

## A new subspecies of *Poritia plateni* STAUDINGER, 1889 (Lepidoptera: Lycaenidae: Poritiinae) from Belitung Island, Indonesia

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**Abstract:** A new subspecies, *Poritia plateni simoni* ssp. n., is described from Belitung Island, Indonesia.

**Eine neue Unterart von *Poritia plateni* STAUDINGER, 1889 (Lepidoptera: Lycaenidae: Poritiinae) von der Insel Belitung, Indonesien**

**Zusammenfassung:** Eine neue Unterart, *Poritia plateni simoni* ssp. n., wird von der Insel Belitung, Indonesien, beschrieben.

### Introduction

The genus *Poritia* was first described by MOORE (1866) with the type species *Poritia hewitsoni* MOORE, 1866, see MOORE (1866: 755). CORBET et al. (1978) and D'ABRERA (1986) listed 12 species belonging to this genus, and currently, there are approximately 15 known species distributed from Northeast India to Sundaland and towards the Philippines and Sulawesi. *Poritia plateni* STAUDINGER, 1889 (Fig. 3) was described by STAUDINGER (1889: 104) from a type specimen collected in Palawan, which occurs also in Sumatra and Borneo, but there has been no subspecies described. PINRATANA (1981) listed and illustrated *Poritia plateni* from Peninsular Thailand but it is likely that the specimen is *Poritia karennia* EVANS, 1921, as D'ABRERA (1986) mentioned. D'ABRERA also commented that the

populations of *Poritia plateni* from Sumatra, Borneo, and Palawan may represent different subspecies, while SEKI et al. (1991) also recommended that further examination of the population of this species should be done.

This paper describes a new subspecies of *Poritia plateni* (STAUDINGER, 1889) from Belitung Island, Indonesia.

### *Poritia plateni simoni* ssp. n.

(Figs. 1, 2, 4.)

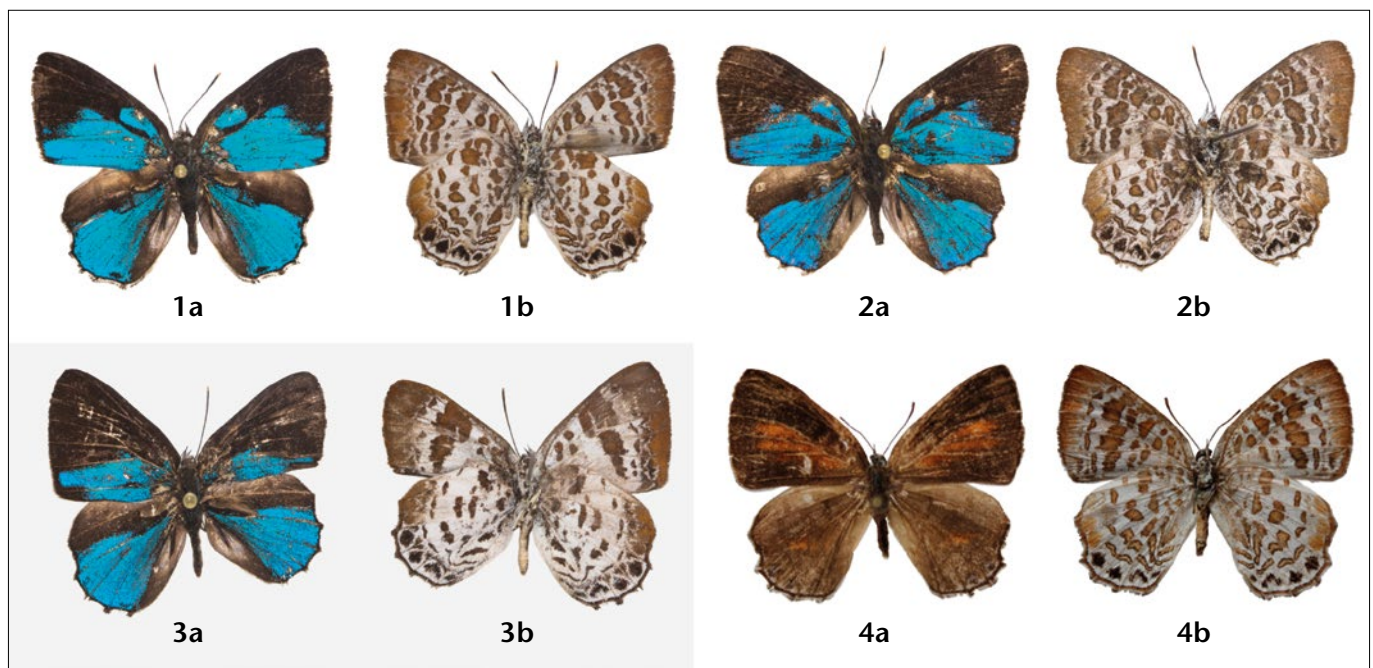
**Holotype** ♂: Indonesia, Belitung, vii. 2002, leg. Mark J. SIMON, Allyn Museum Acc. 2003-9, deposited in the McGuire Center for Lepidoptera and Biodiversity, Gainesville (MCLB).

