

- Leigh, R.A., Walker, R.R. (1980) ATPase and acid phosphatase activities associated with vacuoles isolated from storage roots of red beet (*Beta vulgaris* L.). *Planta* **150**, 222–229
- Martinoia, E., Heck, U., Wiemken, A. (1981) Vacuoles as storage compartments for nitrate in barley leaves. *Nature* (London) **289**, 292–294
- Smith, F.A., Raven, J.A. (1979) Intracellular pH and its regulation. *Annu. Rev. Plant. Physiol.* **30**, 289–311
- Sovonick, S.A., Geiger, D.A., Fellows, R.J. (1974) Evidence for active phloem loading in the minor veins of sugar beet. *Plant Physiol.* **54**, 886–891
- Thom, M., Komor, E., Maretzki, A. (1982) Vacuoles from sugarcane suspension cultures. II. Characterization of sugar uptake. *Plant Physiol.* **69**, 1320–1325
- Werdan, K., Heldt, H.W., Geller, G. (1972) Accumulation of bicarbonate in intact chloroplasts following a pH gradient. *Biochim. Biophys. Acta* **283**, 430–441
- Willenbrink, J., Doll, S. (1979) Characteristics of the sucrose uptake system of vacuoles isolated from red beet tissue. Kinetics and specificity of the sucrose uptake system. *Planta* **147**, 159–162
- Wyn Jones, R.G., Storey, R., Leigh, R.A., Ahmad, N., Pollard, A. (1977) A hypothesis on osmotic osmoregulation. In: Regulation of cell membrane activity in plants, pp. 121–136, Marré, E., Ciferri, O., eds. Elsevier/North-Holland Biomedical Press, Amsterdam

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### Erratum

*Planta* (1984) **160**, 41–51, paper by M. Iino, W.R. Briggs, E. Schäfer: Phytochrome-mediated phototropism in maize seedling shoots.

In the legend to Fig. 1 it should read “with a fixed fluence rate of either 3.2 or 7.0  $\mu\text{mol m}^{-2} \text{s}^{-1}$ ” (instead of 0.32 or 0.7).