Table 1: OM Decomposition File

Parameter	Source
Litter Concentration (N, Ca, Mg,K, S, P)	Perakis and Sinkhorn, 2011
Litter C Pool	Perakis and Sinkhorn, 2011
Layer frac (Fine, Coarse, Humus)	Grier and Cole 1977; Johnson et al., 1992

Calibration

Decomp rate Calibration

Calibration

CO2FACT

Nutrient Factor (DOCFACT, N Fact, Ca Fact, Mg Fact, K Fact, S Fact, P Fact