



New data on the net-wing beetle genus *Plateros* (Coleoptera: Lycidae) from Nepal

Новые данные по жукам-краснокрылам рода *Plateros* (Coleoptera: Lycidae) из Непала

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Abstract. Three species of the genus *Plateros* Bourgeois, 1879—*P. manaliensis* (Bocáková, 1997), *P. atosuturalis* Kazantsev, 2011, and *P. gavryushini* Kazantsev, 2017—previously known only from northern India, northern Myanmar and Indochina, respectively, are reported from Nepal for the first time. *Plateros anguliplanatus* Kazantsev, 2021, **syn. nov.** is synonymised with *P. gurkha* Kazantsev, 2001. Fourteen species of *Plateros* from Nepal—*P. atosuturalis* Kazantsev, 2011, *P. brancuccii* Kazantsev, 1991, *P. cimicoides* Kleine, 1928, *P. cinereus* Kazantsev, 1991, *P. dentifer* Kazantsev, 1991, *P. harmandi* Bourgeois, 1928, *P. karnaliensis* Kazantsev, 2011, *P. kumatai* Nakane, 1983, *P. laterculus* Kazantsev, 1991, *P. macrosuturalis* Kazantsev, 1991, *P. manaliensis* (Bocáková, 1997), *P. nepalensis* Kazantsev, 1991, *P. suturalis* Pic, 1928, and *P. wittmerianus* Kazantsev, 1991—are illustrated with colour photographs of their habitus and aedeagi for the first time. A comprehensive list of *Plateros* species in Nepal is presented, now encompassing a total of 36 species.

Резюме. Для Непала впервые приводятся три вида жуков-краснокрылов (Coleoptera: Lycidae) рода *Plateros* Bourgeois, 1879 – *P. manaliensis* (Bocáková, 1997), *P. atosuturalis* Kazantsev, 2011 и *P. gavryushini* Kazantsev, 2017 – которые ранее были известны лишь из северной Индии, северной Мьянмы и Индокитая, соответственно. *Plateros anguliplanatus* Kazantsev, 2021, **syn. nov.** сводится в синонимы к *P. gurkha* Kazantsev, 2001. Четырнадцать непальских видов – *Plateros atosuturalis* Kazantsev, 2011, *P. brancuccii* Kazantsev, 1991, *P. cimicoides* Kleine, 1928, *P. cinereus* Kazantsev, 1991, *P. dentifer* Kazantsev, 1991, *P. harmandi* Bourgeois, 1928, *P. karnaliensis* Kazantsev, 2011, *P. kumatai* Nakane, 1983, *P. laterculus* Kazantsev, 1991, *P. macrosuturalis* Kazantsev, 1991, *P. manaliensis* (Bocáková, 1997), *P. nepalensis* Kazantsev, 1991, *P. suturalis* Pic, 1928 и *P. wittmerianus* Kazantsev, 1991 – впервые проиллюстрированы цветными фотографиями габитуса и эдеагуса. Приводится полный список видов *Plateros* Непала, который в настоящее время включает 36 видов.

Key words: net-wing beetles, taxonomy, faunistics, Palaearctic, Coleoptera, Lycidae, *Plateros*, new synonym

Ключевые слова: краснокрылы, таксономия, фаунистика, Палеарктика, Coleoptera, Lycidae, *Plateros*, новый синоним

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Introduction

The genus *Plateros* Bourgeois, 1879 is one of the largest in the family of net-winged beetles, comprising over 900 species and occurring in all biogeographic realms, with the exception of the Greater Antilles, Madagascar, New Zealand, and Melanesia/Polynesia. In the Palaearctic Region, it is recorded only in the southeastern areas, specifically in China, the Himalayan countries, Japan, and the extreme Southeast of Russia (Bocáková & Bocák, 2007; Kazantsev, 2011).

The first species of *Plateros* was described from Nepal over forty years ago (Nakane, 1983). Shortly thereafter, additional species of the genus were discovered in the country, and several taxa previously known from the adjacent regions of India were also found to occur in Nepal (Kazantsev, 1991, 1993, 2001, 2005, 2011, 2021a; Bocáková, 1997a; Bocák & Bocáková, 1999). This increased the total number of *Plateros* species recorded in Nepal to 33.

The present study further enhances our knowledge of *Plateros* of Nepal. An examination of the material from the Naturkundemuseum in Erfurt, Germany, collected from the Karnali and Mahakali provinces of Nepal, has led to the discovery of two species previously known only from Indochina and China. Additionally, another species, previously known only from Myanmar, was found in the older material housed at the S. Kazantsev's private collection. Below is a list of *Plateros* species found in Nepal, accompanied by taxonomic notes and colour photographs of some of the rare, predominantly mountain species from the Nepal Himalayas.

Material and methods

For examination, the beetles were relaxed in water. Their detached abdomens were then preserved for several hours in a 10% KOH solution at room temperature. The KOH-treated aedeagi and terminal abdominal segments were subsequently placed in microvials filled with glycerin for photography.

A MSP-1 zoom stereoscopic dissecting microscope, which offers a magnification range of 8× to 80×, was used for the study. Photographs were taken using a Canon EOS 6D camera paired with a Canon MP-E 65 mm lens.

