

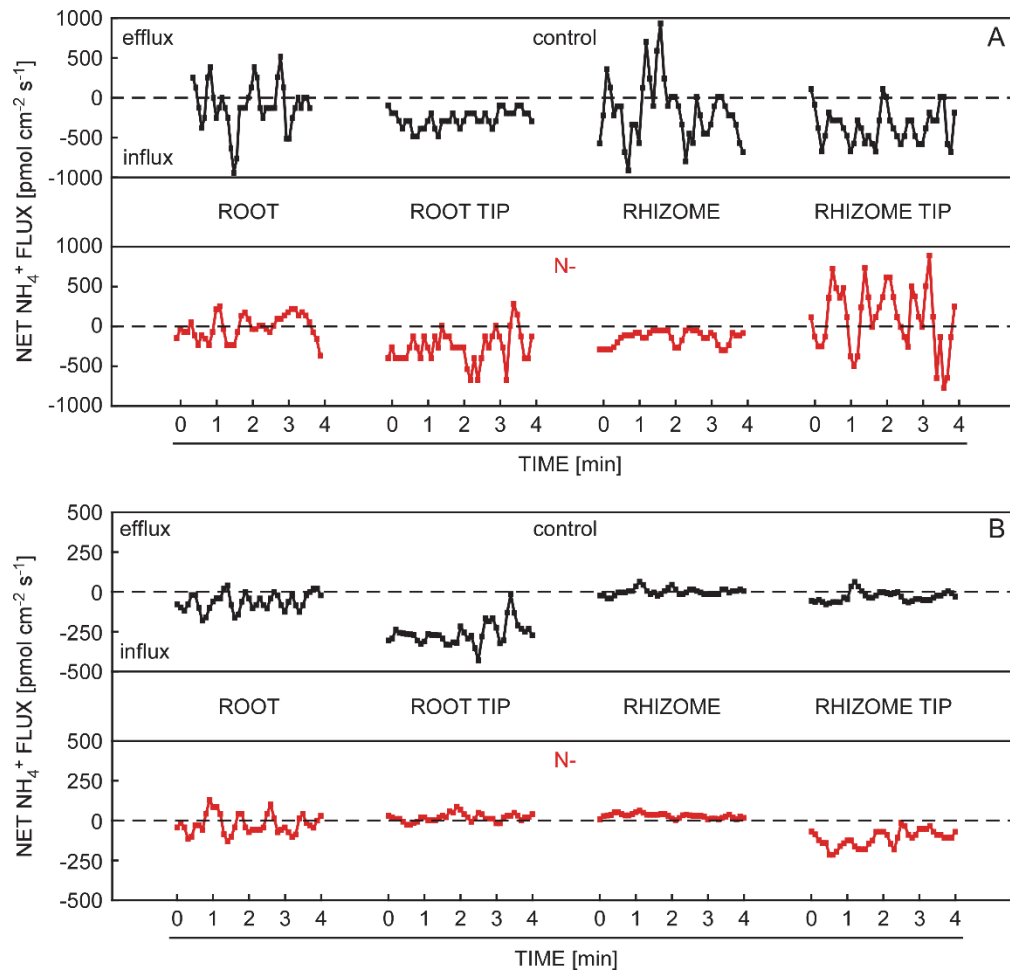


Fig. 1 Suppl. Net NH_4^+ flux profiles in the different parts of roots and rhizomes under NO_3^- -sufficient (control, *black*) or nitrogen-deficient (N-, *red*) conditions. The 3 mM NH_4^+ (A) and 0.1 mM NH_4^+ (B) flux profiles of the root mature zone, root tip, rhizome mature zone, and rhizome tip. The data at each point were collected every 6 s during a 4 min recording.

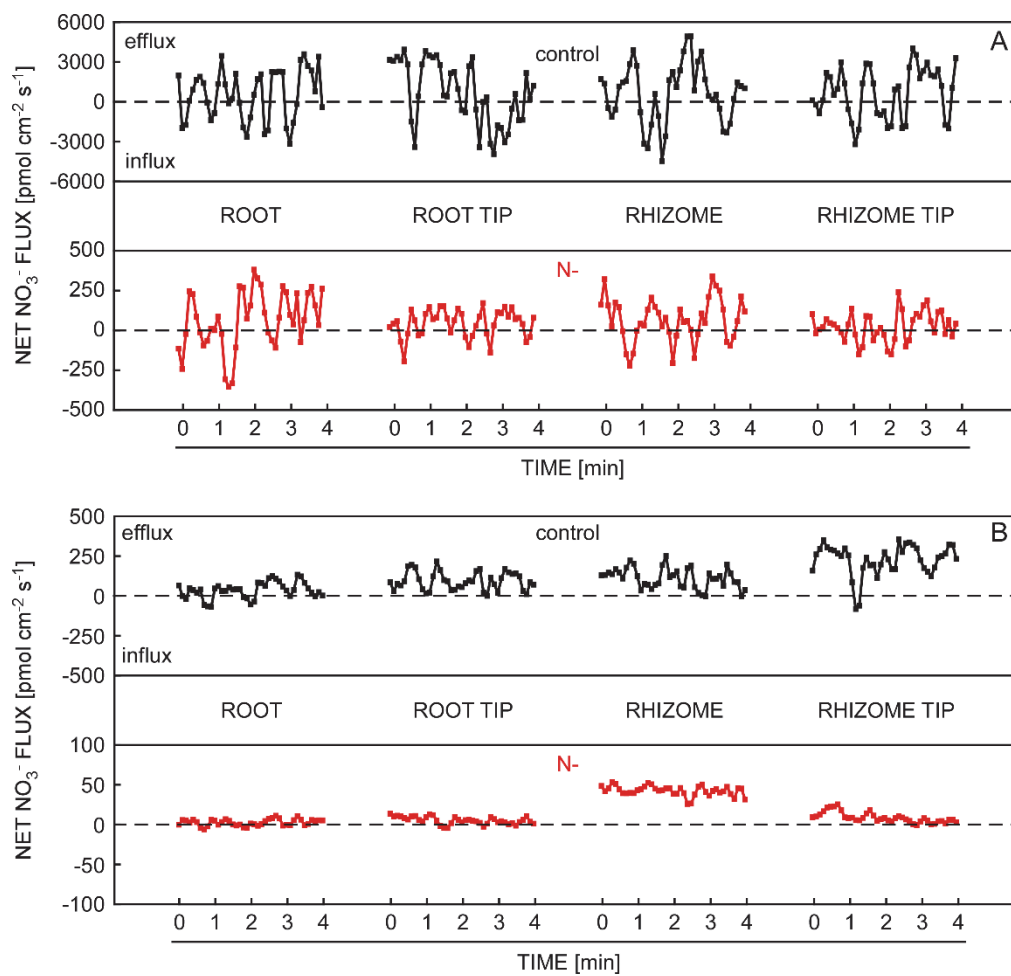


Fig. 2 Suppl. Net NO_3^- flux profiles in the different parts of roots and rhizomes under NO_3^- -sufficient (control, *black*) or nitrogen-deficient (N-, *red*) conditions. The 3 mM NO_3^- (A) and 0.1 mM NO_3^- (B) flux profiles of the root mature zone, root tip, rhizome mature zone, and rhizome tip. The data at each point were collected every 6 s during a 4 min recording.