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Two new subgenera of the genus *Pterostichus*
(Coleoptera, Carabidae) from China

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TWO NEW SUBGENERA OF THE GENUS PTEROSTICHUS

(COLEOPTERA, CARABIDAE) FROM CHINA

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Hereafter, two new subgenera are described.

I grateful to Mr. A.V. Kozyrev for *Pterostichus* specimens from China.

Kozyrevius O.Berlov, subgen.n. (genus *Pterostichus*)

Type species: *Pterostichus militaris* Tschitscherine, 1893.

Description: Body, legs and antennae black. Size large, total lenght 16–18 mm. Metatrochanter without a seta. Metacoxa with 2 setiferous pores. Mesofemur with 5 setiferous pores along hind margin. Last tarsal segment setose on under surface. Metepisternum short. Head smooth. Eyes and mandibles normal. Pronotum cordate, distinctly constricted in front of hind angles, without latero-basal carina. Elytra oval, distinctly convex, with very feeble subapical sinuation. Shoulders rounded, without humeral tooth. Basal border normal. Striae distinct, impunctate. Scutellar stria with setiferous pore. Intervals flat, third interval with 3–5 setiferous pores: first pore situated near third stria, remainder nearer toward second stria. Anal sternum of male flat. Penis with long lamella. Right paramere short. Endophallus (Fig. 2) with 1 hooked agonoporial sclerite. Microtrichial fields on the surface of endophallus faintly pigmented.

Comparisons: *Kozyrevius* subgen.n. includes 1 species – *Pterostichus militaris* Tschitscherine (from China: Prov. Gansu), which was included to the subgenus *Arachnoideus* Chaudoir (Jedlicka, 1962). But subgenus *Arachnoideus* can be distinguished very easily from the new subgenus by the mesofemur with only 2 setiferous pores along hind margin, distinct shoulders, large medial tubercle on the anal sternum of male, very short lamella of penis and structure of the inflated endophallus.

Etymology: The subgenus is named in honor of russian entomologist Anatoly Kozyrev from Patrushi near Ekaterinburg.

Chinapterus O.Berlov, subgen.n. (genus *Pterostichus*)

Type species: *Pterostichus balthasari* Jedlicka, 1937.

Description: Body black, legs and antennae black or dark-brown. Size medium, total lenght 10–12 mm. Metatrochanter without a seta. Metacoxa with 2 setiferous pores. Mesofemur with 4–5 setiferous pores along hind margin. Last tarsal segment setose on under surface. Metepisternum short. Head smooth. Eyes and mandibles normal. Pronotum with feeble latero-basal carina. Elytra convex, with feeble subapical sinuation and without plica. Shoulders distinct, slightly

rounded, without any trace of tooth. Basal border normal. Striae fine, punctate. Scutellar stria sometimes without setiferous pore. Intervals weakly convex. Third interval with 2–3 setiferous pores nearer to second stria. Anal sternum of male flat. Penis normal, with short lamella. Right paramere long. Endophallus (Fig. 1) with 2 agonoporial sclerites. Microtrichial fields on the surface of endophallus faintly pigmented.

Comparisons: This subgenus includes 1 species—*Pterostichus balthasari* Jedlicka (from China: Prov. Gansu and Cinghai), which was included to the subgenus *Petrophilus* Chaud. (= *Euryperis* Motsch.). But subgenus *Petrophilus* easily distinguished from the *Chinapterus* subgen. n. by the mesofemur with only 2 setiferous pores along hind margin and structure of the inflated endophallus.

Etymology: The subgeneric name is derived from two words: «China» and «Pterostichus».