The following acronyms are used in this paper: ICM – S. Kazantsev's private collection (previously Insect Center), Moscow, Russia; NME – Naturkundemuseum, Erfurt, Germany.

Results

Subfamily **Lycinae** Laporte, 1838

Tribe **Platerotini** Kleine, 1928

Genus ***Plateros*** Bourgeois, 1879

Plateros Bourgeois, 1879: xix.

Ditoneces Waterhouse, 1879: 31 (synonymised by Bocáková, 2001).

Melampyrus Waterhouse, 1879: 30 (synonymised by Bocáková, 2001).

Calleros Gorham, 1881: 25 (synonymised by Bocáková, 2001).

Planeteros Gorham, 1883: 591 (synonymised by Bocáková, 2001).

Cautiroides Pic, 1921: 3 (synonymised by Bocáková, 2001).

Graciloplateros Pic, 1921: 1 (synonymised by Bocáková, 1997b).

Libnetomorphus Pic, 1921: 2 (synonymised by Bocáková, 2001).

Microplateros Pic, 1921: 2 (synonymised by Bocáková, 2001).

Tolianus Pic, 1921: 3 (synonymised by Bocáková, 2001).

Calloplateros Pic, 1923: 30 (synonymised by Bocáková, 2001).

Costatoplateros Pic, 1949: 5 (synonymised by Bocáková, 2001).

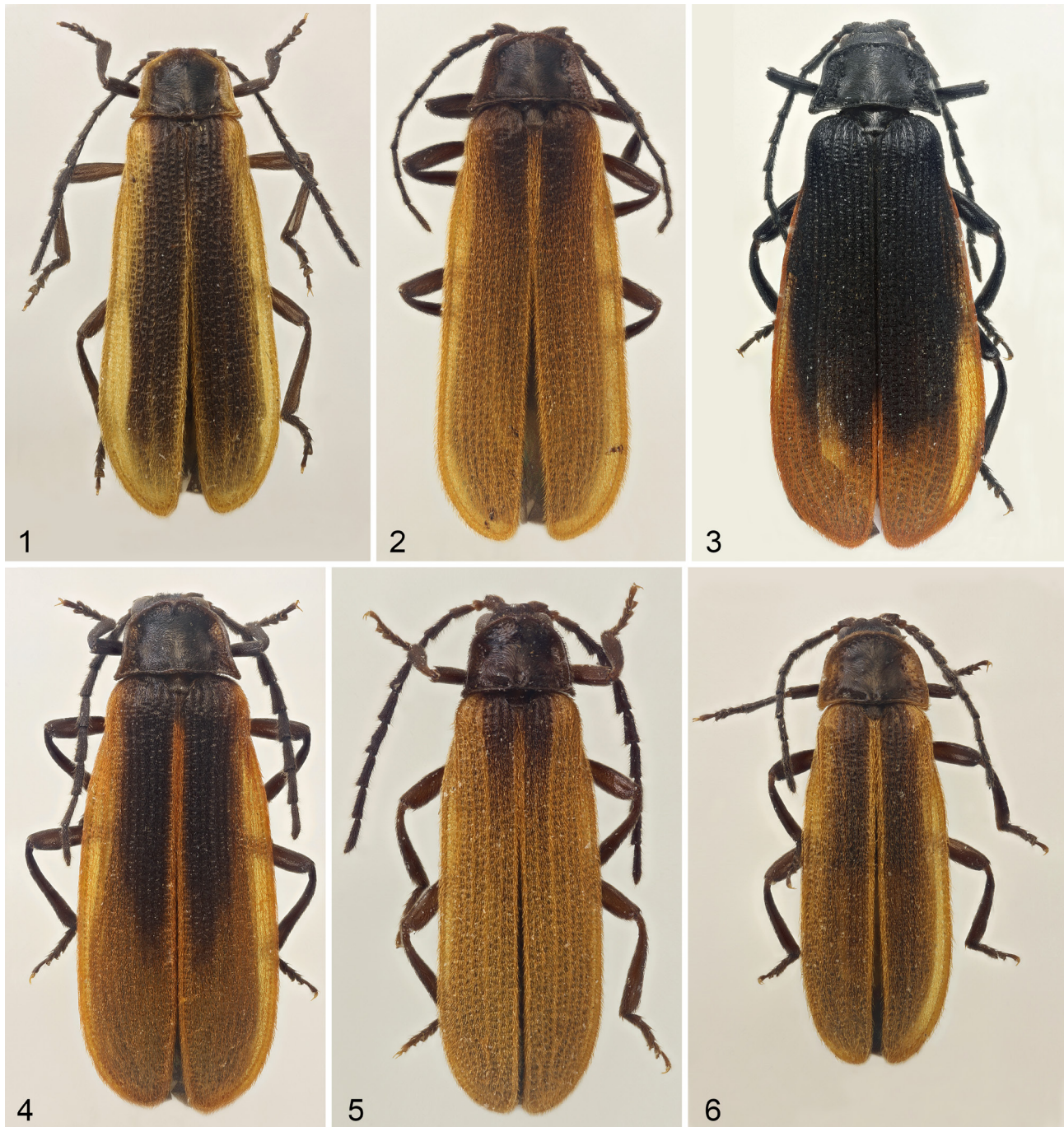
Type species: *Eros brasiliensis* Lucas, 1857, by subsequent designation (Zaragoza Caballero, 1999).

