

Table 12.3. Mean residence time [years] of C as calculated from C pools (Table 2.8) and estimated annual C mineralisation in the field (Table 12.2) for each soil layer and site.

Soil layer	Åhe	Sko	Klo	Gri	Sor	Nac	Jez	Wal	Sch	AuP90	AuP45	AuF	The	Col	MdM
L	9	6	10	10	8	7	10	11	8	incl. FH	9	10	3	10	11
FH	19	27	59	(a) 44	(a)27	54	46	91	57	26	27	36	(a) 9	(a) 50	(a)37
0-10 cm	91	41	65	(b)115	(b)46	151	123	160	172	121	66	86	(b)14	(b)112	(b)69
10-20 cm	218	78	142	141	64	177	167	167	157	232	169	178	15	246	106
20-30 cm	256	200	294	168	112	326	203	400	257	320	245	270	26	411	163
30-50 cm	260	315	300	129	115	413	199	795	n.e.	266	329	458	53	1352	274
Total	43	43	69	60	42	68	56	125	79	60	56	85	12	115	66