

Table 15.1. Summary of the sample periods at the 10 stands included in our study. The sampling periods varied between 2 and 4 weeks. The column “No. Obs.” indicates the maximum number of soil water samples available for analyses from each stand if all samplers in all soil depths had yielded water in every sampling period. The column “No. Analysed” indicates for each N compound the actual number of samples analysed, whereas the last column gives the percentage of these having a concentration above the analytical detection limit (D.L.). DOC is not included as all samples but one had contents well above the D.L.

Site (study period)	Tree	No. Sampling Periods	No. Obs.	Compound	No. Analysed	% Above D.L.
Aaheden (7/94-10/95)	<i>Pinus</i>	17	102	NO ₃	44	2
				NH ₄	46	2
				TDN	23	9
Aaheden (7/94-10/95)	<i>Betula</i>	17	102	NO ₃	45	4
				NH ₄	46	2
				TDN	24	4
Klosterhede (1/93-10/96)	<i>Picea</i>	39	1152	NO ₃	638	29
				NH ₄	642	52
				TDN	170	71
Gadevang (3/94-12/98)	<i>Fagus</i>	53	318	NO ₃	208	37
				NH ₄	132	12
				TDN	218	89
Waldstein (7/93-9/98)	<i>Picea</i>	65	390	NO ₃	287	97
				NH ₄	227	14
				TDN	287	99
Schacht (7/93-9/98)	<i>Fagus</i>	71	425	NO ₃	273	29
				NH ₄	200	7
				TDN	271	68
Thezan (6/93-1/95)	<i>Pinus</i>	21	126	NO ₃	84	15
				NH ₄	83	16
				TDN	58	28
Thezan (6/93-1/95)	<i>Quercus</i>	21	126	NO ₃	103	5
				NH ₄	105	15
				TDN	73	25
Monte di Mezzo (5/97-10/98)	<i>Picea</i>	18	108	NO ₃	25	100
				NH ₄	25	24
				TDN	25	100
Collelongo (5/97-10/98)	<i>Fagus</i>	27	162	NO ₃	31	55
				NH ₄	31	42
				TDN	31	100