



## Contribution to the knowledge of the genus *Acrophyma* Bergroth, 1917 (Hemiptera: Heteroptera: Acanthosomatidae)

EDUARDO I. FAÚNDEZ

Entomon Group, Entomology Laboratory, Instituto de la Patagonia, Universidad de Magallanes. P.O. Box 113-D Punta Arenas, Chile.  
E-mail: ed.fandez@gmail.com

### Abstract

*Acrophyma cumingii* (Westwood, 1837) *n. comb.* is revalidated and redescribed, the new synonymy *A. cumingii* = *A. impluviata* (Blanchard, 1852) is proposed; also given are new Chilean records and the first host plant information on *Nothofagus dombeyi* (Mirb.) Oerst. (Nothofagaceae) for *A. cumingii*, a new Brazilian record for *A. bicallosa* (Stål, 1872), and a species-list and key of the genus *Acrophyma* Bergroth, 1917.

**Key words:** Hemiptera, Heteroptera, Acanthosomatidae, *Acrophyma*, *Nothofagus dombeyi*, new synonymy, new records, species list, key, Argentina, Brazil, Chile

### Resumen

Se revalida y redescribe *Acrophyma cumingii* (Westwood, 1837) *n. comb.*, se propone la nueva sinonimia *A. cumingii* = *A. impluviata* (Blanchard, 1852); se presentan nuevos registros Chilenos y el primer registro de una planta hospedadora *Nothofagus dombeyi* (Mirb.) Oerst. (Nothofagaceae) para *A. cumingii*, un nuevo registro Brasileño para *A. bicallosa* (Stål, 1872), una lista y clave para las especies de *Acrophyma* Bergroth, 1917.

**Palabras clave:** Hemiptera, Heteroptera, Acanthosomatidae, *Acrophyma*, *Nothofagus dombeyi*, nueva sinonimia, nueva combinación, nuevos registros, lista de especies, clave, Argentina, Brasil, Chile

### Introduction

Acanthosomatidae is a family of Hemiptera, commonly named “shield bugs,” for which Kumar (1974) in his World revision recognizes 47 genera; now this number is 54 genera, with about 200 species (Kment 2005), and is one of the least diversified families within Pentatomoidea.

There is little information about Acanthosomatidae in the Neotropics because much of what is known comes from the results of old expeditions, and for many of the species the only known data come from original descriptions and no modern revision has been published.

Most of the Neotropical Acanthosomatidae genera are monospecific and distributed in the south of Argentina and Chile.

The genus *Acrophyma* was described by Bergroth (1917) with only one species, *A. frigidula*, from southern Argentina. Kumar (1974) cited this species from Chile with the locality El Bolsón, but I think that this citation is erroneous because in the material examined is written: “R. N. El Bolsón” and the reference belongs probably to the El Bolsón of Argentina in Río Negro province; Rolston & Kumar (1974) transfers the Colombian species *Sinopla bicallosa* Stål, 1872 to *Acrophyma*; Prado (1991) uses the combination *Acrophyma impluviata* (without justification) for the Chilean species *Ditomotarsus impluviatus* Blanchard,