A new species of *Carabus* from the South Urals (Coleoptera: Carabidae)

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*Carabus* (*Morphocarabus*) *karpinskii* sp. n. is described from the highest tops of the South Urals. It is closely related to *C. (M.) odoratus* Motsch.

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*Carabus* (*Morphocarabus*) *karpinskii* sp. n.
(Figs 1, 3)

*Holotype*. ♂, Russia, Bashkortostan, South Urals, Iremel Mt., 1500 m, 1.VII.1985 (Matveev), kept in the Zoological Institute, St.Petersburg.

*Paratypes*. More than 20 ♂ and ♀ collected at the same locality in May-July of 1985 and 1986 by A. Matveev and Yu. Korobeynikov, kept in the Zoological Institute, St.Petersburg, and Republican Nature Museum, Ufa.

*Additional material* (not included in the type series). About ten specimens collected from the same region (Yamantau Mt., Zigalga Mt., etc.).

*Description*. Similar to *C. (M.) odoratus* Motschulsky. Body, especially elytra, more strongly depressed. Middle antennal segments in male not nodulous. Tooth of submentum acute, as long as lateral lobes. Pronotum subcordate, 1.37-1.47 times as wide as long, with 2 marginal setae; its sides narrowly margined and slightly bent upwards; lobes of hind angles somewhat longer than in *C. odoratus septentrionis* Breuning, triangular, acute. Elytra elongately oval, widest behind middle, in males 1.68-1.74, in females 1.55-1.70 times longer than wide; their sculpture triploid, homodynamic; striae roughly punctured; all intervals slightly convex, the primary ones at most scarcely wider than the others and interrupted by small primary foveae into rather long links; the other intervals interrupted by shallow transverse wrinkles, especially in apical part; three more intervals are distinct laterally to third primary interval; sides of elytra narrowly margined. Metepisterna smooth, slightly lon-

Figs 1-4. 1, 3, *Carabus karpinskii* sp. n.; 2, 4, *C. odoratus septentrionis* Breuning. 1-2, elytra, lateral view; 3-4, apical lobe of penis, from above.

ger than wide. Abdominal furrows absent. Legs rather long and thin; fore tarsi in male with 4 dilated segments. Apical lobe of penis narrowed to apex, acutely pointed, slightly sloping at left side. Body black; the margins of pronotum and elytra and usually the primary foveae purple, rarely green; primary foveae sometimes indistinct.

*Etymology*. Named in the honour of the famous Russian geologist, Academician A.P. Karpinski (1846-1936), a distinguished explorer of the Urals.

*Comparison*. Closely related to *C. odoratus* (Figs 2, 4), differs from all the forms of this species in the shape of the apical lobe of penis and in the strongly depressed elytra. Probably it is a relatively young derivative of *C. odoratus*-stem, isolated in the highest tops of South Urals soon after the last glaciation.

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