

**Table 20.8.** Mean residence times of soil organic matter based on N (i.e. N pools divided by N fluxes) divided by mean residence times of soil organic matter based on C (i.e. C pools divided by C fluxes) for the measured data of Harrison et al. (Ch. 11, this volume), Persson et al. (Ch. 12,14, this volume), and the simulated data.

		mean residence times-N based/mean residence times-C based												
		Åhe	Sko	Nac	Wal	AuP	MdM	Jez	Sch	AuF	Col	Åhe2	Wal2	Wal3
Persson et al.	L	0.0	4.2	2.8	0.8		4.6	1.8	0.8	1.5	2.8			
	FH	0.0	1.6	0.9	0.4	0.8		0.7	0.5	0.4				
	0-30	0.0	1.0	1.2	0.4	0.6	1.2	0.7	0.4	0.4	0.6			
simulated	L	2.6	2.2	1.9	2.0		1.9	2.0	1.7	2.1	1.4	1.9	1.2	1.4
	FH	2.4	1.5	1.3	1.1	1.6		1.3	1.2	1.1		1.9	0.5	0.6
	0-30	1.4	1.3	1.4	1.1	1.1	1.0	1.2	1.2	1.0	1.0	0.9	0.5	0.5
Harrison et al. <sup>a</sup>	all layers	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

<sup>a</sup>: presumption that N turnover is equal to C turnover in order to calculate N fluxes from N pools.