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**Article:**

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## **Supplementary information**

### **Mycorrhiza – Original Paper**

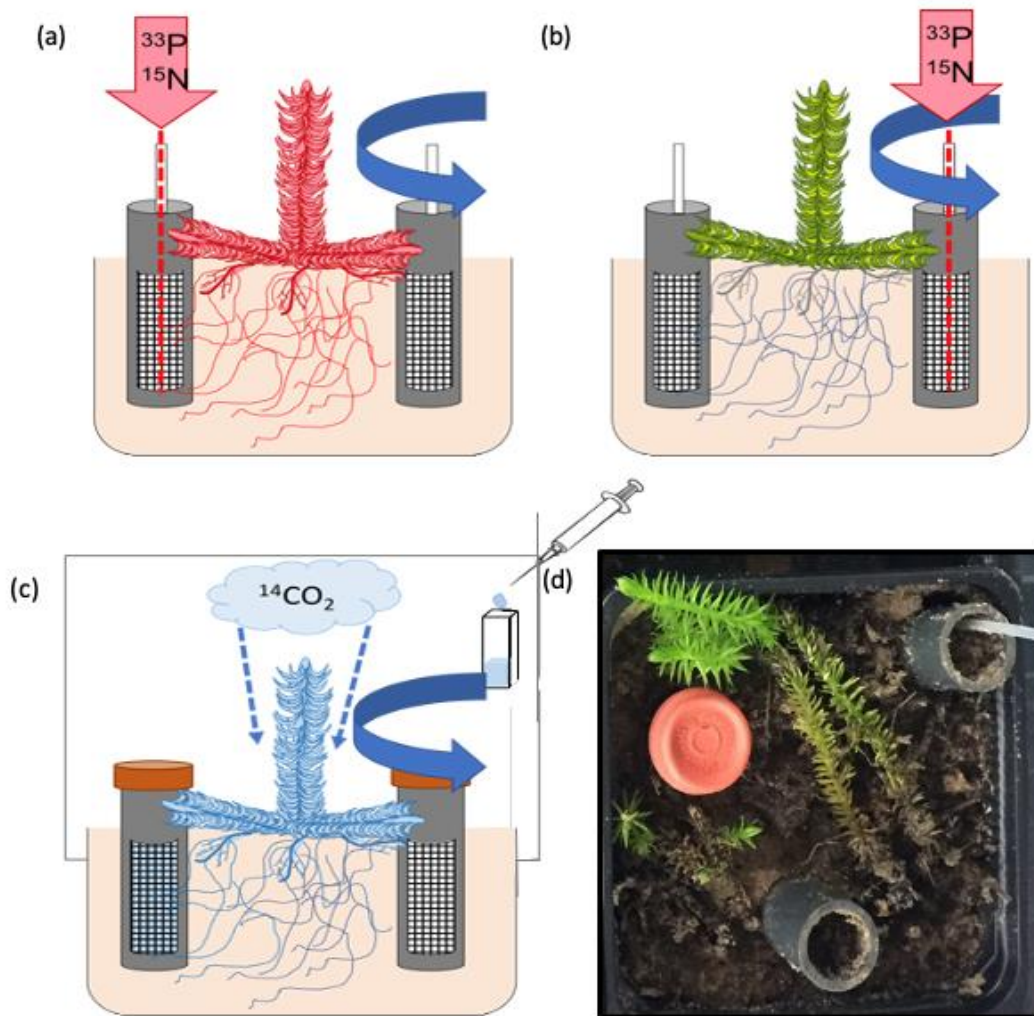
#### **Carbon for nutrient exchange between *Lycopodiella inundata* and *Mucoromycotina* fine root endophytes is unresponsive to high atmospheric CO<sub>2</sub>.**

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Katie J. Field<sup>1</sup>

#### **This file contains the following information:**

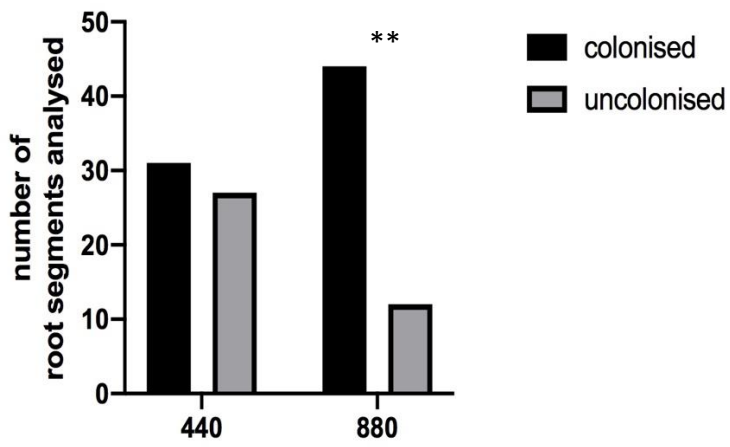
**Figure S1:** Schematic diagram and photograph of radio and stable isotope tracing system for a lycophyte host plant.

**Figure S2:** Comparison of colonisation of root segments colonised by CO<sub>2</sub> treatment.



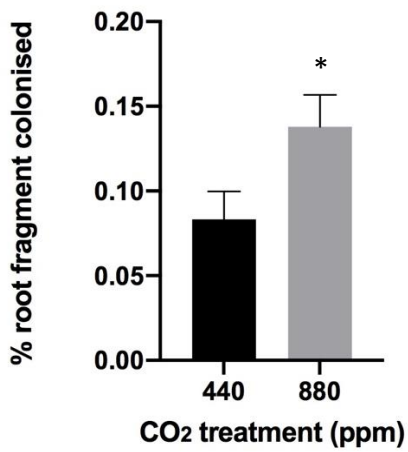
**Figure S1.** Schematic diagram and photograph of radio and stable isotope tracing experiment for a lycophyte host plant. (a) Microcosm containing static core in which  $^{33}\text{P}$  and  $^{15}\text{N}$  was injected; (b) Microcosm containing rotated core in which  $^{33}\text{P}$  and  $^{15}\text{N}$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

a)

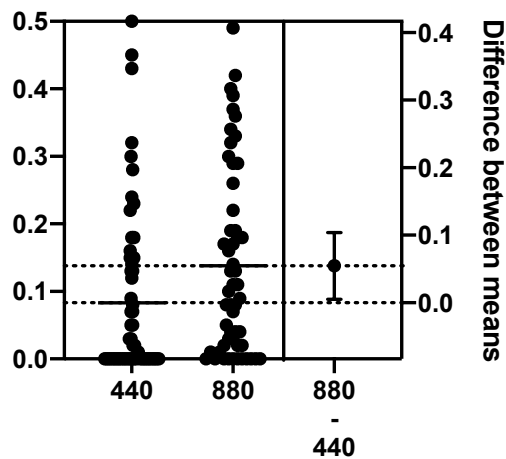


b)

### Mean total population analysed



c)



**Figure S2.** Comparison of colonisation of root segments colonised by CO<sub>2</sub> 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 ( $0.05469 \pm 0.02507$ ; P value < 0.05).