Publication list

1. Refereed papers listed on the ISI database


Bradford, MA and Newington, JE (2002). Life underground with the worms: soil biodiversity and ecosystem functioning. *Biol. 3* 127-130


Catovsky, S, Bradford, MA and Hector, A (2002). Biodiversity and ecosystem productivity : implications for carbon storage. *Oikos.* 97 (3) : 443 - 448


Esteban, GF & Finlay, BJ (2002). Historical encounters with a little-known ciliate (Gerda glans Claparède and Lachmann, 1858) from the 'Jungfernheide'. Protist, 153: 79-86


Jones, TH. (2003). Climate change and biodiversity. Biological Sciences 16 : 14


2. Other refereed publications (incl. book chapters)


Symposium contribution refereed:

3. Non-refereed publications

Reports:


NERC studentship reports by Janie Pryce-Miller & Lewis Deacon (June 2001).
Conference abstracts/proceedings:

International Working Meeting On Soil Micropedology, ITC-Ghent University: July 9-13, 2001


Bruneau, PMC, Davidson, DA, Grieve, I, Young, I, Crawford, J. Relationship between soil fauna and soil structure: quantification of void and excremental pedofeatures using image analysis

Davidson, DA. A quantitative analysis of the distribution of excremental pedofeatures in upland soil profiles.


Offered and invited presentations:


Wellington EMH. Actinomycetes in soils. Symposium on Fungi and actinomycetes in food and water SfAM January meeting, Manchester January 10th.

Wellington EMH. Chitinolytic actinomycetes in soils. 12th International Symposium on the Biology of Actinomycetes, Vancouver Canada August 5-10th.

Wellington EMH. Exploiting microbial biodiversity BIOWISE workshop, Rothamsted November 9th.

Wellington EMH. Molecular approaches to studying actinomycete populations in soil. Schering Plough, NJ USA.

Whiteley, AS & Bailey, MJ NERI, Elsinore Denmark (May 2001) How can we determine the impact of perturbing agents on soil microbial communities National workshop on “Fate and Effects of Microbial Inoculants”.
Whiteley, AS & Bailey, MJ SGM Irish Branch, Belfast (September 2001) Determining microbial community structures at the molecular level (ASW).

**Miscellaneous articles:**

**4. Publications in press**

**PhDs awarded**
Lewis Deacon
Functional Biodiversity of Grassland Saprotrophic Fungi King's College, London. 2003
Janie Pryce-Miller
Rob Griffiths
Soil Bacteria and Carbon Flux: the Correlation with Diversity and Perturbation University of Newcastle 2003
Samual Sheppard
'Effects of amendment on soil microbial structure and function' University of Cardiff 2002
Hannah Bishop
The Ecology of Earthworms and their Impact on Carbon Distribution and Chemical Characteristics in Soil University of Stirling 2003
Robin Floyd
Molecular Assessment of Soil Nematode Diversity University of Edinburgh 2003,
Amanda Currie
Interactions between root-feeding insects and arbuscular mycorrhizal fungi” Royal Holloway College 2003
Christian Davies
Nitric and nitrous oxide production and emission from an upland agricultural grassland soil University of Edinburgh 2003
Ling Kuan
Angela Metcalfe
Molecular Analysis of a Bacterial Chitinolytic Community in an Upland Pasture University of Warwick 2002
Christian Spring
The effects of earthworms on soil structure in an upland grassland University of Stirling 2003
Mark Pawlett
The interaction between earthworms, liming and soil microbial community diversity and function in upland grassland" University of East London. 2004