

Šmilauerová M. & Šmilauer P. (2016): Functional groups affect seedling survival both through a negative soil feedback and changes in abiotic conditions. – Preslia 88: 347–368.

Electronic Appendix 2. Statistical summaries.

Characteristic	Units	minimum	maximum	mean	median	lower quartile	upper quartile
Photosynthetic active radiation April noon	% of above-canopy value	0	90.8	38.07	34.2	3.15	71.58
Red light band radiation April noon	% of above-canopy value	0	94.7	38.91	25.8	5.58	72.25
Far red light band radiation April noon	% of above-canopy value	2.4	100	45.06	32.75	14.68	78.56
Red / far red radiation intensity ratio April noon	dimensionless	0	2.51	0.76	0.68	0.38	0.93
Photosynthetic active radiation April afternoon	% of above-canopy value	0	98.7	36.34	22.7	5.9	63.25
Red light band radiation April afternoon	% of above-canopy value	0	100.7	42.32	32.1	10.33	77.25
Far red light band radiation April afternoon	% of above-canopy value	1.9	105.6	53.6	53.25	34.78	86.53
Red / far red radiation intensity ratio April afternoon	dimensionless	0	8.89	0.88	0.81	0.31	0.93
Photosynthetic active radiation June noon	% of above-canopy value	2.48	51.38	20.15	15.68	7.44	28.3
Red light band radiation June noon	% of above-canopy value	2.59	57.43	19.11	17.49	5.38	28.08
Far red light band radiation June noon	% of above-canopy value	12.46	66.01	33.34	28.33	22.1	40.91
Red / far red radiation intensity ratio June noon	dimensionless	0.17	1.08	0.58	0.65	0.3	0.8
Soil surface temperature April	degrees C	12.65	45.93	30.76	31.23	27.49	34.68
Soil surface temperature June	degrees C	18.8	57.5	31.1	30	26.2	34.9
Soil surface temperature August	degrees C	19.97	49.15	31.33	30.94	26.91	35.2
Soil moisture plot median April afternoon	volumetric %	20.4	50.7	32.09	30.25	28.28	34.83
Soil moisture plot minimum April afternoon	volumetric %	14	47.3	27.29	25.75	23.03	30.85
Soil moisture plot range April afternoon	volumetric %	3.1	17	9.82	9.05	6.95	12.13
Soil moisture plot median April morning	volumetric %	20.9	50	33.65	32.45	29.38	38.13
Soil moisture plot minimum April morning	volumetric %	15.5	47.4	28.07	27.3	24.15	32.2
Soil moisture plot range April morning	volumetric %	4.7	21.2	10.81	10.35	7.68	13.23
Soil moisture plot median July evening	volumetric %	6.4	23.1	13.88	13.65	11.98	16.1
Soil moisture plot minimum July evening	volumetric %	3.9	16.5	10.77	10.9	8.43	13.33
Soil moisture plot range July evening	volumetric %	2.2	12.9	6.45	5.9	4.68	8.05
Soil total P, 0-10 cm	mg/1000g of dry soil	0.1	32.65	5.71	4.76	2.96	6.64
Soil total N, 0-10 cm	% weight	0.17	0.62	0.35	0.37	0.26	0.41
Soil total C, 0-10 cm	% weight	1.79	5.36	3.56	3.76	2.61	4.49
Soil C/N ratio, 0-10 cm	dimensionless	7.2	11.79	10.14	10.36	9.68	10.72
Soil NH ₄ ⁺ ions, 0-10 cm	mg/1000g of dry soil	6.84	29.37	14.27	13.49	11.35	16.69
Soil NO ₃ ⁻ ions, 0-10 cm	mg/1000g of dry soil	0.06	7.5	0.93	0.39	0.18	0.93
Soil PO ₄ (3 ⁻) ions, 0-10 cm	mg/1000g of dry soil	12.06	27.83	17.4	17.16	15.24	18.68
Soil NH ₄ ⁺ ions flow (average over 2 years)	mg/m ² /day	0.079	1.898	0.304	0.199	0.139	0.272
Soil NO ₃ ⁻ ions flow (average over 2 years)	mg/m ² /day	0.224	24.233	1.057	0.411	0.315	0.712