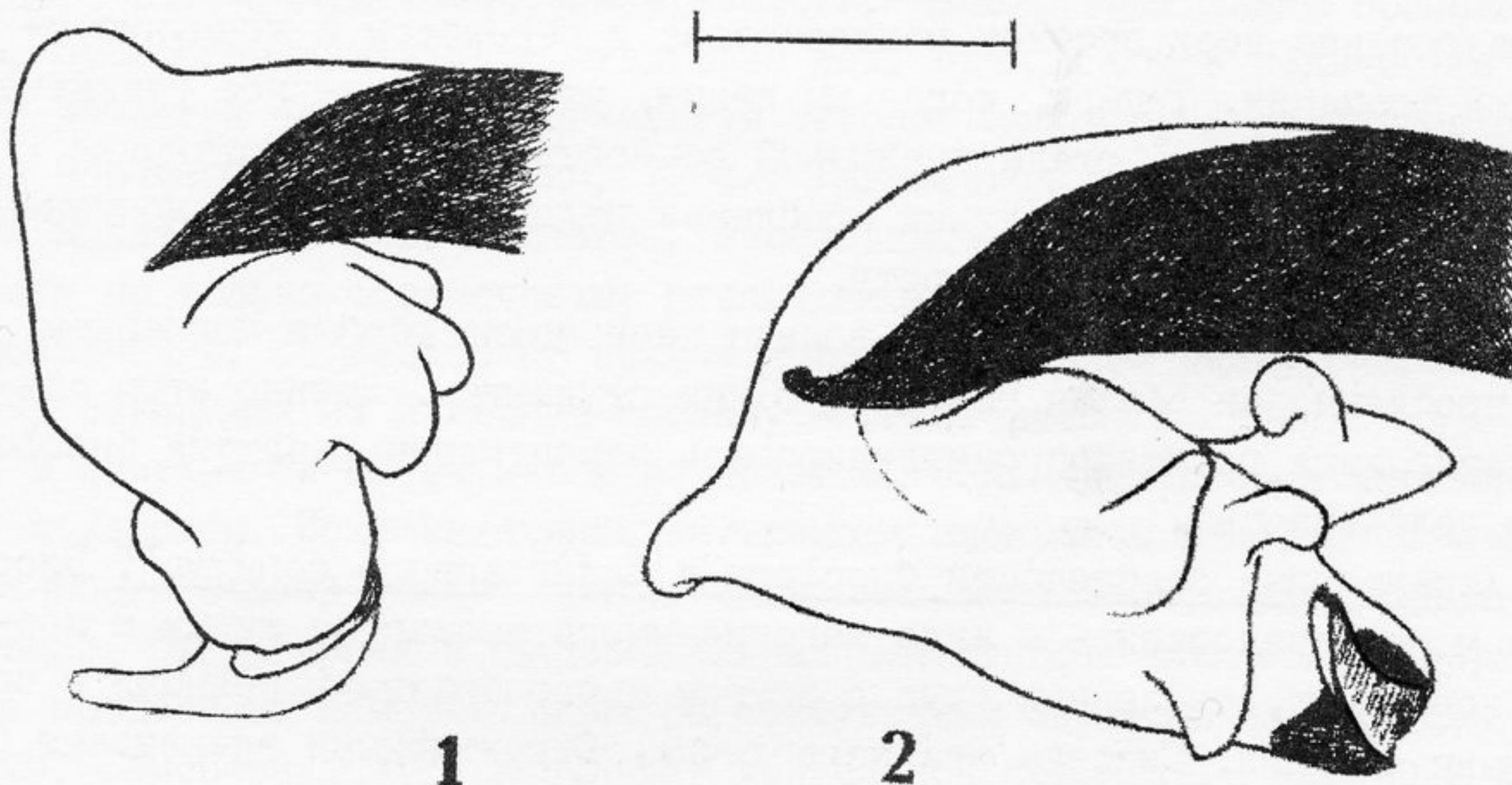


Fig. 1–2. The maximally inflated endophallus. Scale = 1 mm.

- 1—*Pterostichus (Chinapterus) balthasari* Jedlicka.
- 2—*Pterostichus (Kozyrevius) militaris* Tschitscherine.

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