Correction to: Physiological, photochemical, and antioxidant responses of wild and cultivated *Carthamus* species exposed to nickel toxicity and evaluation of their usage potential in phytoremediation

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Published online: 22 September 2021

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Correction to: Environmental Science and Pollution Research
<https://doi.org/10.1007/s11356-021-15493-y>

The image of Fig. 3 was not replaced during proof corrections. Revised and corrected Fig. 3 was loaded to journal system as attached file.

The Original article has been corrected.

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The online version of the original article can be found at <https://doi.org/10.1007/s11356-021-15493-y>

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Fig. 3 Changes in the polyphasic chlorophyll a fluorescence kinetics of safflower species exposed to nickel (Ni) toxicity (main plot: **A** *Carthamus oxyacantha*; **B**, *C. tinctorious*). The transients are plotted on a logarithmic time scale (0.01–1 s). The upper insert (left) shows the relative

fluorescence between the steps (O–K, O–J, I–P) and V_K/V_J ratio (a possible indicator of limitation of the oxygen evolving complex, OEC), and the bottom insert shows the relative variable fluorescence (ΔV_t) between F_0 and F_M