

Oecologia (2013) 171:719–720  
DOI 10.1007/s00442-013-2604-0

---

ERRATUM

## Erratum to: Effects of drought and N-fertilization on N cycling in two grassland soils

Adrian A. Hartmann · Romain L. Barnard ·  
Sven Marhan · Pascal A. Niklaus

Published online: 24 February 2013  
© Springer-Verlag Berlin Heidelberg 2013

**Erratum to: Oecologia**  
**DOI 10.1007/s00442-012-2578-3**

Unfortunately, Table 2 was incorrectly published in the original article. The corrected table is given in the following page:

---

The online version of the original article can be found under doi:[10.1007/s00442-012-2578-3](http://dx.doi.org/10.1007/s00442-012-2578-3).

---

A. A. Hartmann · R. L. Barnard · P. A. Niklaus  
Institute of Plant, Animal and Agroecosystem Sciences,  
ETH Zurich, Universitätsstr. 2, 8092 Zurich, Switzerland

S. Marhan  
Institute of Soil Science and Land Evaluation, University  
of Hohenheim, Emil-Wolff-Str. 27,  
70593 Stuttgart-Hohenheim, Germany

P. A. Niklaus (✉)  
Institute of Evolutionary Biology and Environmental Studies,  
University of Zurich, Winterthurerstrasse 190,  
8057 Zurich, Switzerland  
e-mail: [Pascal.Niklaus@ieu.uzh.ch](mailto:Pascal.Niklaus@ieu.uzh.ch)

**Table 2** Precipitation, soil temperature and soil moisture of control and drought-treated soils at the two study sites Früebüel and Alp Weissenstein

Site and month	Precipitation (mm)			Soil temperature (°C)			Soil moisture (m <sup>3</sup> H <sub>2</sub> O m <sup>-3</sup> )					
	2007	2008	2009	2007	2008	2009	2007		2008		2009	
							Control	Drought	Control	Drought	Control	Drought
Früebüel												
January	102	52	33	3.4	1.9	1.4	0.37	0.37	0.41	0.35	0.39	0.37
February	55	43	110	2.8	1.8	1.6	0.37	0.37	0.39	0.34	0.41	0.40
March	149	104	115	3.6	3.2	1.4	0.38	0.38	0.42	0.36	0.43	0.40
April	13	202	56	9.6	5.7	7.1	0.33	0.33	0.43	0.38	0.39	0.38
May	209	46	184	11.8	12.1	11.6	0.34	0.34	0.29	0.26	0.41	0.41
June	238	196	294	15.9	16.0		0.35	0.35	0.33	0.30		
July	317	290	120	17.2	17.8		0.41	0.40	0.37	0.18		
August	336	293		16.9	17.2		0.42	0.35	0.39	0.13		
September	131	187		14.5	13.1		0.41	0.24	0.39	0.29		
October	64	152		10.9	10.6		0.40	0.25	0.40	0.34		
November	37	46		5.1	5.1		0.41	0.33	0.42	0.38		
December	114	44		2.9	2.8		0.42	0.36	0.41	0.38		
Sum/mean	1765	1656		9.5	8.9		0.38	0.34	0.39	0.31		
Alp Weissenstein												
January	82 <sup>a</sup>	66 <sup>a</sup>	46 <sup>a</sup>		0.9	1.4			0.47	0.42	0.49	0.50
February	48 <sup>a</sup>	11 <sup>a</sup>	81 <sup>a</sup>		0.8	1.6 <sup>b</sup>			0.47	0.43	0.50 <sup>c</sup>	0.50 <sup>c</sup>
March	54 <sup>a</sup>	52 <sup>a</sup>	44 <sup>a</sup>		0.9	1.7 <sup>b</sup>			0.51	0.46	0.50 <sup>c</sup>	0.50 <sup>c</sup>
April	18	84	87		3.0 <sup>b</sup>	3.3 <sup>b</sup>			0.50 <sup>c</sup>	0.50 <sup>c</sup>	0.50 <sup>c</sup>	0.50 <sup>c</sup>
May	112	101	43		8.2	9.3			0.50	0.48	0.47	0.44
June	166	140	120	17.2	11.0	10.0	0.56	0.55	0.48	0.47	0.42	0.44
July	123	217	61	14.2	12.6	11.9 <sup>b</sup>	0.50 <sup>c</sup>	0.50 <sup>c</sup>	0.47	0.49	0.39	0.34
August	172	117		13.6	13.6		0.55	0.19	0.50	0.33		
September	48	148		9.6	10.1		0.48	0.31	0.50	0.10 <sup>d</sup>		
October	19	75		6.5	7.0 <sup>b</sup>		0.48	0.43	0.40 <sup>c</sup>	0.10 <sup>d</sup>		
November	105 <sup>a</sup>	107 <sup>a</sup>		2.4 <sup>b</sup>	2.4		0.50 <sup>c</sup>	0.50 <sup>c</sup>	0.53	0.50		
December	25 <sup>a</sup>	73 <sup>a</sup>		0.2 <sup>b</sup>	1.7		0.50 <sup>c</sup>	0.50 <sup>c</sup>	0.52	0.51		
Sum/mean	970	1189			6.2				0.49	0.40		

The N fertilization treatment did not affect these parameters. Summer precipitation was measured by rain-gauges installed at the two farms (for details, see Zeeman et al. 2010)

<sup>a</sup> Data interpolated based on measurements from a nearby weather station with heated rain-gauge

<sup>b</sup> Data interpolated based on soil temperature readings at the next weather station of the Swiss federal office of meteorology and climatology

<sup>c</sup> Soil moisture estimated by visual interpolation due to incomplete logger data

<sup>d</sup> Very dry soils; soil moisture readings outside calibrated range