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NOTES ABOUT TWO PLANT-FEEDING MITES FOUND IN AZORES ISLANDS

By

MARIA MANUELA CARMONA

(Estação Agronómica Nacional, 2780 Oeiras)

The author describes briefly two plant-feeding mites found for the first time in Azores Islands. They are: *Brevipalpus obovatus* Donnadieu found on *Citrus aurantium* L. in Terceira Island (Angra do Heroísmo) and on *Thea sinensis* L. in S. Miguel Island (Gorreana) and *Brevipalpus phoenicis* (Geijskes) found on *Citrus aurantium* L. in Terceira Island (S. Mateus).

A note about the life history, host plants and symptomatology of both species is appended.

Agronomia Lusitana 41 (2): 139-147, 1981

DESCRIPTION OF THE MALE, PUPA AND FOURTH INSTAR LARVA OF *CULISETA (CULISETA) ATLANTICA* (EDWARDS, 1932) (*DIPTERA, CULICIDAE*). AN ENDEMIC SPECIES OF THE AZORES ARCHIPELAGO

By

HELENA DA CUNHA RAMOS & H. RIBEIRO

(Centro de Zoologia, JICU, Lisboa) e (Disciplina de Entomologia, Instituto de Higiene e Medicina Tropical, Lisboa).

The species *Culiseta atlantica* was described in 1932 by F. W. Edwards (as *Theobaldia atlantica*) on the basis of 5 females caught at the Azores (Pico Island) by J. Balfour-Brown, on July 1929. The following year, some other female specimens of *C. atlantica* were

also caught by L. Chopard at Furnas, S. Miguel Island (Azores). Nevertheless, the other sex and the immature stages of the new species remained unknown.

In this paper, the male, pupa and fourth instar larva are described, based on the examination of 2 females and 25 males, 31 associated pupal pelts and 77 larvae caught by the writers from rock-pools in the bed of the Ribeira do Salto, east of Ribeira Grande, S. Miguel Island, on August 1977.

The diagnosis of the adults (external morphology), male terminalia, pupae and fourth instar larvae of *C. atlantica* and of three other closely related species [(*C. annulata* (Schranck), *C. subochrea* (Edws.) and *C. particeps* (Adams)] is given and identification keys are provided.

Mosquito Systematics **12** (3): 320-332, 1980.

CONTRIBUTION TO THE STUDY OF THE AZORES
MOSQUITOES (*DIPTERA: CULICIDAE*).
ON THE OCCURRENCE OF *CULEX (CULEX) MOLESTUS*
FORSKAL, 1775 IN S. MIGUEL ISLAND

By

RÚBEN A. CAPELA

Laboratório de Zoologia e Antropologia — Faculdade de Ciências de Lisboa.
Bolsheiro do INIC — PL2.

In this paper based on the morphological analysis of the available material as well as on the detection of autogeny and stenogamy exhibited by the examined material, it was concluded that we were dealing with the species *Culex (Culex) molestus* Forskal.

This species is here recorded for the first time to the mosquito fauna of the Azores.

Arquivos do Museu Bocage, Notas e Suplementos **42**: 1-4, 1979.