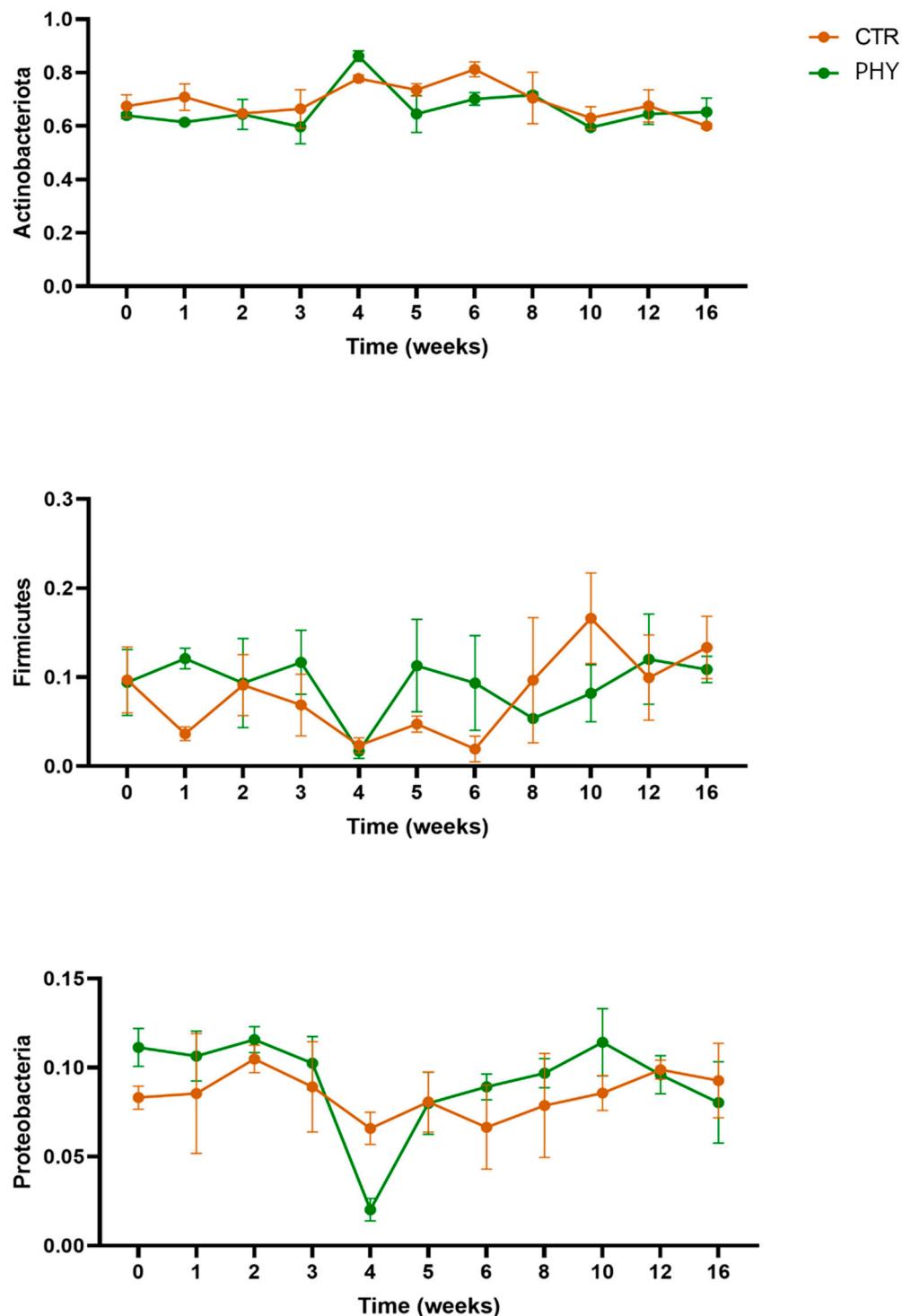


*Supplementary Material*

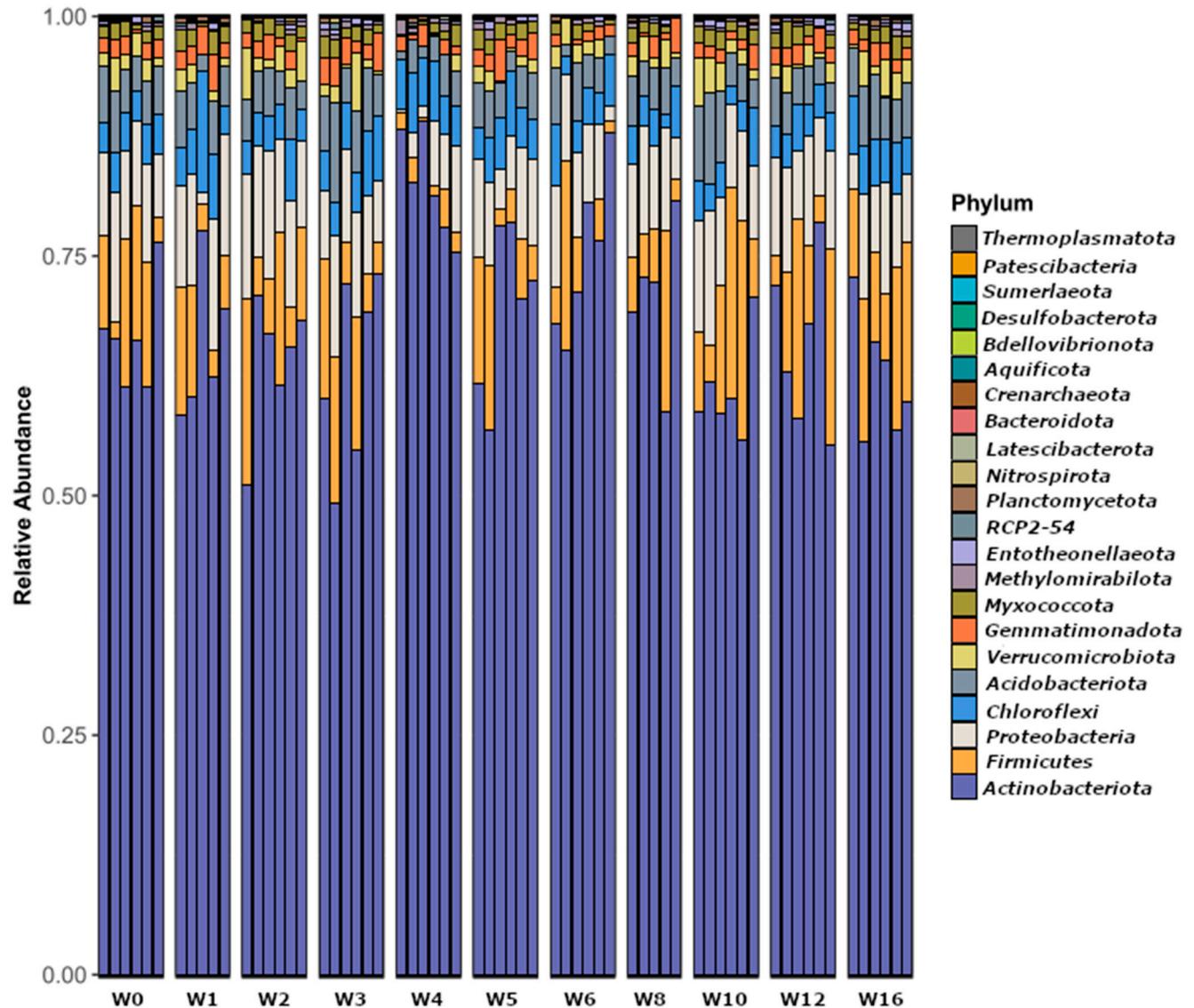
# **Application of phytogenic liquid supplementation on soil microbiome restoration in Queensland pasture dieback**