Plateros atosuturalis Kazantsev, 2011
(Figs 14, 28)

Plateros atosuturalis Kazantsev, 2011: 189. New name for *P. nigrosuturalis* Kleine, 1939 because of secondary homonymy with *P. nigrosuturalis* (Pic, 1921).

Material examined. **Nepal**, 1 male, "ENepal, Arun V., Mure-Num, 2200–1550 m, 4–7.VI.1983, M. Brancucci" / "*Plateros suturalis* Pic" (ICM). **India**, 1 male, "India, Distr. Darjeeling, Chim-Khona (Ghum), 2200 m, 4.VI.1975, W. Wittmer" / "*Plateros suturalis* Pic" (ICM).

Distribution. Eastern Nepal (Arun Valley), northeastern India (Darjeeling), northeastern Myanmar (Kambaiti). First record for Nepal.



Figs 1–6. General views of *Plateros* spp., males. 1, *P. cimicoides* Kleine, 1928; 2, *P. harmandi* Bourgeois, 1902; 3, *P. manaliensis* (Bocáková, 1997); 4, *P. kumatai* Nakane, 1983; 5, *P. laterculus* Kazantsev, 1991 (paratype); 6, *P. nepalensis* Kazantsev, 1991 (paratype).

Remark. *Plateros atosuturalis* closely resembles *P. suturalis* Pic, 1919 in habitus, differing only in the larger eyes and longer antennae (Fig. 14, cf. Fig. 10). The two specimens examined from Nepal and Darjeeling were initially identi-

fied as *P. suturalis*. However, an examination of their aedeagi, which are distinctly different from those of *P. suturalis*, confirmed that the specimens actually belong to *P. atosuturalis* (Fig. 28, cf. Fig. 25).

***Plateros brancuccii* Kazantsev, 1991**
(Figs 7, 20)

Plateros brancuccii Kazantsev, 1991: 173.

Material examined. **Nepal**, 1 male, “Nepal, Bagmati, Nuwakot, Pati Bhanjyang, 1900 m, 16–18.VI.1989, M. Brancucci” (ICM).

Distribution. Central Nepal (Bagmati, Godavari), northeastern India (Darjeeling).

***Plateros cimicoides* Kleine, 1928**
(Figs 1, 16)

Plateros cimicoides Kleine, 1928: 242.

Material examined. **Nepal**, 1 male, 2 females, “Nepal, P. Karnali, D. Mugu, 31 km N Jumla, Gamghadi, N Mugu, Karnali river, 29°33'32"N, 82°09'30"E, 1740 m, light trap, 27.VI.2022, A. Weigel leg. #22–18” (NME).

Distribution. Nepal (Karnali, Mahakali, Jiri Thodung, Dhawalagiri, Phulchoki, Gandaki), northern India (Uttarakhand, Sikkim).

***Plateros cinereus* Kazantsev, 1991**
(Figs 13, 19)

Plateros cinereus Kazantsev, 1991: 166.

Material examined. **Nepal**, 1 male, “Nepal, Pokhara, 820 m, 15–18.VI.1976, W. Wittmer, C. Baroni Urbani” (ICM).

Distribution. Eastern Nepal (Num-Hedangna, Pokhara).

***Plateros dentifer* Kazantsev, 1991**
(Figs 8, 23)

Plateros dentifer Kazantsev, 1991: 177.

Material examined. **India**, 1 male, “Distr. Darjeeling: Chim-Khong (Ghum), 2200 m, 4.VI.1975, W. Wittmer” (ICM).

Distribution. Nepal (Bocáková & Bocák, 2007), northeastern India (Darjeeling).

***Plateros gavryushini* Kazantsev, 2017**

Plateros gavryushini Kazantsev, 2017: 243.

Type material examined. *Holotype* of *P. gavryushini*, **Thailand**, 1 male, “Thailand, Trat prov., Koh Chang Is., White Sands Beach, env. Khao Inn, 12.10372°N, 102.27498°E, 9.XII.2011, D.I. Gavryushin leg.” (ICM).

Additional material examined. **Nepal**, 1 male, “Nepal, P. Mahakali, D. Kanchanpur, vic. Mahendranagar, Suklaphanta Nat.[ure] Res.[erve], Peters Area, Dsaunda river, 28°53'51"N, 80°13'39"E, 160 m, second. forest riverside, 1.VII.2017, A. Weigel leg. #17–19” (NME).

Distribution. Southwestern Nepal (Mahakali, District Kanchanpur), northern Vietnam (Cuc Phuong National Park), Thailand. First record for Nepal.

Remark. Colour photos of the habitus and the aedeagus of *P. gavryushini* were published by Kazantsev (2017, 2021a).

***Plateros gurkha* (Kazantsev, 2001)**

Melaneros gurkha Kazantsev, 2001: 14.

Plateros anguliplanatus Kazantsev, 2021: 51, **syn. nov.**

Type material examined. *Paratype* of *M. gurkha*, **India**, 1 male, “India, U.P., Gangani, 1250 m, 13–20.VI.1981, M. Brancucci” (ICM).

