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ERRATUM

Erratum to: Fitting net photosynthetic light-response curves with *Microsoft Excel* – a critical look at the models

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A few errors in Table 3, equations 14,16, 18, 25, 29, and 38, and two supplementary files (ESM4 and ESM9) were found in the above-mentioned paper. The corrected table and equations are published here. However, these errors do not compromise the discussion and analysis in the paper.
The publisher and authors apologize for these errors and for inconveniences they may have caused.

Table 3. The variables calculated from the models. I_{comp} – light compensation point [μmol(photon) m^{-2} s^{-1}]; I_{max} – light saturation point beyond which there is no significant change in P_N [μmol(photon) m^{-2} s^{-1}]; I_{sat} – light saturation point [μmol(photon) m^{-2} s^{-1}]; $I_{sat(50)}$ – light saturation point for $A + R_D$ equal to 50% of P_{Nmax} [μmol(photon) m^{-2} s^{-1}]; $I_{sat(85)}$ – light saturation point for $A + R_n$ equal to 85% of P_{Nmax} [μmol(photon) m^{-2} s^{-1}]; $I_{sat(90)}$ – light saturation point for $A + R_n$ equal to 90% of P_{Nmax} [μmol(photon) m^{-2} s^{-1}]; $I_{sat(95)}$ light saturation point for $A + R_D$ equal to 95% of P_{Nmax} [μmol(photon) m^{-2} s^{-1}]; P_{gmax} – maximum gross photosynthetic rate [μmol(CO_2) m^{-2} s^{-1}]; $P_{N(Imax)}$ – maximum net photosynthetic rate obtained at $I = I_{max}$ [μmol(CO_2) m^{-2} s^{-1}]; R_D – dark respiration [μmol(CO_2) m^{-2} s^{-1}]; $\phi_{(I_{comp})}$ – quantum yield at $I = I_{comp}$ [μmol(CO_2) μmol(photon)$^{-1}$]; $\phi_{(I_{comp} - I_{200})}$ – quantum yield at the range between I_{comp} and I = 200 μmol(photon) m^{-2} s^{-1} [μmol(CO_2) μmol(photon)$^{-1}$]; $\phi_{(I_0)}$ – quantum yield at I = 0 μmol(photon) m^{-2} s^{-1} [μmol(CO_2) μmol(photon)$^{-1}$]; $\phi_{(I_0 - I_{comp})}$ – quantum yield at the range between I = 0 μmol(photon) m^{-2} s^{-1} and I_{comp} [μmol(CO_2) μmol(photon)$^{-1}$]. *Photosynthetic active radiation values above the range employed to make the measurements. **Photosynthetic active radiation values above the maximum that reaches the Earth's surface.

Calculated variab	Mathematical models								
	Eq. 1	Eq. 2	Eq. 3	Eq. 4	Eq. 5	Eq. 6	Eq. 8	Eq. 9	Eq. 11
I_{comp}	22.5	22.5	22.7	20.2	20.2	23.4	22.0		
$I_{sat(50)}$	261.4	261.4	209.4	211.0	211.0	235.6	210.1	210.1	211.1
$I_{sat(85)}$	1,376.3	1,376.3	559.2	462.4	462.4	1,022.7	537.0	537.0	678.0
$I_{sat(90)}$	2,172.6*	2,172.6*	713.1	539.8	539.8	1,564.3	647.0	647.0	854.6
$I_{sat(95)}$	4,561.7**	4,561.7**	1,047.6	668.7	668.7	3,179.1**	835.2	835.2	1,148.4
I_{sat}									2,289.9*
I_{max}	1537.0	1,949.0	1,030.0	847.0	847.0	1,348.0	1,008.0	1,008.0	1,297.0
P_{gmax}									17.1
$P_{N(Imax)}$	15.2	15.7	14.5	14.4	14.4	14.9	14.5	14.5	14.9
R_D									1.7
$\phi_{(I_0)}$		0.0899			0.0433			0.0597	0.0824
$\phi_{(I_{comp})}$	0.0738	0.0738	0.0490	0.0431	0.0431	0.0638	0.0550	0.0574	0.0694
$\phi_{(I_0 - I_{comp})}$	0.0816	0.0816	0.0492	0.0432	0.0432	0.0674	0.0573	0.0586	0.0757
$\phi_{(I_{comp} - I_{200})}$	0.0410	0.0410	0.0416	0.0391	0.0391	0.0421	0.0400	0.0410	0.0409

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The erratum includes two corrected supplementary files.
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$$I_{\text{sat}} = \frac{\sqrt{\frac{(\beta+\gamma)\times(1+\gamma\times I_{\text{comp}})}{\beta}}-1}{\gamma} \qquad (14)$$

$$\phi_{(I)} = \frac{I_{(50)}\times P_{\text{gmax}}}{(I+I_{(50)})^2} \qquad (16)$$

$$\phi_{(I)} = \phi_{(I_o)}\times \operatorname{sech}^2\left(\frac{\phi_{(I_o)}\times I}{P_{\text{gmax}}}\right) = \phi_{(I_o)}\times\left[\frac{1}{\cosh^2\left(\frac{\phi_{(I_o)}\times I}{P_{\text{gmax}}}\right)}\right] \qquad (18)$$

$$I_{\text{comp}} = \frac{I_{(50)}\times R_{\text{D}}}{P_{\text{gmax}}-R_{\text{D}}} \qquad (25)$$

$$I_{\text{comp}} = \frac{R_{\text{D}}\times(\theta\times R_{\text{D}}-P_{\text{gmax}})}{\phi_{(I_o)}\times(R_{\text{D}}-P_{\text{gmax}})} \qquad (29)$$

$$I_{\text{sat}(n)} = I_{\text{comp}} - \frac{\ln\left\{1-\left[\frac{\frac{n}{100}\times(P_{\text{gmax}}-R_{\text{D}})+R_{\text{D}}}{P_{\text{gmax}}}\right]\right\}}{k} \qquad (38)$$