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## A new species of *Canon* Solovyev, 2014 (Lepidoptera: Limacodidae) from Thailand

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*Canon* Solovyev is a small genus belonging to the Parasa-complex of Limacodidae. It is distributed from northern India to the Malayan Peninsula. The genus previously included two species: *C. punica* (Herrich-Schäffer) from the Indian region and *C. eos* Solovyev from Nepal. *Canon punica* is recorded from China (Yunnan), northern Thailand and Malaysia, but specimens from northern Thailand and probably those from China (Yunnan) represent a new species that is described herein: *C. sripanae* Pellinen and Solovyev, new species. Externally, *C. sripanae* is similar to other *Canon* species, but it differs from *punica* and *eos* in hindwing color and male genitalia. The moths studied were collected at UV and mixed lights. Genitalia of the male holotype and a male and female paratypes are figured. Nomenclature of this study is based on Solovyev (2014).

### Abbreviations

CAP—collection of Bro. Amnuay Pinratana, Bangkok, Thailand

MWM—Museum Witt Munich, Germany

MJP—collection of Markku Pellinen, Hämeenlinna, Finland

### *Canon sripanae* Pellinen & Solovyev, sp. n.

(Figs. 1, 2, 3, 7, 8, 9, 12, 15)

**Type material. Holotype:** male (Fig. 1) Thailand, Prov. Lampang, Lampang, Muban Phichai, N 18°18,15', E 99°31,06', 07.10.2011, 240 m leg. M. Pellinen, (Slide no MJP 489) in MJP, to be deposited in a public institution.

**Paratypes:** 6 males, same locality as holotype, but 21.10.2011, 12.10.2012, 18.10.2012, 19.10.2012, 10.10.2014 and 15.10.2014. 3 males, Prov. Lampang, Chae Hom, N 18°43,19', E 99°33,11', 17.10.2014 (Slide no MJP 543) and 18.10.2014 (Fig. 2) leg. M. Pellinen, in MJP. One male, Prov. Chiangmai, Doi Inthanon, 20.08.2004 (slide no GU-06-003), and one female, same locality, but 19.09.1998 (Fig. 3) (slide no GU-06-004), in CAP.

**Diagnosis.** All known members of the genus *Canon* are externally very similar. *Canon sripanae* is distinguished most easily from its congeners by hindwing color, which in both sexes of *C. sripanae* is almost entirely light dirty yellow without brown shading basally and along the veins. The females of the two other *Canon* species are unknown. The male genitalia of *C. sripanae* differ from those of *C. punica* by the S-shaped dorsal processes of the juxta, which in *C. sripanae* are medium long, apically not curved, and evenly narrowed. The juxta of *C. punica* has shorter dorsal processes that are sharply curved apically. The juxta processes in *C. eos* are longer than the valva and distinctly narrowed apically. The valvae of *C. sripanae* are not as broad as those of *punica* and lack a distinct prominence distally. The valva in *C. eos* is almost triangular with a sharper apex than that of *sripanae*.

**Description.** (Figs. 1–3). Head: Vertex green; antenna in male broadly bipectinate in basal one third; filiform throughout in female. Thorax: Green dorsally. Forewing length 13–14 mm in males and ca. 17 mm in females; forewing ground color green with bluish shade in postmedial area (as in all *Canon* species), basal area brown, outer margin outlined with dark scales and two notches; terminal line and fringes brown and dentate inwards. Hindwing light brownish yellow with faint brown shade along veins and brown terminal line and fringes. Abdomen: Brown. Male genitalia (Figs. 7–8) with uncus robust, broad, flat and sclerotised apically, with a small notch; gnathos large, curved