APPENDIX 4

**Correlations of the exchangeable cations and some ICP-measured metals
(log ratio-transformed data) with pH values (raw data),
as imaged by Pearson r^2 values,
systems with $r^2 <0.30$ are not listed**

	r^2, pH_{H2O}	Trend type	r^2, pH_{KCl}	Trend type
Na^+	0.73	polynomial	0.62	polynomial
K^+	0.55	polynomial		
Mg^{2+}	0.55	polynomial		
Ca^{2+}			0.55	linear