## **Supplementary Material**

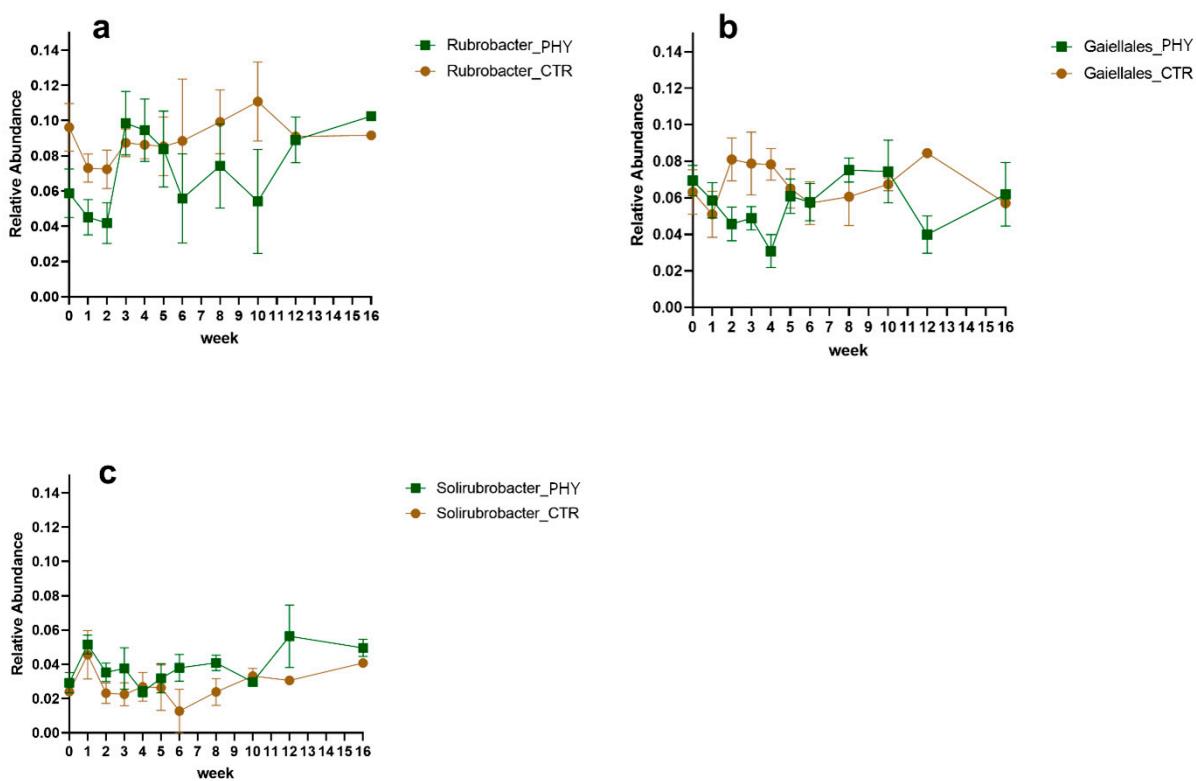
Xipeng Ren<sup>1</sup>, Maria M. Whitton<sup>1</sup>, Sung J. Yu<sup>1</sup>, Tieneke Trotter<sup>1</sup>, Yadav S. Bajagai<sup>1</sup> and Dragana Stanley<sup>1,\*</sup>



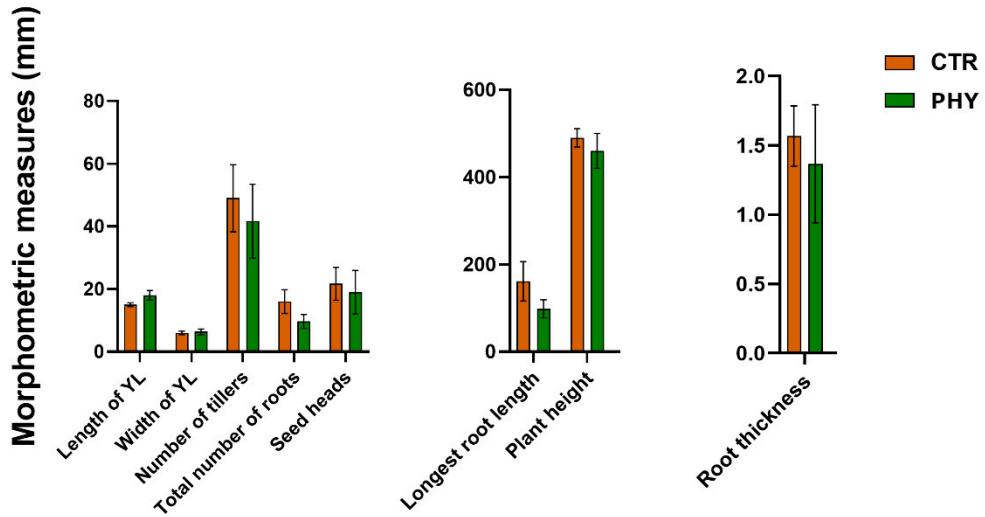
**Figure S1.** Temporal distribution of phyla



