





<https://doi.org/10.70590/ice.2024.01.15>
<http://zoobank.org/urn:lsid:zoobank.org:pub:FD0CE714-5D48-41C0-8C8E-3B6ED3112C34>

● A new species of the genus *Falcicornis* Motschulsky (Coleoptera: Lucanidae) from Vietnam

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Abstract: A new species of the genus *Falcicornis* Planet, 1894 (Coleoptera: Lucanidae: Lucaninae), *F. wangjini* sp. nov., is described and illustrated from North Vietnam. Colour plates are presented to illustrate its diagnostic characters.

Keywords: Lucaninae, Dorcini, morphology, Oriental Realm, stag beetle, taxonomy

● 越南小刀锹属一新种（鞘翅目：锹甲科）

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摘要: 本文描绘了产自越南北部的小刀锹属（鞘翅目：锹甲科：锹甲亚科）一新种——王锦小刀锹 *Falcicornis wangjini* sp. nov.，并提供了彩色图版以说明其鉴别特征。

关键词: 锹甲亚科，刀锹族，形态，东洋区，锹甲，分类

Citation: Wang C-B & He T-L 2024: A new species of the genus *Falcicornis* Motschulsky (Coleoptera: Lucanidae) from Vietnam. *The Indochina Entomologist*, 1 (15): 121–128. [王成斌 & 贺天龙 2024: 越南小刀锹属一新种（鞘翅目：锹甲科）。中南海岛昆虫学家, 1 (15): 121–128.]
<https://doi.org/10.70590/ice.2024.01.15>

Accepted by Jiang ZHU: 29.XI.2024; published online: 29.XI.2024

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FIGURE 4. Aedeagus of *Fallicornis wangjini* **sp. nov.**: **A** ventral view **B** dorsal view **C** lateral view.

Male genitalia. Abdominal tergite VIII (Fig. 3A) subhexagonal, with wide longitudinal membranous area along midline; sternite VIII (Fig. 3B) transverse, with transverse membranous areas at middle of both anterior and posterior parts, round at posterior margin. Abdominal tergite IX (Fig. 3C) with transverse membranous areas at posterior part, round at posterior margin, and with lateral extensions relatively slender (Fig. 3D); pleurite IX (Fig. 3C) separated dorsally; sternite IX (Fig. 3E) without membranous stripe. Aedeagus (Fig. 4A) in ventral view about 2.7 times as long as wide; basal piece (Figs 4A, C) distinctly constricted in anterior part, about 1.7 times as long as parameres, with paired sclerotized broad dorsal plates (Fig. 4C); ventral caudal plate (Fig. 4A) excavated at apex; paramere without basal process (Figs 4A, C), narrowed and weakly upturned at apex (Fig. 4B); median lobe (Fig. 4A) slender and biarcuate, about 5/6 length of parameres; flagellum (Figs 4A–C) short, trifurcate, about 2.8 times as long as parameres, apex of middle furcation weakly enlarged.

Male paratypes. All moderate-sized males (Figs 2D–F), body 25.2–28.8 mm long. Length of particular parts (mm, n=2): head (3.9), mandible (8.2), pronotum (4.6), elytra (12.1); width (mm): head (7.6), pronotum (8.6), elytra (8.0). All male types without evident variations.

Differential diagnosis. This new species is distinguishable from its congeneric species by the combination of the following characters: 1) color entirely brownish black; 2) clypeolabrum 1/3 width of head, widely and deeply emarginate at apical margin; 3) unique structures on mandible, apex feebly bifurcate, one single inner tooth present at basal 1/4, basal tooth small and slightly bifurcate; 4) mentum tomentose; 5) ventral caudal plate of aedeagus excavated at apex; 6) median lobe slender and biarcuate.

Distribution. Vietnam.

Remarks. The holotype and two paratypes were collected from Tỉnh Yên Bái, locating in the southern section of the Huanglian Mountain Range. Another two paratypes were collected from Tỉnh Hà Giang, bordering with Wenshan Prefecture, Yunnan Province of China. Therefore, it can be predicted that the new species is also likely to be distributed in China.

Acknowledgements

We appreciate two exceptional taxonomists, a master and an apprentice, Zhi-Hao Qi [齐志浩] and Hai-Tian Song [宋海天] (both Fujian Academy of Forestry), who rekindling our enthusiasm for Lucanidae and Buprestidae. We would like to express our sincere gratitude to Chang-Chin Chen [陈常卿] (Tianjin, China), Georgi A. Geshev (Imperial College London, United Kingdom), Li He [何力], Jin Wang [王锦], Zi-Dan Xu [许子聃] and Chao Zhou [周超] (all Chengdu, China), Zhuo-Heng Jiang [蒋卓衡] (Westlake University, Hangzhou, China), Jian-Yue Qiu [邱见玥], Lu Qiu [邱鹭] and Hao Xu [许浩] (all Mianyang Normal University, Mianyang, China), Ping Wang [王平] and Guang-Lin Xie [谢广林] (both Yangtze University, Jingzhou, China), Mao Ye [叶茂] (Xiangyang, China), and Bi-Sheng Zhan [詹毕晟] (Zhenjiang, China) for their considerable help in this study. We thank two anonymous reviewers for their constructive comments on earlier versions of the manuscript.

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Additional information

Author contributions: Conceptualization: C-B Wang & T-L He. Project administration: T-L He. Resources: T-L He. Supervision: T-L He. Visualization: C-B Wang. Writing—original draft: C-B Wang. Writing—review and editing: C-B Wang & T-L He.

Conflict of interest: The authors have declared that no competing interests exist.

Data availability: All of the data that support the findings of this study are available in the main text.

Ethical statement: No ethical statement was reported.

Funding: This study was self-funded by the authors.

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