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**Lucanus ludivinae, a newly recorded stag beetle from
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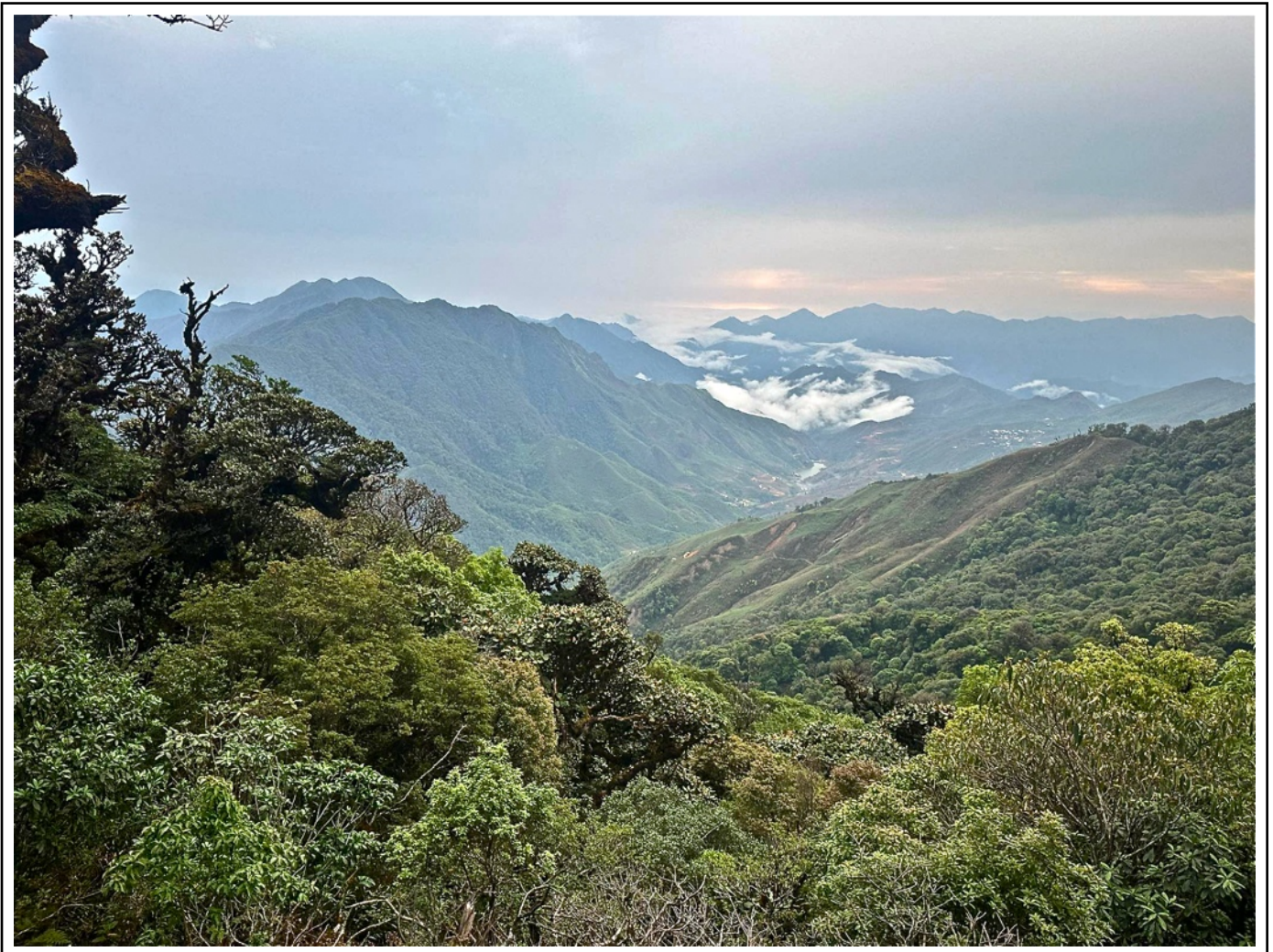
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Lucanus ludivinae, a newly recorded stag beetle from Vietnam, with a description of a new subspecies (Coleoptera: Lucanidae: Lucaninae)

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Keywords:

Coleoptera; taxonomy;
Lucanidae; description;
stag beetle; new subspecies;
Lucanus; newly record species;
ludivinae; Vietnam.
flavipes;

Abstract. – In this study, we describe a new subspecies of *Lucanus ludivinae* Boucher, 1998 from Indochina, i.e., *Lucanus ludivinae flavipes* Xin, He, Zhong & Qi, **ssp. nov.** We also provide a checklist of *Lucanus* species and subspecies from Vietnam.

Fei-Yi Xin, Hao He, Xiao-Tian Zhong, Yi-Feng Zhang & Zhi-Hao Qi, 2024. – *Lucanus ludivinae*, a newly recorded stag beetle from Vietnam, with a description of a new subspecies (Coleoptera: Lucanidae: Lucaninae). *Faunitaxys*, 12(39): 1 – 7.

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Introduction

Lucanus Scopoli, 1763 is the type genus of the family Lucanidae Latreille, 1804, most species are distributed in the Eurasia, and a few species are recorded in North America (Fujita, 2010; Yi, 2023).

