

Checklist and new species of the *Coleophora salicorniae* group from China (Lepidoptera: Coleophoridae)

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Abstract

Three new species of the *Coleophora salicorniae* group (Coleophoridae) are described: *Coleophora parilis* **sp. n.**, *Coleophora varisequens* **sp. n.**, and *Coleophora innermongoliensis* **sp. n.** All have very large spiniform setae on the first tergum of abdomen. Photographs of adults and genitalia of the new species are provided. A checklist and a distribution map of all known Chinese species of this group are given.

Key words: Lepidoptera, Coleophoridae, *Coleophora*, new species, China

Introduction

The genus *Coleophora* Hübner was divided into 36 or 37 groups by Toll (1953, 1962). The *Coleophora salicorniae* group (= 34th group of Toll's system) is characterized by wide setal patches on the abdominal tergum, very large spiniform setae on the first tergum of some species, and a pointed gnathos. This group comprises more than 80 species in the Palearctic Region (Baldizzone, 1979, 1981, 1989a, 1989b, 1994; Falkovitsh, 1970, 1972a, 1972b, 1973, 1978, 1979a, 1979b, 1982, 1989a, 1989b, 1991, 1992; Toll & Amsel 1967; Vives Moreno, 1988). Li and Zheng (1998) reviewed the Chinese species of the group, reporting 29 species.

Additional specimens collected from Inner Mongolia by Dandan Zhang and Zhiqiang Li were examined recently, among which were the three new species belonging to the *Coleophora salicorniae* group that are described below. A distribution map of all the Chinese species of the *Coleophora salicorniae* group is included (Fig. 28).