 ex. (KGZ). *Udyl Nature Reserve*: reedgrass birch-hemlock forest in the lower reaches of the Bichi River, 52.266667°N, 139.763056°E, 6–9.VII.2019, OK, 1 ex. (KGZ).

Habitats. In a lowland and floodplain forests.

Remarks. First reported for the fauna of Silinskii Park and Udyl Nature Reserve.

Pterostichus (Rhagadus) microcephalus
(Motschulsky, 1861)

Material. *Silinskii Park*: sandy bank of the Silinka River with *Salix* spp., 50.58111°N, 137.01770°E, 6–13.VII.2021, OK, 1 ex. (KGZ).

Habitats. On the sandy bank of the river.

Remarks. First reported for the fauna of Silinskii Park.

Sphodrina Laporte, 1834

Synuchus (Synuchus) rjabuchini Lafer, 1989

Material. *Komsomolskii State Nature Reserve*: mixed forest with *Betula platyphylla*, *Pinus koraiensis*, *Acer mono*, *A. tegmentosum*, *Abies nephrolepis* near Mount Sergol', 50.733333°N, 137.3975°E, 3–11.VIII.2018, OK, 1 ex. (KGZ); ibidem, 31.VII–9.VIII.2019, OK, 3 exx. (KGZ); poplar-oak forest near Mount Sergol', 50.738333°N, 137.401667°E, 9–21.VIII.2019, OK, 2 exx. (KGZ).

Habitats. In a mixed broad-leaf forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Silinskii Park [Kuberskaya, Mutin, 2011] and Khekhtsirsky Nature Reserve [Budilov, 2017].

Platynini Bonelli, 1810

Agonum (Agonum) bicolor (Dejean, 1828)

Material. *Komsomolskii State Nature Reserve*: an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 24.VII.2021, OK, 15 exx. (KGZ); ibidem, 24.VII.2021, YS, LS, 25 exx. (FEB); ibidem, 25.VII.2021, OK, 4 exx. (KGZ); ibidem, 25.VII.2021, YS, LS, 17 exx. (FEB); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, OK, 1 ex. (KGZ); ibidem, 29.VII.2021, YS, LS, 4 exx. (FEB).

Habitats. In the wet leaf litter on the silted river banks in a floodplain forest.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Agonum (Europhilus) consimile (Gyllenhal, 1810)

Material. *Silinskii Park*: on the bank of Lake Lesnoe, 50.57032°N, 137.04381°E, 22.VII.2021, YS, 1♂ (FEB).

Habitats. On the silted lake shore.

Remarks. First reported for the fauna of Silinskii Park.

Agonum (Europhilus) gracile Sturm, 1824

Material. *Udyl Nature Reserve*: birch-poplar forest in the lower reaches of the Bichi River, 52.318056°N, 139.736944°E, 5–9.VII.2019, OK, 1♂ (KGZ).

Habitats. On the bank of the river in a floodplain forest.

Remarks. First reported for the fauna of Udyl Nature Reserve.

Agonum (Europhilus) subtruncatum
(Motschulsky, 1860)

Material. *Komsomolskii State Nature Reserve*: rich in herbs lowland coniferous-broad-leaf forest, near the Kamenskaya stream near the Kamennaya Pad' cordon, 50.728333°N, 137.387167°E, 8.VI.2020, OK, 1 ex. (KGZ); on the road from the Bichi cordon to the Namek stream, 50.75801°N, 137.65486°E, 23.VII.2021, OK, 2 exx. (KGZ); the bank of the Khavar stream near the Bichi cordon, 50.77576°N, 137.75379°E, 24.VII.2021, OK, 9 exx. (KGZ); ibidem, 24.VII.2021, YS, LS, 5 exx. (FEB); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, OK, 2 exx. (KGZ); ibidem, 26.VII.2021, YS, LS, 7 exx. (FEB); on the banks of the Gorin River near the Tikhaya cordon, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 1 ex. (KGZ). *Udyl Nature Reserve*: coniferous-broad-leaf forest in the lower reaches of the Bichi River, 52.448889°N, 139.718333°E, 5–9.VII.2019, OK, 5 exx. (KGZ); birch-poplar forest in the lower reaches of the Bichi River, 52.318056°N, 139.736667°E, 5–9.VII.2019, OK, 5 exx. (KGZ); reedgrass birch-hemlock forest in the lower reaches of the Bichi River, 52.266667°N, 139.763056°E, 6–9.VII.2019, OK, 12 exx. (KGZ); reedgrass-sedge birch forest in the lower reaches of the Bichi River, 52.201944°N, 139.789444°E, 6–9.VII.2019, OK, 1 ex. (KGZ).

