



Revision of the cluster flies of the *Pollenia haeretica* species-group (Diptera, Calliphoridae)

KNUT ROGNES

University of Stavanger, Faculty of Arts and Education, Department of Early Childhood Education, NO-4036 Stavanger, Norway.
E-mail: knut@rognos.no or knut.rognos@uis.no

Abstract

The Palaearctic *Pollenia haeretica* species-group is revised. Two species make up the group: *Pollenia haeretica* Séguy, 1928 (Algeria, Tunisia, Italy) and *Pollenia ibalia* Séguy, 1930 (Morocco). *Pollenia rungsi* Séguy, 1953 is established as a junior synonym of *Pollenia ibalia* Séguy, 1930, **syn. nov.** *Pollenia funebris* Villeneuve, 1933 is treated as a junior synonym of *Pollenia ibalia* Séguy, 1930, **syn. nov.**, but the name is a junior primary homonym of *Pollenia funebris* Robineau-Desvoidy, 1863, and therefore permanently invalid. A lectotype is designated for *Pollenia haeretica* Séguy to fix the interpretation of the name. The syntypes of *Pollenia funebris* Villeneuve are probably lost.

Key words: Diptera, Calliphoridae, *Pollenia*, cluster flies, revision, new synonyms, Palaearctic Region

Introduction

In earlier papers I have revised the following Palaearctic species-groups in *Pollenia* Robineau-Desvoidy: the *P. labialis* group (originally called the *P. intermedia* group) (Rognes 1987a); the *P. rudis* group (Rognes 1987b); the *P. semicinerea* group (Rognes 1988); the *P. viatica* group (Rognes 1991b; see also Rognes & Baz 2008); the *P. vagabunda* group (Rognes 1992a) and the *P. venturii* group (Rognes 1992b). These and other Palaearctic species-groups were defined and keyed, and their phylogenetic relationships examined by Rognes (1988, 1992b). Contributions to the knowledge of the morphology and the nomenclature of *Pollenia* species were also given by Rognes (1991a, 1991c). Contributions on the *P. tenuiforceps* group were given by Szpila (2000) and Rognes (2002), while Szpila and Draber-Mońko (2008) contributed on the *P. amentaria* species-group. Pioneering work on the *Pollenia* first instar larvae was published by Szpila (2003).

Several species-groups have not been fully revised: the *P. amentaria*, *P. griseotomentosa*, *P. japonica* and *P. tenuiforceps* species-groups. Revisionary work on the *P. haeretica* species-group was begun by the author during a visit to MNHN back in 1990. Recent captures of specimens of *Pollenia haeretica* on Sardinia (Italy) by Pierfilippo Cerretti and his team (cf. Rognes, in press) prompted me to finish it.

Methods

Acronyms for collections.

BMNH	The Natural History Museum, London, United Kingdom.
CNBF	Corpo Forestale dello Stato, Centro Nazionale per lo Studio e la Conservazione delle Biodiversità Forestale, Verona, Italy.
CNC	The Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, Ontario, Canada.
IRSNB	Institut Royal des Sciences Naturelles de Belgique, Bruxelles [Brussels], Belgium.