Supplementary Material

Tab. S1 - Equations for estimating FFF loads and FFC stocks based on BD and OC concentrations for separate layers (layer = L, F1, F2 and H) and for the entire forest floor. (BD_{layer}): bulk density for individual layer (kg m^{-3}); (OC_{layer}): organic carbon concentration for individual layer (g kg^{-1}); (D_{layer}): depth of individual layer (cm); (BD_{ff}): bulk density for entire forest floor (kg m^{-3}); (OC_{ff}): organic carbon concentration for entire forest floor (g kg^{-1}); (D_{ff}) - forest floor depth (cm); (MBE): mean bias error; (MAE): mean absolute error; (RMSE): root mean square error.

No	Equations	Statistical parameters		
		MBE	MAE	RMSE
1	$FFF\,load = \sum\limits_{layer} BD_{layer} \cdot \dfrac{D_{layer}}{10}$	− 0.021	4.502	6.813
2	$FFC\,stock = \sum\limits_{layer} BD_{layer} \cdot OC_{layer} \cdot \dfrac{D_{layer}}{10000}$	0.004	2.201	3.356
3	$FFF\,load = BD_{ff} \cdot \dfrac{D_{ff}}{10}$	− 2.802	10.284	14.927
4	$FFC\,stock = BD_{ff} \cdot OC_{ff} \cdot \dfrac{D_{ff}}{10000}$	− 0.196	3.899	5.366