L. ludivinae Boucher, 1998 belongs to *L. boileaui* group which includes only three species (*L. jiaozishamus* Qi, He, Su & Song, 2023, *L. boileaui* Planet, 1897 and *L. ludivinae* Boucher, 1998) and distributed only in Gaoligong mountain range from China and Myanmar (Planet, 1897; Boucher, 1998; Qi *et al.*, 2023).

In this study, we examined some specimens of *L. ludivinae* from Vietnam (Yên Bái Province) and compared them with the specimens from Gaoligong mountain range in China. Based on our morphological comparison, we treat the Vietnamese *L. ludivinae* as a new subspecies, i.e., *L. ludivinae flavipes* **ssp. nov.** This species is also newly record in Vietnam.

Material and methods

The overall photos of the specimens in this study were taken using the Canon® 5D Mark IV digital camera paired with the Laowa FF 100 mm F2.8 CA-Dreamer Macro 2X macro lens. The depth of field overlay was taken with the WeMacro automatic focus stacking

rail, and the supplementary light was completed by the self-made circular supplementary light with the Mioron2835 24V high color LED strip. The depth of field overlay of the image was completed using HeliconFocus 8.0.4 Pro, and the post-processing optimization of the image was done using Adobe Lightroom. The Datacolor Spyder Checkr Photo was used for color correction. The specimen's reproductive organs and other detailed features were captured using a Keyence VHX-5000 digital microscope, paired with a Keyence VH-Z20R zoom lens (20–200×) and a built-in light source. Image cropping, splicing, and other operations are completed by Adobe Photoshop 2023.

The morphological terminology follows Huang & Chen (2010, 2013, 2017).

Abbreviations for collections in this study are:

CHH personal collection of Hao He, Qijing, China;

CXTZ personal collection of Xiao-Tian Zhong, Chengdu, China;

IZCAS Institute of Zoology, Chinese Academy of Sciences, Beijing, China.

Measurement criteria in millimeters (mm) are as follows:

Body length: length between the apex of the mandible to the elytral apex along the midline;

Elytral length: length between the basal border and the apex of the elytra along the suture;

Elytral width: the widest part of the elytra;

Head length: length between the tip of the clypeus and the posterior margin of the occiput along the midline;

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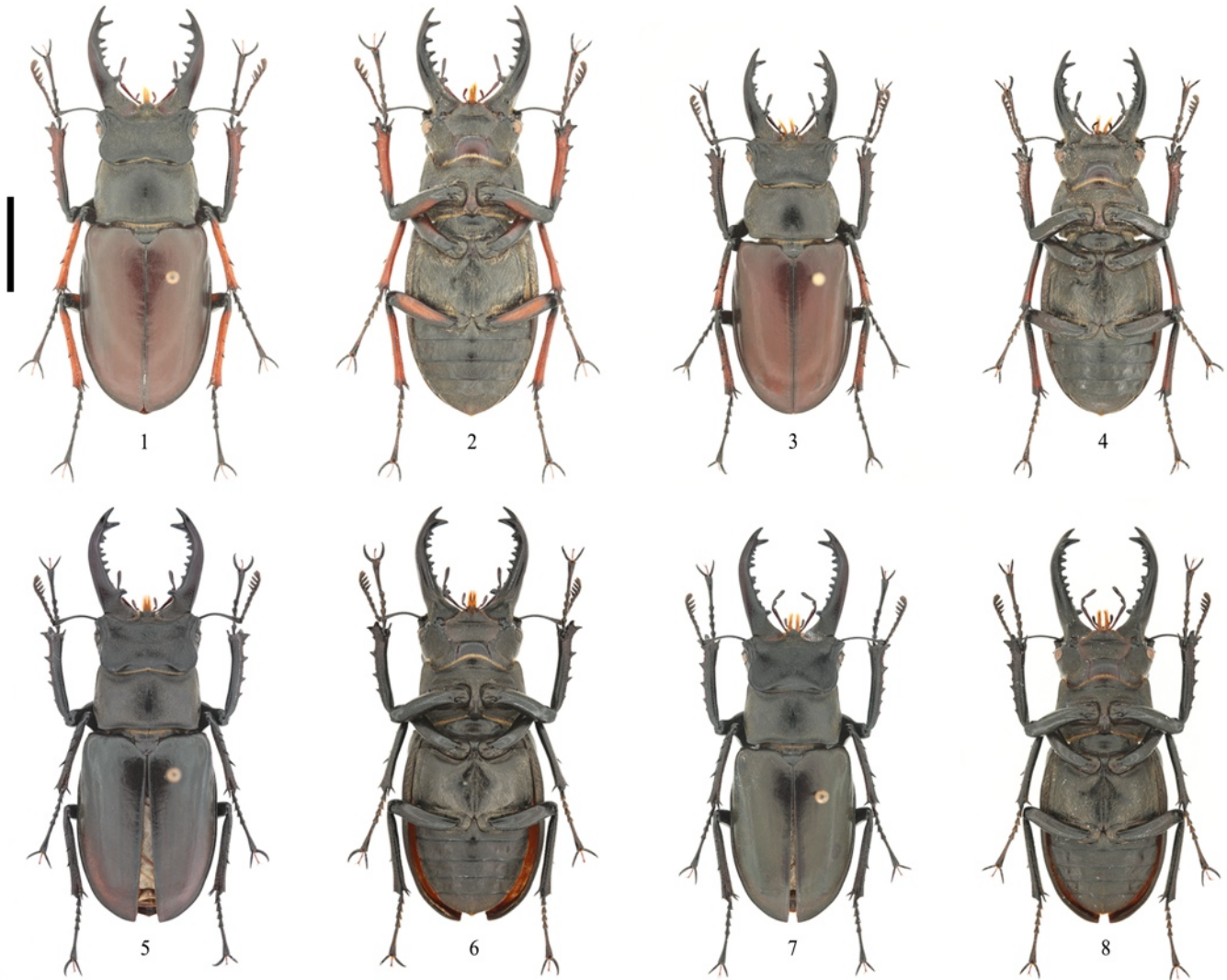