Habitats. Along the banks of reservoirs in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve and Udyl Nature Reserve. In the Khabarovskii Krai, the species was also found on Bolshoi Shantar Island [Sundukov et al., 2021]. The KGZ collection includes material from the Myao-Chan Ridge, on the banks of the Amutinka River, 27.VI–18.VII.2019, OK, 10 exx.

Agonum (Europhilus) thoreyi Dejean, 1828

Material. *Komsomolskii State Nature Reserve*: Bichi cordon, on the bank of the Gorin River, 50.74754°N, 137.65513°E, 22.VII.2021, YS, LS, 1♂ (FEB); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, YS, LS, 1♀ (FEB); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, YS, LS, 1♂ (FEB).

Habitats. Along the banks of reservoirs in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Agonum (Olisares) jankowskii Lafer, 1992

Material. *Komsomolskii State Nature Reserve*: near the SW border, a wasteland on the site of the former football field of the abandoned children's camp "Del'phin", 50.717350°N, 137.382641°E, 1–11.V.2018, OK, 1 ex. (KGZ).

Habitats. On a waterlogged sedge wasteland.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Udyl Nature Reserve [Kuberskaya et al., 2019] and Khabarovsk [Sundukov, Novomodnyi, 2022].

Agonum (Olisares) mandli Jedlička, 1933

Material. *Silinskii Park*: sandy bank of the Silinka River with *Salix* spp., 50.58111°N, 137.01770°E, 6–13.VII.2021, OK, 1 ex. (KGZ).

Habitats. On the sandy bank of the river.

Remarks. First reported for the fauna of Silinskii Park. In the Khabarovskii Krai, the species was also found in Komsomolskii State Nature Reserve [Kuberskaya, 2013], Anyuisky National Park [Budilov, 2013] and northern Sikhote-Alin, mouth of the Si River near Mukhen [Sundukov, Novomodnyi, 2022].

Zabrini Bonelli, 1810

Amara (Amara) consericea Hieke, 2002

Material. *Silinskii Park*: white-birch forest near of the Teplyj stream, 50.57227°N, 137.04635°E, 8–30.VI.2020, OK, 1 ex. (KGZ).

Habitats. In a floodplain forest.

Remarks. First reported for the fauna of Silinskii Park and Khabarovskii Krai. The northernmost records of the species were known from the south of Sikhote-Alin: from the Ussuriysky and Lazovsky nature reserves [Hieke, 2002; Sundukov, 2009]. The discovery of *A. consericea* on the left bank of the Amur River extends the range of the species by 850 km northwards.

Amara (Amara) familiaris (Duftschmid, 1812)

Material. *Komsomolskii State Nature Reserve*: poplar-oak forest near Mount Sergol, 50.738333°N, 137.401667°E, 8–22.V.2019, OK, 1 ex. (KGZ); near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 2–15.VII.2020, OK, 1 ex. (KGZ); ibidem, 14–30.VII.2021, OK, 1 ex. (KGZ).

Habitats. In a poplar-oak forest and wasteland.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Amara (Amara) lunicollis Schiødte, 1837

Material. *Udyl Nature Reserve*: coniferous-broad-leaf forest in the lower reaches of the Bichi River, 52.448889°N, 139.718333°E, 5–9.VII.2019, OK, 1 ex. (KGZ).

Habitats. In a coniferous-broad-leaf forest.

Remarks. First reported for the fauna of Udyl Nature Reserve.

Amara (Amara) magnicollis Tschitschérine, 1894

Material. *Komsomolskii State Nature Reserve*: near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 16–22.V.2019, OK, 1 ex. (KGZ); ibidem, 31.V–11.VI.2019, OK, 1 ex. (KGZ); ibidem, 21.VIII–26.IX.2019, OK, 1 ex. (KGZ); ibidem, 7–20.V.2020, OK, 1 ex. (KGZ).

