

Table 8. The mean and standard deviations of total basic and acidic cations, total N, P, C and C:N ratios for the litter of the Driekop grassland and the 2, 13 and 30 year old *P. patula* plantations, during winter and summer.

		Units	Driekop Grassland				2 year old <i>P. patula</i> plantation				13 year old <i>P. patula</i> plantation				30 year old <i>P. patula</i> plantation			
			Winter		Summer		Winter		Summer		Winter		Summer		Winter		Summer	
			Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
BASIC CATIONS																		
Na⁺	litter total	mg kg ⁻¹	192	34	65	8	193	11	84	19	195	21	93	40	187	21	102	16
Mg²⁺	litter total	mg kg ⁻¹	3545	690	644	110	4499	322	1347	268	5772	903	1516	552	5118	433	1040	177
K⁺	litter total	mg kg ⁻¹	2328	1087	1956	89	1322	369	1509	754	1145	60	654	261	1297	269	452	46
Ca²⁺	litter total	mg kg ⁻¹	6679	1909	2372	1267	6931	711	3070	329	11020	2593	5531	2351	11675	1990	15540	720
ACIDIC CATIONS																		
Mn²⁺	litter total	mg kg ⁻¹	1234	205	457	169	2997	611	1544	684	8357	1788	2953	1933	6342	2287	2039	993
Fe³⁺	litter total	mg kg ⁻¹	3373	1991	1707	611	1246	671	168	24	556	47	350	12	1225	1064	361	125
Al³⁺	litter total	mg kg ⁻¹	2963	1077	1321	698	1815	750	605	66	1190	17	1174	919	1818	670	736	424
TOTAL N, P, C																		
N	litter total	%	0.43	0.10	0.18	0.11	0.64	0.04	0.70	0.10	0.78	0.14	0.12	0.14	0.89	0.10	0.36	0.17
P	litter total	%	0.03	0.02	0.05	0.03	0.06	0.01	0.15	0.02	0.06	0.01	0.05	0.03	0.07	0.02	0.08	0.03
C	litter total	%	47.34	0.86	38.74	1.97	48.85	2.23	42.07	0.52	46.55	0.47	41.99	1.54	47.89	1.16	41.32	2.36
C:N ratio	litter total		114	24	296	213	77	7	61	9	61	11	345	280	55	6	277	47