Additional material examined. **Nepal**: 3 males, “Nepal, P. Bagmati, D. Chitwan, Sauraha, Hotel Sweet Home, 27°35'10"N, 84°29'29"E, 190 mNN, 05–07.VII.2022, A. Kopetz leg. #22–29” (ICM and NME).

Distribution. Nepal (Birkanj, Karnali), northern India (Uttar Pradesh), southwestern China (Yunnan), northern Vietnam (Hoa Binh), northern Thailand (Chiang Mai), Cambodia.

Remark. *Plateros anguliplanatus* (type locality: Cambodia) was not compared with *P. gurkha* from India (Uttar Pradesh) and Nepal in the original description (Kazantsev, 2021). The comparison between the two species leaves no doubt that they are conspecific. Therefore, *P. anguliplanatus* Kazantsev, 2021, **syn. nov.** is recognised as a junior subjective synonym of *P. gurkha* Kazantsev, 2001.

***Plateros harmandi* Bourgeois, 1902**
(Figs 2, 15)

Plateros harmandi Bourgeois, 1902: 92.

Plateros sikkimanus Kleine, 1928: 240 (synonymised by Kazantsev, 1991).

Material examined. **Nepal**, 1 male, “Nepal, Mechi Prov., Ilam District., Rakse vill., 1700–2600 m, VII.1998, N.L. Orlov”. **Bhutan**, 1 male, “Bhutan, Thang, VII.1976, leg. Kunzang” (ICM).

Distribution. Eastern Nepal (Ilam, Mechi), Bhutan, northeastern India (Darjeeling), China (Yunnan).

***Plateros karnaliensis* Kazantsev, 2011**
(Figs 12, 27)

Plateros karnaliensis Kazantsev, 2011: 166.

Type material examined. Paratype of *P. karnaliensis*, **Nepal**, 1 male, "Nepal: Karnali/Humla, 18 km WNW Simikot, Chumsa Khola (Brücke), 30°02'25"N 81°39'06"E, 2950 m, 20–22.VI.2001, A. Weigel leg." (ICM).

Distribution. Western Nepal (Karnali, Humla).

Remark. The original description of the species contains a proofreading error that inadequately represents its coloration (Kazantsev, 2011). A colour photograph of a paratype (Fig. 12) is included here to complement the description. The aedeagus of *P. karnaliensis* closely resembles that of *P. suturalis* Pic, 1919 and *P. macrosuturalis* Kazantsev, 1991, with its median piece appearing only slightly more robust (Fig. 27, cf. Figs 25, 26). In addition to the somewhat more robust aedeagus, *P. karnaliensis* is distinguished by the uniformly black pronotum and uniformly reddish elytra (Fig. 12), whereas *P. suturalis* and *P. macrosuturalis* typically exhibit a black sutural stripe on the yellowish elytra and sometimes lighter lateral pronotal margins (Figs 10, 11). However, the status of this taxon requires verification through the examination of additional material.

***Plateros kumatai* Nakane, 1983**
(Figs 4, 18)

Plateros kumatai Nakane, 1983: 118.

Material examined. **Nepal**, 1 male, "Nepal, P. Mahakali, D. Mugu, Jumla, 35 km N, Dam, S, 29°35'24"N, 82°8'45"E, 2600 m, light trap, 26.VI.2022, A. Weigel leg. #22–17" (NME). **Pakistan**, 1 male, "Pakistan, Jhika Gali, 2100 m, 21.VII.1979, W. Wittmer" (ICM).

Distribution. Nepal (Karnali, Mahakali, Phulchoki), northern Pakistan (Murree, Bava Gali, Jhika Gali).

***Plateros laterculus* Kazantsev, 1991**
(Figs 5, 22)

Plateros laterculus Kazantsev, 1991: 174.

Type material examined. Paratype of *P. laterculus*, **Nepal**, 1 male, "Nepal: Godawari, 10.VI.1976, W. Wittmer, C. Baroni U[rhani]." (ICM).

Distribution. Western Nepal (Godavari).

***Plateros macrosuturalis* Kazantsev, 1991**
(Figs 11, 26)

Plateros macrosuturalis Kazantsev, 1991: 170.

Type material examined. Paratype of *P. macrosuturalis*, **Nepal**, 1 male, "Nepal: Phulchoki, 2600 m, 11–14.VI.1976, W. Wittmer, C. Baroni U[rhani]." (ICM).

Distribution. Central Nepal (Phulchoki, Katmandu).

Remark. The aedeagus of *P. macrosuturalis* closely resembles that of *P. suturalis* (Fig. 26, cf. Fig. 25). However, *P. macrosuturalis* can be distinguished from the latter by the smaller eyes, longer antennae, and broader black sutural elytral stripe (Fig. 11, cf. Fig. 10). Nevertheless, the status of this species requires further verification through the examination of additional specimens.

***Plateros manaliensis* (Bocáková, 1997)**
(Figs 3, 17)

Melaneros manaliensis Bocáková, 1997: 2.

Material examined. **Nepal**, 1 male, "Nepal, P. Karnali, D. Humla, Simikot — 28 km E — 34 km SE, (29°47'29"N, 82°01'15"E — 29°45'10"N, 82°04'26"E), 2530–1650 mNN, light trap, 22.VI.2022, A. Kopetz leg. #22–12a" (NME).

