



Studies on the genus *Phasmotaenia* Navás, 1907, with the descriptions of five new species from the Solomon Islands, a revised key to the species and notes on its geographic distribution (Phasmatoidea: “Anareolatae”: Phasmatidae s. l.: Stephanacridini)

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Table of contents

Abstract	1
Introduction	2
Phasmotaenia Navás, 1907	3
Keys to the species of <i>Phasmotaenia</i> Navás, 1907	7
<i>Phasmotaenia australe</i> (Günther, 1933) rev. stat.	8
<i>Phasmotaenia bukaense</i> n. sp.	15
<i>Phasmotaenia godeffroyi</i> (Redtenbacher, 1908) n. comb.	17
<i>Phasmotaenia guentheri</i> n. sp.	18
<i>Phasmotaenia inermis</i> (Redtenbacher, 1908) n. comb.	22
<i>Phasmotaenia laeviceps</i> (Hennemann & Conle, 2006) n. comb.	22
<i>Phasmotaenia lanyuhensis</i> Huang & Brock, 2001	23
<i>Phasmotaenia salomonense</i> n. sp.	23
<i>Phasmotaenia sanchezi</i> (Bolívar, 1897)	26
<i>Phasmotaenia spinosa</i> n. sp.	29
<i>Phasmotaenia virgea</i> n. sp.	34
<i>Phasmotaenia</i> sp. I	39
<i>Phasmotaenia</i> sp. II	40
Notes on the geographic distribution of <i>Phasmotaenia</i> Navás, 1907	41
Acknowledgements	44
References	44

Abstract

The genus *Phasmotaenia* Navás, 1907 (type-species: *Taeniosoma sanchezi* Bolívar, 1897) is currently known only from the Philippine Islands and Taiwan, but here shown to extend eastwards as far as to the Solomon Islands, Northern New Guinea and even Fiji. A taxonomic review of the genus, and updated keys to the species are presented.

The type-species of *Phasmotaenia* Navás, 1907, *P. sanchezi* (Bolívar, 1897) from Luzon, Philippines is shown to have been misinterpreted by previous authors. This has resulted in the description of the here revealed junior synonym *Phasmotaenia elongata* Zompro & Eusebio, 2000 (**n. syn.**). A survey of the intraspecific variation of *P. sanchezi* (Bolívar, 1897) is provided along with illustrations of the holotype. *Phasmotaenia australe* (Günther, 1933) from the Solomon Islands is removed from synonymy with *Phasmotaenia godeffroyi* (Redtenbacher, 1908) **n. comb.** from Micronesia and shown to be a distinct and valid species (**rev. stat.**). Both species are transferred to *Phasmotaenia* Navás, 1907. Examination of the paratypes of *P. australe* (Günther, 1933) has revealed these to represent two different species distinct from the holotype, one of which is described as new herein (*P. guentheri* **n. sp.**). The male of *P. australe* is