**Figure S2.** Relative abundance at phylum level



**Figure S3.** Relative abundance of biomarkers.



**Figure S4.** Morphometric measurements in dicots six months after treatment.

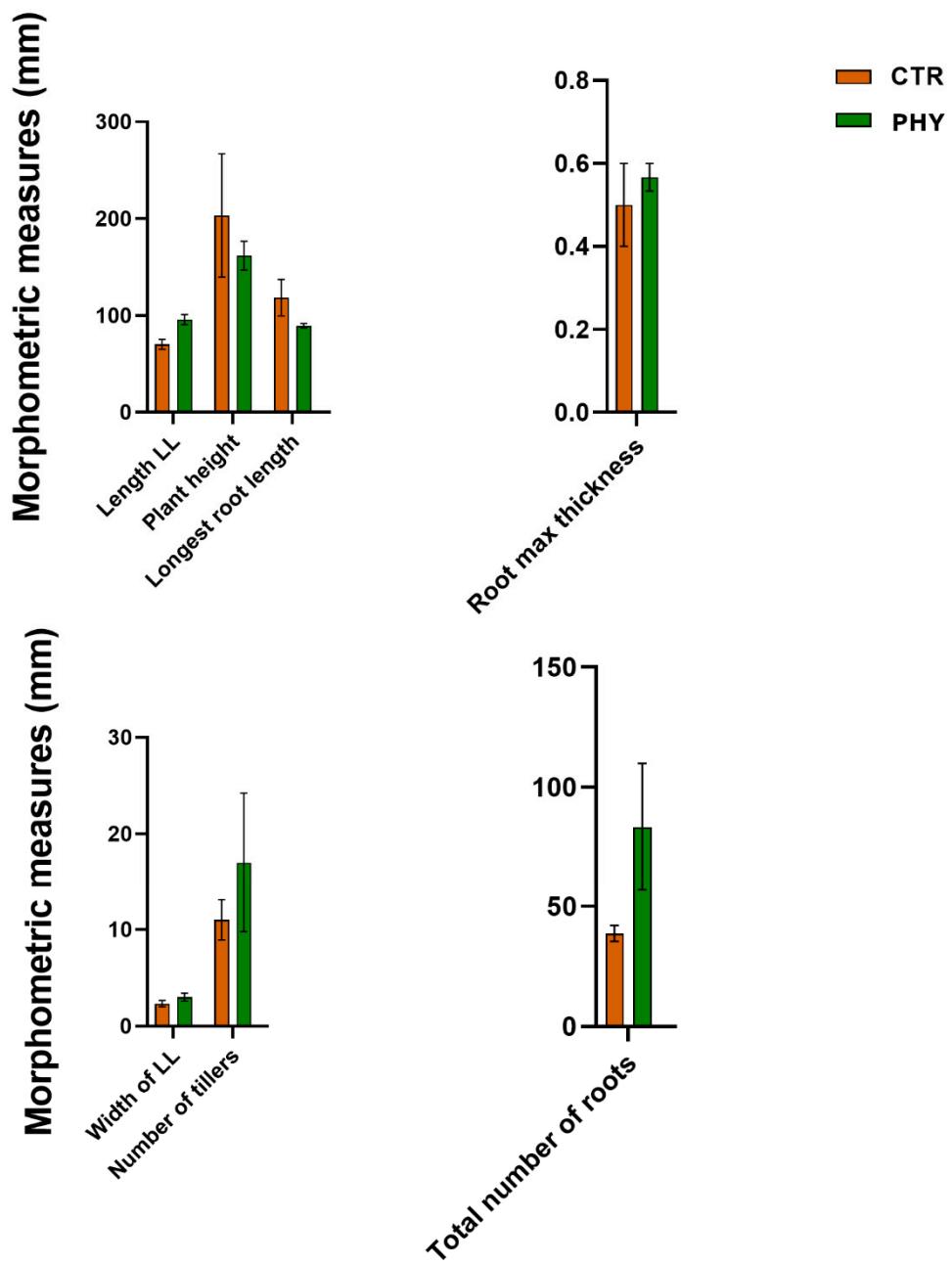
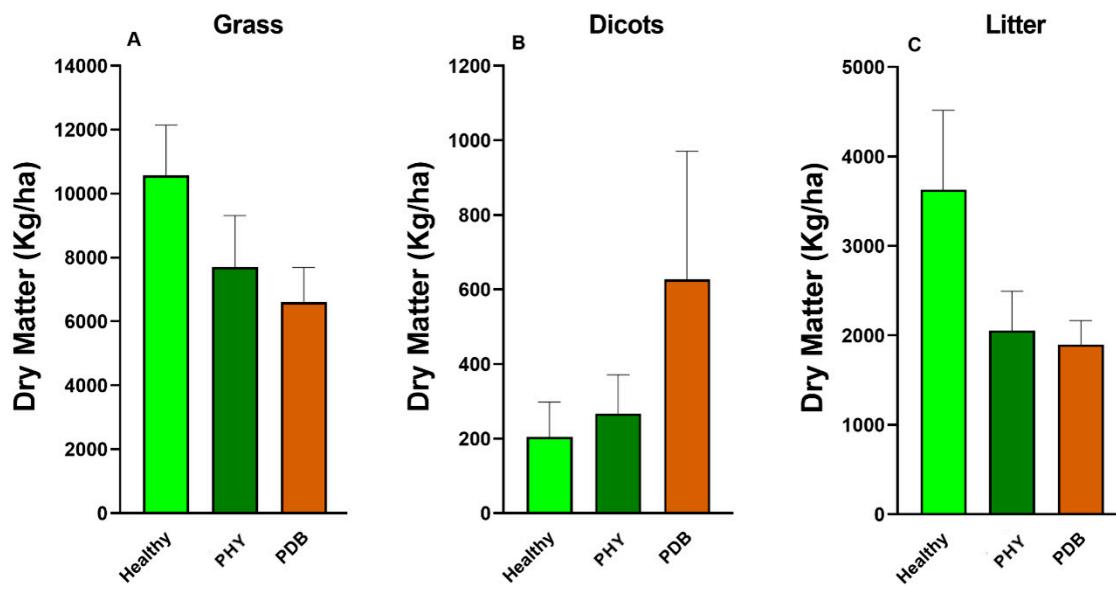
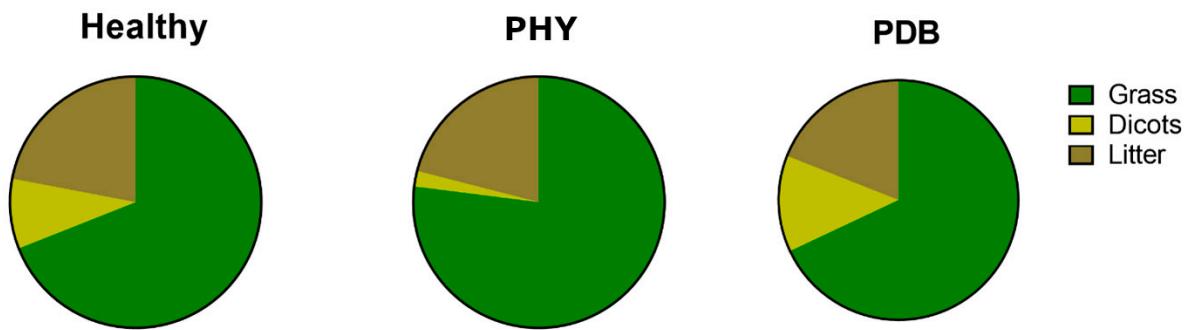


Figure S5. Morphometric measurements in monocot six months after treatment.



**Figure S6.** Dry matter differences between healthy, phytogenic liquid treated and control plots. Data from the second trial.



**Figure S7.** Grass/dicots ratio among healthy, phytogenic liquid treated and pasture dieback plots. Data from the second trial.