



Addition to the knowledge of the Dermaptera
and Orthoptera of the Canary Islands

C. Willems

Tijdschr. Entomol., 91 (19-49): 7-11

1948

1948

A, MACHADO

• Addition to the knowledge of the Dermaptera and Orthoptera of the Canary Islands

by
C. WILLEMSE

(28th Contribution to the knowledge of the Fauna of the Canary Islands, edited by Dr. D. L. Uyttenboogaart, and continued by Dr. C. O. van Regteren Altena)

In 1936 I published a list (Willemse, 1936, p. 87 seq.) of the species of Dermaptera and Orthoptera known from the Canary Islands. Since that time several new and other species are known to occur in these islands. With some corrections and giving some new localities, the following additions have to be made to my list.

DERMAPTERA

Labidura riparia (Pallas)

Gran Canaria : Las Palmas ; Gomera : S. Sebastian (Chopard, 1912, p. 10).

Anisolabis annulipennis (Lucas)

Gran Canaria : ~~Tafira~~ : Teneriffe : Laguna (Chopard, 1942, p. 10) ; Teneriffe : Puerto Orotava (von Heyden, 1872, p. 83).

Anisolabis maritima (Géné)

Gran Canaria : La Esperanza ; Teneriffe : Las Mercedes (Chopard, 1942, p. 10).

Labia minor (Linné)

Teneriffe : Puerto Orotava (von Heyden, 1872, p. 83).

Forficula auricularia Linné

Gran Canaria : Las Lagunetas ; Teneriffe : Agua Mansa, Laguna (Chopard, 1942, p. 11).

Guanchia guancharia (Heller)

Gran Canaria : Atalaya (Heller, 1907, p. 525).

Guanchia storâi Chopard.

1942 *Guanchia storâi* Chopard, Soc. Sc. Fennica, Comment. Biol., vol. 8, no. 4, p. 13.

Gomera : Hermigua. Only the type (♂) is known.

ORTHOPTERA

Familia BLATTIDAE

Arbiblatta bivittata (Brullé)

Teneriffe : Agua Garcia, Agua Mansa, Las Mercedes, Tacoronte

The generic name of *Phyllodromica* has to be changed for this species into *Arbiblatta*.

Arbiblatta pallida Chopard

1942 *Arbiblatta pallida* Chopard, Soc. Sc. Fennica, Comment. Biol., vol. 8, no. 4, p. 2.

Genera: Hermigua. Only the type (♂) is known.

Periplaneta americana (Linné)

Teneriffe: Orotava (von Heyden).

Rhyparobia maderae (Fabricius)

Teneriffe: Puerto Orotava (von Heyden, 1872, p. 83, under the name of *Panchlora maderae*).

Familia MANTIDAE

Ameles limbata (Brullé)

Gran Canaria: Atalaya (Chopard, 1942, p. 4).

Mantis religiosa (Linné)

Teneriffe: Agua García (Chopard, 1942, p. 4).

Blepharopsis mendica (Fabricius)

Teneriffe: Guimar (Chopard, 1942, p. 8).

Pseudoyersinia canariensis Chopard

1942. *Pseudoyersinia canariensis* Chopard, Soc. Sc. Fennica, Comment. Biol., vol. 8, no. 4, p. 7, fig. 3.

La Palma: El Paso. Only the type (♀) is known.

Pseudoyersinia teydeana Chopard

1942 *Pseudoyersinia teydeana* Chopard, Soc. Sc. Fennica, Comment. Biol., vol. 8, no. 4, p. 5.

Teneriffe: Pico de Teyde. Only the type (♂) is known.

Pseudoyersinia subaptera Chopard

1942 *Pseudoyersinia subaptera* Chopard, Soc. Sc. Fennica, Comment. Biol., vol. 8, no. 4, p. 7, fig. 4.

Teneriffe: Guimar. Only the type (♀) is known.

Familia ACRIDIDAE

Sphingonotus rubescens (Walker)

Teneriffe (Uvarov, 1923, p. 68).

Sphingonotus savignyi Saussure

Canary islands (Mistshenko, 1936, p. 95).

Sphingonotus willemsei Mistshenko

1937 *Sphingonotus willemsei* Mistshenko, Natuurh. Maandbl., vol. 26, pp. 40-41, 2 figs.

Teneriffe: Las Cañadas. Von Heyden (1872, p. 85) records *Oedipoda caerulea* (Linné) from Teneriffe, from the region of the "retama blanca" and from the Pico de Teyde. It is very probable that his specimens belonged to the above mentioned species. *Wernerella aspera* (Brullé)

Acridium asperum described by Brullé is not a *Sphingonotus*, but belongs to the genus *Wernerella*.

Locusta migratoria ph. *danica* (Linné)

Teneriffe: Agua Mansa (von Heyden, 1872, p. 85, under the name of *Pachytylus cinerascens* F.).