Distribution. Northwestern Nepal (Karnali, Humla), northern India (Himachal Pradesh). First record for Nepal.

***Plateros nepalensis* Kazantsev, 1991**
(Figs 6, 24)

Plateros nepalensis Kazantsev, 1991: 172.

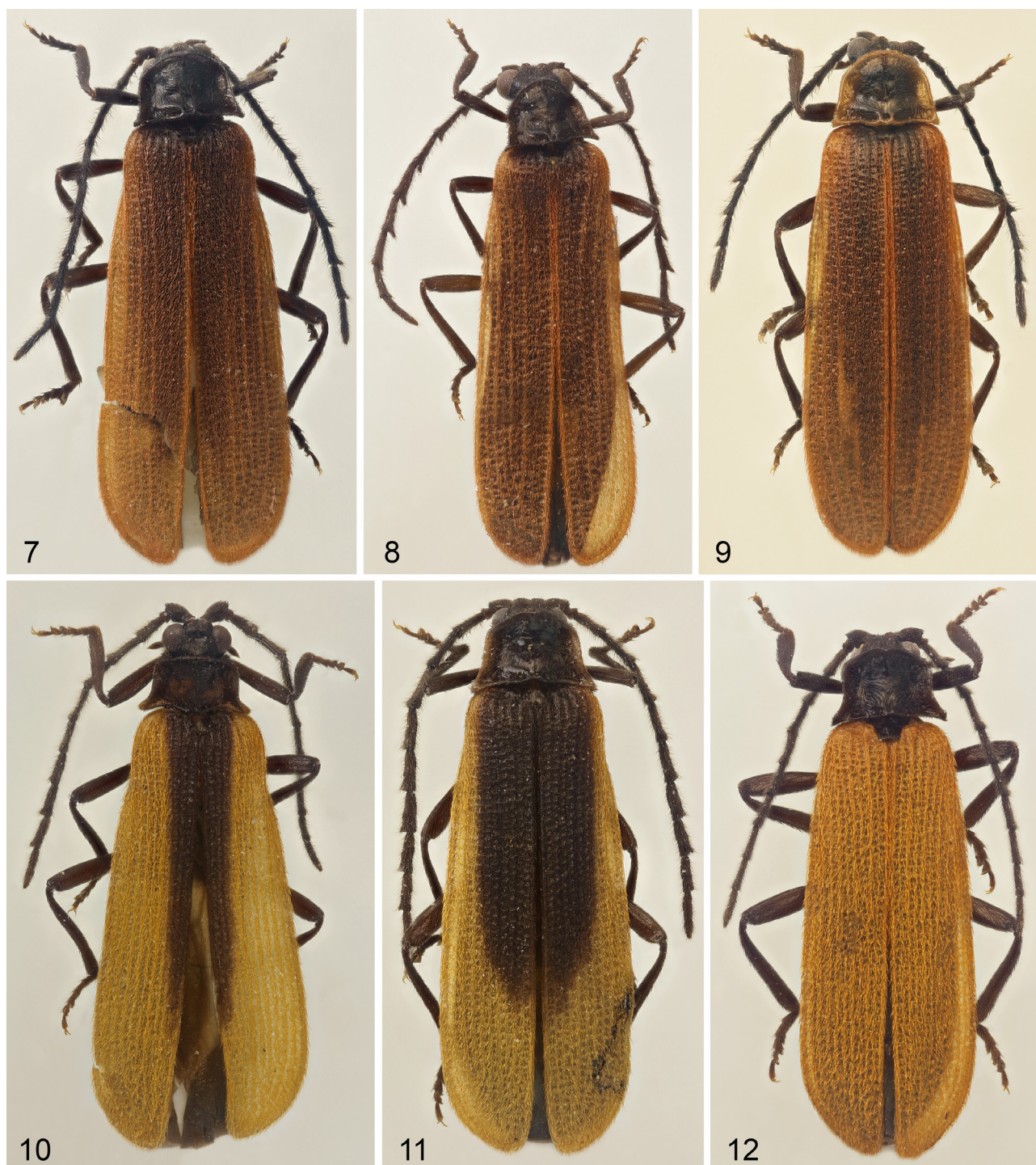
Type material examined. **Nepal**, 1 male, paratype of *P. nepalensis*, "O Nepal, Lamobagar Gao, 1400 m, 28–31.V.1980, W. Wittmer" (ICM).

Distribution. Eastern Nepal (Arun Valley).

***Plateros suturalis* Pic, 1919**
(Figs 10, 25)

Plateros suturalis Pic, 1919: 21.

Material examined. **India**, 1 male, "India, U.P., Chaurengi, 2200–2500 m, 23.V.1978, W. Wittmer" / "*Plateros suturalis* Pic, Kazantsev det. 1990" / "compared with Type, S.Kazantsev 1990" (ICM).



Figs 7–12. General views of *Plateros* spp., males. 7, *P. brancuccii* Kazantsev, 1991; 8, *P. dentifer* Kazantsev, 1991 (paratype); 9, *P. wittmerianus* Kazantsev, 1991; 10, *P. suturalis* Pic, 1919; 11, *P. macrosuturalis* Kazantsev, 1991 (paratype); 12, *P. karnaliensis* Kazantsev, 2011 (paratype).

