

## NOTA BREU

**The true identity of *Amphitectus austriacus* (Tavares, 1928): junior synonym of *Amphitectus opacus* (Thomson, 1862) n. comb.****La veritable identitat d'*Amphitectus austriacus* (Tavares, 1928): nova sinonímia d'*Amphitectus opacus* (Thomson, 1862) n. comb.**Noel Mata-Casanova<sup>\*</sup>, Jesús Selfa<sup>\*\*</sup>, & Juli Pujade-Villar<sup>\*</sup>

<sup>\*</sup> Universitat de Barcelona. Facultat de Biologia. Departament de Biologia Evolutiva, Ecologia i Ciències Ambientals (Secció invertebrats). Diagonal, 643. 08028 Barcelona (Catalonia). A/e: feofitotu@gmail.com; jpujade@ub.edu

<sup>\*\*</sup> Universitat de València. Facultat de Ciències Biològiques. Departament de Zoologia. Campus de Burjassot-Paterna. Dr. Moliner, 50. 46100 Burjassot (València). Spain. A/e: jesus.selfa@uv.es

Corresponding author: Noel Mata-Casanova. A/e: feofitotu@gmail.com

Rebut: 17.08.2018. Acceptat: 10.09.2018. Publicat: 30.09.2018

The Figitinae genera *Amphitectus* and *Sarothrus* were erected by Hartig (1840). He separated both genera on the evidence of the heavily compressed metasoma present in *Amphitectus*. For *Amphitectus*, only one species was described: *A. dahlbomi* Hartig, 1840, whereas three species were described for *Sarothrus*: *S. areolatus* Hartig, 1840, *S. canaliculatus* Hartig, 1840 and *S. laevigatus* Hartig, 1840.

The status of both genera and its species were troublesome for a long time. Reinhard (1860) synonymized *Amphitectus dahlbomi* Hartig, 1840 with *Sarothrus areolatus* Hartig, 1840, establishing the precedence of *Sarothrus* over *Amphitectus*, the latter being a junior synonym of the former. Kieffer (1902), Dalla-Torre & Kieffer (1910), Weld (1952) and Fergusson (1986) maintained *Amphitectus* as a synonym of *Sarothrus*. However, Ronquist (1999) listed *Amphitectus* as a valid genus without any further comments, and this was followed in subsequent works (Buffington *et al.*, 2007; Paretas-Martínez *et al.*, 2012). The situation was finally fixed by Paretas-Martínez and Pujade-Villar (2013) when *Amphitectus* was formally considered a valid genus, distinct from *Sarothrus* and other genera of Figitinae by its large and laterally compressed metasoma, and comprised two species: *A. areolatus* (Hartig, 1840) and *A. coriaceus* Paretas-Martínez & Pujade-Villar, 2013. Recently, Forshage & Norlander (2018) synonymized *Seitneria* Tavares, 1928 with *Amphitectus*, and established *A. coriaceus* as junior synonym of *A. austriacus* (Tavares, 1928).

Paretas-Martínez & Pujade-Villar (2013) and Forshage & Norlander (2018) did not take into consideration in their discussions a species of *Sarothrus* described by Thomson (1862): *S. opacus*. This species has a complex taxonomic history. In Thomson (1862), *Sarothrus opacus* is described, and renamed *Scytodes opacus* Hartig, 1840 as *Amblynotus opacus* (Hartig, 1840). Kieffer (1903) later moved *Sarothrus opacus* Thomson to genus *Amblynotus*, most probably due to its coriaceous sculpture on mesosoma and head. This created

a homonymy between *Amblynotus opacus* (Hartig, 1840) and *Amblynotus opacus* (Thomson, 1862), which Kieffer solved by renaming *Amblynotus opacus* (Thomson, 1862) as *A. microcerus* Kieffer, 1903.

Fergusson (1986) established *Amblynotus* Hartig, 1840 as a junior synonym of *Melanips* Walker, 1835, thus establishing *M. microcerus* (Kieffer, 1903). In the discussion on Figitinae, Fergusson (1986) made a mistake when referring to *Sarothrus opacus* Thomson, 1862 as a misidentification of *Sarothrus opacus* Hartig, 1840 – an invalid name because the Hartig species never has been included in *Sarothrus*.

When examining the type material of *Melanips microcerus* (Kieffer, 1903), we realized it has the heavily compressed and elongated metasoma (Fig. 1a) with projecting hypopygium (Fig. 1b) characteristic for genus *Amphitectus*. This leads us to consider *Sarothrus opacus* Thomson, 1862 as belonging to genus *Amphitectus*, *A. opacus* (Thomson) n. comb. It also lead us to re-establish *Amphitectus opacus* (Thomson) as a valid name, no longer a homonym, and to synonymize *Amblynotus microcerus* Kieffer, 1903 with *A. opacus* (Thomson, 1862). Furthermore, *A. opacus* n. comb. has coriaceous sculpture on the whole head and mesosoma (Figs. 1a, 1b, 1c), unlike *A. areolatus* (Hartig, 1840), the other species in this genus. This character are also mentioned in the description *A. coriaceus* Paretas-Martínez & Pujade-Villar, 2013 and was considered important enough to describe this species, and was also mentioned by Forshage & Norlander when establishing *A. coriaceus* as junior synonym of *A. austriacus* (Tavares, 1928). Other characters considered were completely defined and deep notauli and an elongate interfoveal carina, extending along half of scutellum (Paretas-Martínez & Pujade-Villar, 2013). All these characters are also present in Thomson's type specimen of *Sarothrus opacus*. Therefore we consider *A. austriacus* (Tavares, 1928) as a junior synonym of *A. opacus* (Thomson, 1862).