Locusta migratoria plebeius (Walker)

Teneriffe: Retama Blanca region of the Pico de Teyde (von Heyden, 1872, p. 85, under the name of *Caloptenus italicus* L.).

Gran Canaria (no exact locality). In my collection, ex. coll. Uyttenboogaart.

Dericorys lobata lobata (Brullé)

Isla Graciosa (Uvarov, 1938, p. 605).

Dericorys lobata luteipes Uvarov

1938 *Dericorys lobata luteipes* Uvarov, Ann. Mag. Nat. Hist. (11), vol. 2, p. 605

Fuerteventura. Only the type (♀) is known.

Familia TETTIGONIIDAE

Decticus albifrons (Fabricius)

Teneriffe: Orotava. Agua Mansa (von Heyden, 1872, p. 85).

Evergoderes cabrerai I. Bolivar.

1936 *Evergoderes cabrerai* I. Bolivar, Eos, vol. 12, p. 5, figs.

Gran Canaria: Agaete-Balneario. Only the type (♂) of this new genus and species is known.

Familia GRYLLIDAE

Oecanthus pellucens (Scopoli)

Teneriffe: Puerto Cruz. Tacoronte: La Palma: El Paso (Chopard, 1942, p. 9). Teneriffe: Orotava (von Heyden, 1872, p. 84).

Gryllus bimaculatus de Geer

Teneriffe: Tacoronte, Las Mercedes, Laguna: Gran Canaria: Las Lagunetas: La Palma: La Caldera (Chopard, 1942, p. 8). Teneriffe: Puerto Orotava, Agua Mansa, San Juan de la Rambla (von Heyden, 1872, p. 84, under the name of *Gryllus capensis* F.).

Gryllulus canariensis Chopard

1938 *Gryllulus canariensis* Chopard, Rev. Franç. Entom., vol. 4, p. 230, tootnote.

Teneriffe: Santa Cruz. Only the type (♂) and allotype (♀) are known.

Gryllomorpha canariensis Chopard

1939 *Gryllomorpha canariensis* Chopard, Ann. Soc. Ent. France, vol. 108, p. 172.

Teneriffe: Monte de los Silos. Only the type (♂) and allotype (♀) are known.

Mogoplistes squamiger (Fischer)

Canary Islands (Chopard, 1937, p. 3; 1943, p. 233).

K. Schneider (1937) records *Cosmoderus erinaceus* Fairm. as being imported with bananas from the Canary Islands. This is certainly an error as to the locality, as *Cosmoderus erinaceus* is only known from the Gaboon and the Canieroons.

The number of Dermaptera known from the Canary Islands is 12, that of Orthoptera 89.

BIBLIOGRAPHY

Beier, M., 1934. Mantodea, Fam. Mantidae, Subfam. Sibyllinae und Empusinae. Genera Insectorum, fasc. 197. Bruxelles.
Blanchard, E., 1853. Description des insectes. In: Voyage au Pole

