

A new species of the genus *Eophileurus* Arrow, 1908
(Coleoptera, Scarabaeidae, Dynastinae) from Vietnam

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ベトナム産コカブトムシ属 (*Eophileurus*) の1新種

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Abstract: A new species of the genus *Eophileurus* is described from Vietnam under the name of *E. ryuheii* sp. nov. This new species is distinct by the shape of male parameres.

Key words: Coleoptera, Scarabaeoidea, Scarabaeidae, Dynastinae, Phileurini, *Eophileurus*, new species, Vietnam.

Through the study on the genus *Eophileurus*, I found an undescribed species from Vietnam. It may resemble *E. thailandicus* Endrödi, 1978 which was described from Chiangmai, northern Thailand, but the shape of male parameres is different.

Before going further, I would like to thank to Messrs. Masayuki Fujioka, Nobuhiko Katsura and Shinya Kawai of Tokyo, Shigeto Yamaya of Niigata and Kazuo Iwase of Ratchaburi, Thailand for their various help.

Eophileurus ryuheii Muramoto, sp. nov.

(Figs. 1-3)

Rather flattened, elongate and parallel-sided in the genus; black with elytra and legs slightly brownish.

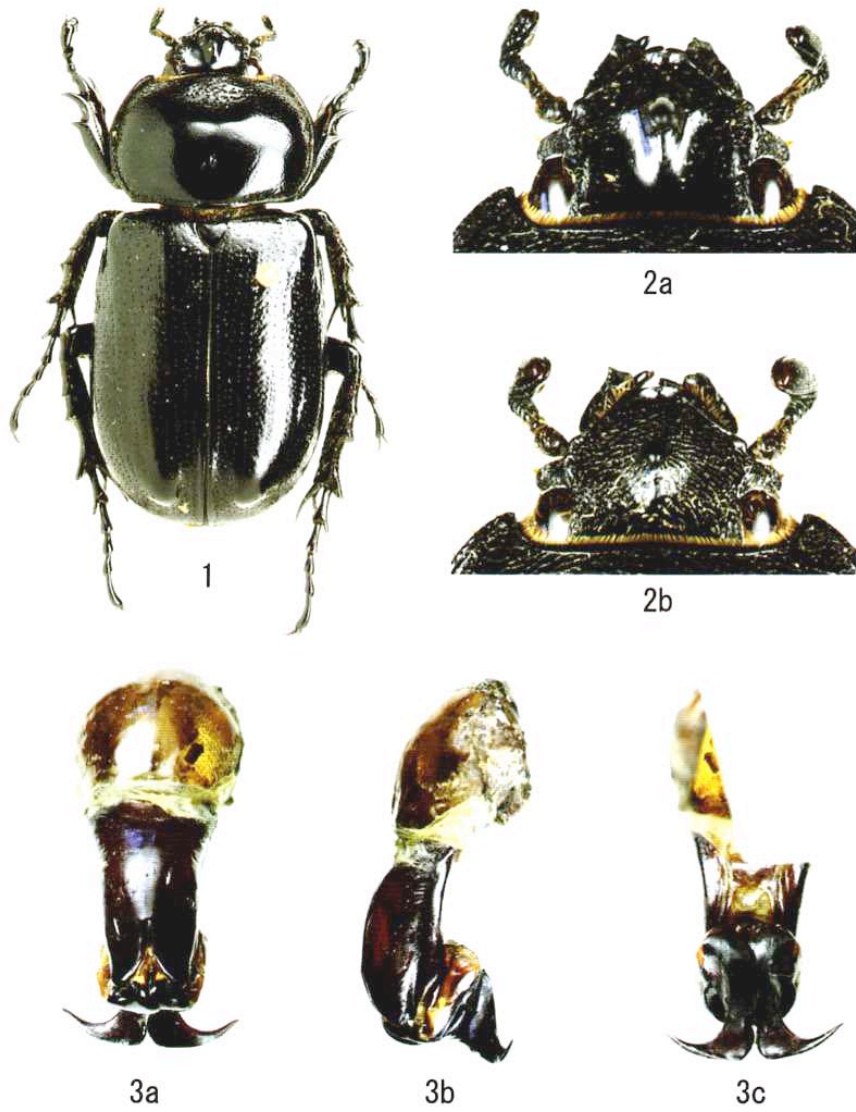
Male: Clypeus trapezoidal, strongly convergent anteriorly, finely and rather sparsely punctate; marginal ridges sharp, ridge of lateral margins obtusely raised near bases, anterior one more obtusely raised in the middle; horn rather long, somewhat longer than clypeal length, gradually narrowed from base to apex in frontal view, finely and densely punctate on anterior surface; clypeo-frontal suture absent; frons widely concave and smooth behind horn, sparsely and shallowly aciculate on both sides of horn, with some punctures along eyes; eye canthus rugose.

