

Historical Review and Faunistic Data of Pterophoridae (Lepidoptera) in Korea

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The family Pterophoridae, which is comprising more than 500 species and distributed all over the world, is characterized by the cleft wings. However, they are poorly discovered in most of the zoogeographical regions, including the Korean Peninsula. The family is divided into four subfamilies: Agdistinae, Deuterocopinae, Pterophorinae and Platyptilinae, but only two subfamilies have been known in Korea.

The first records of Pterophoridae in Korea were done by Matsumura (1931), reporting *Platyptilia koreana* Matsumura and *P. suigensis* Matsumura. In "The Nomina Animalium Koreanorum" published by the Zoological Society of Korea in 1968, three species, *Deuterocopus albipunctatus* Fletcher, *Stenoptilia emarginata* (Snellen), and *Amblyptilia punctidactyla* (Haworth), were listed. Park (1983) reviewed seven species, reporting newly two further species: *Platyptilia tabrobanes* (Felder) and *Hellinsia lienigianus* (Zeller). Yano (1986) reported an additional species, *Hellinsia ishiyamanus* (Matsumura), from Korea.

In this study, 11 species, *Agdistis* sp., *Emmelina monodactyla* (Linnaeus), *Emmelina argoteles* (Meyrick), *Pselnophorus vilis* (Butler), *Stenodacma wahlbergi* (Zeller), *Oidaematophorus acutus* (Yano), *Hellinsia nigridactyla* (Yano), *Platyptilia farfarella* Zeller, *Platyptilia ignifera* Meyrick and *Hellinsia nigridactyla* (Yano), are reported for the first time from Korea, including a new species, *Stenodacma* sp., cl. *S. wahlbergi* (Zeller).

Consequently, 19 species belonging to 12 genera are recognized in Korea.

Key words: Taxonomy, description, fauna, Pterophoridae, Korea.