- Sud, Zoologie, vol. 4 : Atlas, 25 pls. (On p. 372 Blanchard describes *Acridium cinereum* from Teneriffe, figured Ins. Orth. pl. 3 fig. 8. As the type seems to be lost, it is impossible to recognize the species).
- × Bolivar, I., 1936. Nuevo decticino de Canarias. Eos. vol. 12, pp. 5—40, 3 figs.
- Burr. Malcolm, 1908. Catalogue des Forficulides des collections du Muséum de Paris, 2me partie. Bull. Mus. Hist. Nat., vol. 14, pp. 29—33 (see p. 30, reprint p. 2).
- , 1910. The Dermaptera (Earwigs) of the U. S. Nat. Museum. Proc. U. S. Nat. Mus., vol. 38, p. 443—467, 8 figs. (see p. 448).
- × —, 1911. Orthoptera in the Canary Islands. Ent. Rec., vol. 23, pp. 92—92, 175—178, 193—195.
- , 1912. Ueber einige neue und interessante Dermapteren aus dem Königl. Zoolog. Museum Berlin. Sitz. Ber. Ges. Naturf. Freunde Berlin, pp. 311—330, 5 figs. (see p. 319).
- , 1912. Die Dermapteren des k. k. Naturhistorischen Hofmuseums in Wien. Ann. k. k. Naturh. Hofmus., vol. 26, pp. 63—108.
- Chopard, L., 1937. Origine et affinités de la faune des Orthoptères de Madère. C. R. Soc. Biogéogr., vol. 14, pp. 1—4.
- , 1938. Les Dermaptères et Orthoptères de Madère. Rev. Franç. Entom., vol. 4, pp. 219—239, 17 figs.
- × —, 1942. Insectes Orthoptéroïdes (Blattidae, Mantidae, Gryllidae, Phasmidae, Dermaptera) récoltés dans les îles atlantiques. Soc. Sc. Fennica. Comment. Biol., vol. 8, no. 4, pp. 1—13, 10 figs.
- , 1913. Orthopteroïdes de l'Afrique du Nord. Faune de l'empire français, vol. 1. Paris.
- × Escalera, M. hl. de la, 1922. Nota biológica sobre la *Anataelia canariensis* I. Bol. de Tenerife. Bol. Soc. Espan. Hist. Nat., vol. 22, pp. 157—158, 1922.
- Heyden, L. von, 1872. Bericht über die von den Herren Dr. Noll und Dr. Grenacher auf Tenerife gesammelten Insekten. Ber. Senckenb. Naturf. Ges., pp. 71—90.
- Holdhaus, K., 1929. Die geographische Verbreitung der Insekten. In: Schröder, C., Handbuch der Entomologie, vol. 2, pp. 592—1058, 1 map (see p. 1026).
- Krauss, H. A., 1907. Orthopteren aus Südarabien und von der Insel Sokotra. Denkschr. Ak. Wiss. Wien, math.-naturw. Kl., vol. 71, part 2 (1931), pp. 1—30, 2 pls.
- × Mistshetiko, L., 1936, 1937. Revision of Palaearctic species of the genus *Sphingonotus* Fieber (Orth. Acrid.). Eos, vol. 12, pp. 65—192, 193—282, 87 figs.
- × —, 1937. New species of the genus *Sphingonotus* Fieber (Orth. Acrid.) from the Canary Islands. Natuurh. Maandbl., vol. 26, pp. 40—41, 2 figs.
- Morales Agacino, E., 1945. Algunos datos sobre Ortopteroides del Sahara occidental. Eos, vol. 20, p. 309—339, pl. 22 (see p. 322).
- Ritter, K., 1838. Die Heuschreckenplage der Länder der alten Welt, nach ihrer geographischen Verbreitung, etc. In: Die Erdkunde im Verhältnis zur Natur und zur Geschichte des Menschen, etc., 2nd ed., vol. 8, pp. 789—815 (see p. 800: *Locusta migratoria* occurring in the Canary Islands).
- Saussure, H. de & Zehnter, L., 1895. Blattides et Mantides. In: Grandidier, A., Histoire physique, naturelle et politique de Madagascar, vol. 23, pars I (= fasc. 39), Paris (*Phectalia laevigata* and *circumvagans* captured in Teneriffe).
- Schneider, K. M., 1937. Eingeschleppte Tiere. Mitt. Zool. Garten Leipzig, N. S., vol. 1, pp. 1—9.
- Seoane, V. L., 1878. Ortopteros de la península hispano-lusitana. Stettin. Ent. Zeit., pp. 366—376 (List of species occurring in Spain and the Canary Islands).
- × Uvarov, B. P., 1923. Notes on Locusts of Economic Importance with some new data on the periodicity of Locust invasion. Bull. Ent. Res., vol. 14, pp. 31—39, figs. (*Schistocerca gregaria* on Gran Canaria).
- , 1928. Locusts and Grasshoppers. London (*Calliptamus italicus* doubtful if occurring in the Canary Islands).
- , 1930. Saltatorial Orthoptera collected by Mr. C. L. Collette in British Somaliland. Ann. Mag. Nat. Hist., (10) vol. 6, pp. 176—185 (p. 179: *Sphingonotus canariensis* also occurring in British Somaliland).
- , 1935. Orthoptera III, Acrididae. In: Mission scientifique de l'Omo, tome 4, Zoologie, fasc. 35. Mém. Mus. Nat. Hist. Nat. Paris. N. S. vol. 8, pp. 145—176, 10 figs. (p. 164: *Sphingonotus canariensis* occurring in Onio, Africa).
- × —, 1938. New and interesting Acrididae from Mauretania. Ann. Mag. Nat. Hist., (11) vol. 2, pp. 599—606 (see p. 605).
- Uvarov, B. P., & Tewfik, Mohammed, 1935. A list of Orthoptera from South Arabia. Bull. Soc. R. Ent. Egypte, vol. 27 (1937), pp. 271—283, 4 figs. (p. 273: *Sphingonotus canariensis* occurring in South Arabia).
- Waterhouse, C. O., 1909. Swarms of Locusts and Dragonflies in Africa. Proc. Ent. Soc. London, 1903, p. IV. (*Schistocerca peregrina* in the Canary Islands).
- × Willemse, C., 1936. Une excursion Orthoptérologique aux îles Canaries. Natuurh. Maandbl., vol. 25, pp. 40—42, 56—57, 72—73, 86—89, 101—103, 113—115, 12 figs.
- Zeuner, F., 1941. The classification of the Decticinae hitherto included in *Platypleis* Fieb. or *Metriopectera* Wesm. Trans. R. Ent. Soc. London, vol. 91, pp. 1—50, 45 figs. (*Tessellana tessellata* and *Platypleis sabulosa* occurring in the Canary Islands).