Fig. 1-8. Male habitus of *Lucanus ludivinae* subspecies (Scale = 10 mm).

1-4. *L. ludivinae flavipes* Xin, He, Zhong & Qi, ssp. nov. 1-2. Holotype, large sized (41.6 mm). 3-4. Paratype, medium sized (37.6 mm). 5-8. *L. ludivinae ludivinae* Boucher, 1998. 5-6. Large sized (42.5 mm). 7-8. Large sized (40.8 mm). 1, 3, 5, 7. Dorsal view. 2, 4, 6, 8. Ventral view.

Head width: the widest part of the head;

Mandible length: length from the apex of the mandible to its base at the anterior margin of the head;

Pronotal length: length of the pronotum along the midline;

Pronotal width: the widest part of the pronotum.

Results

Genus *Lucanus* Scopoli, 1763

Lucanus ludivinae Boucher, 1998

Lucanus ludivinae Boucher, 1998: 178.

Lucanus ludivinae flavipes Xin, He, Zhong & Qi, ssp. nov.

(Fig. 1-4, 9-4, 21, 23-30, 39-40, 43-44, 47-48, 51-52)

ZooBank: <https://zoobank.org/E1CA8012-C8E9-4486-84A6-F9F57ACCEDBF>

Holotype, ♂ (IZCAS: IOZ (E) 211506), Vietnam, Yên Bái Province, Huyện Trạm Tàu City, phú lương Mountain, 21°35'24"N, 104°17'55"E, 2300-2440 m, 6.V.2024, local collector leg.

Paratype, 1 ♂ (CHH), same data as holotype but 19.V.2024.

Diagnosis. – The new subspecies is similar to the nominotypical subspecies in general appearance, but the following set of characters will help to recognize *L. ludivinae flavipes* Xin, He, Zhong & Qi, ssp. nov. precisely from the nominotypical subspecies:

1) all tibiae with reddish-brown stripes, rather than all tibiae almost black (Fig. 12-14, 18-20);

2) elytra clearly maroon and without visible pubescence, rather than black to brown and with visible short pubescence (Fig. 21-22);

3) each mandible usually with 3-5 ($n=2$) inner teeth, instead of usually with 7-9 ($n=7$) inner teeth (Fig. 9, 15);

4) the ventral vestiture on the new subspecies more abundant than nominotypical subspecies (Fig. 2, 4, 6, 8).

Description of the holotype (Fig. 1-2)

Dimensions.

– Body length (41.6 mm).

– Length of particular body parts (mm)

head (6.5)

mandible (11.1)

pronotum (6.6)

elytra (19.3).

– Width (mm)

head (10.5)

pronotum (10.8)

elytra (13.7).

Habitus (Fig. 1-2). – Head, pronotum, scutellum and ventral side blackish; mandibles and elytra maroon; protibia in dorsal view with a hint of brown and in ventral view reddish-brown, mesotibia and metatibia reddish-brown; all femora black with more or less reddish-brown stripe. Whole body with a certain luster; basal mandible, head and pronotum covered with yellow pubescence; elytra nearly smooth; ventral surface of body with long and dense yellow pubescence, pubescence on thorax and head obviously longer than abdomen but less dense.

Head. – Transverse. Anterior ridge raised at lateral sides and not obviously raised at middle. Lateral ridges narrowed inwards in the front half and strongly extended in posterior half, forming prominent rounded angles at lateral posterior corners. Canthus (Fig. 11) robust, dividing about 1/3 of the eye. Clypeolabrum (Fig. 10) subpentagonal, fused with frons, indistinct defined by a transverse suture; proximal sharp forward, with a noticeable protrusion on the middle of surface. Mandible (Fig. 9) about 1.7 times longer than head, more incurved behind the apex, apical fork with upper tooth significantly longer than lower one; major inner tooth (basal tooth) brawny and short, placed at on basal third of the mandible, with truncate apex; major inner tooth preceded by 4 independent smaller teeth. Antennal club with 4 antennomeres; antennomere 7 slender and sharply pointed apically; antennomeres 8-10 lamellate.

