Correction to: Orius laevigatus strengthens its role as a biological control agent by inducing plant defenses

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The authors regret that values of χ^2 and P were published incorrectly. Therefore, the authors would like to include the following changes in the published article:

- **In the Key message; where it says**

“..... The results further show how the plant’s response to *O. laevigatus* increases emission of herbivore-induced plant volatiles (HIPVs) which can modulate the behavior of other arthropods (*Bemisia tabaci*, *Frankliniella occidentalis* and *Encarsia formosa*)...”, **it should say:**

“..... The results further show how the plant’s response to *O. laevigatus* increases emission of herbivore-induced plant volatiles (HIPVs) which can modulate the behavior of other arthropods (*Bemisia tabaci* and *Frankliniella occidentalis*)”

- **In the Abstract; where it says**

“..... These *O. laevigatus* plant-induced defenses are then shown to contribute to the repellence or attraction of pests or natural enemies, respectively. Specifically, *O. laevigatus*-punctured sweet pepper plants induce repellency for the whitefly *Bemisia tabaci* and the thrips species *F. occidentalis*. In contrast, the whitefly parasitoid *Encarsia formosa* was significantly attracted to *O. laevigatus*-punctured plants. The plant responses to *O. laevigatus* punctures include the release of an altered blend of volatiles”, **it should say:**

“..... These *O. laevigatus* plant-induced defenses are then shown to contribute to the repellence of pests. Specifically, *O. laevigatus*-punctured sweet pepper plants induce repellency for the whitefly *Bemisia tabaci* and the thrips species *F. occidentalis*. The plant responses to *O. laevigatus* punctures include the release of an altered blend of volatiles”

- **In the Results section; in “*Frankliniella occidentalis* and *B. tabaci* plant selection mediated by *O. laevigatus*” where it says:**

“In the Y-tube experiment, females of *F. occidentalis* showed preference for the odor emitted from intact plants over that from *O. laevigatus*-punctured plants ($\chi^2 = 19.931$; $P < 0.0001$) (Fig. 3). In the case of *B. tabaci*, tested females were also attracted to the odor emitted by intact sweet pepper plants in comparison to *O. laevigatus*-punctured plants ($\chi^2 = 17.071$; $P < 0.0001$) (Fig. 3). In contrast to both phytophagous insects, the parasitoid *E. formosa* significantly chose *O. laevigatus*-punctured plants over intact plants in the olfactometer assay ($\chi^2 = 6.250$; $P = 0.0124$) (Fig. 3).”, **it should say:**

“In the Y-tube experiment, females of *F. occidentalis* showed preference for the odor emitted from intact plants over that from *O. laevigatus*-punctured plants ($\chi^2 = 9.966$; $P = 0.0016$) (Fig. 3). In the case of *B. tabaci*, tested females were also attracted to the odor emitted by intact sweet

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pepper plants in comparison to *O. laevigatus*-punctured plants ($\chi^2 = 8.533$; $P = 0.0035$) (Fig. 3). In contrast to both phytophagous insects, the parasitoid *E. formosa* did not show a significant preference ($\chi^2 = 3.125$; $P = 0.0771$) when given a choice between *O. laevigatus*-punctured plants or intact plants in the olfactometer assay (Fig. 3)."

- **In the first paragraph of the Discussion; where it says**

"Furthermore, the modulated behavior of both pest species (*B. tabaci* and *F. occidentalis*) and a natural enemy (*E. formosa*) associated with sweet pepper, in response to...", **it should say:**

"Furthermore, the modulated behaviour of both pest species (*B. tabaci* and *F. occidentalis*) associated with sweet pepper, in response to..."

- **In the paragraph of the Discussion beginning with "Most of the plant defenses..."; where it says**

"It is shown here that activation of the JA and SA pathways in *O. laevigatus*-punctured plants is associated with aversion of both arthropod pests, *B. tabaci* and *F. occidentalis*, and by contrast, the whitefly parasitoid *E. formosa* was significantly attracted to *O. laevigatus*-punctured plants. Pérez-Hedo et al. (2015a) observed that the", **it should say:**

"It is shown here that activation of the JA and SA pathways in *O. laevigatus*-punctured plants is associated with aversion of both arthropod pests, *B. tabaci* and *F. occidentalis*. Pérez-Hedo et al. (2015a) observed that the...."

- **In Discussion, in the first paragraph of the last page; where it says**

"Therefore, the responses of *B. tabaci*, *F. occidentalis* and *E. formosa* were a direct consequence to the odor emitted

from the *O. laevigatus*-punctured sweet pepper plants.", **it should say:**

"Therefore, the responses of *B. tabaci* and *F. occidentalis* were a direct consequence to the odor emitted from the *O. laevigatus*-punctured sweet pepper plants."

- **In Discussion, in the second paragraph of the last page; where it says**

"In this paper, it has been shown that the particular volatile profile emitted by the *O. laevigatus*-punctured plant repelled *B. tabaci* and *F. occidentalis* and attracted *E. formosa*.", **it should say:**

"In this paper, it has been shown that the particular volatile profile emitted by the *O. laevigatus*-punctured plant repelled *B. tabaci* and *F. occidentalis*."

- **In the Fig. 3 caption, where it says:**

"Fig. 3 Response in Y-tube olfactometer of females of *F. occidentalis* (n = 33), *B. tabaci* (n = 33) and *E. formosa* (n = 34) to the odor emitted by intact sweet pepper and by sweet pepper plants previously exposed to *O. laevigatus*. Significant differences based on a χ^2 -test are marked using * ($P < 0.05$).", **it should say.**

"Fig. 3 Response in Y-tube olfactometer of females of *F. occidentalis* (n = 33), *B. tabaci* (n = 33) and *E. formosa* (n = 34) to the odor emitted by intact sweet pepper and by sweet pepper plants previously exposed to *O. laevigatus*. "n" indicates the number of individuals tested, "nc" indicates the number of individuals that did not make a choice and "n.s." indicates non-significance. Significant differences based on a χ^2 -test are marked using * ($P < 0.05$).

- **From the new corrected statistical values, Fig. 3 should read:**

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