

Contents Volume 67 2004

Volume 67 No 1 January 2004

ANNE POSZWA, BRUNO FERRY, ETIENNE DAMBRINE, BENOÎT POLLIER, TONIE WICKMAN, MICHEL LOUBET &	
KEVIN BISHOP / Variations of bioavailable Sr concentration	4 00
and ⁸⁷ Sr/ ⁸⁶ Sr ratio in boreal forest ecosystems PAULA KANKAALA & IRINA BERGSTRÖM / Emission and	1–20
oxidation of methane in Equisetum fluviatile stands growing on	
organic sediment and sand bottoms MONIQUE MEIER, YU-PING CHIN & PATRICIA MAURICE /	21–37
Variations in the composition and adsorption behavior of	
dissolved organic matter at a small, forested watershed	39–56
AARON J. MILLER, RONALD AMUNDSON, I.C. BURKE & C. YONKER / The effect of climate and cultivation on soil	
organic C and N	57–72
G.B. CHUYONG, D.M. NEWBERY & N.C. SONGWE / Rainfall input, throughfall and stemflow of nutrients in a	
central African rain forest dominated by ectomycorrhizal	
trees	73–91
H. ERNSTBERGER, A.C. EDWARDS & P.W. BALLS / The distribution of phosphorus between soluble and particulate	
phases for seven Scottish East Coast rivers	93–111
M. HEFTING, J.C. CLÉMENT, D. DOWRICK, A.C.	
COSANDEY, S. BERNAL, C. CIMPIAN, A. TATUR, T.P. BURT & G. PINAY / Water table	
elevation controls on soil nitrogen cycling in	
riparian wetlands along a European climatic gradient	113–134
Volume 67 No 2 February (I) 2004	
JUTTA MEIER, HANS-DIETRICH BABENZIEN & KATRIN WENDT-POTTHOFF / Microbial cycling of iron and sulfur in	
sediments of acidic and pH-neutral mining lakes in Lusatia	
(Brandenburg, Germany)	135–156
HOLGER CIGLASCH, JULIANE LILIENFEIN, KLAUS KAISER & WOLFGANG WILCKE / Dissolved organic matter under	
native Cerrado and Pinus caribaea plantations in the Brazilian	
savanna JULIANE LILIENFEIN & WOLFGANG WILCKE / Water and	157–182
element input into native, agri- and silvicultural ecosystems	
of the Brazilian savanna	183–212

P.W. INGLETT, K.R. REDDY & P.V. MCCORMICK / Periphyton chemistry and nitrogenase activity in a northern Everglades ecosystem M.P. WALDROP & M.K. FIRESTONE / Altered utilization patterns of young and old soil C by microorganisms caused by temperature shifts and N additions E.C.H.E.T. LUCASSEN, A.J.P. SMOLDERS, A.L. VAN DER SALM & J.G.M. ROELOFS / High groundwater nitrate concentrations inhibit eutrophication of sulphate-rich freshwater wetlands	213–233 235–248 249–267
Volume 67 No 3 February (II) 2004	
R.M. CORY, S.A. GREEN & K.S. PREGITZER / Dissolved Organic Matter concentration and composition in the forests and streams of Olympic National Park, WA GARY M. LOVETT, KATHLEEN C. WEATHERS, MARY A.	269–288
ARTHUR & JACK C. SCHULTZ / Nitrogen cycling in a northern hardwood forest: Do species matter? STEPHEN C. PETERS, JOEL D. BLUM, CHARLES T. DRISCOLL & GENE E. LIKENS / Dissolution of wollastonite during the experimental manipulation of	289–308
Hubbard Brook Watershed 1 CHRISTIAN BLODAU, NATHAN BASILIKO & TIM R. MOORE / Carbon turnover in peatland mesocosms exposed to different water table levels	309–329 331–351
ELIŠKA REJMÁNKOVÁ, JAROSLAVA KOMÁRKOVÁ & MARCEL REJMÁNEK / δ^{15} N as an indicator of N ₂ -fixation by cyanobacterial mats in tropical marshes	353–368
SHAUN A. WATMOUGH & PETER J. DILLON / Major element fluxes from a coniferous catchment in central Ontario, 1983–1999 Instructions for Authors Authors Index	369–398 399–407 409
Volume Contents	411–412