

Table 9. The mean and standard deviations of total basic and acidic cations, total N, P, C and C:N ratios for the litter of the Brooklands grassland and the 2, 8 and 13 year old *E. grandis* plantations, during winter and summer.

			Brooklands Grassland				2 year old <i>E. grandis</i> plantation				8 year old <i>E. grandis</i> plantation				13 year old <i>E. grandis</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	163	4	74	16	174	61	544	435	381	461	166	116	1131	84	167	67
Mg²⁺	litter total	mg kg ⁻¹	3682	464	1126	354	5423	2526	1820	666	6092	4015	1838	393	7545	4258	2391	307
K⁺	litter total	mg kg ⁻¹	2250	467	2049	953	4007	1023	1573	265	4359	1615	1028	325	3057	171	1161	293
Ca²⁺	litter total	mg kg ⁻¹	7078	312	4618	2460	29747	2155	14318	1963	16780	1620	9697	2344	20940	2272	8892	1623
ACIDIC CATIONS																		
Mn²⁺	litter total	mg kg ⁻¹	617	474	225	81	2289	1694	1116	165	961	1036	820	103	2160	235	1036	198
Fe³⁺	litter total	mg kg ⁻¹	3538	2884	1037	319	718	529	282	106	488	58	468	181	635	80	441	84
Al³⁺	litter total	mg kg ⁻¹	1901	1487	709	102	664	145	301	42	764	44	615	260	789	106	531	73
Total N, P, C																		
N	litter total	%	0.31	0.02	0.04	0.06	0.58	0.14	0.19	0.11	0.73	0.09	0.19	0.12	0.81	0.10	0.22	0.14
P	litter total	%	0.04	0.01	0.07	0.01	0.06	0.01	0.07	0.01	0.04	0.03	0.05	0.03	0.07	0.01	0.09	0.02
C	litter total	%	46.50	0.99	38.69	1.34	49.82	15.26	37.60	2.22	40.28	0.97	37.44	2.33	40.02	4.88	33.97	3.29
C:N ratio	litter total		152	13	1120	1068	93	50	286	232	56	8	307	278	50	12	215	154