

PERAGALLIA CABOVERDENSIS LINDBERG, 1958 NEW TO THE
SALVAGES (HOMOPTERA, AUCHENORRYNCHA, CICADELLIDAE)

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With 8 figures

ABSTRACT. As a result of a recent Zoological Expedition to the archipelago of the Salvages, between Madeira and the Canaries, *Peragallia caboverdensis* Lindberg, 1958 was found on *Lycopersicon esculentum* at the Great Salvage and is here reported for the first time from the Salvages. Moreover, a redescription and the illustration of the genitalia of this species are also given.

SUMÁRIO. Como resultado duma recente Expedição Zoológica às Ilhas Selvagens, entre a Madeira e as Canárias, a cigarrinha *Peragallia caboverdensis* Lindberg, 1958 foi colectada na Selvagem Grande, tendo sido encontrada associada ao tomateiro (*Lycopersicon esculentum*). É esta a primeira referência para o arquipélago das Selvagens. Este trabalho redescreve e ilustra ainda a genitalia desta espécie.

Peragallia caboverdensis Lindberg was first described by LINDBERG (1958) based on material from the Cape Verde Islands.

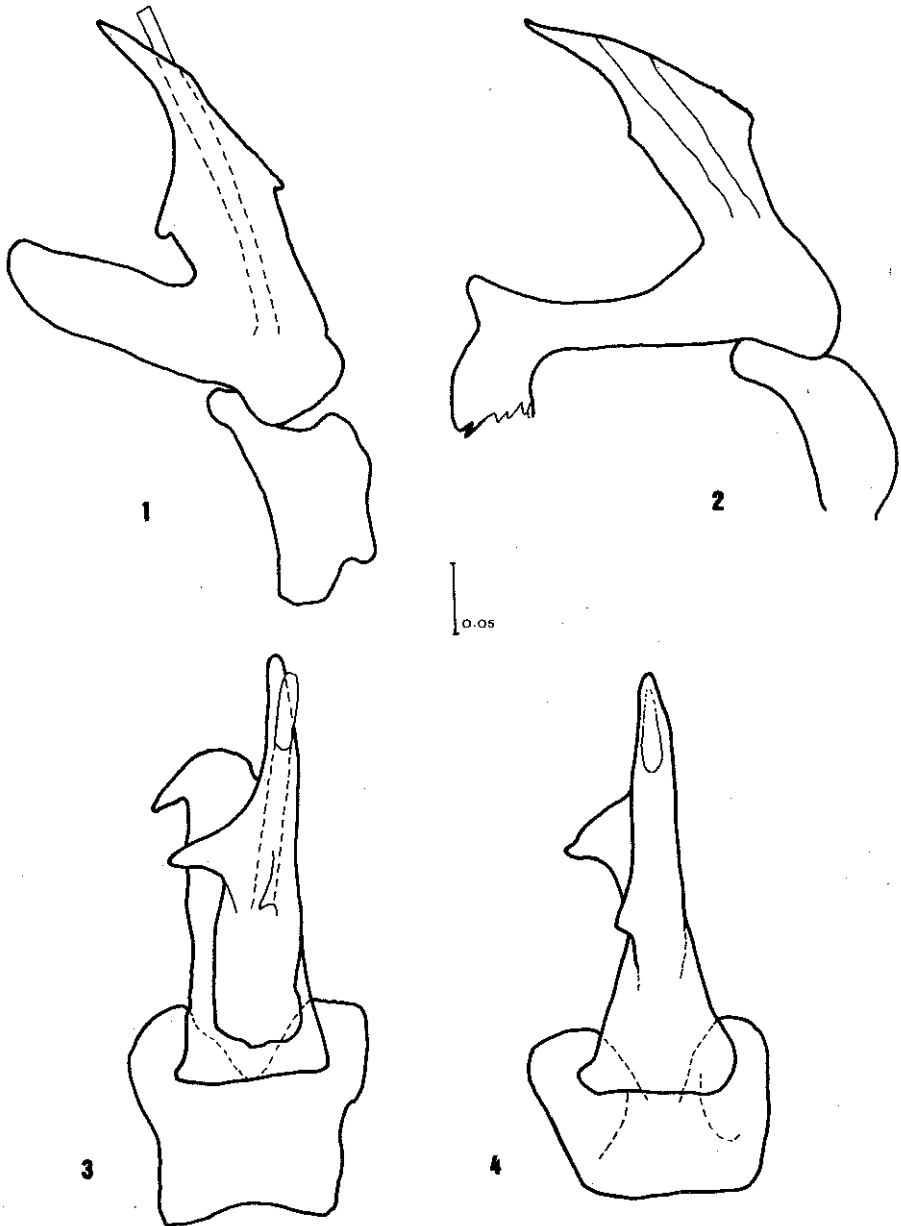
The species was later found in southern Morocco (Spanish Sahara) by LINDBERG (1965) and in 1980 was given by Webb as occurring in the Aldabra, Astove and Cosmoledo Atolls, as well as in the Sudan, Rhodesia and Mauritius. This shows that the species is not endemic as first assumed by LINDBERG (1958), but has instead a wide range of distribution in Africa.

The material here studied was collected in the largest of the Salvage Islands (Great Salvage) by the senior author as a result of the fieldwork carried out during a Zoological Expedition to the Madeiras in 1980 (QUARTAU, 1981a). It was found occurring together with another leafhopper, *Brachipterona vieirai* (cf. QUARTAU, 1981b), on *Lycopersicon esculentum*. So far the Salvages are known to harbour the following leafhoppers, besides *Peragallia caboverdensis*: *Brachipterona vieirai* Quartau, 1981, *Circulifer opacipennis* (Lethierry, 1876) and *Exitianus fasciolatus* (Melichar, 1911) (cf. QUARTAU, 1981b, 1984).

