



	EEC (mmol e ⁻ mmol C ⁻¹)	*Carbon content (mmol)	Total number of electrons that can be exchanged (mmol e ⁻)
FA (isolated from water-extractable OM, oxic)	13	3	39
HA (isolated from water-extractable OM, oxic)	15	19	285
SUM			324
Water-extractable OM, oxic	32	2	64
FA (isolated from water-extractable OM, anoxic)	24	12	288
HA (isolated from water-extractable OM, anoxic)	83	6	498
SUM			786
Water-extractable OM, anoxic	44	19	836

*carbon content was calculated from the total organic carbon content in extracts in Table 1