



Selected research within the Programme has been published in **Applied Soil Ecology Vol. 33(2)**, a special issue entitled *Soil Biodiversity in an Upland Grassland*. (Editors: Usher, M.B. and Davidson, D.A. Published: September 2006)

[Access online](#) (You will need to have access to Elsevier's ScienceDirect service).

List of papers

Soil biodiversity in an upland grassland *Editorial*

Michael B. Usher and Donald A. Davidson

Understanding biological diversity in soil: The UK's Soil Biodiversity Research Programme

Michael B. Usher, Andrew R.J. Sier, Mike Hornung and Peter Millard

The functions and components of the Sourhope soil microbiota

Robert I. Griffiths, Mark J. Bailey, Niall P. McNamara and Andrew S. Whiteley

Studies of microbial community structure and function below ground in a managed upland grassland site at Sourhope Research Station

Martin Krsek and Elizabeth M.H. Wellington

Soil protozoa—An intensive study of population dynamics and community structure in an upland grassland

Genoveva F. Esteban, Ken J. Clarke, José L. Olmo and Bland J. Finlay

Carbon fluxes from plants through soil organisms determined by field ¹³C₂ pulse-labelling in an upland grassland

Jonathan R. Leake, Nick J. Ostle, J. Ignacio Rangel-Castro and David Johnson

Relationships between biodiversity and soil structure and function: Evidence from laboratory and field experiments

Donald A. Davidson and Ian C. Grieve

The abundance, richness and functional role of soil meso- and macrofauna in temperate grassland—A case study

Lisa Cole, Mark A. Bradford, Peter J.A. Shaw and Richard D. Bardgett

Interactions between fertilizer addition, plants and the soil environment: Implications for soil faunal structure and diversity

Philip J. Murray, Roger Cook, Amanda F. Currie, Lorna A. Dawson, Alan C. Gange, Susan J. Grayston and Amy M. Treonis

An integrated data resource for modelling the soil ecosystem

L. Irvine, A. Kleczkowski, A.M.J. Lane, J.W. Pitchford, D. Caffrey and P.M. Chamberlain