

New records of Timber flies (Diptera: Pantophthalmidae) from Colombia

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Abstract

AMAT EC. 2005. New records of Timber flies (Diptera: Pantophthalmidae) from Colombia. ENTOMOTROPICA 20(2): 95-96.

New records of *Pantophthalmus planiventris* and *Pantophthalmus tabaninus* in Colombia are reported, map of localities and check-list of pantophthalmid species described and recorded in Colombia is provided.

Additional key words: checklist, faunistics, flies.

Resumen

AMAT EC. 2005. Nuevos registros de moscas gigantes (Diptera: Pantophthalmidae) de Colombia. ENTOMOTROPICA 20(2): 95-96.

Se presentan nuevos registros geográficos de *Pantophthalmus planiventris* y *Pantophthalmus tabaninus*, además un mapa de localidades y la lista preliminar de especies descritas y registradas de pantoftálmidos en Colombia.

Palabras clave adicionales: faunística, lista de especies, moscas.

Introduction

Pantophthalmidae is a small, exclusively neotropical family included in the Brachycera, Stratiomyomorpha. The family was reviewed by Val (1976), who accepted 20 species in the genus *Pantophthalmus* and one in the monotypic genus *Opetiops*. Eight species have been recorded in Colombia (Figure 1). Timber flies are robust insects, possibly the biggest dipterans in the Neotropical Region. However, little is known about their biology.

Immature stages are wood boring, which is unusual among Diptera. In Colombia, they can be found in decaying or fallen trees, usually oak trees (*Quercus* spp.) (Flores & Sánchez 1989). Their life cycle may take from five months to two years (Andrade 1930), and adults are mainly captured in lightraps. Adults apparently do not feed. The material recorded here is deposited at the Museo de Historia Natural, Instituto de Ciencias Naturales, Universidad Nacional de Colombia [ICN-MHN], Instituto Alexander von Humboldt [IavH], Museo Entomológico de la Facultad de Agronomía, Universidad Nacional de

Colombia, Bogotá [UNAB], and Museo de Historia Natural, Pontificia Universidad Javeriana, Bogotá [MUJ]. Earlier records and taxonomic key used for species identification were provided by Val (1976).

New Records

Pantophthalmus planiventris (Wiedemann, 1821).

COLOMBIA. **Santander:** 1♀, Barrancabermeja. 9-Jun-1989. Bernal L [ICN-MHN].

Pantophthalmus tabaninus Thunberg 1819.

COLOMBIA. **Chocó:** 1♀, Ríosucio. Cacarica. 7-Ago-1974 Helmuth Sturm [ICN-MHN]; 1♀, Quibdó. 13-abr-2005. Trampa de luz. J.C. Neita [UNAB]. **Putumayo:** 1♀, Valle del Guamués, sep-1994 J. Celys. [MUJ]. **Amazonas:** 1♀, Parque Natural Amacayacú, Matamata, lat 3°41'S, long 70°15'W, 150m. 20/26-Abr-2000. A. Parente [IavH]; 1♀, Parque Natural Amacayacú, Matamata.

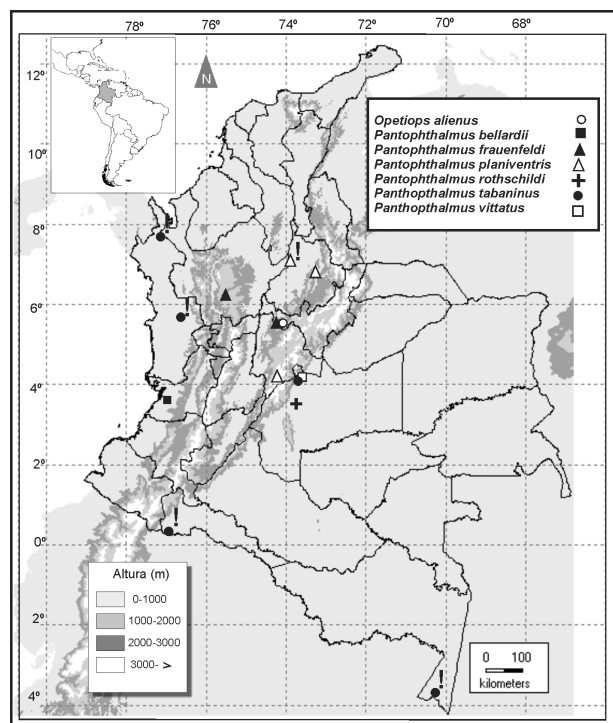


Figure 1. Localities map of *Opetiops* and *Pantophthalmus* species recorded in Colombia. (!) New records.

Lat 3°41' S, long 70°15' W. 150m. Malaise trap. 27-abril al 03-may-2003. A. Parente. [IAvH].

Species List

The following specimens cited by Val (1973) and collected in Colombia are deposited in the American Museum of Natural History [AMNH]; British Museum (Natural History), London, UK [BM]; Instituto Oswaldo Cruz, Rio de Janeiro, Brazil [IOC]; Museu de Zoologia, Universidade de Sao Paulo [MZUSP]; Museum für Naturkunde der Humboldt-Universität zu Berlin, Berlin [MB]; Muséum National d'Historie Naturelle, Paris [MP]; United States National Museum, Washington, DC [USNM].

Opetiops alienus (Hermann, 1916).

Boyacá: 1♀, Muzo. [IOC]

Pantophthalmus bellardii (Bigot, 1862).

1♀. Buena Vista [USNM]; **Valle del Cauca:** 1♀, Río Dagua [BM].

Pantophthalmus frauenfeldi (Schiner, 1868).

Antioquia: 1♀, Medellín [MP]; 1♀, Mesopotámia [AMNH]. **Boyacá:** 1♀, Muzo [MZUSP]; **Cundinamarca:** 1♀, Bogotá [MP]; 1♀, Bogotá [BM].

Pantophthalmus kerteszi (Enderlein, 1914).

1♀, "Colombia" [BM].

Pantophthalmus planiventris (Wiedemann, 1821).

Cundinamarca: 1♂, Bogotá [MP]; **Santander:** 1♀, Río Suárez [AMNH].

Pantophthalmus rothschildi (Austen, 1923).

Meta: 1♂, Río Huape [BM].

Pantophthalmus tabaninus Thunberg, 1819.

Meta: 1♀, Villavicencio [MP].

Pantophthalmus vittatus (Wiedemann, 1828).

Meta: 1♀, Villavicencio. [MZUSP].

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