

# Two new species of *Hemisphaerius* from Vietnam (Hemiptera, Fulgoromorpha, Issidae)

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**Abstract.**– Two new species of *Hemisphaerius* Schaum, 1850 (Hemiptera: Fulgoromorpha: Issidae) are described from Southern Vietnam: *H. cattienensis* and *H. hippocrepis*. The male genitalia are illustrated and photos of habitus, distribution map and biological data are provided.

**Résumé.**– Deux nouvelles espèces nouvelles d'*Hemisphaerius* Schaum, 1850 (Hemiptera, Fulgoromorpha, Issidae) sont décrites du sud du Vietnam. Les genitalia mâles sont illustrés et des photos d'habitus, une carte de distribution et des données biologiques sont fournis.

**Keywords.**– Fulgoroidea, Oriental region.

## Introduction

Four species of the Issidae genus *Hemisphaerius* Schaum, 1850 are presently reported from Vietnam: *H. bipunctatus* Melichar, 1906, *H. lygaeus* Melichar, 1906, *H. lysanias* Fennah, 1978 and *H. palaemon* Fennah, 1978. Among the Issidae collected by the second author, two species from South Vietnam appear to be undescribed. This paper deals with the description of those species.

## Materials and methods

The dissection of the genitalia was done after boiling the abdomen for about one hour in a 10% solution of potassium hydroxide (KOH). The pygofer was then separated from the abdomen and the aedeagus extracted using thin forceps and a needle blade. Contrasting with alcoholic solution of Chlorazol Black was done when necessary. The whole was then placed in glycerin under the specimen. The genitalia of all the males have been checked. Hind wings have been mounted for a number of specimens: they have been glued on transparent plastic rectangles with water-soluble Hoyer's liquid.