

## A new species of the genus *Sundacossus* YAKOVLEV, 2006

by

ROMAN V. YAKOVLEV

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**Abstract:** *Sundacossus gauguini* spec. nov. is described from Indonesia, East Sumba Island.

Earlier I described the genus *Sundacossus* YAKOVLEV, 2006 from *Sundacossus timur* YAKOVLEV, 2006 on Flores Island (YAKOVLEV, 2006). Up until now the genus has been considered monotypical. In new material from Indonesia obtained by the THOMAS WITT Museum (MWM), a ♂ was found which belongs to the genus *Sundacossus* but which represents a new species. Its description is given below.

*Sundacossus gauguini* spec. nov. (col. pl.25A: 1, figs 1–2)

Material: Holotype ♂, Indonesia, East Sumba, Luku Meloto N.P., 550 m, 29.06.-15.07.2005, leg. ST. JAKL (MWM).

Description: Fore wing length 23 mm, wing expanse 40 mm. Thorax and abdomen covered with dense brown scales. Antenna unipectinate. Fore wing with a pointed apex. The basal area is grey. There is a dark-brown postdiscal band and the postdiscal area exhibits a reticulated pattern. Fringe chequered, grey at the veins and light in between. Hind wing dark-grey, almost black basally, lighter at its periphery, with a hardly noticeable reticulated pattern; fringe evenly grey. Male genitalia of the structure typical for the genus. Uncus triangular with a sclerotised apex; tegumen small, not wider than the base of the uncus. Gnathos arms short and thick, gnathos small, covered with spinules. Valva broad, with a small processus on the costal margin and membranous distal end. Arms of transtilla much reduced and represented by small membranous triangular processes. Juxta with very long with thick lateral processes strongly sclerotised apically, saccus small, extended behind. Aedeagus short and thick, straight, with two small pointed processes at the distal end; the vesica opening occupies a dorso-apica position and is about a third of the length of the aedeagus; vesica with two tooth-like cornuti. ♀ unknown.

Etymology: The new species is named in honor of the great French artist PAUL GAUGUIN who praised Polynesian nature.

Thus the genus range is extended, to embrace not only Flores Island but also Sumba Island to the south. It is probable that further collections from Indonesia will extend it to the entire Sunda Islands.

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### References

YAKOVLEV, R. V. (2006): New Cossidae (Lepidoptera) from Asia, Africa and Macronesia. – *Tinea* 19 (3): 188–213, Tokyo.

Address of the author

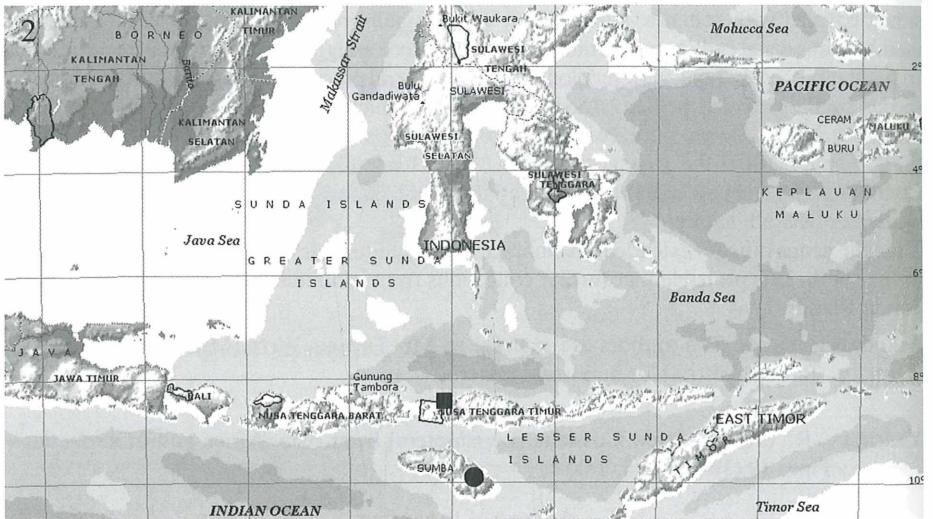
ROMAN V. YAKOVLEV

Chkalova 57–81, Barnaul, 656049, Russia, E-mail: cossus\_cossus@mail.ru

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1. Genitalia of *Sundacossus gauguini* spec. nov.



2. Distribution of Genus *Sundacossus* YAKOVLEV, 2006 (● *Sundacossus gauguini* spec. nov.; ■ *Sundacossus timur* YAKOVLEV, 2006)

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