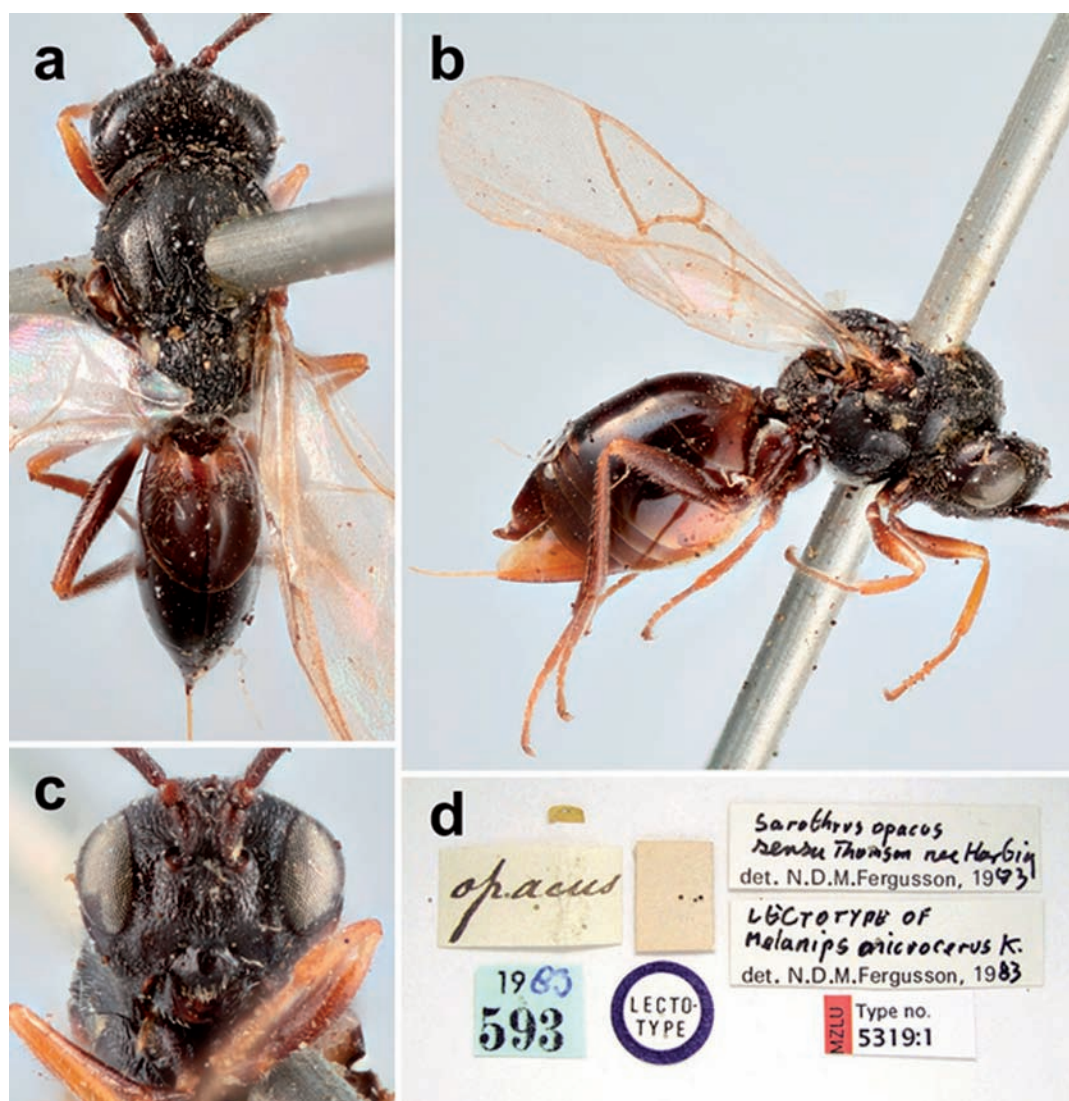


Figure 1. *Amphithectus opacus*: a) dorsal view; b) habitus; c) head in front view; d) labels.

### List of synonymies of *Amphithectus opacus* (Thomson, 1862) n. comb.

*Sarothrhus opacus* Thomson, 1862 [non *Scytodes opacus* Hartig, 1840]

*Amblynotus opacus* (Thomson, 1862) Kieffer, 1903

*Amblynotus microcerus* Kieffer, 1903 [n. n. to *Sarothrhus opacus* Thomson] **n. syn.**

*Melanips microcerus* (Kieffer, 1903) Fergusson, 1986

*Setineria austriaca* Tavares, 1928

*Amphithectus austriacus* (Tavares, 1928) Forshage & Norlander, 2018 **n. syn.**

*Amphithectus coriaceus* Paretas-Martínez & Pujade-Villar, 2013 [synonymized with *A. austriacus* in Forshage & Norlander (2018)]

In summary, the genus *Amphithectus* include two species: *A. areolatus* Hartig and *A. opacus* (Thomson). These species can be recognized according to the sculpture of head and

mesosoma, and the aspect and extension of notauli and interfoveal carina. In *A. areolatus*, head and mesosoma are shiny, without obvious microsculpture; sometimes oriateous microsculpture may be present but it is weak; notauli are deep but usually incomplete, without internal sculpture, and interfoveal line is absent. On the other hand, *A. opacus* presents strong coriaceous sculpture covering whole head and mesosoma; notauli are deep and complete, with linear element inside and interfoveal line is present and long, extended till half scutellum.

### Acknowledgements

Thanks are due to Christer Hansson and Christoffer Fägerström (Lund University, Lund, Sweden) for their advice and help in solving the taxonomic issues related with Thomson collection specimens during the first author visit at Lund University.

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