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Several other species of *Lithosiini* (Erebidae, Arctiinae) found on mainland Malaysia

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Abstract

Several other species of *Lithosiini* (Erebidae, Arctiinae) were found on mainland Malaysia: one new species *Nishada temenggora* BUCSEK nov.sp., and three species recorded for the first time in before mentioned region: *Macrobrochis fukiensis* (DANIEL, 1952), *Teulisna mithunoides* ČERNÝ, 2009 and *Baroa horaki* ČERNÝ, 2009.

Key words: New records, Lithosiini, Malaysia, new species.

Zusammenfassung

Weitere Arten der Lithosiini (Erebidae, Arctiinae) werden vom Festland in Malaysia nachgewiesen: *Nishada temenggora* BUCSEK nov.sp., und drei weitere Arten als Erstnachweis für diese Region: *Macrobrochis fukiensis* (DANIEL, 1952), *Teulisna mithunoides* ČERNÝ, 2009 und *Baroa horaki* ČERNÝ, 2009.

Systematic section

***Macrobrochis* HERRICH-SCHÄFFER, [1855]**

Type species: *Macrobrochis interstitialis* HERRICH-SCHÄFFER, 1856
(*=gigas* WALKER, 1854) (India).

***Macrobrochis fukiensis* (DANIEL, 1952) (plate 1: 1)**

Paraona fukiensis DANIEL, 1953 Bonn. zool. Beitr. 3 (3-4): 319, (1-2): pl. f. 56.

Macrobrochis fukiensis DANIEL: FANG 2000, Fauna Sin., Ins. 19, Lep., Arctiidae: 191, pl. 9: 23.

Macrobrochis fukiensis DANIEL: CERNÝ & PINRATANA 2009, Moths of Thailand, vol. 6: 121, pl. 24: 243.

Wingspan: ♂ 45 - 55 mm, ♀ 50 - 55 mm.

Type locality: China-Fujian.

Geographical range: China, Vietnam, Thailand, Peninsular Malaysia.

Occurrence in Malaysia: Perak distr., Belum-Temenggor.

Habitat preference in Malaysia: Observed at higher altitudes about 1100 m.

***Teulisna* WALKER, 1862**

Type species: *Teulisna plagiata* WALKER, 1862 (Borneo).

***Teulisna mithunoides* ČERNÝ, 2009 (plate 1: 2, plate 2: 1)**

Teulisna mithunoides ČERNÝ: CERNÝ & PINRATANA 2009, Moths of Thailand, vol. 6: 135, pl. 27: 271.

Wingspan: ♂ 18 mm, ♀ 20 mm.

Type locality: SW Thailand-Chumphon.

Geographical range: Thailand, Cambodia, Peninsular Malaysia.

Occurrence in Malaysia: Perak distr., Belum-Temenggor.

Habitat preference in Malaysia: Observed at higher altitudes about 1100 m.

***Nishada* MOORE, 1878**

Type species: *Nishada flabrigera* MOORE, 1878 (Calcutta District).

***Nishada temenggora* BUCSEK nov.sp. (plate 1: 3, 3a, plate 2: 2, 3)**

Holo type: ♂ Malaysia, Perak, 50 km NE Gerik (aerial path), Belum-Temenggor, Titiwangsa, 5° 36' 17,4" N, 101° 32' 34" E, 30. iii – 13. iv. 2015, alt. 1100 m, E. Jendek & O. Šauša leg., MWM.
Paratypes: 7 ♂♂, 5 ♀♀ like holotype, CKB.

Wingspan: ♂ 23 - 27 mm, ♀ 25 - 29 mm.

Holotype: ♂ 27 mm, antennae are filiform, head and thorax brown, tegulae ocher, abdomen at thorax ocher and straw yellow in the second part. Forewings are ocher-brown from the lower side on termen by apex is located brown semi-lunar spot. The shape of the front wings is typical of the males from genus *Nishada*. Hindwings are pale straw yellow.

Valvae are bent, from half part narrowed, on costal margin covered by striking pubescence. Saccular processus is very significant, strongly bent into an arch, its last quarter is slightly curved inside, terminated by sharp spike.

Female: same as male, the shape of the front wings is typical of the female for genus *Nishada*. Genitalia are without major characteristics but in corpus bursae are two significant marks.

Similar species: *Nishada cameronensis* BUCSEK, 2012 - *Nishada temenggora* nov.sp. is slightly smaller and has a shorter and thicker uncus, saccular processus is in the last quarter (towards the tip) slightly bent inside (*N. cameronensis* does not have the bending), juxta is also different.

Habitat preference in Malaysia: Observed at higher altitudes about 1100 m.

***Baroa* MOORE, 1878**

Type species: *Cycnia punctivaga* WALKER, 1855 (Java).