Habitats. In the wasteland.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Amara (Amara) obscuripes Bates, 1873

Material. *Silinskii Park*: forest glade at the NE border of the Silinskii Park natural monument, 50.57634°N, 137.04153°E, 8–30.VI.2020, OK, 1 ex. (KGZ).

Habitats. On the glade at forest.

Remarks. First reported for the fauna of Silinskii Park. In the Khabarovskii Krai, the species was also found in Bureinsky State Nature Reserve [Koshkin et al., 2016], vicinities of Khabarovsk [Kurenshchikov et al., 2010] and northern Sikhote-Alin, mouth of the Si River near Mukhen [Sundukov, Novomodnyi, 2022].

Amara (Amara) pseudocoraica Hieke, 2002

Material. *Komsomolskii State Nature Reserve*: near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 11–20.VI.2019, OK, 1 ex. (KGZ).

Habitats. In the wasteland.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species has also been found in the vicinity of Khabarovsk [Hieke, 2002].

Amara (Bradytus) majuscula (Chaudoir, 1850)

Material. *Komsomolskii State Nature Reserve*: near the SW border, a wasteland on the site of the former football field of the abandoned

children's camp «Del'phin», 50.717350°N, 137.382641°E, 7–20.V.2020, OK, 1 ex. (KGZ); an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 22–23.VII.2020, OK, 1 ex. (KGZ).

Habitats. On a wasteland and a river bank.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Amara (Reductocelia) minuta
(Motschulsky, 1844)

Material. *Komsomolskii State Nature Reserve*: near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 19–31.VII.2019, OK, 1 ex. (KGZ); ibidem, 14–30.VII.2021, OK, 1 ex. (KGZ).

Habitats. In the wasteland.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species has also been found in Silinskii Park, Bureinsky State Nature Reserve [Koshkin et al., 2016] and in the vicinity Khabarovsk [Kurenshchikov et al., 2010].

Harpalini Bonelli, 1810

Harpalus (Anamblystus) latus (Linnaeus, 1758)

Material. *Oldzhikanskii Nature Reserve*: ridge-hollow (-pool) raised bog, 51.846944°N, 136.312778°E, 9–10.VIII.2021, VB, 1♀ (KGZ).

Habitats. On the sphagnum bog.

Remarks. First reported for the fauna of Oldzhikanskii Nature Reserve.

Harpalus (Haploharpalus) corporosus
(Motschulsky, 1862)

Material. *Komsomolskii State Nature Reserve*: near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 20.IV–1.VII.2019, OK, 1♀ (KGZ); ibidem, 12–19.VII.2019, OK, 1♂ (KGZ).

Habitats. In the wasteland.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Harpalus (Pseudoophonus) pastor
Motschulsky, 1844

Material. *Komsomolskii State Nature Reserve*: near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 9–21.VIII.2019, OK, 1♀ (KGZ).

Habitats. In the wasteland.

Remarks. It was known from the Komsomolskii State Nature Reserve, without indicating the collection sites and material [Kuberskaya, 2022]. In the Khabarovskii Krai, the species has also been found in the vicinity of Khabarovsk [Kurenshchikov et al., 2010]. The FEB collection includes 1 ex. *H. pastor* with the label: «GKomsomol'skij rajon, pos. Novyj Mir, 4.VI.1976, Mutin V.A.» [in Cyrillic, = Komsomolskii district, New World village, 4.VI.1976, Mutin V.A.].

Licinini Bonelli, 1810

Badister (Baudia) marginellus Bates, 1873

Material. *Komsomolskii State Nature Reserve*: oak forest on the slope near the Bichi cordon, 50.74777°N, 137.65382°E, 20–24.VII.2020, OK, 1♂ (KGZ); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, YS, LS, 1♂ (FEB).

Habitats. In a mixed broad-leaf forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found on Khekhtsir Range [Lafer, 1977: as *B. nigriceps* A. Morawitz, 1863] and on the northern Sikhote-Alin [Sundukov, Kuberskaya, 2016].

