

**Ergebnisse der zoologischen Forschungen
von Dr. Z. Kaszab in der Mongolei.
225. Endomychidae (Coleoptera)**

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Only two species of Endomychidae were taken by Dr. KASZAB in the Mongolian Republic, both referable to the subgenus *Gorgia* of *Lycoperdina*. Study of these Mongolian specimens has involved comparison with material from other areas and inclusion of notes on the several species of *Gorgia* seems appropriate.

***Lycoperdina (Gorgia) succincta* (LINNAEUS)**

Figs. 1-4.

Systema Nat. Ed. XII, p. 573 (1767), Silpha.

Comparison of Mongolian specimens with material from Germany, Austria, Bohemia and Yugoslavia has not revealed to me any consistent differences. The nuances in the figures of aedeagi are due to slight differences of pose under the camera lucida. While I have not seen the single types of *L. jakovlevi* SEMENOV from Barnaul, Siberia or *L. crassicornis* REITTER from the Transylvanian Alps, I believe the two names to be synonyms of *succincta*. *L. pallida* GEBLER, as conjectured by GERSTAECKER, was probably based on a teneral specimen of *succincta*. The names *fasciata* (FAB.), *disca* GERST. and *humeralis* SCHILSKY, listed as varietal, pertain more to coloration of cabinet specimens than to analyses of populations.

Mongolia: Central aimak: Ulan-Baator, Nucht im Bogdo ul, 1600-1700 m., 22. VII.-27. VIII. 1965 (Nr. 297a), 2 ♀; 11 km OSO von Somon Bajanzogt, 1600 m., 11. VI. 1966 (Nr. 520b), 1 ♂, 1 ♀; id., 13. VI. 1968 (Nr. 945), 1 ♀; id., 26. VII. 1968 (Nr. 1149), 1 ♀, Exped. Dr. Z. KASZAB.

***Lycoperdina (Gorgia) koltzei* REITTER**

Fig. 9.

Deutsche Ent. Zeitschr. 31, p. 508 (1887).

In maturity this insect is entirely shining black but material studied shows stages from pale yellow-brown to mature condition.

Lectotype male from Ussuri in Hungarian National Museum. This Museum also has material labelled "Siberien" and "Quellgebiet des Irkut". Transbaikal (author's coll.).

Mongolia: Central aimak: Ulan Baator, Nucht im Bogdo ul, 1500 m., 6. VII. (Nr. 271), 1 ♀; id., 1600 m., 22. VII–27. VIII. 1965 (Nr. 297b), 2 ♂, 2 ♀; Bogdo ul, Bugijn až achuj, 1650 m., 31. V. 1967 (Nr. 755), 1 ♂; Bulgan aimak: Namnan ul Gebirge, 25 km NW von Somon Chutag, 1150 m., 17. VI.–21. VII. 1968 (Nr. 976), 1 ♂, Exped. Dr. Z. KASZAB.

Lycoperdina (Golgia) ferruginea J. E. LECONTE

Fig. 8.

Ann. Lyceum Nat. His. New York I, p. 172 (1824).

Occurs over much of eastern 2/3 of United States N.A. Drawing was made from specimen from New Mexico; Massachusetts specimens and those from south-eastern U.S. appear identical. The closest affinities of *ferruginea* seem to be with *koltzei*. Type material is not definitely known.

Neotype male from "southern states" in J. L. LECONTE collection, Museum of Comparative Zoology, Harvard University.

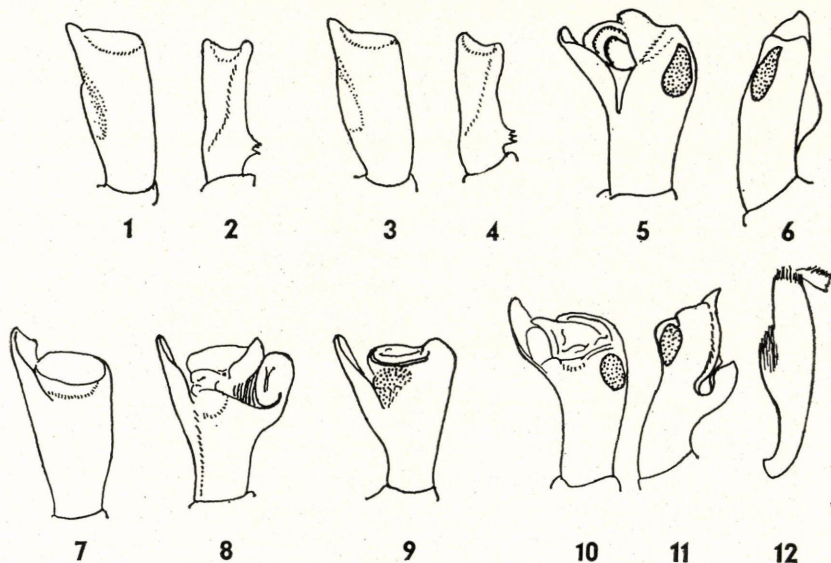


Fig. 1. *Lycoperdina (Golgia) succincta* (L.), Mongolia, aedeagus, dorsal view. — 2. *L. (Golgia) succincta* (L.), Mongolia, aedeagus, left side. — 3. *L. (Golgia) succincta* (L.), Moravia, aedeagus, dorsal view. — 4. *L. (Golgia) succincta* (L.), Moravia, aedeagus, left side. — 5. *L. (Golgia) dux* GORHAM, aedeagus of allotype, dorsal view. — 6. *L. (Golgia) dux* GORHAM, aedeagus of allotype, left side. — 7. *L. (Golgia) mandarinea* GERST., aedeagus, dorsal view. — 8. *L. (Golgia) ferruginea* LECONTE, aedeagus, dorsal view. — 9. *L. (Golgia) koltzei* REITTER, aedeagus, dorsal view. — 10–12. *L. (Golgia) castaneipennis* GORHAM: 10. aedeagus, dorsal view; 11. aedeagus, left side; 12. protibia of male.

Lycoperdina (Golgia) dux GORHAM

Figs. 5-6.

Ent. Month. Magazine IX, p. 205 (1873).

The type specimens and other material collected by G. LEWIS in Japan are all I have studied.

Lectotype female from Hiogo, Japan and allotype male labelled "Japan" in British Museum.

Lycoperdina (Golgia) castaneipennis GORHAM

Figs. 10-12.

Ent. Month. Magazine XI, p. 151 (1874).

Lectotype female from Kobi, Japan and other specimens collected by G. LEWIS in British Museum.

Lycoperdina (Golgia) mandarinea GERSTAECKER

Fig. 7.

Mon. Endomychiden, p. 212 (1858).

The aedeagus figured is that of a specimen from Hong Kong, the type locality. Recorded by FAIRMAIRE from Tonkin.

GERSTAECKER cited specimens in the Dohrn collection and a single type should be chosen from this material.