Distribution. Western Nepal (“S face of Panch Chuli”) (Nakane, 1983), northern India (Uttar Pradesh).

Remark. The aedeagus of the studied specimen of *P. suturalis* is partly damaged in the distal fourth (Fig. 25).

Plateros wittmerianus Kazantsev, 1991
(Figs 9, 21)

Plateros wittmerianus Kazantsev, 1991: 173.

Material examined. Nepal, 1 male, "O Nepal, Mure-Num, 1900–1500 m, 25.V.1980, W. Wittmer" (ICM).

Distribution. Eastern Nepal (Mure-Num).

A checklist of *Plateros* species of Nepal

1. *P. atosuturalis* Kazantsev, 2011: 189 [nom. nov. pro *P. nigrosuturalis* Kleine, 1939 nec *P. nigrosuturalis* (Pic, 1921)]. Eastern Nepal (Arun Valley), northern India (Darjeeling), northeastern Myanmar (Kambaiti). *First record for Nepal*.

2. *P. annapurnensis* (Bocák et Bocáková, 1999): 55 (*Melaneros*). Central Nepal (Annapurna Mountain Range).

3. *P. assamensis* (Pic, 1928): 15 (*Ditoneces*) (syn. *Ditoneces tolerabilis* Kleine, 1939: 16; synonymised by Kazantsev, 1991). Central Nepal (Birganj, Narayani), northeastern India (Assam).

4. *P. bhaktai* Kazantsev, 1991: 176. Central Nepal (Chandanbari).

5. *P. birganjensis* (Kazantsev, 2001): 13 (*Melaneros*). Central Nepal (Birganj).

6. *P. brancuccii* Kazantsev, 1991: 173. Central Nepal (Godavari), India (Darjeeling).

7. *P. cimicoides* Kleine, 1928: 242. Nepal (Karnali, Mahakali, Jiri Thodung, Dhawalagiri, Phulchoki, Gandaki), northern India (Uttarakhand, Sikkim).

8. *P. cinereus* Kazantsev, 1991: 166. Eastern Nepal (Num-Hedangna).

9. *P. compressus* (Bocáková, 1997): 5 (*Melaneros*). Central Nepal (Miagdi).

10. *P. confrater* Kleine, 1928: 241. Nepal (Manaslu Mount, Mahakali/Kanchanpur), northern India (Uttaranchal, Uttar Pradesh).

11. *P. dentifer* Kazantsev, 1991: 177. Nepal (recorded for Nepal only in the Palaearctic Catalogue: Bocáková & Bocák, 2007), northern India (Darjeeling).

12. *P. flavonotatus* Kleine, 1928: 242 (syn. *Melaneros jageri* Bocák et Bocáková, 1999: 53; synonymised by Kazantsev, 2021a). Central Nepal (Narayani, Annapurna Mountain Range), India (Uttar Pradesh, Uttarakhand), Bangladesh (Sylhet).

13. *P. fuscodiscus* Kazantsev, 1993: 29. Eastern Nepal (Panchthar).

14. *P. gavyushini* Kazantsev, 2017: 243. Southwestern Nepal (Mahakali, Kanchanpur District), northern Vietnam (Cuc Phuong National Park), Thailand. *First record for Nepal*.

15. *P. gorkha* (Kazantsev, 2001): 14 (*Melaneros*) (syn. *P. anguliplanatus* Kazantsev 2021: 51, **syn. nov.**). Nepal (Birganj, Karnali), India (Uttar Pradesh), southwestern China (Yunnan), northern Vietnam (Hoa Binh), northern Thailand (Chiang Mai), Cambodia.

16. *P. harmandi* Bourgeois, 1902: 92 (syn. *P. sikkimanus* Kleine, 1928: 240; synonymised by Kazantsev, 1991). Nepal, India (Darjeeling), China.

17. *P. hartmanni* Kazantsev, 2021: 457. Western Nepal (Mahakali/Kanchanpur).

18. *P. imitator* Kleine, 1928: 240. Southern Nepal (Simra), India (Uttar Pradesh, Uttarakhand, West Bengal, Malabar).

19. *P. jeni* (Bocáková, 1997): 5 (*Melaneros*). Central Nepal (Katmandu Valley).

20. *P. karnaliensis* Kazantsev, 2011: 166. Western Nepal (Karnali, Humla).

21. *P. kopetzi* Kazantsev, 2005: 14. Western Nepal (Bheri).

22. *P. kumatai* Nakane, 1983: 118. Nepal (Karnali, Kuinibisona, Phulchoki).

23. *P. latenigrescens* Nakane, 1983: 121. Western Nepal (Panchachuli, 2750 m a.s.l.).

24. *P. laterculus* Kazantsev, 1991: 174. Western Nepal (Godavari).

25. *P. nakanei* Kazantsev, 2011: 190 [nom. nov. pro *P. latevitus* Nakane, 1983 nec *P. latevitus* (Pic, 1934)]. Eastern Nepal (Taplejung, 3310 m a.s.l.).