Additions to the ground beetle fauna of Khabarovskii Krai, Russia

Badister (Baudia) ussuriensis Jedlička, 1937

Material. *Komsomolskii State Nature Reserve:* Bichi cordon, on the bank of the Gorin River, 50.74754°N, 137.65513°E, 22.VII.2021, YS, LS, 1 ex. (FEB); ibidem, 23.VII.2021, YS, LS, 1 ex. (FEB); on the road from the Bichi cordon to the Namek stream, 50.75801°N, 137.65486°E, 23.VII.2021, OK, 4 exx. (KGZ); the bank of the Khavar stream near the Bichi cordon, 50.77576°N, 137.75379°E, 24.VII.2021, OK, 1 ex. (KGZ); an island covered with *Salix* spp. and *Spiraea* spp. on the Amur River at the entrance to the Prokop channel and the mouth of the Gorin River (Strelka), 50.69808°N, 137.64113°E, 24.VII.2021, OK, 8 exx. (KGZ); ibidem, 25.VII.2021, OK, 1 ex. (KGZ); ibidem, 25.VII.2021, YS, LS, 6 exx. (FEB); Cape Tretij Byk on the Gorin River, bank of the stream, 50.80577°N, 137.53552°E, 26.VII.2021, OK, 8 exx. (KGZ); ibidem, 26.VII.2021, YS, LS, 10 exx. (FEB); the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, YS, LS, 10 exx. (FEB); ibidem, 27.VII.2021, OK, 5 exx. (KGZ); ibidem, 28.VII.2021, OK, 4 exx. (KGZ); unnamed stream between capes Pervyj Byk and Vtoroj Byk on the Gorin River, 50.77563°N, 137.57989°E, 28.VII.2021, OK, 1 ex. (KGZ); ibidem, 28.VII.2021, YS, LS, 2 exx. (FEB); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, OK, 1 ex. (KGZ); ibidem, 29.VII.2021, YS, LS, 9 exx. (FEB).

Habitats. Along the banks of reservoirs in lowland and floodplain forests.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Lebiini Bonelli, 1810

Apristus striatus (Motschulsky, 1844)

Material. *Komsomolskii State Nature Reserve:* the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, YS, LS, 7♂♂, 10♀♀ (FEB); ibidem, 27.VII.2021, OK, 10♂♂, 9♀♀ (KGZ); unnamed stream between capes Pervyj Byk and Vtoroj Byk on the Gorin River, 50.77563°N, 137.57989°E, 28.VII.2021, YS, LS, 1♂ (FEB); bank of the Gorin River, 50.74806°N, 137.65535°E, 25–30.VII.2021, VB, 3 exx. (KGZ); on the banks of the Gorin River near the Tikhaya cordon, 50.94021°N, 137.42816°E, 2.VIII.2021, OK, 2 exx. (KGZ).

Habitats. On the sandy-pebble shore of the river.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species was also found in Udyl Nature Reserve [Kuberskaya et al., 2019].

Cymindis (Orientoberus) daimio Bates, 1873

Material. *Komsomolskii State Nature Reserve:* oak forest on the slope near the Bichi cordon, 50.74777°N, 137.65382°E, 20–24.VII.2020, OK, 1♂ (KGZ).

Habitats. In the litter of an oak forest.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Demetrius (Demetrius) amurensis Motschulsky, 1861

Material. *Komsomolskii State Nature Reserve:* Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, YS, LS, 1♂ (FEB).

Habitats. On the grassy river bank.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. Until now, there was no information on the collection sites and studied specimens of *D. amurensis* in the Khabarovskii Krai. The FEB collection includes 3 exx. *D. amurensis* in the Khabarovskii Krai with the labels: «r. Urkan, s. Zarechnoe, 3.IX.1956» [in Cyrillic, = Urkan River, Zarechnoye village, 3.IX.1956], 1 ex.; «Komsomol'skij rajon, pos. Pivan', s. pochvy, 16.VI.1980, V.A. Mutin» [in Cyrillic, = Komsomolskii district, Pivan' village, from the

soil, 16.VI.1980, V.A. Mutin], 1 ex.; «pos. Pivan', 20.V.1998, V.A. Mutin» [in Cyrillic, = Pivan' village, 20.V.1998, V.A. Mutin], 1 ex.

Dromius (Dromius) quadraticollis A. Morawitz, 1862

Material. *Komsomolskii State Nature Reserve:* mixed forest of *Betula platyphylla*, *Pinus koraiensis*, *Acer mono*, *A. tegmentosum*, *Abies nebrolepis* near Mount Sergol, 50.733333°N, 137.3975°E, 8–22.V.2019, OK, 1 ex. (KGZ).

