

Table 9.2: Total sulfur concentration [$\mu\text{g g}^{-1}$], isotopic composition [‰], sulfur content [%] of organic and inorganic sulfur in different layers of *Picea abies* soils at five stands along the European transect. According Novak et al. 1999.

Site	Depth [cm]	Organic S [%]	$\delta^{34}\text{S}_{\text{organic}}$ [‰]	Inorganic S [%]	$\delta^{34}\text{S}_{\text{sulfate}}$ [‰]	Content of total S [$\mu\text{g g}^{-1}$]	$\delta^{34}\text{S}_{\text{total}}$ [‰]
Åheden	0-5	86	5.4	14	5.4	100	5.4
	5-10	68	8.2	32	3.8	100	6.8
	10-20	59	6.6	41	4.1	100	5.6
Skogaby	0-5	76	6.4	24	4.0	230	5.8
	5-10	67	10.2	33	4.5	100	8.3
	10-20	47	8.8	53	6.2	100	7.4
Nacetín	0-5	95	2.2	5	1.6	1500	2.2
	5-10	88	4.7	12	3.2	500	4.5
	10-20	53	7.8	47	3.6	400	5.5
Aubure	0-5	84	1.6	16	0.1	330	1.4
	5-10	56	5.3	44	2.3	100	4.0
	10-20	11	12.1	89	3.9	100	4.8
M. di Mezzo	0-5	94	n.d.	6	n.d.	430	1.0
	5-10	83	-0.3	17	2.7	330	0.2
	10-20	81	-0.7	19	0.9	330	-0.4