26. *P. macrosuturalis* Kazantsev, 1991: 170. Central Nepal (Phulchoki).

27. *P. mahabharaticus* (Kazantsev, 2001): 14 (*Melaneros*). Southern Nepal (Simra), India (Uttar Pradesh).

28. *P. manaliensis* (Bocáková, 1997): 2 (*Melaneros*). Northwestern Nepal (Karnali, Humla), India (Himachal Pradesh). *First record for Nepal*.

29. *P. nepalensis* Kazantsev, 1991: 172. Eastern Nepal (Arun Valley).

30. *P. planatus planatus* C.O. Waterhouse, 1879: 27 [syn. *Ditoneces incisicollis* Pic, 1921: 5



Figs 13–26. *Plateros* spp., general views of males (13, 14) and aedeagi in ventral and lateral views (15–28). **13, 19,** *P. cinereus* Kazantsev, 1991 (paratype); **14, 28,** *P. atosuturalis* Kazantsev, 2011; **15,** *P. harmandi* Bourgeois, 1902; **16,** *P. cimicoides* Kleine, 1928; **17,** *P. manaliensis* (Bocáková, 1997); **18,** *P. kumatai* Nakane, 1983; **20,** *P. brancuccii* Kazantsev, 1991; **21,** *P. wittmerianus* Kazantsev, 1991; **22,** *P. laterculus* Kazantsev, 1991 (paratype); **23,** *P. dentifer* Kazantsev, 1991 (paratype); **24,** *P. nepalensis* Kazantsev, 1991 (paratype); **25,** *P. suturalis* Pic, 1919; **26,** *P. macrosuturalis* Kazantsev, 1991 (paratype); **27,** *P. karnaliensis* Kazantsev, 2011 (paratype). Scale bars: 0.5 mm.

(synonymised by Bocáková, 1997a), *D. pallidus* Pic, 1921: 5 (synonymised by Kazantsev, 2011), *P. tuberculatus* Pic, 1921: 6 (synonymised by

Bocáková, 1997a), *D. sulcatithorax* Pic, 1925: 18 (synonymised by Bocáková, 1997a), *D. hoanus* Pic, 1926: 32 (synonymised by Kazantsev, 2011),

P. fulgens Kleine, 1933: 20 (synonymised by Bocáková, 1997a), *P. koreanus* Kleine, 1936: 263 (synonymised by Kazantsev & Yang, 1999)]. Nepal, China, Japan, Korea, Indochina.

31. *P. schawalleri* Kazantsev, 1993: 29. Eastern Nepal (Arun Valley).

32. *P. sincerus* Kleine, 1928: 247. Nepal (Adhabar; reported from a single female: Nakane, 1983), India (Uttar Pradesh).

33. *P. smetanai* (Kazantsev, 2001): 13 (*Melaneros*). Southern Nepal (Birganj).

34. *P. suturalis* Pic, 1919: 21. Western Nepal ("S face of Panch Chuli", at 9,000' [2,743 m a.s.l.]; reported from a single female: Nakane, 1983), northern India (Uttar Pradesh).

35. *P. weigeli* Kazantsev, 2011: 167. Western Nepal (Bheri).

36. *P. wittmerianus* Kazantsev, 1991: 173. Eastern Nepal (Mure-Num).

Discussion

It becomes apparent that some species of *Plateros* may have rather extensive distribution ranges. For example, *P. gurha*, which was initially thought to be restricted to the pre-Himalayan region (first described from Birganj in Nepal and Uttar Pradesh in northern India: Kazantsev, 2001), has been found not only in the Indian states bordering Nepal but also in Indochina, extending from northern Vietnam and Thailand to Cambodia. Similarly, *P. gavyushini*, which was first recorded in northern Vietnam and Thailand (Kazantsev, 2017), has now been discovered in southwestern Nepal.

It is true that some of the old and well-known *Plateros* species have a wider distribution, such as *P. planatus*, which has been recorded from Nepal and China to Japan, Korea, and Indochina (Bocák & Bocáková, 1999; Kazantsev, 2021b). However, these instances are considered rare exceptions; generally, species of the genus tend to have a limited range (e.g., Bocáková, 1997). In fact, *Plateros* species are almost entirely endemic to each larger country or geographic region (e.g., Zaragoza Caballero, 1999; Kazantsev, 2000, 2020, 2021c). Nevertheless, it is essential to conduct a more thorough comparison of taxa from distant locations, such as Nepal and Cambodia, when studying *Plateros* material.