***Baroa horaki* ČERNÝ, 2009 (plate 1: 4)**

Baroa horaki ČERNÝ: CERNÝ & PINRATANA 2009, Moths of Thailand, vol.6: 160, pl. 33: 326.

Wingspan: ♀ 30 mm.

Type locality: South Thailand-Betong.

Geographical range: Thailand, Peninsular Malaysia.

Occurrence in Malaysia: Perak distr., Belum-Temenggor.

Habitat preference in Malaysia: Observed in the lowland forest about 350 m.

References

- BUCSEK K. (2012): Erebidae, Arctiinae (Lithosiini, Arctiini) of Malay Peninsula – Malaysia.
– 170 pp., 23+26+2 pls., Bratislava.
- BUCSEK K. (2014): Erebidae, Arctiinae (Lithosiini, Arctiini) of Malay Peninsula – Malaysia.
– Supplementum, 44 p., 5+7 pls., Bratislava.
- CERNY K. & A. PINRATANA (2009): An introduction to the tiger moths of Thailand. – Volume 6,
227 pp., 52 pls., Bangkok.
- ECKE van R. (1930): De Heterocera van Sumatra. – Zoologische Mededeelingen 1925-1929;
republished by E. J. Brill in one volume 1930: 67-218.
- FANG C. (2000): Lepidoptera, Arctiidae. – Fauna sinica, Insecta Vol. 19, Beijing: 589 pp.
- HOLLOWAY J.D. (2001): The Moths of Borneo. – Vol. 7., Kuala Lumpur: 207 pp.
- SNELLEN P.C.T. [1886-92] (1880): Lepidoptera. – In VETH, P. J.: Midden-Sumatra 4 (8). Am-
sterdam, 92 pp., 5 pl. (pp. 1-84, pl. 1, 2 [1886], pp. 85-92, pl. 3-5 [1892]).
- WALKER F. (1862): Catalogue of the Heterocerous Lepidopterous Insects collected at Sarawak,
in Borneo, by Mr. A. R. WALLACE, with descriptions of new species. – Journal of the
Proceedings of the Linnean Society. Zoology 6: 82-198.

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plate 1

1. *Macrobrochis fukiensis* (Daniel, 1952) ♂, Malaysia, Perak, 50 km NE Gerik (aerial path), Belum-Temenggor, Titiwangsa, 5° 36' 17,4" N, 101° 32' 34" E, 30. iii – 13. iv. 2015, alt. 1100 m, E. Jendek & O. Šauša leg.
2. *Teulisa mithunoides* (Cerny, 2009) ♀, Malaysia, Perak, 50 km NE Gerik (aerial path), Belum-Temenggor, Titiwangsa, 5° 36' 17,4" N, 101° 32' 34" E, 30. iii – 13. iv. 2015, alt. 1100 m, E. Jendek & O. Šauša leg.
3. *Nishada temenggora* nov.sp. ♂, Malaysia, Perak, 50 km NE Gerik (aerial path), Belum-Temenggor, Titiwangsa, 5° 36' 17,4" N, 101° 32' 34" E, 30. iii – 13. iv. 2015, alt. 1100 m, E. Jendek & O. Šauša leg. (paratype)
- 3a. *Nishada temenggora* nov.sp. ♀, Malaysia, Perak, 50 km NE Gerik (aerial path), Belum-Temenggor, Titiwangsa, 5° 36' 17,4" N, 101° 32' 34" E, 30. iii – 13. iv. 2015, alt. 1100 m, E. Jendek & O. Šauša leg. (paratype)
4. *Baroa horaki* (Cerny, 2009) ♀, Malaysia, Perak, 33 km NE Gerik (aerial path), «elephant trail», Belum-Temenggor, Titiwangsa, 5° 34' 42" N, 101° 22' 44" E, 2. iv. – 13. iv. 2015, alt. 350 m, E. Jendek & O. Šauša leg.

plate 1

lifesize x 2,5



1. *Macrobrochis fukiensis* ♂



2. *Teulisna mithunoides* ♀



3. *Nishada temenggora* ♂



3a. *Nishada temenggora* ♀



4. *Baroa horaki* ♀

plate 2

- 1.** *Teulisna mithunoides* (Cerny, 2009) ♀, Malaysia, Perak, 50 km NE Gerik (aerial path), Belum-Temenggor, Titiwangsa, 5° 36' 17,4" N, 101° 32' 34" E, 30. iii – 13. iv. 2015, alt. 1100 m, E. Jendek & O. Šauša leg.
- 2, 3.** *Nishada temenggora* nov.sp. ♂, ♀ Malaysia, Perak, 50 km NE Gerik (aerial path), Belum-Temenggor, Titiwangsa, 5° 36' 17,4" N, 101° 32' 34" E, 30. iii – 13. iv. 2015, alt. 1100 m, E. Jendek & O. Šauša leg.

plate 2



1. *Teulisna mithunoides* ♀



2, 3. *Nishada temenggora* ♂, ♀

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