

## Description of a new species, records of five previously unrecorded species, and rediscovery of a lost species in the genus *Ancylis* Hübner (Lepidoptera: Tortricidae) from China

BONG-KYU BYUN<sup>1</sup> & SHANCHUN YAN<sup>2</sup>

<sup>1</sup> Division of Bio-Specimen & Genetic Resources, Korea National Arboretum, Pocheon, Prov. Gyeonggi 487-821, Korea (e-mail: bkbyun@foa.go.kr)

<sup>2</sup> College of Forestry, Northeast Forestry University, Harbin 150040, China (e-mail: yanshanchun@nefu.edu.cn)

### ABSTRACT

We describe and illustrate *Ancylis youmiae*, sp. nov., from Heilongjiang (Laoyeling), China, and report five other species of *Ancylis* from China for the first time: *A. melanostigma* Kuznetsov, 1970, *A. partitana* (Christoph, 1881), *A. repandana* Kennel, 1901, *A. uncella* ([Denis & Schiffermüller], 1775), and *A. upupana* (Treitschke, 1835). *Ancylis mandarinana* (Walsingham, 1900), which has not been documented from China since its original description, is rediscovered. For all species we provide redescriptions, illustrations, and information on geographic distribution and host plants.

**Key words:** *Ancylis*, Tortricidae, Olethreutinae, new species, new records, China

### INTRODUCTION

The genus *Ancylis* Hübner (Tortricidae: Olethreutinae) is worldwide in distribution and currently includes 129 described species, representing about 1.4% of tortricid diversity (Brown 2005). Adults are relatively small moths; the larvae are leaf-rollers on a wide variety of arboreal plant families including Ericaceae, Salicaceae, Fagaceae, Betulaceae, Ulmaceae, Rhamnaceae, Fabaceae, and Rosaceae (Kawabe 1982; Kuznetsov 1987; Byun *et al.* 1998; Liu and Li 2002). Although the genus is well known in East Asia (e.g., 26 species from Japan, 14 from Korea, and 31 from Russian Far East) (Kawabe 1982; Sugi 2000; Byun *et al.* 1998; Kuznetsov 2001), only 11 species previously were reported from China (Guo *et al.* 1997; Liu & Li 2002). The purposes of this paper are to describe a new species, *Ancylis youmiae* sp. nov.; report five previously unrecorded species from China: *A. melanostigma* Kuznetsov, *A. partitana* (Christoph), *A. repandana* Kennel, *A. uncella*