

Electronic Annex:

Fig. A1. Laboratory incubation of peat cores (n=3 per treatment) in month 18 following the peat transplant experiment. CO₂ emission rates.

Fig. A2. Laboratory incubation of peat cores (n=3 per treatment) in month 18 following the peat transplant experiment. CH₄ emission rates.

Fig. A3. Laboratory incubation of peat cores (n=3 per treatment) in month 18 following the peat transplant experiment. $\delta^{13}\text{C-CO}_2$.

Fig. A4. Laboratory incubation of peat cores (n=3 per treatment) in month 18 following the peat transplant experiment. $\delta^{13}\text{C-CH}_4$.

Fig. A5. Effect of the peat transplant on C concentration (means \pm SE, n=5). Asterisks denote statistically significant differences (p<0.05). Comparison of peat from the same site of origin is in each panel.

Fig. A6. Year vs. depth representation of peat accumulation. VJJ and CB (this study; black symbols) exhibited higher rates of peat accumulation compared to 5 sites in Europe (Novak et al., 2008; open circles), and 5 sites in the US (Wieder et al., 1994; chequered area).

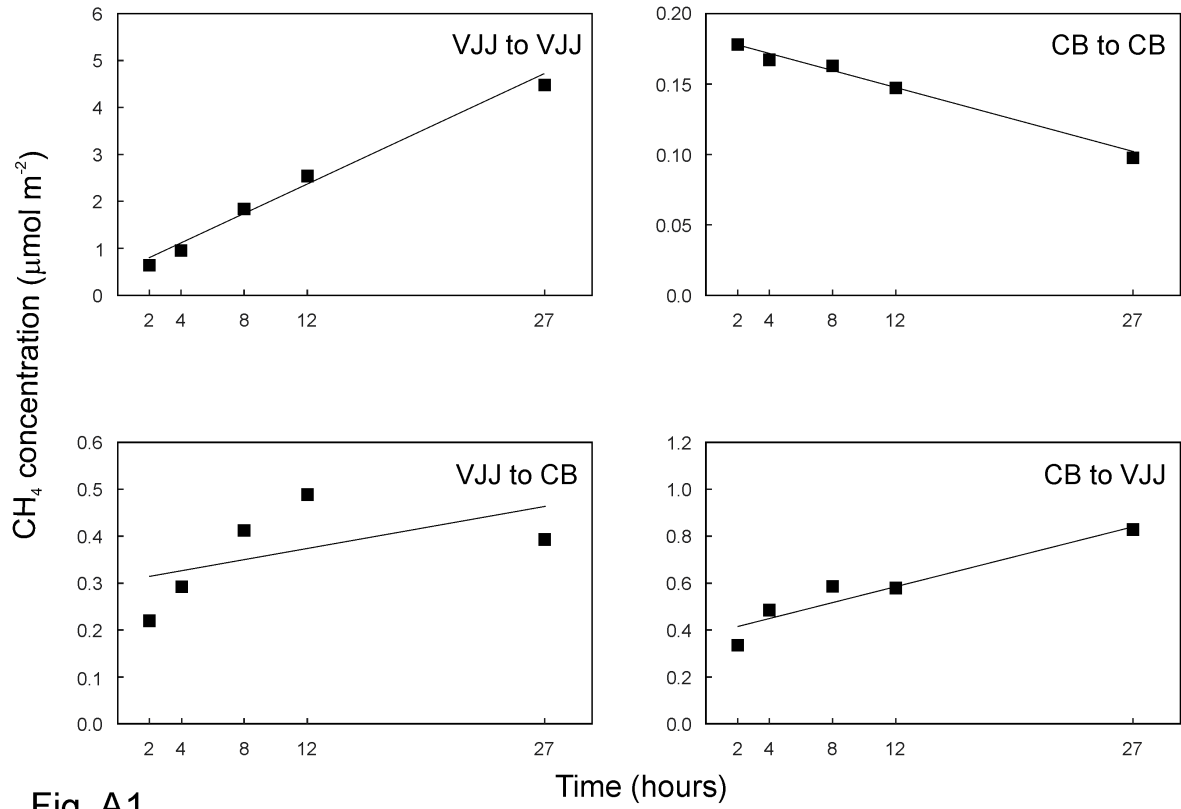