**Paratypes** (in total 3 ♂♂, 1 ♀): Same locality as the holotype. ♂, iv. 1996, leg. Mark J. SIMON. ♂, vii. 2002. ♂, v. 1988. ♀, viii. 2004, leg. local collector.

**Etymology:** The subspecies is named after the collector of the holotype specimen, Mark J. SIMON.

### Diagnosis and identification

**Male.** Forewing length 14.5–15.0 mm (n = 4). The upper-side of ssp. *simoni* is similar with the nominate subspecies *plateni*, but the metallic greenish to bluish marking occupies half of the forewing (from dorsum and tornal regions and narrowing towards cell space 3 as a smeared spot). There is a conspicuous narrow metallic green-



**Fig. 1:** *Poritia plateni simoni* ssp. n. holotype ♂, Belitung Island, Indonesia, MCLB; **1a:** upperside; **1b:** underside. **Fig. 2:** *Poritia plateni simoni* ssp. n. paratype ♂, Belitung Island, Indonesia, MCLB; **2a:** upperside; **2b:** underside. **Fig. 3:** *Poritia plateni plateni* STAUDINGER 1889, ♂, Palawan Island, Philippines, MCLB; **3a:** upperside; **3b:** underside. **Fig. 4:** *Poritia plateni simoni* ssp. n. paratype ♀, Belitung Island, Indonesia, SEKI coll., Tokyo; **4a:** upperside; **4b:** underside.

ish to bluish band almost occupying the forewing cell. The underside more irregular and paler reddish-brown markings.

**Female.** Forewing length, 16.0 mm (n = 1). Orange markings of the upperside are much reduced. The forewing orange area is restricted to around discal area and on the hindwing, there is only a hint of orange in space 3. The underside is similar to that of male.

**Habitat:** Almost all species in the genus *Poritia* are rare (with limited knowledge on their life histories) and prefer lowland to high elevation (5000 feet = 1524 m) forested habitats. They are sunshine lovers and settling on a leaf of sunny tree. According to the observation of the junior author in Borneo, the habitat specifically for *Poritia plateni* is just the same as for other *Poritia* species.

**Hostplant:** Currently unknown, but *Poritia erycinoides* (C. & R. FELDER, 1865) feeds on *Castanea argentea* (Fagaceae).

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### References

- D'ABRERA, B. (1986): Butterflies of the Oriental Region. Part III. Lycaenidae & Riodinidae. – Victoria, Australia (Hill House), 672 pp.
- CORBET, A. S., PENDLEBURY, H. M., & ELIOT, J. N. (1978): The butterflies of the Malay Peninsula. Third edition. – Kuala Lumpur (Malayan Nature Society), 597 pp.
- MOORE, F. (1866 [“1865”]): 12. On the lepidopterous insects of Bengal. – Proceedings of the Zoological Society of London, London, 1865: 755–823, pls. XLI–XLII.
- PINRATANA, A. (1981): Butterflies in Thailand. Vol. IV. Lycaenidae. – Bangkok (Viratham Pr.), 216 pp.
- SEKI, Y., TAKANAMI, Y., & MARUYAMA, K. (1991): Butterflies of Borneo (edited by K. OTSUKA). Vol. 2. Lycaenidae, Hesperidae. First Edition. – Tokyo (Tobishima), 113 pp.
- STAUDINGER, O. (1889): Lepidoptera der Insel Palawan. – Deutsche Entomologische Zeitschrift Iris, Dresden, 2 (1): 3–180, pls. I–II.

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