

Additions to the Alberta Lepidoptera List, and Corrections to the 2016 Update

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This note is both an update to the provincial checklist, and a corrigendum to the 2016 update (Pohl & Macaulay 2016), which contained some errors, and the end of the article was accidentally omitted.

Tischeriidae

33.5 *Astrotischeria solidagonifoliella* (Clemens, 1859). Correction.

The report by Pohl & Macaulay (2016) was a misidentification; this species is not known from AB. It is added to the Erroneous species list at #E000.1.

34.1 *Astrotischeria occidentalis* (Braun, 1972). New record.

Specimens were reared from *Solidago*, collected at Waterton Lakes National Park in 2012 by GRP. Thanks to Charley Eiseman and Terry Harrison for confirming this identification.

Momphidae

224.1 *Mompha brevivittella* (Clemens). New record.

A series of reared specimens were collected in Edmonton in 2015 by Adrian Jones, and brought to GRP's attention by Colleen Raymond. They were reared from seed pods of Evening Primrose (*Oenothera* sp.). This species was previously known from eastern Canada as far west as MB. This species, and Adrian and Colleen, are the winners of the ALG's Wolley Dod Discovery Award in 2016, recognising new AB Lepidoptera discoveries. These specimens were originally identified in Pohl & Macaulay (2016), as *Astrotischeria solidagonifoliella* (Clemens), but that was erroneous, as pointed out by Charley Eiseman.



Mompha brevivittella
photo by GRP

Tortricidae

595.01 *Ancylis floridana* (Zeller, 1875). Correction.

This was incorrectly reported by Pohl & Macaulay (2016) as the valid name for records previously listed in North America as *A. comptana* (Frölich). That is incorrect. *Ancylis comptana* is reinstated at #595. *Ancylis floridana* is a synonym of *A. comptana*.

Noctuidae

2149.1 *Lacinipolia acutipennis* (Grote, 1880). New record.

In Schmidt's (2015) revision of the *Lacinipolia vicina* species group, he reinstated *L. acutipennis* as a valid species, for grassland populations (including some in AB) previously identified as *L. pensilis*. True *L. pensilis* (#2149) also occurs in AB, in the Rocky Mountains.

2149.2 *Lacinipolia sareta* (Smith, 1906). New status.

Lacinipolia vicina Grote (#2148) was historically reported across Canada, including AB. However, when Schmidt (2015) revised the *vicina* species group, he determined that most AB populations previously identified as *L. vicina* are in fact *L. sareta*. True *L. vicina* does not occur in AB; it is restricted to eastern NA. It should be added to the Erroneous Species List at #E153.1.

References (note this includes references that were inadvertently omitted from Pohl & Macaulay 2016):

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