

References

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Received 17 April; accepted 11 June 1986

Errata:

Planta (1986) **167**, 351–358, by J.R. Evans: The relationship between carbon-dioxide-limited photosynthetic rate and ribulose-1,5-bisphosphate-carboxylase content in two nuclear-cytoplasm substitution lines of wheat, and the coordination of ribulose-bisphosphate-carboxylation and electron-transport capacities

Figures 5 and 6 on p. 355 were unfortunately printed in reverse order so that their legends did not match. The figures should have appeared as follows:

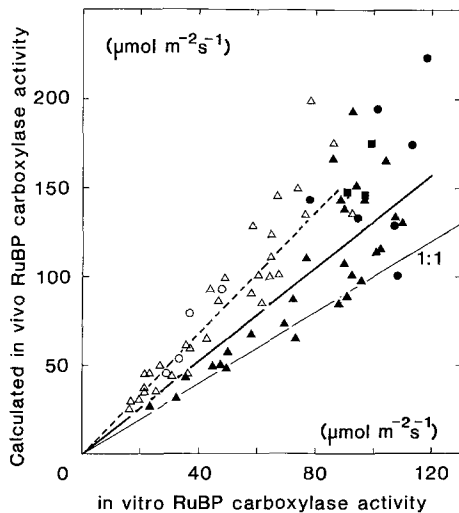


Fig. 5. Calculated in-vivo RuBPCase activity, V_c , versus RuBPCase activity measured in-vitro. Symbols as in Fig. 3; closed = *T. aestivum* cytoplasm, open = *T. boeoticum* cytoplasm. The in-vivo activity was calculated from equations 5 and 6 and the in-vitro activity was calculated from equation 6 with the RuBPCase content and the turnover numbers in Table 1. For Chinese Spring, — $y = 1.31 (\pm 0.06)x$, $r^2 = 0.68$; Chinese Spring (*T. boeoticum*), --- $y = 1.81 (\pm 0.06)x$, $r^2 = 0.86$ (or if $g_w = 0.64 \text{ mol} \cdot \text{m}^{-2} \cdot \text{s}^{-1} \cdot \text{bar}^{-1}$, $y = 1.62 [\pm 0.04]x$, $r^2 = 0.88$) where all the regressions were constrained to pass through the origin

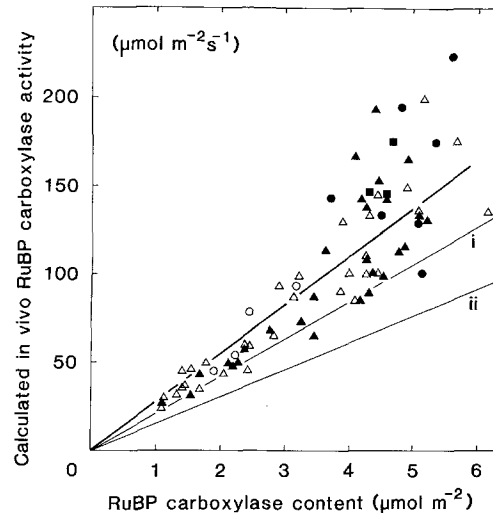


Fig. 6. Calculated in-vivo RuBPCase activity, V_c , versus RuBPCase content, E . Symbols as in Fig. 3; closed = *T. aestivum* cytoplasm, open = *T. boeoticum* cytoplasm. For Chinese Spring $y = 27.6 (\pm 1.3)x$, $r^2 = 0.68$, Chinese Spring (*T. boeoticum*), $y = 27.4 (\pm 0.9)x$, $r^2 = 0.86$, where the regressions were constrained to pass through the origin. The uppermost line is the regression and the theoretical lines are shown for (i) $k_c = 21.1 \text{ mol CO}_2 \cdot (\text{mol enzyme})^{-1} \cdot \text{s}^{-1}$ and (ii) $15.1 \text{ mol CO}_2 \cdot (\text{mol enzyme})^{-1} \cdot \text{s}^{-1}$

Planta (1986) **168**, 523–529, by P.J. McAuley: Glucose uptake by symbiotic *Chlorella* in the green-hydra symbiosis
The irradiance in the illuminated incubator (p. 524, column 1, lines 5–1) should read:
 $6.0 \cdot 10^{-5} \text{ mol photons m}^{-2} \cdot \text{s}^{-1}$