

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

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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 (D_{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 ($D_{PSII} = (D_{FV/F_M}/PS_{FV/F_M})$), 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 ($R_{\Phi PSII} = (D_{\Delta F/F_M'} - 1.5h)/(PS_{\Delta F/F_M'} - 1.5h)$), 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

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