Pronotum. – Transverse, 1.6 times wider than long, widest at basal third. Anterior margin slightly extending to the front at midline; anterior angle sharp and directed forwards. Lateral margins protrudent outwards slightly. Posterior margin weakly bisinuate, posterior angles sharp.

Scutellum. – Subtriangular, punctate, 1.5 times wider than long.

Legs. – Protibia (Fig. 12) with 4 blunt protuberances along outer margin, 1 spur at apex; apex bifurcate with branches sharp at tip. Mesotibia (Fig. 13)

with 3 oblique spines ever-larger from base to apex along outer margin besides terminal spines, 2 spurs at apex. Metatibia (Fig. 14) with 3 small oblique spines that ever-larger from base to apex along outer margin besides terminal spines, with 2 spurs at the apex.

Elytra. – Elongate, 1.4 times longer than wide, the anterior margin of elytra wider than pronotum. Elytral surface without visible pubescence.

Abdomen and aedeagus. – Abdominal tergite 8 (Fig. 23) with poorly defined lateral angles, a crack from the base along the midline to half of tergite. Abdominal ventrite 8 (Fig. 24) with a transverse indistinct membranous area in the middle of base, posterior margin thickening of sclerotization and weakly protruded at middle. Ventral plate of the abdominal segment 9 (Fig. 26) with a distinct membranous stripe, moderately widened behind apex and constricted towards the base. Aedeagus (Fig. 39, 43, 47, 51) in dorsal view about 2.0 times longer than wide. Basal piece elongated, nearly 1.7 times longer than parameres in dorsal view, without pair of sclerotized dorsal plates; ventral plate at apical end of basal piece membranous. Paramere with small basal process, apex of paramere upcurved. Penis slightly shorter and wider than paramere in ventral view. Flagellum rather long, about 2.4 times longer than aedeagus, apex of the flagellum not enlarged.



Fig. 9-22. Detailed habitus of *Lucanus ludivinae* subspecies (Scale = 1 mm).

9-14, 21. *L. ludivinae flavipes* Xin, He, Zhong & Qi, ssp. nov. 15-20, 22. *L. ludivinae ludivinae* Boucher, 1998. 9, 15. Mandible. 10, 16. Clypeolabrum. 11, 17. Canthus. 12, 18. Protibia. 13, 19. Mesotibia. 14, 20. Metatibia. 21-22. Elytral surface.

