

BOCAGIANA

Museu Municipal do Funchal

Madeira

11.XI.1990

141

**IMMIGRATION OF THE ORIENTAL LATRINE FLY,
CHRYSOMYA MEGACEPHALA (FABRICIUS), INTO MADEIRA
(DIPTERA, CALLIPHORIDAE).**

By M. BAEZ *

ABSTRACT: The Oriental Latrine Fly, *Chrysomya megacephala* (Fab.), which is known to be extending its range, has been detected in Madeira for the first time.

RESUMO: IMIGRAÇÃO DA MOSCA *CHRYSOMYA MEGACEPHALA* (FABRICIUS), PARA A MADEIRA. A mosca *Chrysomya megacephala*, que se sabe estar a sua área de distribuição em aumento, foi detectada na Ilha da Madeira.

Chrysomya megacephala (Fab.), a fly of medical importance originally distributed in the Oriental Region, has progressively invaded the Palearctic, Afrotropical and Neotropical Regions via man (KURAHASHI, 1978; GUIMARES *et al.*, 1978). This fly was detected for the first time in the Canary Islands in 1978 as recorded by BAEZ *et al.* (1981).

During the undertaking of a faunistic study on the Diptera of Madeira in August 1989, the author captured a male of *Chrysomya megacephala* in the port of Funchal. ILLINGWORTH (1962) and BAEZ *et al.* (1981) have already mentioned that for this fly the maritime route is the most successful way of colonization into islands. The immigration of foreign species into islands by ships has grown considerably with the increase of commercial activities.

* Departamento de Zoologia, Universidad de La Laguna, 38296 La Laguna, Tenerife-Canarias.

In the Canary Islands *Ch. megacephala* was recorded for the first time from the town of Santa Cruz de Tenerife. Since this first record, the species has been captured in many places throughout the island and in recent years its range has been extended, having also colonized the islands of Gran Canaria and Fuerteventura. It is highly probable that this species will amplify its distribution within the island of Madeira in the very near future.

ACKNOWLEDGEMENTS

This communication has been possible thanks to a grant received from the Canary Autonomic Government promoting visits of University teachers to foreign institutions.

BIBLIOGRAPHY

BAEZ, M., G. ORTEGA & H. KURAHASHI:

1981. Immigration of the Oriental Latrine Fly, *Chrysomya megacephala* (Fabricius) and the Afrotropical Filth Fly, *Ch. chloropyga* (Weidemann), into the Canary Islands (Diptera, Calliphoridae). *Kontyu, Tokyo*, 49(4): 712--714.

GUIMARES, J.H., A.P. DO PRADO & A.X. LINHARES:

1978. Three newly introduced blowfly species in southern Brazil (Diptera, Calliphoridae). *Rev. Bras. Ent.*, 22:53-60.

ILLINGWORTH, J.F.:

1926. Notes on *Chrysomya megacephala* (Fabr.) (Diptera). *Proc. Hawaiian ent. Soc.*, 6:266.

KURAHASHI, H.:

1978. The Oriental Latrine Fly: *Chrysomya megacephala* (Fabricius) newly recorded from Ghana and Senegal, West Africa. *Kontyu, Tokyo*, 46:432.

Received 15th December 1989