

tion by Na for the normal role of K in the cytoplasm (compare Flowers and Läuchli 1983). As we have argued elsewhere (e.g. in the root tip, Flowers et al. 1986), there would be an advantage to increasing the K:Na ratio in the cytoplasm since translational efficiency increases with an increasing ratio of K to Na (Wyn Jones et al. 1979).

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Erratum

Planta (1988) 176:1–9, paper by E. Bartnik and A. Sievers: In vivo observations of a spherical aggregate of endoplasmic reticulum and of Golgi vesicles in the tip of fast-growing *Chara* rhizoids.

In the legends to Figs. 1, 2, 5, 6, 7 and 8 it should read $\times 1600$, $\times 1300$, $\times 2000$, $\times 1800$, $\times 2000$, $\times 2000$, $\times 2000$, respectively.