Fig. A1

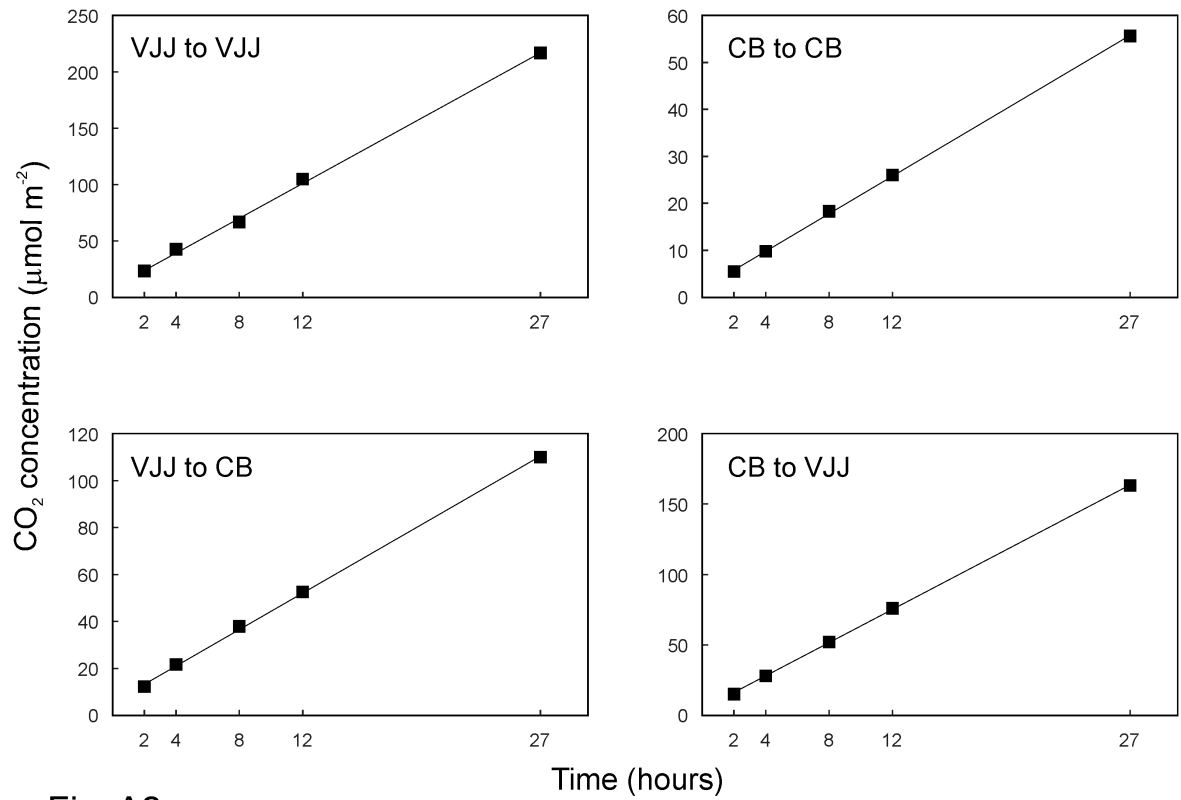


Fig. A2

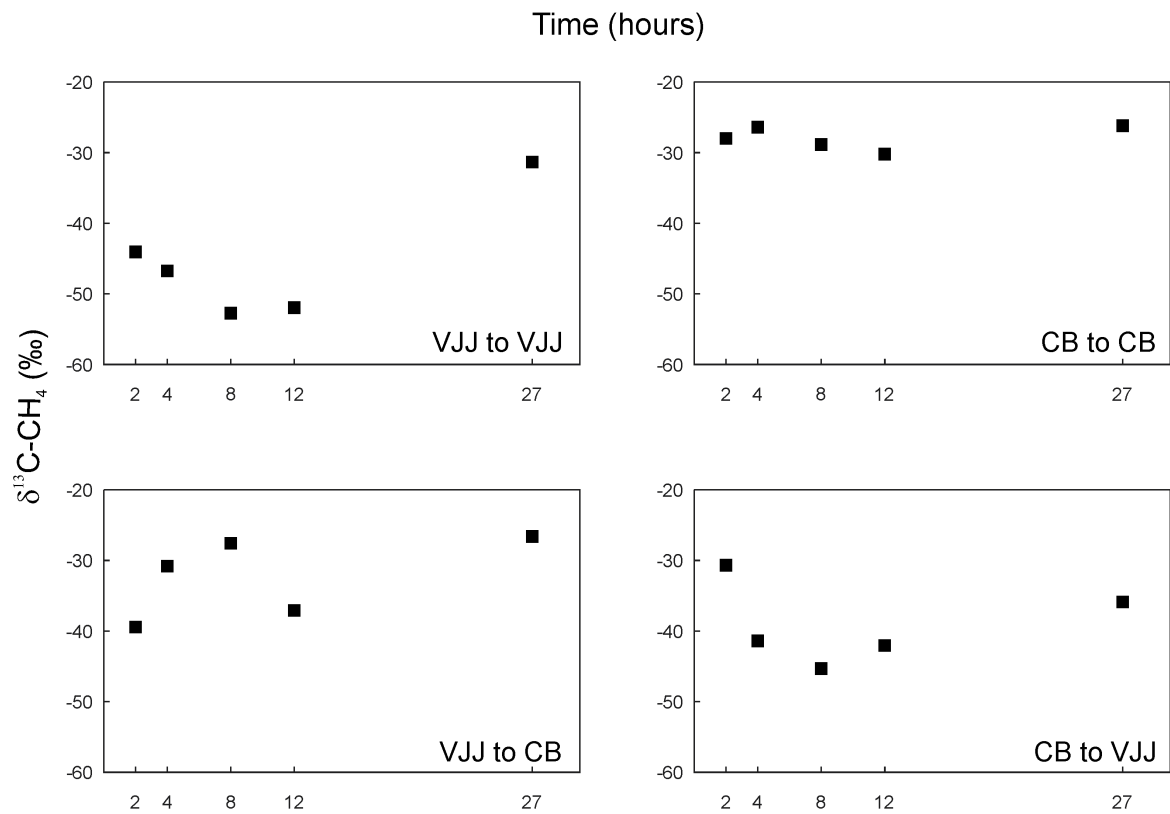


Fig. A3

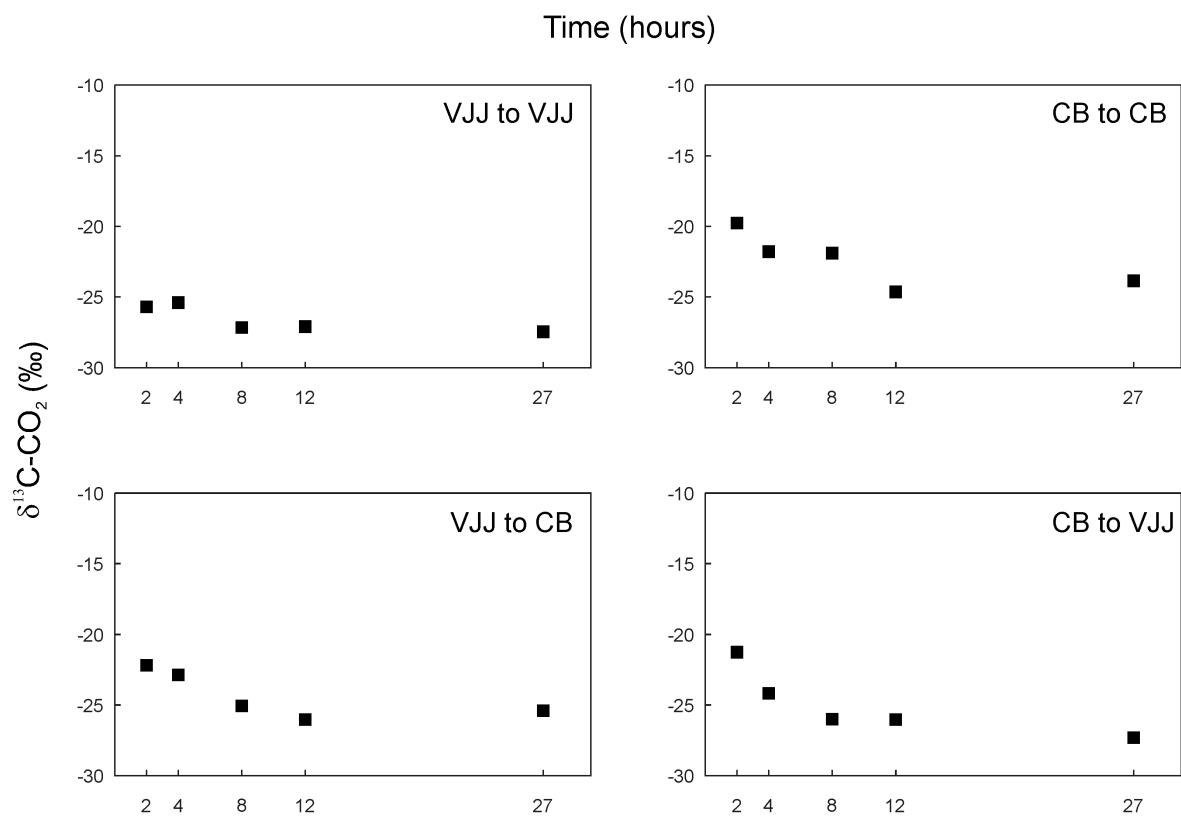


Fig. A4

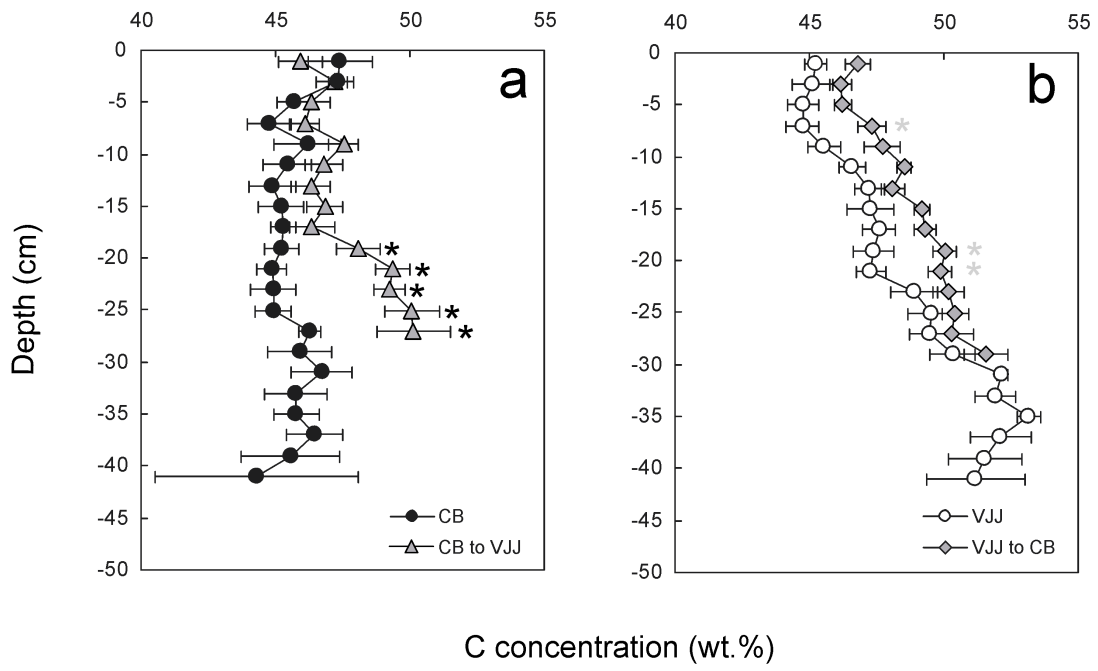


Fig. A5

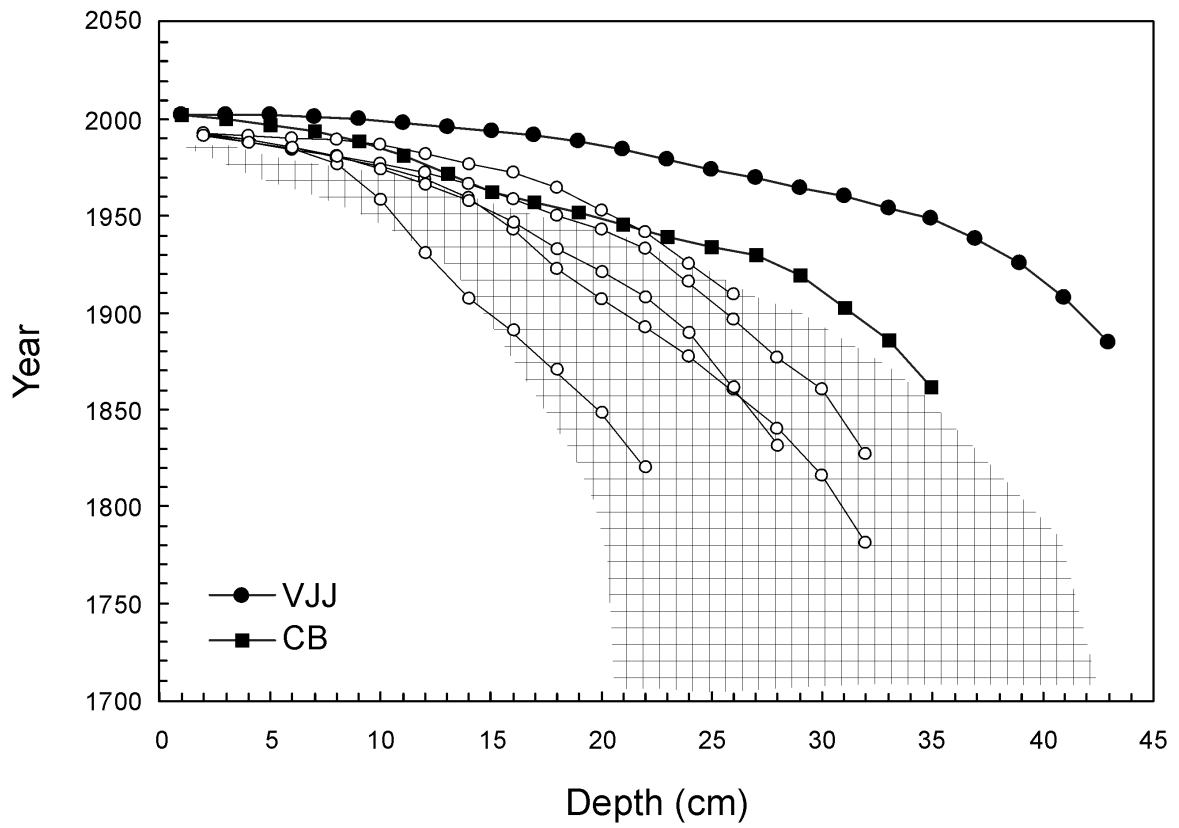


Fig. A6