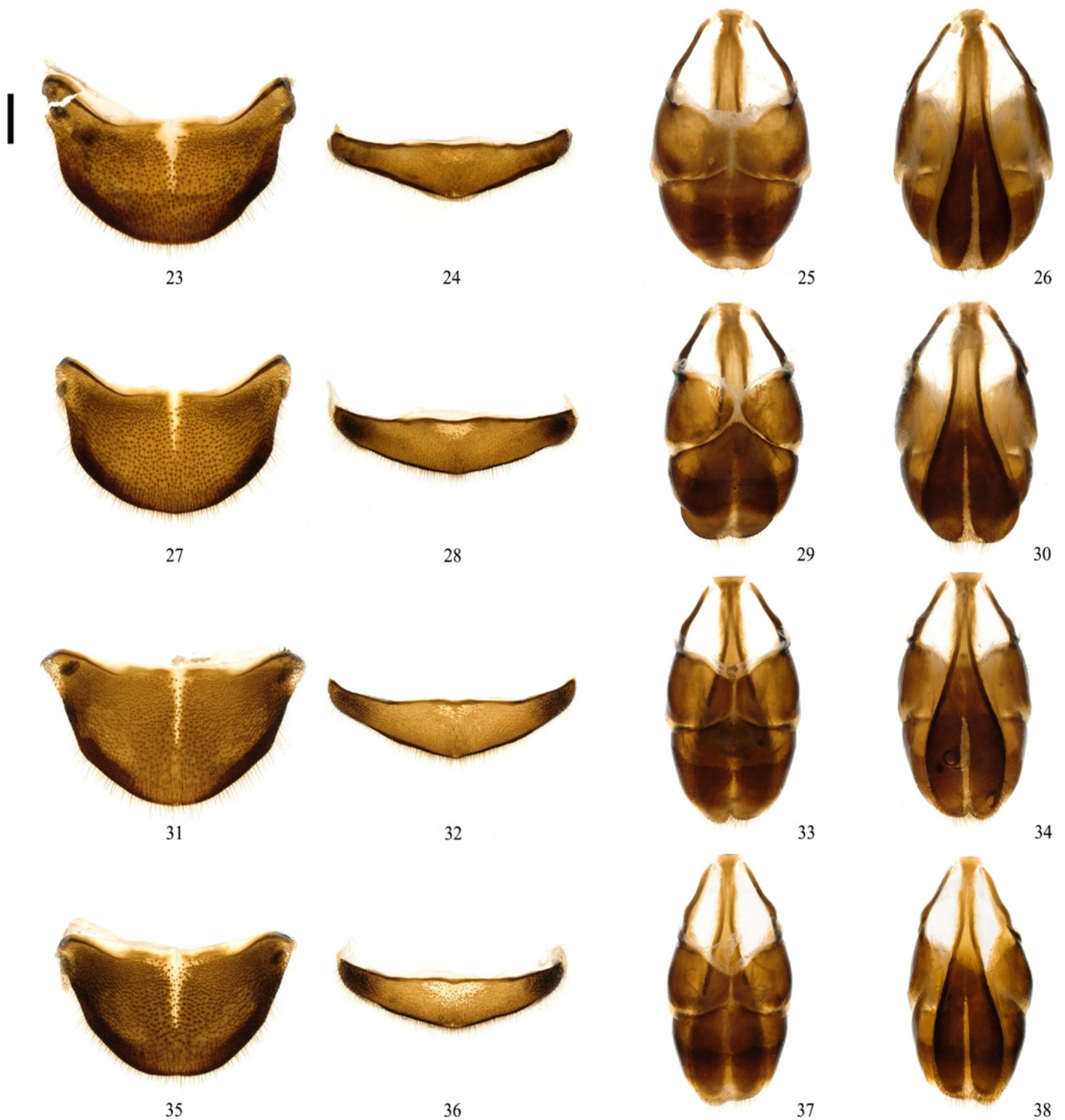


Fig. 23-38. Male abdominal tergite VIII (23, 27, 31, 35), abdominal ventrite VIII (24, 28, 32, 36) and abdominal segment IX (25-26, 29-30, 33-34, 37-38) of *Lucanus ludivinae* subspecies (Scale = 1 mm).

23-30. *L. ludivinae flavipes* Xin, He, Zhong & Qi, ssp. nov. 23-26. Holotype. 27-30. Paratype. 31-38. *L. ludivinae ludivinae* Boucher, 1998. 23, 25, 27, 29, 31, 33, 35, 37. Dorsal view. 24, 26, 28, 30, 32, 34, 36, 38. Ventral view.

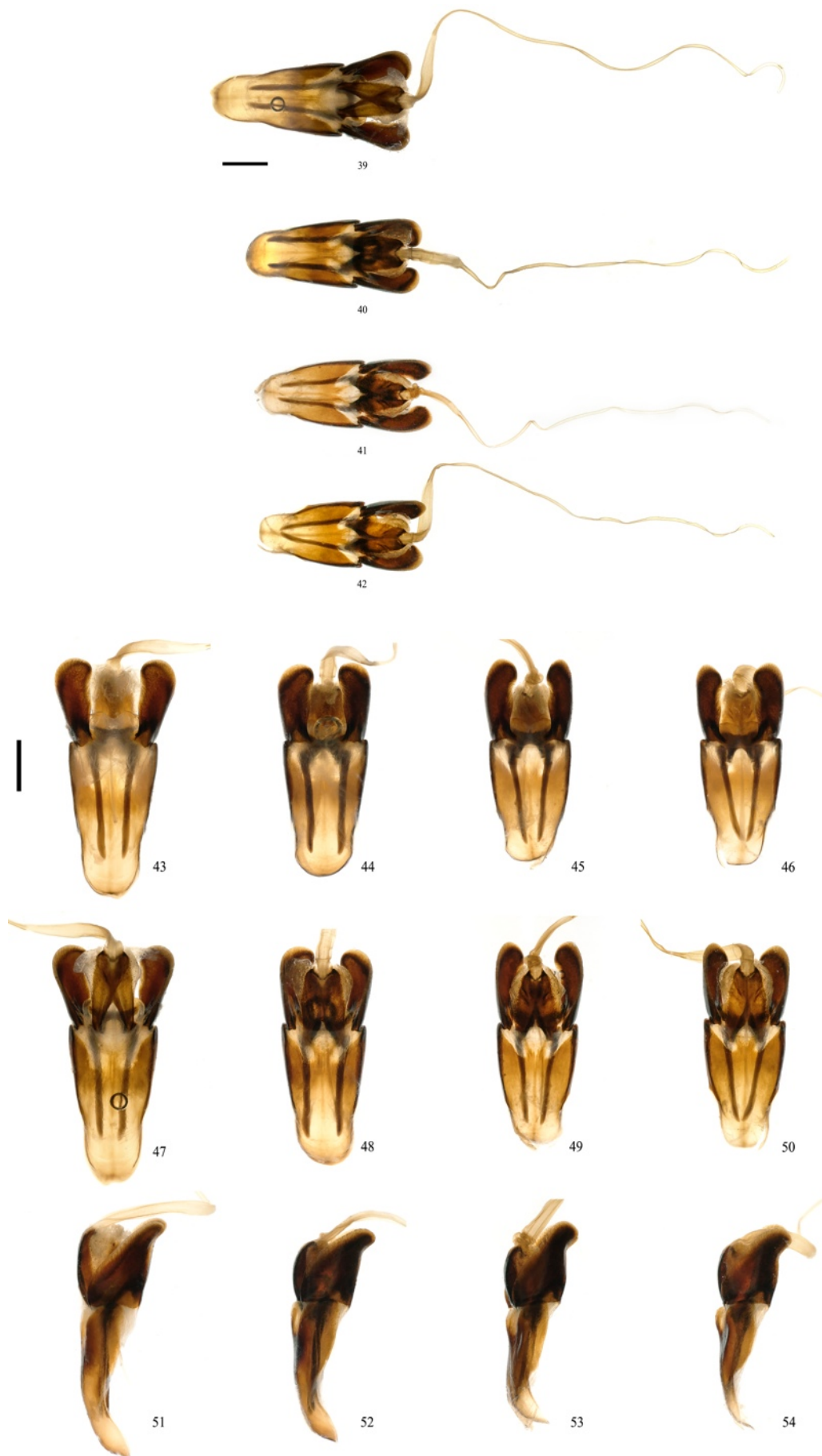


Fig. 39-54. Aedeagus of *Lucanus ludivinae* subspecies (Scale = 1 mm).

