

Seasonal effects of extreme weather events on Potential Extracellular Enzyme Activities in a temperate grassland soil

Verena B. Hammerl¹, Kerstin Grant², Karin Pritsch³, Anke Jentsch⁴, Michael Schloter¹, Carl Beierkuhnlein², Silvia Gschwendtner¹

¹ Research Unit Comparative Microbiome Analysis - Helmholtz Zentrum München, Ingolstaedter Landstrasse 1, 85764 Neuherberg, Germany

² Disturbance Ecology, BayCEER, University of Bayreuth, Universitätsstrasse 30, 95440 Bayreuth, Germany

³ Institute of Biochemical Plant Pathology - Helmholtz Zentrum München, Ingolstaedter Landstrasse 1, 85764 Neuherberg, Germany

⁴ Chair of Biogeography, BayCEER, University of Bayreuth, Universitätsstrasse 30, 95440 Bayreuth, Germany

Correspondence to: S. Gschwendtner (phone 089- 31873543, fax 089- 31872136 (silvia.gschwendtner@helmholtz-muenchen.de))

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Supplementary Figures Legends

Figure S1

Potential extracellular enzyme activities (PEEA) [$\text{pmol MUF g}^{-1} \text{h}^{-1}$] of 2009 under different precipitation variabilities for control (C, black bars) and drought/rewetted plots (D, grey bars) at a) spring drought and b) summer drought simulation; given are mean values and standard error of measuring dates, each $n = 5$; drought treatment occurred from t_0 to t_1 ; significant differences ($p < 0.05$) between C and D are marked with asterisks; significant differences ($p < 0.05$) among sampling times are indicated by different letters.

Figure S2

Potential extracellular enzyme activities (PEEA) [$\text{pmol MUF g}^{-1} \text{h}^{-1}$] of 2011 under different precipitation variabilities for control (C, black bars) and drought/rewetted plots (D, grey bars) at a) spring drought and b) summer drought simulation; given are mean values and standard error of measuring dates, each $n = 5$; t_1 represents end of drought; significant differences ($p < 0.05$) between C and D are marked with asterisks; significant differences ($p < 0.05$) among sampling times are indicated by different letters.

Figure S3

Pearson correlation of soil moisture [vol %] and potential extracellular enzyme activities (PEEA) [$\text{pmol MUF g}^{-1} \text{h}^{-1}$] of a) 2009 and b) 2011 under different precipitation variabilities (control (C) black dots, spring drought (D1) grey crosses and summer drought (D2) grey triangles)