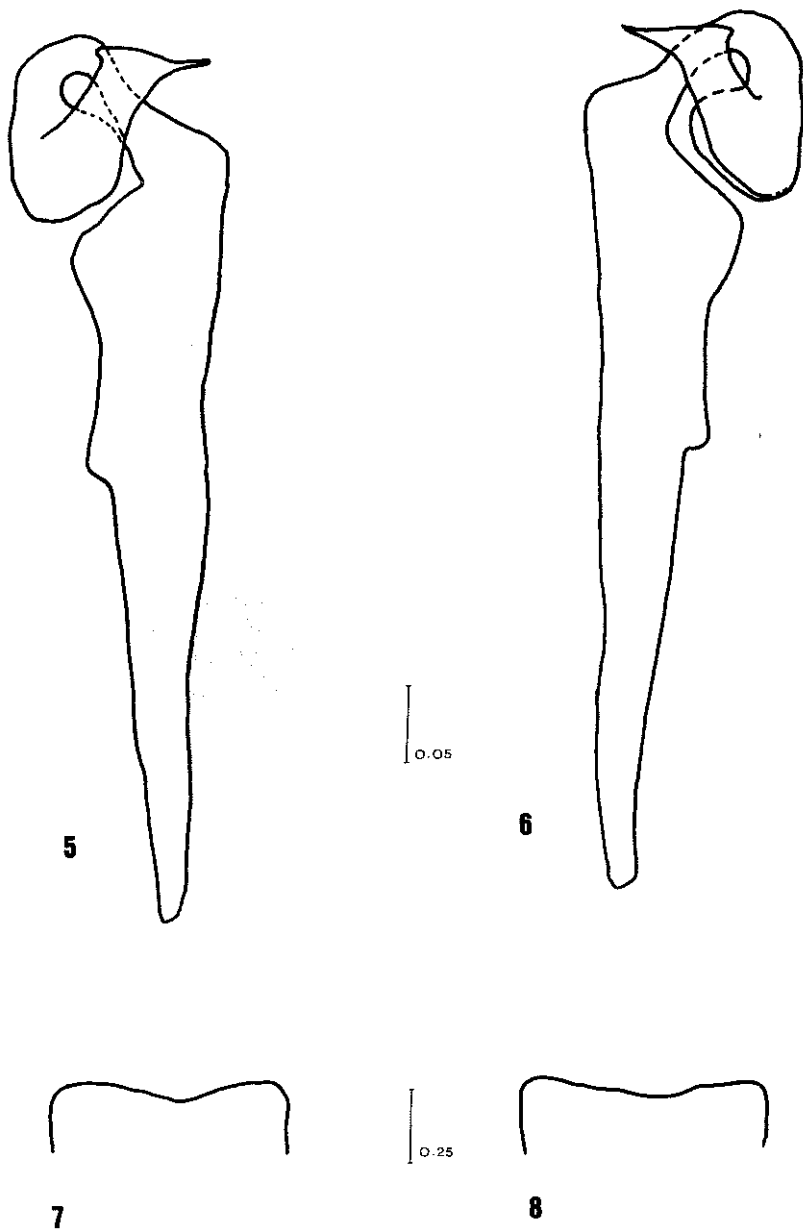
The following is a short redescription of the species based on the material collected at Selvagem Grande (Great Salvage).

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Figs. 1-4. — *Peragallia caboverdensis* Lindberg : 1-2, aedeagus, left lateral views ; 3-4, idem, posterior views (scale in mm).



Figs. 5-8. — *Peragallia caboverdensis* Lindberg : 5-6, left and right styles ; 7-8, female pregenital sternites (scales in mm).

Male. Length, from apex of crown to tips of tegmina, 2.99 - 3.25 mm (mean 3.09 mm). General body colour whitish yellow. Crown as well as pronotum with a pair of roundish dark spots, in the male those of pronotum being larger than those of the crown. Aedeagus and styles, as in figs. 1 - 6, the former showing some variation.

Female. Length from apex of crown to tips of tegmina 3.28 - 3.51 mm (mean 3.4 mm), thus slightly larger than male. General body colour as in male. Crown and pronotum each with a pair of roundish dark spots ; however, in the female the spots of the pronotum are of the same size as those of the crown. Hind margin of pregenital sternite with a very slight incision as illustrated (figs. 7 - 8).

Distribution : Cape Verde Islands (Santo Antão, São Vicente, São Nicolau, Boavista, Maio, São Tiago, Brava), Salvages (Great Salvage), Aldabra Islands (Aldabra, Astove and Cosmoledo), Mauritius, Morocco (Spanish Sahara), Sudan and Rhodesia (LINDBERG, 1958, 1965 ; WEBB, 1980).

Ecology : *Peragallia caboverdensis* Lindberg is local in the Great Salvage since it appears to be restricted to a small population associated with a few specimens of *Lycopersicon esculentum* existing near Pico da Atalaia. It was found together with *Brachypterona vieirai* Quartau in the Great Salvage but was not collected at the Small Salvage.

Material studied. Selvagem Grande : 1 ♂, 8.5.80, light trap, leg. J. A. Quartau ; 6 ♂, 3 ♀ and 2 nymphs 9.5.80, on *Lycopersicon esculentum*, leg. J. A. Quartau ; 14 ♂, 8 ♀ and 1 nymph, 10.5.80 on *Lycopersicon esculentum*, leg. J. A. Quartau.

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