39-40. *L. ludivinae flavipes* Xin, He, Zhong & Qi, **ssp. nov.** 39. Holotype. 40. Paratype. **41-42.** *L. ludivinae ludivinae* Boucher, 1998. **43-44, 47-48, 51-52.** *L. ludivinae flavipes* Xin, He, Zhong & Qi, **ssp. nov.** 43, 47, 51. Holotype. 44, 48, 52. Paratype. **45-46, 49-50, 53-54.** *L. ludivinae ludivinae* Boucher, 1998. 43-46. Dorsal view. 47-50. Ventral view. 51-54. Lateral view.

Etymology. – This new subspecies is named after the morphological features of coloration on legs.

Type locality. – Vietnam, Yên Bái Province, Huyện Trạm Tàu City, phú lương Mountain

Distribution. – Vietnam (Yên Bái).

Remarks. – So far, *L. ludivinae ludivinae* is only recorded in Gaoligong mountain range (Qi *et al.*, 2023). The type locality of *L. ludivinae flavipes* ssp. nov. is Phú Lương mountain from Hoang Lien mountain range, and there are many mountainous areas between the known locations of these two subspecies (Fig. 55). Hence, there is a large geographic isolation between them. The relationship between these two subspecies requires future examination of specimens from more localities (especially the gap areas between two localities), as well as molecular comparison.

Material examined for comparison

Lucanus ludivinae ludivinae Boucher, 1998

(Fig. 5-8, 15-20, 22, 31-38, 41-42, 45-46, 49-50, 53-54)

Material examined. – 7 ♂ (CXTZ), China, Yunnan Province, Diqing Tibetan Autonomous Prefecture, Weixi County, Saluoju, alt. 2300-2440 m, V.2023, local collector leg.

Type locality. – China, Yunnan Province, Baoshan City, Eastern Gaoligongshan.

Distribution. – China (Yunnan); Myanmar (Kachin).

Checklist of *Lucanus* from Vietnam

About 21 taxa of the genus *Lucanus* Scopoli, 1763 are known from Vietnam so far including as listed (Didier, 1925; Fujita, 2010; Maeda, 2010; Zilioli, 2012; Okuda, 2012; Sato & Zilioli, 2018; Yi, 2023):

- *Lucanus angusticornis angusticornis* Didier, 1925
- *Lucanus dongi* Maeda, 2009
- *Lucanus formosus* Didier, 1925
- *Lucanus fujitai* Katsura & Giang, 2002
- *Lucanus fukinukiae* Katsura & Giang, 2002
- *Lucanus gradivus* Sato & Zilioli, 2018
- *Lucanus kraatzi giangae* Ikeda, 1997
- *Lucanus ludivinae flavipes* Xin, He, Zhong & Qi, ssp. nov.
- *Lucanus luci* Maeda, 2010
- *Lucanus marazziorum* Zilioli, 2012
- *Lucanus ngheanus ngheanus* Okuda, 2009
- *Lucanus ngheanus phuongi* Okuda & Maeda, 2012
- *Lucanus nobilis* Didier, 1925
- *Lucanus pesarinii* Zilioli, 1998
- *Lucanus planeti planeti* Planet, 1899
- *Lucanus pulchellus* Didier, 1925
- *Lucanus sericeus sericeus* Didier, 1925
- *Lucanus takakuwai* Fujita, 2010
- *Lucanus tibetanus furcifer* Arrow, 1950
- *Lucanus tsukamotoi* Nagai, 2002
- *Lucanus vitalisi* Pouillaude, 1913

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Hong Zhan (Nanjing Agricultural University, Nanjing, China), Mr. Yu-Chen Zheng (China Agricultural University, Beijing, China) and Michele Zilioli (Museo Civico di Storia naturale di Milano, Italy) for their valuable comments on the manuscript.

