

Description of a New Species Allied to *Chlorophorus boninensis*  
KANO from the Bonin Islands (*Cerambycidae*)

By Jiro KOMIYA

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*Chlorophorus kobayashii*, sp. nov. (Fig. 1, 2) (Plate 5 Fig. 2~2b)

(Japanese name: Ogasawara-kiiro-tora-kamikiri)

*Chlorophorus boninensis*: GRESSITT (nec. KANO), 1956, Ins. Micro., 17(2): 106.

*Chlorophorus boninensis* f. *yayeyamaformis* KUSAMA, 1973, Reports of Faculty of Science, SHIZUOKA Univ., 8:125.

*Chlorophorus yayeyamensis*: KOJIMA et al. (nec. KANO), 1965, Research Reports KOCHI Univ., 14, Nat. Sci. II (9): 85 (Ogasawara).: KOJIMA, NAKAMURA et HAYASHI (nec. KANO), 1971, Gensei, 22:13.

This new species is so closely similar to *C. yayeyamensis* (Plate 5 Fig. 1~1b) and *C. boninensis* (Plate 5 Fig. 3~3b) that it has always been confused with either of the latter two species. Dr. KUSAMA (1973) recognized it as an independent form and described *C. boninensis* f. *yayeyamaformis* adding that whether it is independent species or not will be decided by further morphological and ecological investigations. Mr. KOBAYASHI made a contribution to the taxonomy of this species in bringing a good series of specimens of it as well as *boninensis* from the Bonin Islands. Furthermore he suggested to the author that this species and *boninensis* are somewhat different from each other ecologically although he can hardly explain the difference systematically. After careful morphological investigation, especially of male genitalic features, it was confirmed that this species is different from any other species previously described.

Specific characters: Length of body: 8.5—12.5mm. Width of elytra: 2.3—3.1mm.

Body black, clothed with ochraceous-yellow pubescence and partly with pale yellow and black pubescence. Head black, thinly clothed with pale yellow pubescence. Prothorax black, densely and

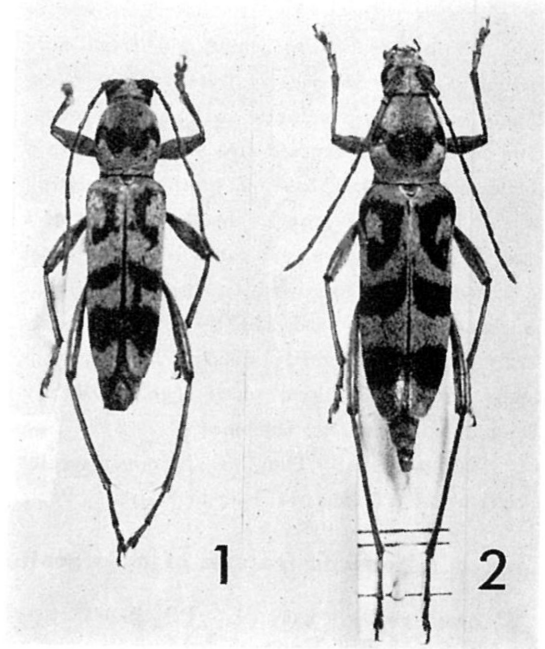


Fig. 1 *Chlorophorus kobayashii* sp. nov., ♂, holotype.  
Fig. 2 ditto. ♀, paratype.

evenly clothed with ochraceous-yellow pubescence, with black markings which consisting of two spots at center and a smaller spot at each side slightly anterior to the central spots; every spots somewhat fused together forming a sinuate transverse band. Scutellum black, densely clothed with ochraceous-yellow pubescence. Elytron black, densely covered with ochraceous-yellow pubescence

Acknowledgement

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摘 要

(1) 新種 *Chlorophorus kobayashii*

(和名オガサワラキイロトラカミキリ) の記載  
この種は従来オガサワラトラカミキリまたはヤエヤマトラカミキリと混同されていたもので、1973年、草間博士により *C. boninensis* f. *yayeyamaformis* と命名されたが、検討の結果未記載の種であることが判明した。♂の性生殖器が非常に発達しており他の2種とは一見して区別できるほか、外見でもオガサワラトラとは上翅の黒紋が小さいことで、ヤエヤマトラとは触角および前胸背が細いことで容易に区別できる。

産地は小笠原群島父島、母島、東島。

(2) ♂性生殖器の形態による3種の検索表

- 1 (2) 陰茎、側片葉は肥大し強く硬化する。側片葉は先の肥大したさじ状。……………*kobayashii*  
2 (1) 陰茎、側片葉共に小さく、全体に硬化が弱く、側片葉は細長い……………3  
3 (4) 陰茎は両側がほぼ平行の引延ばされた砲弾形。側片葉は特に小さく硬化が弱い……………*boninensis*  
4 (3) 陰茎は両側がやや円みをおびた舌状。側片葉は陰茎より硬化がつよい……………*yayeyamensis*

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