



Article

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A new species of *Leofa* (*Prasutagus*) Distant (Hemiptera: Cicadellidae: Deltocephalinae: Chiasmini) from Thailand with a checklist of *Leofa*

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Abstract

Leofa (*Prasutagus*) *pulla* **sp. n.**, is described and illustrated from Thailand. This represents the first record of the genus *Leofa* Distant from Thailand. A key to known species of the subgenus *Prasutagus* Distant is provided. A checklist of the genus is provided.

Key words: Auchenorrhyncha, taxonomy, distribution, morphology

Introduction

The grassland leafhopper genus *Leofa* was established by Distant (1918) with the type species *Leofa mysorensis* Distant, 1918 from India. Zahniser (2008) transferred this genus from *Stenometopiini* to *Chiasmini*, synonymised *Oneratulus* Vilbaste, 1975, *Prasutagus* Distant, 1918, and *Tortotettix* Theron, 1982 with *Leofa*, redescribed the genus, and divided the genus into four subgenera: the nominotypical subgenus, *Prasutagus*, *Tortotettix*, and *Edmundiana* Zahniser, 2008. The genus can be distinguished from other genus of *Chiasmini* by the combination of the following characters: forewing brachypterous to submacropterous, ocellus close to eye, pygofer without modified or thickened setae, and connective V-shaped and without stem or with very short stem.

The grassland leafhopper genus *Prasutagus* was established by Distant (1918) for *Prasutagus pulchellus* Distant, 1918 from India. Zahniser (2008) considered *Prasutagus* a subgenus of *Leofa* and described one new species, *L. (P.) palearctica* Zahniser, 2008, also including the type species of *Oneratulus*, *L. curtulus* (Motschulsky, 1863) from Sri Lanka, in this subgenus. In a recent review of the leafhopper subgenus *Leofa* (*Prasutagus*), Duan *et al.* (2009) recorded five species, including the newly describe species *L. (P.) forcipata* Duan & Zhang, 2009 and *L. (P.) yangae* Duan & Zhang, 2009, and provided a key for their separation. Members of the subgenus *Leofa* (*Prasutagus*) are distinguished from other species of *Leofa* by the slightly shortened forewing (submacropterous) with a white stripe on the clavus and the pygofer side with a large inner process arising from the base of the upper lobe that extends to the apex of the pygofer.

In the present paper, a new species of *Leofa* (*Prasutagus*) is described from Loei Province, Thailand, representing the first record of the genus from that country. A revised key to the species of *Prasutagus* subgenus is presented, and a checklist of the genus is provided. Type material of the new species is deposited in the Queen Sirikit Botanical Garden, Chiang Mai, Thailand (QSBG). Morphological terminology follows Zhang (1990).

Additional collection codes for the species checklist are as follows:

CASC USA, California, San Francisco, California Academy of Sciences.
INHS USA, Illinois, Champaign, Illinois Natural History Survey.