Habitats. In a mixed coniferous-broad-leaf forest.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. Information on collection sites and studied specimens of *D. quadraticollis* in the Khabarovskii Krai is provided for the first time.

Lebia (Poecilothais) bifenestrata A. Morawitz, 1862

Material. *Komsomolskii State Nature Reserve:* rich in herbs lowland coniferous-broad-leaf forest, 50.74228°N, 137.37982°E, 2–14.VII.2021, OK, 1 ex. (KGZ).

Habitats. In a lowland coniferous-broad-leaf forest.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. Information on collection sites and studied specimens of *L. bifenestrata* in the Khabarovskii Krai is provided for the first time. The FEB collection includes 2 exx. *L. bifenestrata* in the Khabarovskii Krai with the labels: «Hekhcirskij zapovednik, smeshannyj les, perekhodnye poyasa, IX.1990, G. Ganin» [in Cyrillic, = Bolshekhokhtsirsky Nature Reserve, mixed forest, transitional zones, IX.1990, G. Ganin] 1 ex.; «Bikinskij rajon, hr. Epovskij, hvojnoshirokolistvennyj les, 10.VIII.1990, G. Ganin» [in Cyrillic, = Bikinsky district, Epovsky Range, coniferous-deciduous forest, 10.VIII.1990, G. Ganin], 1 ex. According to oral comments by V.V. Dubatolov (Institute of Systematics and Ecology of Animals, Siberian Branch of Russian Academy of Sciences, Novosibirsk) in the forests of Bol'shoy Khekhtsir, this is a very common species that flies well into light traps (from 2 to 8 exx. per night) in a variety of biotopes. The material is stored in the ISEA SB RAS, Novosibirsk, determination by R.Yu. Dudko.

Syntomus pallipes (Dejean, 1825)

Material. *Komsomolskii State Nature Reserve:* Bichi cordon, on the bank of the Gorin River, 50.74754°N, 137.65513°E, 22.VII.2021, OK, 8 exx. (KGZ); ibidem, 23.VII.2021, OK, 1♀ (KGZ); Bichi cordon, by light, 50.74805°N, 137.65402°E, 23.VII.2021, OK, 1♂ (KGZ); the pebble bank of the Gorin River, 500 metres SW of the Bichi cordon, 50.74567°N, 137.64912°E, 27.VII.2021, YS, LS, 1♀ (FEB); ibidem, 27.VII.2021, OK, 3♀♀ (KGZ); unnamed stream between capes Pervyj Byk and Vtoroj Byk on the Gorin River, 50.77563°N, 137.57989°E, 28.VII.2021, YS, LS, 8♂♂, 10♀♀ (FEB); Chenki natural boundary on the Amur River, 50.69113°N, 137.57105°E, 29.VII.2021, OK, 4 exx. (KGZ).

Habitats. On the silted, pebbly and grassy river banks.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve.

Dryptini Bonelli, 1810

Drypta (Drypta) ussuriensis Jedlička, 1964

Material. *Komsomolskii State Nature Reserve:* near the SW border, a wasteland on the site of the former football field of the abandoned children's camp «Del'phin», 50.717350°N, 137.382641°E, 8–22.VI.2018, OK, 1 ex. (KGZ).

Habitats. In the wasteland.

Remarks. First reported for the fauna of Komsomolskii State Nature Reserve. In the Khabarovskii Krai, the species has also been found in the vicinity of Khabarovsk [Kurenshchikov et al., 2016].

Yu.N. Sundukov, O.V. Kuberskaya

Brachininae Bonelli, 1810

Brachinini Bonelli, 1810

Brachinus macrocerus Chaudoir, 1876

Material. *Komsomolskii State Nature Reserve*: mouth of the Gorin River, 13–18.VI.2012, OK, 1 ex. (KGZ).

Habitats. On the sandy bank of the river.

Remarks. It was known from the Komsomolskii State Nature Reserve, without indicating the collection sites and material [Kuberskaya, 2022]. Information on collection sites and studied specimens of *B. macrocerus* in the Khabarovskii Krai is provided for the first time.