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References

- Bocák L. & Bocáková M.** 1999. New taxa of Lycidae from Indonesia, China and Nepal (Coleoptera). *Acta Universitatis Palackianae Olomucensis, facultas rerum naturalium, biologica*, **37**: 47–56.
- Bocáková M.** 1997a. New *Melaneros*-species from the Himalayas (Coleoptera, Lycidae). *Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie)*, **564**: 1–5.
- Bocáková M.** 1997b. Revision and phylogenetic analysis of the genus *Melaneros* Fairmaire, 1877 (Coleoptera, Lycidae) from New Guinea. *Entomologica Basiliensia*, **20**: 165–222.
- Bocáková M.** 2001. Revision and phylogenetic analysis of the subfamily Platerodinae (Coleoptera: Lycidae). *European Journal of Entomology*, **98**(1): 53–85. <https://doi.org/10.14411/eje.2001.010>
- Bocáková M. & Bocák L.** 2007. Lycidae. In: **Löbl I. & Smetana A.** (Eds). *Catalogue of Palaearctic Coleoptera*, **4**: 211–224. Stenstrup: Apollo Books.
- Bourgeois J.** 1902. Deux nouvelles espèces de *Plateros* de l'Himalaya. *Bulletin du Muséum d'histoire naturelle*, **8**: 92–93.
- Kazantsev S.V.** 1991. To the knowledge of oriental Lycidae (Coleoptera). Remarks on Lycidae of Himalaya. *Entomologica Basiliensia*, **14**: 153–182.
- Kazantsev S.V.** 1993. To the knowledge of oriental Lycidae (Coleoptera). III. Notes on *Plateros* Bourgeois and *Ditoneces* C.O. Waterhouse. *Russian entomological Journal*, (1992), **1**(2): 29–31.
- Kazantsev S.V.** 2000. To the knowledge of the African subgenus *Planeteros* of the genus *Melaneros* (Coleoptera, Lycidae). *Beiträge zur Entomologie*, **50**(1): 103–118. <https://doi.org/10.21248/contrib.entomol.50.1.103-118>
- Kazantsev S.V.** 2001. New species of the genus *Melaneros* Fairmaire, 1879 from Nepal, China and the USA (Coleoptera, Lycidae). *Russian entomological Journal*, **10**(1): 13–16.
- Kazantsev S.V.** 2005. Contribution to the knowledge of the genus *Plateros* (Lycidae, Coleoptera). *Russian entomological Journal*, (2004), **13**(4): 237–244.
- Kazantsev S.V.** 2011. New and little known taxa of Platerotini, with a note on biogeography of the tribe (Lycidae, Coleoptera). *Russian entomological Journal*, **20**(2): 151–187. <https://doi.org/10.15298/rusentj.20.2.07>

- Kazantsev S.V.** 2017. New *Libnetus* Waterhouse, 1878 and *Plateros* Bourgeois, 1879 species from Indochina and southern China (Coleoptera: Lycidae). *Russian entomological Journal*, **26**(3): 241–250. <https://doi.org/10.15298/rusentj.26.3.04>
- Kazantsev S.V.** 2020. New species of *Plateros* Bourgeois from Sulawesi (Coleoptera: Lycidae). *Russian entomological Journal*, **29**(2): 161–172. <https://doi.org/10.15298/rusentj.29.2.07>
- Kazantsev S.V.** 2021a. A checklist of *Plateros* Bourgeois, 1879 of Nepal, with description of a new species (Coleoptera: Lycidae). In: **Hartmann M. & Weipert J.** (Eds). *Biodiversität und Naturlandschaft im Himalaya*, **7**: 257–261. Erfurt: Verein der Freunde & Förderer des Naturkundemuseums Erfurt e.V.
- Kazantsev S.V.** 2021b. A review of *Plateros* Bourgeois, 1879 of Indochina (Coleoptera: Lycidae). *Russian entomological Journal*, **30**(1): 47–73. <https://doi.org/10.15298/rusentj.30.1.07>
- Kazantsev S.V.** 2021c. New *Plateros* Bourgeois, 1879 from New Guinea and the Moluccas, with a checklist of species of the region (Coleoptera: Lycidae). In: **Telnov D., Barclay M.V.L. & Pauwels O.S.G.** (Eds). *Biodiversity, biogeography and nature conservation in Wallacea and New Guinea*, **4**: 245–252. Riga: The Entomological Society of Latvia.
- Kazantsev S.V. & Yang P.-S.** 1999. Taxonomic and synonymic notes on Lycidae (Coleoptera) with description of new species from Taiwan. *Chinese Journal of Entomology*, **19**: 239–247.
- Kleine R.** 1928. Neue Indische Lycidae nebst faunistischen Bemerkungen. *Indian Forest Records*, **13**(6): 221–268 + 5 tbs.
- Kleine R.** 1939. Entomological results from the Swedish expedition 1934 to Burma and British India. Coleoptera: Brentidae und Lycidae, gesammelt von Herrn Rene Malaise. *Arkiv för zoologi*, **31A**(12): 1–23.
- Nakane T.** 1983. Coleoptera of Nepal collected by the members of the Hokkaido University scientific expedition to Nepal, Himalaya: Lycidae. *Reports of the Faculty of Science Kagoshima University*, **16**: 117–123.
- Pic M.** 1919. Nouveautés diverses. *Mélanges exotico-entomologiques*, **30**: 1–21.
- Pic M.** 1928. Notes et descriptions. *Mélanges exotico-entomologiques*, **51**: 1–36.
- Waterhouse C.O.** 1879. *Illustrations of typical specimens in the collection of the British Museum. Part 1 – Lycidae*. London: Taylor and Francis. 93 p.
- Zaragoza Caballero S.** 1999. Cantharoidea (Coleoptera) de México. III. El género *Plateros* Bourgeois (Lycidae: Erotinae: Platerodini). *Acta zoológica Mexicana (nueva serie)*, **78**: 1–71. <https://doi.org/10.21829/azm.1999.78781917>

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