

Check-list of the Argidae fauna (Hymenoptera: Symphyta) of Turkey

by Önder Çalmaşur and Hikmet Özbek

Abstract. Thirty-two species in four genera of the sawfly family Argidae have been recorded in Turkey. This paper gives an updated list of species together with distribution records from the literature and from personal observations. New localities are given for many species. Five species are reported as new to Turkey, namely *Aprosthem a bifurca* (Klug, 1834), *Aprosthem a syrmiese* (Mocsáry, 1897), *Arge pullata* (Zaddach, 1859), *Arge ustulata* (Linnaeus, 1758) and *Sterictiphora geminata* (Gmelin, 1790). *Arge aurata* (Zaddach, 1864) is endemic to Turkey.

Kurzfassung. In der Türkei wurden bisher 32 Arten aus vier Gattungen von Pflanzenwespen aus der Familie der Argidae (Bürstenhornblattwespen) festgestellt. Es wird eine aktuelle Check-Liste gegeben mit Darstellung der Verbreitung aufgrund von Literaturangaben und eigenen Beobachtungen. Für viele Arten werden neue Fundorte aufgeführt. Fünf für die Türkei neue Arten werden nachgewiesen: *Aprosthem a bifurca* (Klug, 1834), *Aprosthem a syrmiese* (Mocsáry, 1897), *Arge pullata* (Zaddach, 1859), *Arge ustulata* (Linnaeus, 1758) und *Sterictiphora geminata* (Gmelin, 1790). *Arge aurata* (Zaddach, 1864) ist in der Türkei endemisch.

Key words. Symphyta, Argidae, sawfly, fauna, new records, Turkey, Middle East.

Introduction

The family Argidae is the second largest family of the Symphyta and contains over 800 described species. It is a cosmopolitan group, but, unlike most other symphytan families, it is most diverse in tropical habitats (e.g. GOULET & HUBER 1993). The first collecting trips to Turkey which were devoted to sawflies were conducted by Kenneth M. GUICHARD and David H. HARVEY in 1959, 1960 and 1962 (GUICHARD & HARVEY 1967). This material was evaluated by BENSON (1968), who, in a comprehensive paper, described many new species and subspecies and listed over 370 taxa from Anatolia, including 28 in the family Argidae. Recently, GÜÇLÜ & ÖZBEK (1999) recognized *Messa hortulana* (Klug) as a new poplar pest and more recently ÇALMAŞUR & ÖZBEK (2004a, 2004b) made contributions to the Tenthredinidae fauna of Turkey. The same authors recognised two tenthredinid species, *Heterarthrus ochropoda* (Klug) and *Nematus salicis* (Linnaeus), as new records and new pests on poplar and willow respectively (ÇALMAŞUR & ÖZBEK 2004c, 2006).

WOLF (1968) listed nine species of Argidae occurring in Turkey. BIRKARDEŞLER (1961), TUATAY (1963), ACATAY (1969), ÖZEREN (1970), BAŞ (1973) and ÖZBEK et al. (1996) gave some information on forest and ornamental pests belonging to the Argidae, such as *Arge ochropus* (Gmelin), *A. rustica* (L.), *A. scita* (Mocsary) and *Sterictiphora furcata* (Villers).

This paper aims to update our current knowledge on Turkish argid sawflies.