



Corrigendum: Low-Light Dependence of the Magnetic Field Effect on Cryptochromes: Possible Relevance to Plant Ecology

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In the original article, there was an error. The definition of $f(x)$ (Equation 6) requires additional clarification, particularly the approach used to calculate $\Delta[\text{Cry}^*]/\Delta k_1$.

A correction has been made to the section LIGHT INTENSITY-DEPENDENCE OF THE MF EFFECT ON PLANTS, subsections I-Dependence of the MF Effect on Cry, and I-Dependence of the MF Effect on Cry Signaling State, Paragraph 3.

“... where $f(x)$ gives the solution for $\Delta[B]_{\text{eq}}/\Delta k_a$ ($\Delta[\text{Cry}^*]/\Delta k_1$) according to $\log(k_a/k_b)$ for the case where Δk_a (Δk_1) = 20%, that is within the range of values possibly caused by the GMF, i.e., 1–50% (Maeda et al., 2012; Kattnig et al., 2016). Note $f(x)$ remains similar within that range. For $\Delta k_a = 1$ or 50%, it is, respectively, slightly shifted to the right (centered at $x \sim 0$) or to the left (centered at $x = -0.5$), and its slope remains similar. $\Delta[\text{Cry}^*]/\Delta k_1$ is then calculated for different I and T values, with $x = \log(k_1/k_2 + k_{1b})$ at each respective values.”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way.

The original article has been updated.

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Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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