References

- Boucher S., 1998. – Deux *Lucanus* inédits des provinces chinoises du Yunnan et du Guangxi (Coleoptera, Lucanidae). *Coléoptères*, 4: 177-185.
- Didier R., 1925. – Descriptions sommaires de Lucanides nouveaux de la faune Indo-Chinoise. *Bulletin De La Société Entomologique De France*, 1925: 218-223.
- Fujita H., 2010. – *The Lucanid Beetles of the World*. Mushi-Sha, Tokyo, 472 pp., 248 pls.
- Huang H. & Chen C.-C., 2010. – *Stag beetles of China I*. Formosa Ecological Company, Taipei, 288 pp.
- Huang H. & Chen C.-C., 2013. – *Stag beetles of China II*. Formosa Ecological Company, Taipei, 716 pp.
- Huang H. & Chen C.-C., 2017. – *Stag beetles of China III*. Formosa Ecological Company, Taipei, 524 pp.
- Maeda T., 2010. – A new species of the genus *Lucanus* Scopoli from Kon Tum Province, central Vietnam. *Gekkan-Mushi*, 469: 36-38.
- Okuda N., 2012. – Descriptions of the female of *Lucanus ngheanus* Okuda, 2009 and its new subspecies from Kon Tum Province, central Vietnam. *Gekkan-Mushi*, 498: 20-22.
- Planet L., 1897 – Description de coléoptères nouveaux. *Le Naturaliste*, 19, 205-206.
- Qi Z.-H., He H., Su R.-X., Ai H.-M. & Song H.-T., 2023. – Revision of the *Lucanus boileaui* group and notes on *L. takeoi* Adachi, 2020 from the *L. maculifemoratus* group (Coleoptera: Lucanidae: Lucaninae). *Zootaxa*, 5263(2): 240-260.
- Sato J. & Zilioli M., 2018. – *Lucanus gradivus* n. sp. from Vietnam, with new records of *L. fujitai* Katsura & Giang from Vietnam and Laos. *Natural History Sciences. Atti Della Società Italiana Di Scienze Naturali E Del Museo Civico Di Storia Naturale Di Milano*, 5(1): 11-15.
- Yi D., 2023. – *Lucanidae of the World*. Design Spacetime, Seoul, 190 pp., 160 pls.
- Zilioli M., 2012. – Contribution to the knowledge of the stag beetles of the genus *Lucanus* from Laos, with description of *Lucanus marazziorum* n. sp. (Coleoptera Lucanidae). *Atti Della Società Italiana Di Scienze Naturali E Del Museo Civico Di Storia Naturale Di Milano*. 153(2): 267-276.

Contribution of the authors ¹

Publisher correspondence. – ZHQ

Writing the article. – FYX, XTZ, ZHQ

Description of the new species. – FYX

Article proofreading. – FYX, ZHQ

Material study. – FYX, HH, XTZ, ZHQ

Author of the figures. – YFZ, FYX, ZHQ, HH

¹ FYX = Fei-Yi Xin – HH = Hao He – XTZ = Xiao-Tian Zhong – YFZ = Yi-Feng Zhang – ZHQ = Zhi-Hao Qi.

