

## A new species, *Stenodiplosis tectori* (Diptera: Cecidomyiidae), from cheatgrass, *Anisantha tectorum* (Poaceae)

RAYMOND J. GAGNÉ

USDA-ARS, Systematic Entomology Laboratory, 10th and Constitution,  
Washington, DC 20013, USA; email: rgagne@rcn.com;

JUAN MANUEL PERILLA LOPEZ

Department of Biological Sciences, Wright State University, 3640 Colonel Glenn Highway,  
Dayton OH 45435, USA; email: jmperrillal@gmail.com

**Abstract.** *Stenodiplosis tectori* Gagné and Perilla n. sp. is described.

### INTRODUCTION

A new species of gall midge, *Stenodiplosis tectori* (Diptera: Cecidomyiidae), from Greece that feeds in seeds of cheatgrass, *Anisantha tectorum* (Poaceae), was described in Rector *et al.* (2021), which appeared in an electronic-only journal. Due to an oversight, the article was not registered in the Official Register of Zoological Nomenclature (ZooBank) and thus was not published for purposes of zoological nomenclature. In order to make the name available, a succinct, Code-compliant extract from that article is published here. For further details on the insect's morphology, molecular sequence, biology, and possible use for the biological control of cheatgrass in western North America, see Rector *et al.* (2021).

### *Stenodiplosis tectori* Gagné and Perilla, new species

lsid:zoobank.org:act:2F1A67BB-0888-4E63-9302-3812B8099D36

**Diagnosis.** *Stenodiplosis tectori* is distinct and readily separated from all 12 previously described congeners by the presence in the larva of a spatula, in the female of an elongate pair of basal cercal setae that are at least  $\frac{3}{4}$  the length of the cerci, and, in both sexes, by the acropods that are only about one-third the length of that of the fifth tarsomeres.

**Type material:** Holotype, male, Maroneia, Greece, 40.87° 25.53°, 30-IV-2019, emerged V-2019, B. G. Rector, deposited in the National Museum of Natural History in Washington, DC, USA. Paratypes, 7 males, 11 females, 3 larvae, same data as holotype. Other specimens examined: 6 females on SEM stubs, same data as holotype.

**Etymology.** The species name is the genitive singular of *tectorum*, the specific epithet of the host plant.

### REFERENCE

- Rector, B.G., Gagné, R.J., Perilla López, J.M., Tonkel, K.C., Bon, M.-C., Guermache, F. & Cristofaro, M. 2021. Taxonomic description of *Stenodiplosis tectori* n. sp. (Diptera: Cecidomyiidae), a seed parasite of cheatgrass, *Anisantha tectorum*, based on morphological and mitochondrial DNA data. *Insects* 12(8), 755: [1–11].  
<https://doi.org/10.3390/insects12080755>.