Figure S1

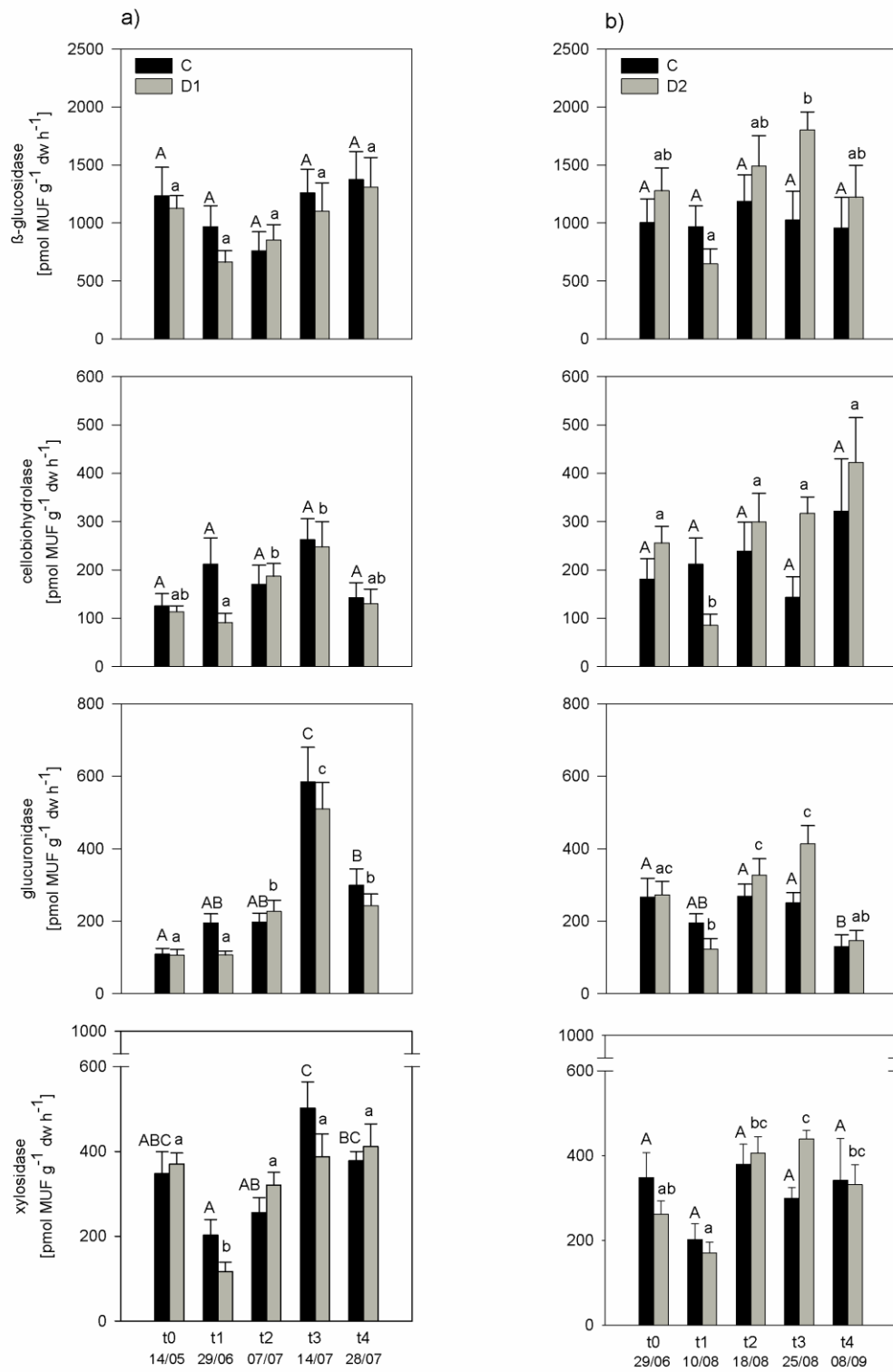


Figure S2

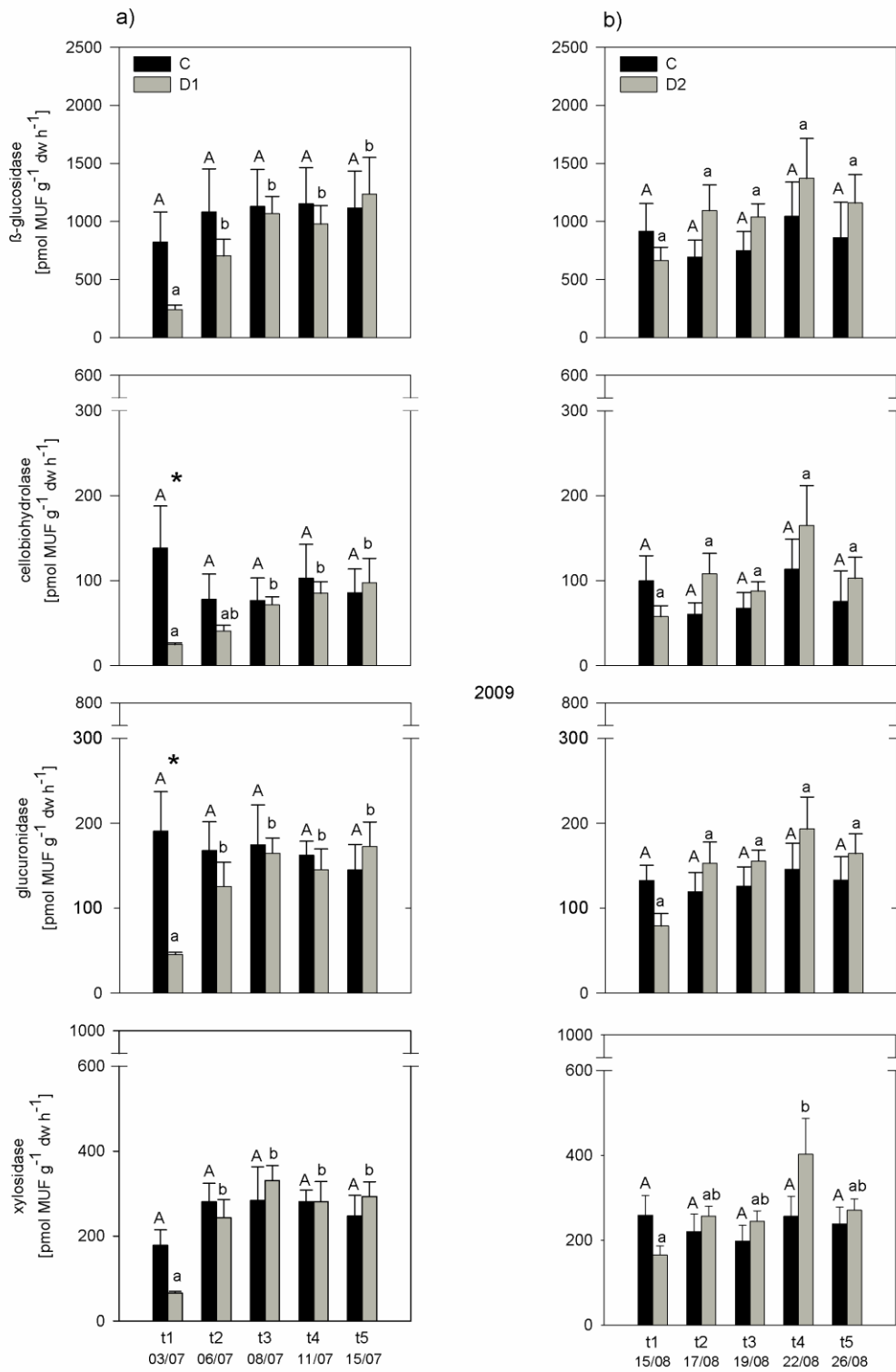


Figure S3

