Correction to: How the activity of natural enemies changes the structure and metabolism of the nutritive tissue in galls? Evidence from the *Palaeomystella oligophaga* (Lepidoptera) -*Macairea radula* (Metastomataceae) system

Uiara C. Rezende¹ · João Custódio F. Cardoso¹ · Vinícius C. Kuster² · Letícia A. Gonçalves² · Denis C. Oliveira¹

Published online: 2 January 2019
© Springer-Verlag GmbH Austria, part of Springer Nature 2018

Correction to: Protoplasma

<https://doi.org/10.1007/s00709-018-1321-2>

The original version of this article unfortunately contains an error.

The correct caption of Figures 2 and 3 are shown in this paper.

Fig. 2 Cross-sections of a gall fragment limited externally by parenchymal emergences (projections) and internally by the larval chamber, showing an outer cortex with distributed vascular bundles, transitory layer cells, and an inner cortex (a). Gall surface projections covered by trichomes (b). Outer cortex with different shapes and sizes of hypertrophied cells, thin cell walls, and intercellular spaces (c). Inner cortex, surrounding the single larval chamber (d), without evident intercellular spaces and laterally compacted, which causes a rectangular shape of the cells. Above the inner cortex occur a Transitory layer cortex composed of irregular cells (e), and below is the

cells adjacent to the larval chamber with conspicuous protoplasm (f). Em - emergence projections, VB - vascular bundles, OC - outer cortex, TLC - transitory layer cortex, IC - inner cortex, LC - larval chamber, Tr - trichomes, IS - intercellular spaces, Va - vacuole

Fig. 3 Gall macro-structure showing a single central larval chamber (LC), recovered by nutritive tissue (NT) followed by storage tissue (ST) (a). Starch grains found throughout the entire outer cortex defines this region as storage tissue (b). The accumulation of lipids (c) and proteins (d) on the inner cortex, defining the typical nutritive tissue. In galls with parasitoids, in larval stage, the proteins are relocated, appearing mainly within the vascular bundles in the cortex (e). Scale bars: a–d = 1 mm, e = 250 mm. VB - vascular bundles

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The online version of the original article can be found at <https://doi.org/10.1007/s00709-018-1321-2>

✉ Denis C. Oliveira
denisoliveira@ufu.br

¹ Laboratório de Anatomia, Desenvolvimento Vegetal e Interações (LADEVI); Instituto de Biologia, Universidade Federal de Uberlândia—UFU, Uberlândia, Brazil

² Instituto de Ciências Biológicas, Universidade Federal de Goiás—UFG, Regional Jataí, Jataí, Brazil