

**SPECIES LIST OF PLUME MOTHS (LEPIDOPTERA, PTEROPHORIDAE)  
OF PARAGUAY WITH NEW RECORDS**

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We give new data on Pterophoridae species from Paraguay and provide a checklist of them, including 36 species of 13 genera. Six species of plume moths are recorded for the fauna of Paraguay for the first time. The study was based on the essential literature on Pterophoridae of Paraguay.

*Key words:* Pterophoridae, plume moths, Paraguay, fauna, new data.

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**INTRODUCTION**

The Pterophoridae fauna of Paraguay has never been separately considered in the scientific literature. Till now there were 26 known species of them (Gielis, 2003, 2006, 2012, 2013).

**MATERIAL**

Examining the collections of plume moths from Paraguay, graciously provided to us by Mr. Ulf Drechsel (Asuncion), we have discovered six more species new for the fauna of this country.

**RESULTS**

**List of new species for Paraguay**

*Stenoptilia tenuis* (Felder & Rogenhofer, 1875)

*Mimeseoptilus tenuis* Felder & Rogenhofer, 1875: plate 140, fig. 50. (Type locality: Bogota, Colombia).

*Mimeseoptilus gilvidorsis* Zeller, 1877: 471. (Type locality: Bogota, Colombia).

**Material.** 1 male, 1 female, Dep. Alto Parana, Limoy, S 24°45' W 54°27', 3-4.V. 2013; 1 male, Dep. Concepcion Garay Cue, S 22°42' W 57°22', 2-5.IV. 2015, U. Drechsel leg.

**Distribution.** Colombia, Ecuador, Peru, Paraguay.

*Exclastis pumilio* (Zeller, 1873)

*Mimeseoptilus pumilio* Zeller, 1873: 324. (Type locality: Texas, Dallas, USA).

*Marasmarcha liophanes* Meyrick, 1886: 19. (Type locality: Saint-Denis, Reunion Island).

*Mimaesoptilus gilvidorsis* Hedemann, 1896: 8 (not Zeller, 1877) (Type locality: Virgin Islands, St. Croix).

**Material.** 1 male, 1 female, Dep. Concepcion Garay Cue, S 22°42' W 57°22', 25-29.IV. 2013; 1 male, 4-9.VI.2013, U. Drechsel leg.

**Distribution.** USA, Mexico, Costa Rica, Surinam, Colombia, Brazil, Ecuador, Bolivia, Paraguay, Argentina,

Cuba, Puerto Rico, Guadeloupe, Jamaica, Virgin Islands, Fatu Hiva, Guam, Palau, Mali, Tchad, Gambia, Nigeria, Kenya, Tanzania, Zimbabwe, Swaziland, Rep. S. Africa, Seychelles, Reunion Island, Madagascar, Nepal, Thailand, Philippines, New Guinea.

***Hellinsia mallecoicus*** (Gielis, 1991)

*Oidaematophorus mallecoicus* Gielis, 1991: 86. (Type locality: Linares, Puente Malcho nr. Longavi River, Chile).

**Material.** 1 male, Dep. Cordillera, Pirareta, 15-17.VI.2010, U. Drechsel leg.

**Distribution.** Chile, Paraguay.

***Hellinsia oxyntes*** (Meyrick, 1908)

*Pterophorus oxyntes* Meyrick, 1908: 498. (Type locality: Sao Paulo, Brazil).

**Material.** 1 male, Dep. Cordillera, Pirareta, 26-28.V.2010; 1 male, 25-27.VI.2010, U. Drechsel leg.

**Distribution.** Brazil, Paraguay.

***Hellinsia pizarroi*** Gielis, 2011

*Hellinsia pizarroi* Gielis, 2011: 637. (Type locality: Moreno-Santiago, Ecuador)

**Material.** 1 male, Dep. Cordillera, Pirareta, 15-17.VI.2010, U. Drechsel leg.

**Distribution.** Ecuador, Paraguay.

***Adaina bipunctatus*** (Moschler, 1890)

*Pterophorus bipunctatus* Moschler, 1890: 346. (Type locality: Puerto Rico).

**Material.** 2 males, 2 females, Dep. Cordillera, Pirareta, 15-17.VI.2010, U. Drechsel leg.

**Distribution.** USA, Puerto Rico, Virgin Islands, Bahamas, Brazil, Ecuador, Paraguay.

**Checklist of Pterophoridae of Paraguay**

*Leptodenterocopus neales* (Walsingham, 1915)

*Lantanophaga pusillidactylus* (Walker, 1864)

*Stenoptilodes brevipennis* (Zeller, 1874)

*Stenoptilodes taprobanes* (Felder & Rogenhofer, 1875)

*Stenoptilia melgarejoae* Gielis, 2012

*Stenoptilia pallistriga* Barnes & McDunnough, 1913

*Stenoptilia tenuis* (Felder & Rogenhofer, 1875)

*Stenoptilia zophodactylus* (Duponchel, 1838)

*Postplatyptilia drechseli* Gielis, 2006

*Postplatyptilia flinti* Gielis, 1991

*Postplatyptilia sandraella* Gielis, 1996

*Lioptilodes albistriolatus* (Zeller, 1871)

*Michaelophorus dentiger* (Meyrick, 1916)

*Sphenarches anisodactylus* (Walker, 1864)

*Sphenarches nanellus* (Walker, 1864)

*Megalorhipida leucodactylus* (Fabricius, 1794)

*Megalorhipida pseudodeflectalis* Gielis, 1989

*Exelastis pumilio* (Zeller, 1873)

*Oidaematophorus angulofuscus* Gielis, 1991

*Hellinsia callefloridae* Gielis, 2012

*Hellinsia canari* Gielis, 2011

*Hellinsia cervicalis* (Meyrick, 1932)

*Hellinsia glaphyrotus* (Meyrick, 1908)

*Hellinsia longeanellus* Gielis, 2012

*Hellinsia mallecoicus* (Gielis, 1991)

*Hellinsia oxyntes* (Meyrick, 1908)

*Hellinsia paraguayariae* Gielis, 2012

*Hellinsia pizarroi* Gielis, 2011

*Hellinsia sapucayae* Gielis, 2012

*Hellinsia tenera* Gielis, 2012

*Adaina ambrosiae* (Murtfeldt, 1880)

*Adaina bipunctatus* (Moschler, 1890)

*Adaina invida* (Meyrick, 1908)  
*Adaina quieta* Gielis, 2012  
*Adaina recta* Gielis, 2012  
*Adaina simplicius* (Grossbeck, 1917)

#### DISCUSSION

As a result of our partial examination of the specimens from Paraguay, we have discovered 36 species, six of which are indicated as new for the fauna of the country. There is no doubt that further examination of Pterophoridae from this region will provide many other new species which are still unknown for Paraguay.

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