Pronotum broad, 1.5 times as wide as long, widest before the middle, lateral margin uniformly arcuate, anterior angles acute and distinctly produced, posterior one obtusely angulate, slightly produced laterad, basal and lateral margins distinctly marginate, anterior one almost marginate but interrupted in the middle, anterior concavity transverse, shallow, not sharply defined, less than 1/2 as long as length of pronotum, lacking any swelling along margin; median groove fine; surface transversely aciculate anteriorly including in concavity, impunctate on both sides of median groove, finely and rather sparsely punctate posteriorly, punctures somewhat become coarser on sides.

Scutellum almost smooth with several punctures in the middle of base.

Elytra nearly parallel-sided, 1.35 times as wide as long, widest near the middle, not striated, not costate, sparsely covered with minute punctures and with rows of small ocular punctures, humeral and apical calli distinct; interval II and IV broader than first, third and fifth intervals, with two to three irregular rows of punctures.

Rieko Muramoto



Figs. 1-3. *Eophileurus ryuhei* sp. nov. 1. dorsal view, ♂; 2a. head, ♂; 2b. head, ♀; 3a-c. parameres, a. dorsal view, b. lateral view, c. ventral view.

Pygidium broad and not strongly convex, base concealed by elytra; surface transversely strigose near base, sparsely punctate in the middle, somewhat rugosely and concentrically so on sides.

Prothorax densely clothed with reddish long setae on sides, alutaceous in the middle, process triangular in caudal view; mesosternum densely aciculate-punctate anteriorly, sparsely punctate posteriorly, punctures bearing fine setae; metasternum sparsely and finely punctate, rather densely aciculate-punctate on sides, punctures on sides accompanied with fine setae, median groove fine; each abdominal sternite aciculate-punctate anteriorly, almost impunctate posteriorly, almost punctures on sides bearing fine setae.

Protibia tridentate, protarsomeres broadened, inner claw large and flattened, with apex cleft; metatibia with terminal spines ventrad, 14 spines in the right legs, 13 in the left, they are not so minute.

Parameres acutely bent downwards in the middle, and prolonging a sharp flugel-like process outwards there, so that apical half of parameres faced ventrad, flat.

Female: Head strigose throughout, horn short, frontal hollow small and very shallow; pronotum strigose anteriorly, more coarsely punctate than in male, anterior margination scarcely interrupted, concavity almost indistinct; protarsomeres not broadened, inner claw simple; metatibia with 14 terminal spines in both legs.

Length: ♂: 23.5 mm, width: 9.5 (pronotum), 11.0 (elytra) mm; ♀: 22.0 mm, width, 8.5 (pronotum), 10.0 (elytra) mm.

Type series. Holotype: ♂, A Luoi, Tua Tien-Hue, Vietnam, 2009, VII. Allotype, ♀, the same data as for the holotype. The holotype will be preserved in the National Museum of Nature and Science, Tokyo.

要 約

中部ベトナムからえられたコカブトムシの1新種を, *Eophileurus ryuhei* sp. nov.として記載した. やや平たい体格をもち, 前胸背のくぼみは浅く幅広い, 上翅の点刻は微細な点刻は疎, 列をなす点刻は眼状で同属の他種と比較して大きくない, 雄交尾器の形態により区別は容易である. 常日頃お世話になっている千葉龍平氏に献名した.