

A First Record of *Spilopopillia sexguttata* (FAIRMAIRE) (Coleoptera, Scarabaeidae, Rutelinae) from Laos and Vietnam

Naoki KANEKO

Laboratory of Entomology, Tokyo University of Agriculture, 1737 Funako, Atsugi, Kanagawa, 243–0034 Japan

In the genus *Spilopopillia* (KRAATZ, 1892) (Rutelinae, Anomalini, Popilliina), four species have been known from the Oriental Region (FAIRMAIRE, 1887; KRAATZ, 1892 b; LIN, 1988; MIYAKE, 1989 a). Recently I had an opportunity to conduct a field survey in Laos, and examined specimens of the genus housed in Tokyo University of Agriculture, Atsugi, Kanagawa, Japan (TUA). As a result, I found one unrecorded species in Laos and Vietnam. Herein I report *S. sexguttata* (FAIRMAIRE, 1887) from the countries for the first time.

The examined specimens are preserved in the Laboratory of Entomology, TUA and the National Museum of Nature and Science, Tokyo. I thank Mr. Hiroyuki WAKAHARA, Mr. Kazuyuki OSHIMA, Mr. Yutaka TAMADERA, Dr. Hiroyuki YOSHITOMI, Dr. Yûta NAKASE, Mr. Hideaki SEKINE, Mr. Kôhei YASUDA, Mr. Katsumi AKITA and Mr. Takeshi YÔRÔ for their help in the field survey, and Dr. Shûhei NOMURA and Dr. Hiroaki KOJIMA for kindly offering material. I express my sincere gratitude to Dr. Tadashi ISHIKAWA for reviewing the draft.

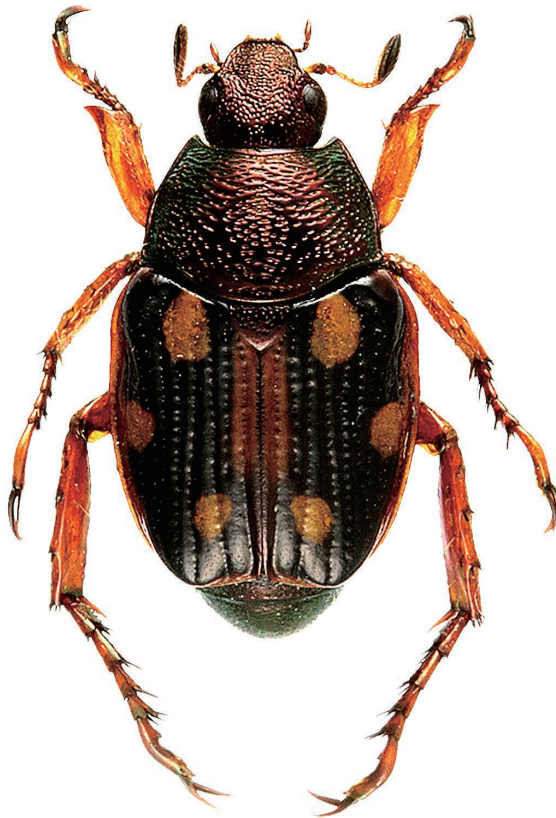


Fig. 1. Dorsal habitus of *Spilopopillia sexguttata* (FAIRMAIRE).

Spilopopillia sexguttata (FAIRMAIRE, 1887)

(Fig. 1)

Popillia sexguttata FAIRMAIRE, 1887: 115 (type locality: Yunnan).*Spilopopillia sexguttata*: KRAATZ, 1892 a: 180.

Specimens examined. [Laos] 2 exs., Phou Sam Soum, Xieng Khouang Prov., 8.V.2010, H. KOJIMA; 4 exs., Ban Paksa, Xieng Khouang Prov., 7.V.2010, H. KOJIMA; 32 exs., Phou Sam Soum, Xieng Khouang Prov., 23.IV.2018, N. KANEKO; 8 exs., Phou Sam Soum, Xieng Khouang Prov., 25.IV.2018, N. KANEKO; 26 exs., Phou Sam Soum, Xieng Khouang Prov., 27.IV.2018, N. KANEKO. [Vietnam] 1 ex., Sapa (= Chapa), 27.V.1992, native collector. [Thailand] 3 exs., Doi Suthep, 24.V.1978, K. AKIYAMA; 1 ex., Mt. Doi Pui, 1,400–1,500 m, Chiang Mai, 1.V.1982, T. SHIMOMURA; 1 ex., Mt. Doi Pui, Chiang Mai, 20.V.1985, S. OHMOMO; 2 exs., Inthanon [sic!; = Doi Inthanon], 27.IV.1985, M. TAO. [China] 1 ex., Yunnan, V.1980, native collector.

Distribution. China (Sichuan and Yunnan) (FAIRMAIRE, 1887; LIN, 1992), India (Assam, Sikkim, and West Bengal) (OHAUS, 1908; ARROW, 1917) and Thailand (MIYAKE, 1989 b); Laos and Vietnam — new records.

Notes. The distributional record of *Spilopopillia sexguttata* from Thailand was reported by MIYAKE (1989 b), but in the course of this study I found that MIYAKE (1989 a) had made a misidentification for a species of this genus, confusing one known species with the other unknown species. In order to check the accuracy of the species identification by MIYAKE (1989 b), therefore, I examined the taxonomic voucher of MIYAKE (1989 b), together with other specimens from Thailand and China (Yunnan). With the result that the specimen he reported from Thailand undoubtedly belonged to the species *Spilopopillia sexguttata*.

References

- ARROW, G. J., 1917. The Fauna of British India, Including Ceylon and Burma. Coleoptera Lamellicornia, Part II (Rutelinae, Desmonycinae, and Euchirinae). 387 pp. Taylor and Francis, London.
- FAIRMAIRE, L., 1887. Coléoptères de l'intérieur de la Chine. *Annales de la Société entomologique de Belgique, Bruxelles*, **31**: 87–136.
- KRAATZ, G., 1892 a. Monographische Revision der Ruteliden—Gattung *Popillia* SERVILLE. *Deutsche Entomologische Zeitschrift, Dresden*, **1**: 177–192.
- KRAATZ, G., 1892 b. Monographische Revision der Ruteliden—Gattung *Popillia* SERVILLE. *Deutsche Entomologische Zeitschrift, Dresden*, **2**: 225–306.
- LIN, P., 1988. Coleoptera: Rutelidae. Pp. 249–265. In HUANG, F.-S., P.-Y. WANG, W.-Y. YIN, P.-Y. YU, T.-S. LEE, C.-K. YANG & X.-J. WANG (eds.), *Insects of Mt. Namjagharwa Region of Xizang*. 621 pp. Science Press, Beijing.
- LIN, P., 1992. Coleoptera: Rutelidae. Pp. 503–524. In CHEN, S. (ed), *Insects of the Hengduan Mountains Region*. 865 pp. Science Press, Beijing.
- MIYAKE, Y., 1989 a. New or little known scarabaeid beetles from southeast Asia. *Kanagawa—chūhō, Odawara*, (90): 177–186.
- MIYAKE, Y., 1989 b. New or little-known scarabaeid beetles from southeastern Asia. *Lamellicornia, Tokyo*, (5): 37–45.
- OHAUS, F., 1908. Beiträge zur Kenntnis der Ruteliden. *Annales de la Société entomologique de Belgique, Bruxelles*, **52**: 197–204.

Manuscript accepted 2 October 2019;
revised and accepted 28 February 2020.