

ANNOTATED CATALOGUE OF THE TACHINIDAE (INSECTA, DIPTERA) OF CHILE

BY

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Gonalezodoria gonioides Cortés, 1967

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Tachinid flies (Diptera: Tachinidae) are parasitoids of other insects during their larval stage. There are ca. 8500 described species worldwide and ca. 3100 in the Neotropical Region, but many more species are still undescribed throughout the world. This catalogue provides a new starting point for future studies of the Tachinidae of Chile by gathering together all pertinent information about the names and distributions of the species known from the country. A total of 122 genera and 264 species are recognized from Chile, and of these 28 genera and 100 species are currently recorded as endemic. An extensive historical review is given of the early collectors of tachinids in Chile, and of the authors who contributed to the systematic knowledge of Chilean tachinids.

Tachinid taxa are arranged hierarchically and alphabetically in a modern taxonomic classification of subfamilies, tribes, genera, subgenera (where recognised), and species. Synonyms are listed for genus-group and species-group names and type data are given for the valid species names and their synonyms. Additional information is given in the form of notes and references under valid names at the level of tribe, genus, and species.

The more significant taxonomic, distributional and nomenclatural changes include: two genera are newly recorded from Chile, four species are newly recorded from Chile and/or Argentina, eight species previously recorded from Chile are deemed to have been misidentified or misrecorded from Chile, two First Reviser actions are taken to determine senior homonyms, eight new replacement names are proposed for preoccupied names, three new type species fixations are made for genus-group names, four lectotypes are designated, 27 new or revived combinations are proposed, and 14 new or revived generic and specific synonymies are proposed.



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PhD thesis: Dalebout ML (2002) *Species identity, genetic diversity and molecular systematic relationships among the Ziphiidae (beaked whales)*. PhD thesis, Auckland, New Zealand: University of Auckland.

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