

CURRICULUM VITAE

Name: Professor Valerie Kathleen **Brown**

University Education:

1963-66	Imperial College (University of London) 1st Class Honours Degree in Zoology and Applied Entomology Associateship of the Royal College of Science
1966-69	Imperial College, Silwood Park (University of London) PhD in Entomology Diploma of Imperial College

Appointments:

1969-74	Lecturer (Royal Holloway, University of London)
1975-84	Lecturer (Imperial College, University of London)
1984-94	Senior Lecturer / Reader in Insect Ecology (Imperial College)
1995	Visiting Chair (University of London)
1994-97	Director, CABI International Institute of Entomology
1998-2000	Director, CABI Bioscience: Environment
2000-2004	Professor of Agro-Ecology and Director of the Centre for Agri-Environmental Research, University of Reading
2000-present	Scientific Advisor to UK Department for Agriculture and Rural Affairs / Natural England for R&D on Agri-Environment Schemes
2006-present	Assurance Group Member - International Biodiversity Partnership
2009-present	UK Government Review on future of Wildlife Network

Membership of Professional Bodies, Learned Societies (examples):

Royal Entomological Society of London

Council Member (1977-84; 1995-8)
Vice President (1995-96)
Invited President (1996/7 and 2001/2)
Editorial Officer (1978-84)
Chairperson: Publications Committee (1978-84)

British Ecological Society

Council Member (1993-95)
Vice President (1993-95)
Chairperson: Meetings Committee (1993-95)

Systematics Association

Council Member (1982-85)

INTECOL

UK Representative (1996- 2004)

RSPB – Council Member (from 2005- present)

Examples of Current and past Positions of Responsibility:

1996-2004	Task force leader GCTE: Land Use Change and Biodiversity
1996-2004	Member of Soils Domain Group - SCOPE Scientific Advisory Committee on Soil and Sediment Biodiversity and Ecosystem Functioning
1998-present	Programme Advisor DEFRA: Grassland Research
2000-present	Member of Millennium Assessment Advisory Group
2000-2001	Member of Diversitas Task Force
2000	Awarded British Hispanic Chair in Environmental Science
2001-2004	Member of IGBP UK Steering Committee
2001-2004	Directorial Committee Member Swiss National Research Centre
2002-2004	Member of NERC Council
2002-2004	Member of Defra's Science and Advisory Group and Research Priorities Group
2002-2006	Member of English Nature's Natural Sciences Advisory Group
2002-2004	Member of Rothamsted Research Board of Directors

RESEARCH

Profile:

- Early research focused on the biosystematics and developmental ecology of insects.
- From the early eighties, experimental community ecology, particularly the interactions between insects and plants, has been the key focus. Research questions have been addressed through long-term manipulative field experiments, in a range of terrestrial habitats (temperate and tropical).
- Multi-trophic interactions, especially those between above- and below-ground biota.
- Effects of environmental and land use change on species interactions, including climate change Restoration of habitats, by innovative management techniques, based on empirical science.
- Research into the efficacy of agri-environment schemes to provide sustainable agriculture production, while conserving biodiversity.

Research funding (mainly from EU, DEFRA, NERC, English Nature) approximates to around £8m – some being within large multidisciplinary programmes.

Publications:

Around 200 scientific papers and book chapters have been published, including contribution to and editing of several volumes e.g.:

Gange, A.C. and Brown, V.K. (Eds.) (1997). *Multitrophic Interactions in Terrestrial Systems*. Blackwell Science Ltd., Oxford, 448pp.

Olf, H., Brown, V.K. and Drent, R.H. (Eds.) (1999). *Herbivores: Between Plants and Predators*, Blackwell Science Ltd., Oxford, 639pp.

University Training:

- Significant input into UG and MSc Courses in ecology and entomology at Imperial College.
- Supervision of 40+ successful PhD students: 14 NERC-funded, 6 BBSRC (SERC), many from overseas.
- 25+ Post-doctoral fellows from around the world