

Homu-9

# B O C A G I A N A

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## A CONTRIBUTION TO THE KNOWLEDGE OF THE CICADELLIDAE (HOMOPTERA: AUCHENORRHYNCHA) OF THE AZORES<sup>1</sup>

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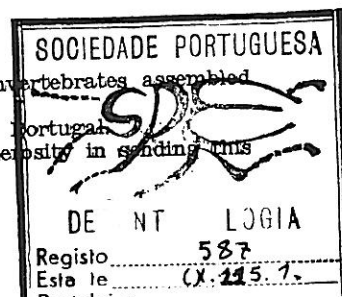
### ABSTRACT

A collection of 780 specimens belonging to seven different species and taken mostly in S. Miguel is studied. As a result, *Anaceratagallia* Zachvatkin is given as a new record to the Azores and *Opsius stactogallus* Fieber is recorded in S. Maria for the first time.

The cicadellid fauna of the Azores is incompletely investigated the species known so far being the result of the contributions by Lindberg (1941, 1954 and 1960) as well as by Evers, Ohm & Remane (1973).

The following is a list of seven leaf hopper species found among 780 specimens collected by Maj. Bivar de Sousa<sup>3</sup> mostly in S. Miguel. The genus *Anaceratagallia* Zachvatkin was found to be new to the Azores and *Opsius stactogallus* Fieber is recorded for the first time for S. Maria. Information regarding localities and dates of capture are followed by details as to number of specimens and their sex, the collector's name (Bivar de Sousa) and locality where the material is kept (J. A. Quartau).

- 1) Report No. 1 from the general collection of terrestrial invertebrates assembled by Maj. Bivar de Sousa in S. Miguel in 1978-1979.
- 2) Laboratório Zoológico, Faculdade de Ciências de Lisboa, Portugal
- 3) Many thanks are due to Maj. Bivar de Sousa for his generosity in sending this material for study.



## Family Cicadellidae

Genus *Anaceratagallia* Zachvatkin 1946

- A. laevis* Rib. 1935 (?)  
*Anaceratagallia laevis* Ribaut 1935  
 S. Miguel: Ponta Delgada, on mallow, 6-13.V.79, 1 ♀ (B. Sousa) (J. A. Q.).

Genus *Aphrodes* Curtis 1833

- A. albifrons* (L. 1758)  
*Cicada albifrons* Linnaeus 1758  
 S. Miguel: Ponta dos Mosteiros, ground, with ants, 24.II.79, 2 ♂♂; Morro das Capelas, 26.II.79, 1 ♂, 4 nymphs; Praia dos Moinhos, low vegetation near shore, 10.VI.79, 2 ♀♀; Ponta de S. Pedro, ground, with ants, 14.VIII.1979, 1 ♂ (B. Sousa) (J. A. Q.).

Genus *Eupteryx* Curtis 1833

- E. filicum* (Newman, 1853)  
*Typhlocyba filicum* Newman 1853  
*Eupteryx laureti* Lindberg 1936  
 S. Miguel: Ponta Delgada, Porto Formoso, ribeira da Cafia, 2.VI.79, 2 ♂♂ (B. Sousa) (J. A. Q.).

Genus *Opsius* Fieber 1866

- O. stactogallus* Fieb. 1866  
*Opsius stactogallus* Fieber 1866  
 S. Maria: Praia, on *Tamarix gallica*, 24.VIII.75, 6 ♂♂, 4 ♀♀, 1 nymph (B. Sousa, through courtesy of Centro dos Jovens Naturalistas da Ilha de S. Maria) (J. A. Q.).

Genus *Balclutha* Kirkaldy 1900

- B. viridella* (Lindberg 1941)  
*Dicraneura viridella* Lindberg 1941  
 S. Miguel: Fenais da Luz, on low vegetation, 16.VI.79, 52 ♂♂, 26 ♀♀, 7 nymphs (B. Sousa) (J. A. Q.).

Genus *Macrosteles* Fieber 1866

- M. sexnotatus* (Fall. 1806)  
*Cicada sexnotata* Fallen 1806  
 S. Miguel: Fenais da Luz, 21.VII.78, 16 ♂♂, 4 ♀♀; Fajã de Cima, 20.VII.78, 1 ♂, 5 ♀♀; *idem*, low vegetation, 14.VII.79, 64 ♂♂, 74 ♀♀; *idem*, 21.VII.79, 4 ♂♂,

E.

Evers, A.  
1973.Lindberg,  
1941.  
1954.

1960.

9 ♀♀; Ponta Delgada, at light, 29.X - 5.XI.78, 2 ♂♂;  
*idem*, 13.VII.79, 1 ♂, 1 ♀; Ribeira da Praia, 22.VII.78,  
 170 ♂♂, 121 ♀♀; *idem*, 13.IV.79, 7 ♂♂, 2 ♀♀;  
 Praia dos Moinhos, low vegetation by the sea, 10.VI.  
 1979, 2 ♂♂, 3 ♀♀; *idem*, 14.VI.79, 1 ♀; Porto For-  
 moso, ribeira da Cafua, 2.VI.79, 5 ♂♂; Ribeira Seca,  
 low vegetation, 22.IV.79, 2 ♂♂; Lagoa das Furnas,  
 15.IV.79, 1 ♀; Grota das Pedras, pasture, 30.VI.79,  
 26 ♂♂, 34 ♀♀ (B. Sousa) (J. A. Q.).

Genus *Euscelidius* Ribaut 1942

*E. variegatus* (Kbm. 1858)

*Athysanus variegatus* Kirschbaum 1858

S. Miguel: Fenais da Luz, 21.VII.78, 20 ♂♂, 33 ♀♀; Fa-  
 jã de Cima, 20.VII.78, 2 ♂♂, 4 ♀♀; *idem*, 14.VII.79,  
 2 ♂♂, 2 ♀♀; *idem*, 21.VII.79, 1 ♂, 1 ♀; Ponta Del-  
 gada, 13-19.XI.78, 1 ♂, 1 ♀; *idem*, on mallow, 20-26.XI.  
 1978, 2 ♀♀, 1 nymph; *idem*, 24-30.VI.79, 1 ♀; *idem*,  
 13.VII.79, 1 ♂, 1 ♀; Ribeira da Praia, 22.VII.78,  
 19 ♂♂, 17 ♀♀; *idem*, 13.IV.79, 1 ♀; Pópulo, 18.XI.78,  
 1 ♂, 1 ♀; Porto Formoso, ribeira da Cafua, 2.VI.79,  
 1 ♂, 1 ♀; Ribeira Seca, 22.IV.79, 1 ♀; Grota das Pe-  
 dras, pasture, 30.VI.79, 1 ♂ (B. Sousa) (J. A. Q.).

LITERATURE CITED

- Evers, A., Ohm, P. & Remane, R.:  
 1973. Ergebnisse der Forschungsreise auf die Azoren 1969. Internationales  
 Forschungsprojekt Makaronesischer Raum. I. Allgemeine Gesichtspunkte zur Biogeographie der Azoren. *Bol. Mus. Mun. Funchal*, 27  
 (115): 5-17.
- Lindberg, H.:  
 1941. Die Hemipteren der Azorischen Inseln. *Comm. Biol.* 8 (8): 1-27.  
 1954. Zur Kenntnis der Hemipterenfauna der Azorischen Inseln. *Comm. Biol.*  
 13: 1-9.  
 1960. Hemiptera from the Azores and Madeira. *Bol. Mus. Mun. Funchal*, 13  
 (33): 85-94.