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Supplementary information

Mycorrhiza – Original Paper

Carbon for nutrient exchange between *Lycopodiella inundata* and *Mucoromycotina* fine root endophytes is unresponsive to high atmospheric CO₂.

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This file contains the following information:

Figure S1: Schematic diagram and photograph of radio and stable isotope tracing system for a lycophyte host plant.

Figure S2: Comparison of colonisation of root segments colonised by CO₂ treatment.

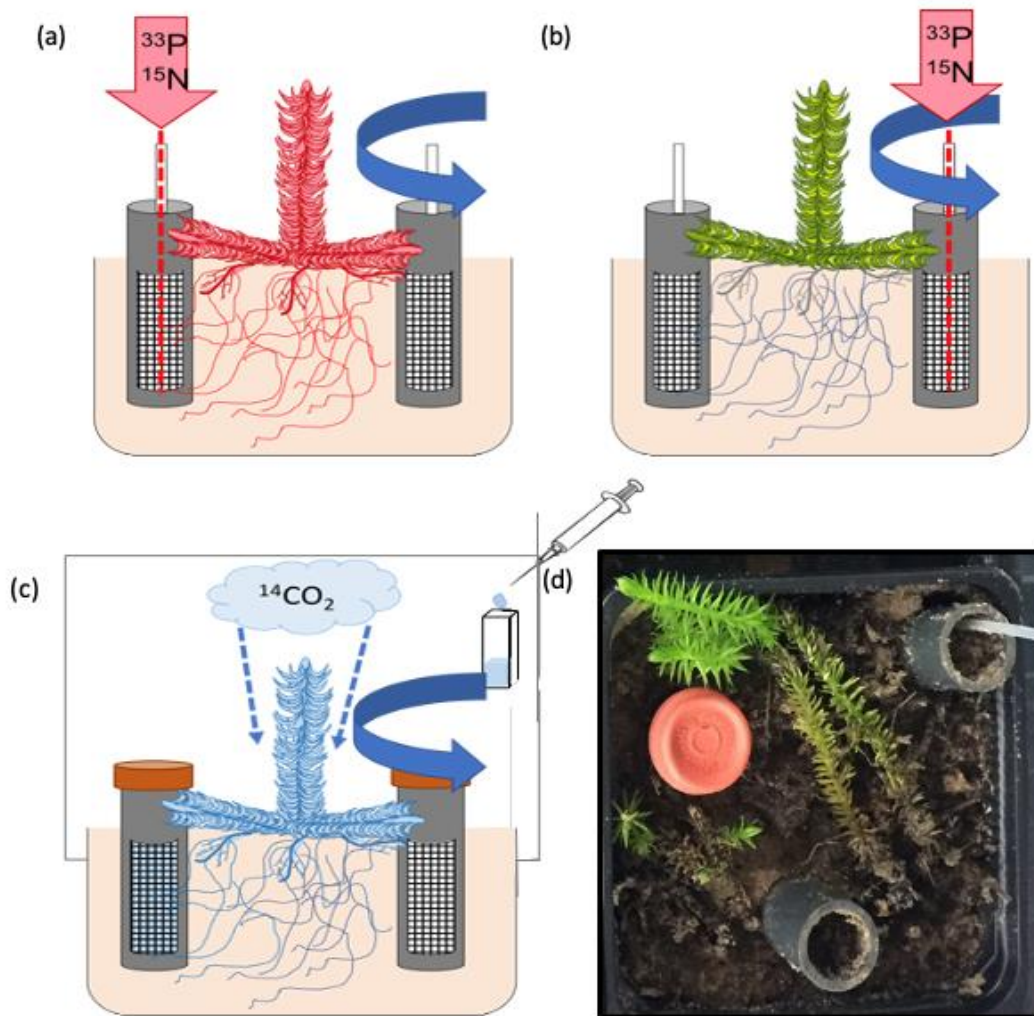
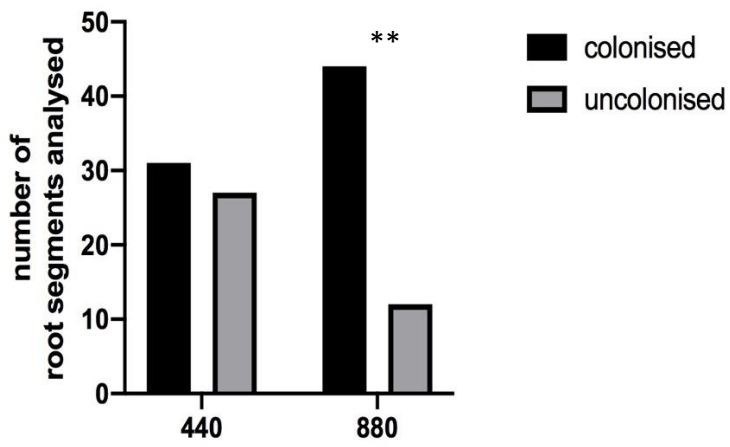


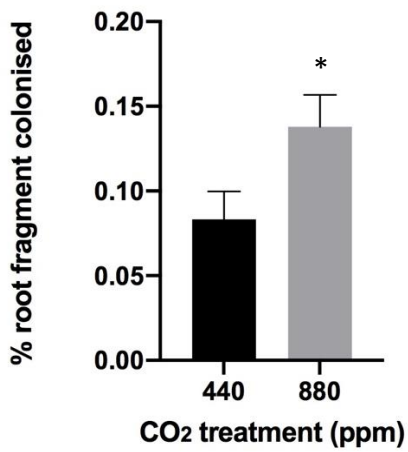
Figure S1. Schematic diagram and photograph of radio and stable isotope tracing experiment for a lycophyte host plant. (a) Microcosm containing static core in which ^{33}P and ^{15}N was injected; (b) Microcosm containing rotated core in which ^{33}P and ^{15}N was injected; (c) Microcosm set-up enclosed in an air-tight container in which ^{14}C isotope tracing was conducted and (d) Photograph of *Lycopodiella inundata*-MFRE radio- and stable isotope tracing experimental system.

a)



b)

Mean total population analysed



c)

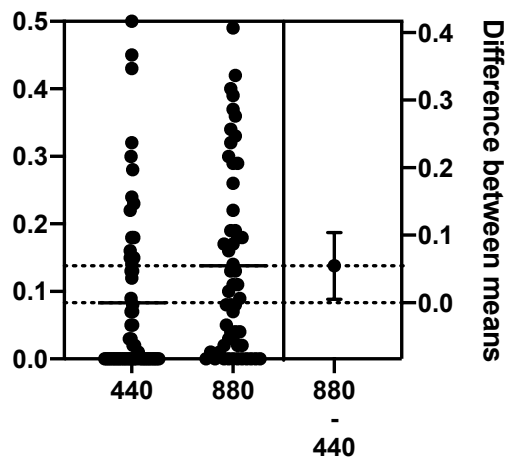


Figure S2. Comparison of colonisation of root segments colonised by CO₂ treatment. a) Proportion of total root segments analysed (Fisher's exact test, P value <0.01); b) Mean percentage colonised per root fragment (440 = 8.328%; 880 = 13.8%); c) Difference between the population means (0.05469 ± 0.02507 ; P value < 0.05).