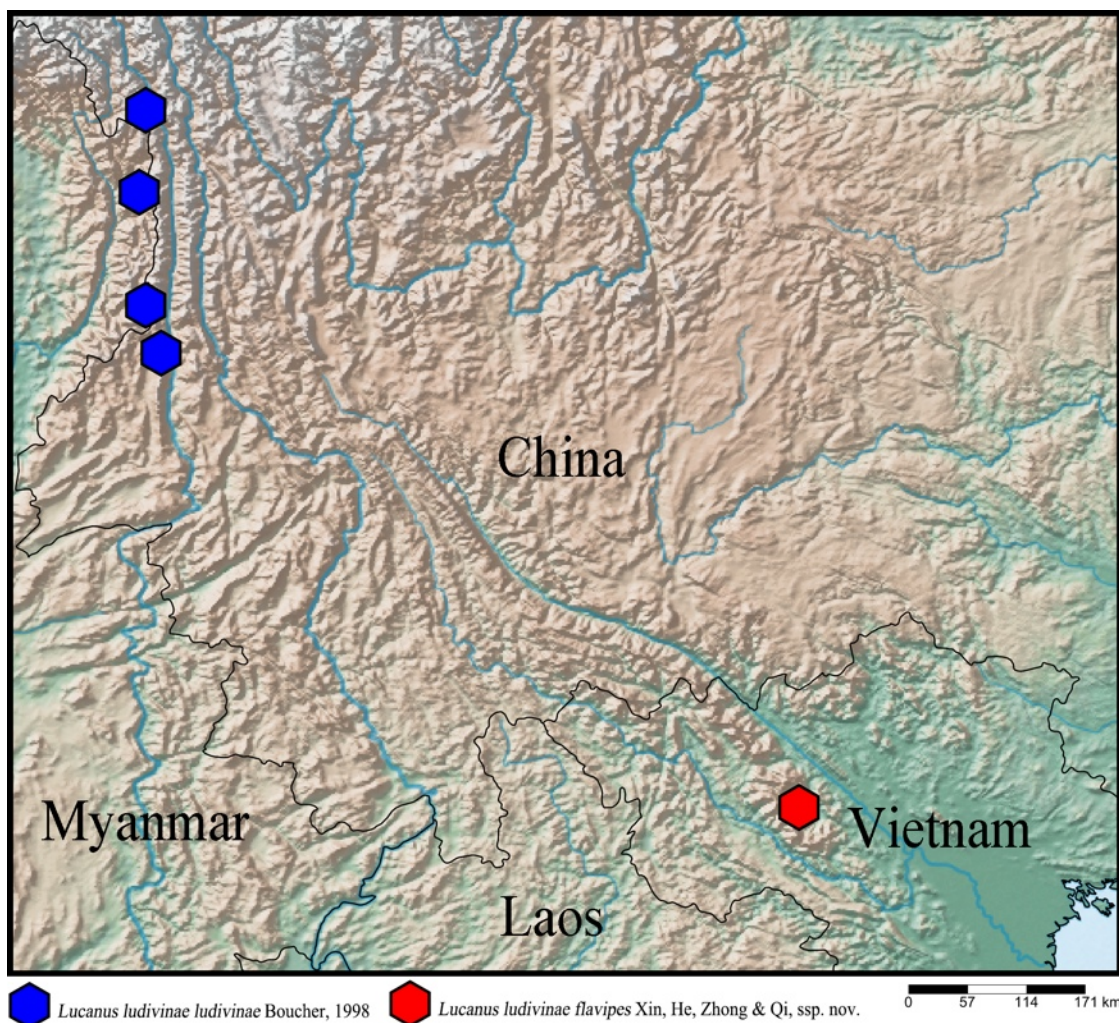


Fig. 55. Distribution of *Lucanus ludivinae flavipes* Xin, He, Zhong & Qi, ssp. nov. and *L. ludivinae ludivinae* Boucher, 1998.

Résumé

Fei-Yi Xin, Hao He, Xiao-Tian Zhong, Yi-Feng Zhang & Zhi-Hao Qi, 2024. – *Lucanus ludivinae*, première citation pour le Vietnam, avec la description d'une nouvelle sous-espèce (Coleoptera: Lucanidae: Lucaninae). *Faunitaxys*, 12(39): 1 – 7.

Nous décrivons une nouvelle sous-espèce de *Lucanus ludivinae* Boucher, 1998 d'Indochine, i.e., *Lucanus ludivinae flavipes* Xin, He, Zhong & Qi, ssp. nov. Nous donnons la liste des Lucanes du Vietnam.

Mots-clés. – Coleoptera, Lucanidae, *Lucanus, ludivinae, flavipes*, taxonomie, description, nouvelle sous-espèce, nouvelle donnée, Vietnam.

Derniers articles publiés

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Vives E., 2024. – Cerambycoides nouveaux ou intéressants de Vietnam (Coleoptera, Cerambycidae) (Pars 11). *Faunitaxys*, 12(34) : 1 – 4. [https://doi.org/10.57800/faunitaxys-12\(34\)](https://doi.org/10.57800/faunitaxys-12(34))

Keith D., Pham P.V. & Sabatinelli G., 2024. – Description d'une remarquable nouvelle espèce du genre *Eotrichia* Medvedev, 1951 (Coleoptera: Scarabaeidae, Melolonthinae, Rhizotrogini). *Faunitaxys*, 12(35): 1 – 4. [https://doi.org/10.57800/faunitaxys-12\(35\)](https://doi.org/10.57800/faunitaxys-12(35))

Sabatinelli G. & Pham P.V., 2024. – A new species of *Didrepanephorus* Wood-Mason, 1878 from Vietnam with notes on the genus (Coleoptera: Scarabaeidae Rutelinae). *Faunitaxys*, 12(36): 1 – 4. [https://doi.org/10.57800/faunitaxys-12\(36\)](https://doi.org/10.57800/faunitaxys-12(36))

Laguette M., 2024. – Description of three new species and a new genus of Lithosiini from Dominican Republic (Lepidoptera: Erebiidae: Arctiinae: Lithosiini). *Faunitaxys*, 12(37): 1 – 9. [https://doi.org/10.57800/faunitaxys-12\(37\)](https://doi.org/10.57800/faunitaxys-12(37))

Chen Z.-T., 2024. – *Cranopygia guizhouensis* sp. nov., a new earwig species of Pygidicranidae (Insecta: Dermaptera) from China. *Faunitaxys*, 12(38): 1 – 4. [https://doi.org/10.57800/faunitaxys-12\(38\)](https://doi.org/10.57800/faunitaxys-12(38))

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SOMMAIRE

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Fei-Yi Xin, Hao He, Xiao-Tian Zhong, Yi-Feng Zhang & Zhi-Hao Qi 1–7

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Lucanus ludivinae, a newly recorded stag beetle from Vietnam, with a description of a new subspecies (Coleoptera: Lucanidae: Lucaninae).

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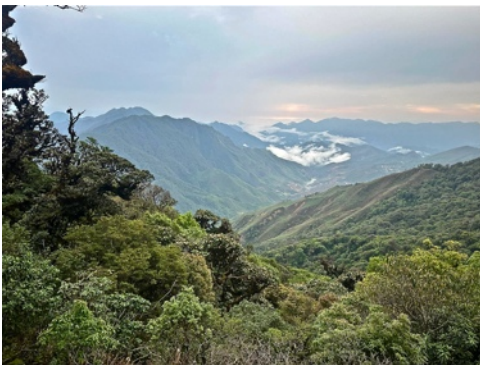


Illustration de la couverture :

Natural habitats of *Lucanus ludivinae flavipes* Xin, He, Zhong & Qi, **spp. nov.** Phú lương Mountain, Yên Bái Province, Vietnam.

Crédits :

Yi-Feng Zhang: Fig. 1-22.

Zhi-Hao Qi: Fig. 23-54.

Hao He: Couverture.