

## Erratum to: A comparative analysis of photosynthetic recovery from thermal stress: a desert plant case study

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Published online: 15 October 2014  
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**Erratum to: Oecologia (2014) 175:1051–1061**  
**DOI 10.1007/s00442-014-2988-5**

We notify of an error in the caption of Fig. 1, relating to  $\Delta F/F_{M'}$  and the associated equation. The caption should read as follows:

**Fig. 1** Photochemical quantum yield in response to heat stress treatments, as demonstrated in *Acacia papyrocarpa* during summer. **a** Control measurements of maximum quantum yield of PSII ( $PS_{FV/F_M}$ ) and effective quantum yield ( $PS_{\Delta F/F_{M'}}$ ) were measured prior to heat stress.  $F_V/F_M$  was measured 2 h after stress treatment and after a further recovery period of ca. 16 h ( $D2_{FV/F_M}$ , indicating day 2 of measurements) at 46, 48, 50, 52–54 °C and

a control temperature of 28 °C. **b**  $\Delta F/F_{M'}$  was measured immediately following stress treatment, 1.5 h after and on day 2 following dark-adapted measurements and an additional 15 min under control conditions in order to light-adapt samples. **c** The difference between pre-stress and day 2 maximum quantum yield was used as a simple measure of damage to PSII ( $D_{PSII} = (D2_{FV/F_M} / PS_{FV/F_M})$ ), *solid symbols*. Recovery from heat stress was measured as the proportion of initial loss of photosynthetic efficiency that was recovered by day 2 of measurements ( $R_{\Phi PSII} = (D2_{\Delta F/F_{M'}} - 1.5h) / (PS_{\Delta F/F_{M'}} - 1.5h)$ ), *open symbols*. For all data points  $n = 10 \pm$  standard error. *Dashed lines* are for ease of reading patterns and not representative of continuous time

The online version of the original article can be found under  
doi:10.1007/s00442-014-2988-5.

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