

DR. JOHN WILSON EATON

Present Position:	Senior Research Fellow, University of Liverpool
Date of Birth:	25 August 1940
Nationality:	British
Profession:	University Teaching, Research and Advisory Work
Qualifications:	1962 – B.Sc. (Hons) Botany, University of Bristol 1967 – Ph.D. University of Bristol 2000 – MBE for advisory services to navigation authorities and DEFRA.
Professional Membership	British Ecological Society Freshwater Biological Association Associate, Parliamentary Waterways Group United States Aquatic Plant Management Society W.Midlands & NW England Freshwater Group

PROFESSIONAL HISTORY

1962-1965	Demonstrator in Botany, University of Bristol
1965-1967	Leverhulme Research Fellow, Department of Botany, University of Liverpool.
1967-1968	Senior Demonstrator, Department of Botany, University of Liverpool
1968-1992	Lecturer, Department of Botany, (later Department of Environmental and Evolutionary Biology) University of Liverpool
1992-2002	Senior Lecturer, Department of Environmental and Evolutionary Biology, (later School of Biological Sciences) University of Liverpool
From 2002	Senior Research Fellow, School of Biological Sciences, University of Liverpool

KEY EXPERIENCE: RESEARCH PROJECTS, CONSULTANCY CONTRACTS AND GOVERNMENT ADVISORY APPOINTMENTS

Inland Waterways Amenity Advisory Council 1984-2002. DEFRA-appointee, member of Working Party on Waterway Restoration Priorities, reporting 1998 and 2001.

British Waterways 1989-92. The role of backwaters in the conservation of canal ecosystems.

National Rivers Authority 1990-91. *A User's Manual for Grass Carp*.

British Waterways 1994-97. The impact of zander colonisation in British canals.

English Nature 1995-96. *A Species Action Plan for Luronium natans*.

Environment Agency 1996-98. Environmental assessment of navigation on rivers, feasibility study (published as EA R&D Report W3-001: *Impact of Navigation on Wildlife: a Feasibility Study on Creating a Methodology for Impact Assessment of River Navigations*).

London Borough of Enfield 1998-2001. Restoration of the New River Loop: ecological component in the engineering phase and production of post-restoration management plan.

London Borough of Enfield 2000-2001. Restoration of Pymmes Park Lake.

Broads Authority from 1999. Chairman of Habitats Directive Appropriate Assessment Team assessing a proposal to cut, for navigation purposes, a Red Data Book charophyte in Hickling Broad (continuing).

British Waterways 2002-3. Aquatic plant conservation in the restoration of the Montgomery Canal to navigation. Reports on predictive modelling of restoration impacts and on the ecology of

English Nature 2002. Survey and monitoring protocols and establishment of SSSI favourable condition status for *Luronium natans*. With the University of Stirling. (Conserving Natura 2000 Rivers, European LIFE Programme)

Association of Inland Navigation Authorities 2002-2003. Member of working group assessing national research needs for DEFRA (published as AINA 2003, *Safeguarding the waterway environment – priorities for research*).

Bexley Council 2003. The ecological management of Danson Park Lake and ponds.

Essex County Council 2003. Weald Country Park: lake improvements.

Countryside Council for Wales from 2003. Experimental study of Atlantic ecotypes of *Baldellia*, continuing.

English Nature 2004. Survey and monitoring protocols and establishment of SSSI favourable condition status for aquatic plant communities in canals. With the University of Stirling. (Conserving Natura 2000 Rivers, European LIFE Programme)

Leicestershire County Council 2004. Implications of the proposed Measham Extension for the Ashby Canal SSSI: impacts, mitigation and compensation measures.

Essex County Council 2004. Danbury Country Park: catchment, stream and lake management.

Countryside Council for Wales from 2004. Restoration of the Afon Teifi in the Cors Caron cSAC, Tregaron Bog. With Cranfield University, continuing.

Devon County Council from 2004. Design and monitoring of a sustainable dredging protocol for the Grand Western Canal. A contribution to the European Interreg IIIB-Crosscut Project. With the University of Nottingham, continuing.

SCIENTIFIC PUBLICATIONS

Eaton, J.W. (1986). Waterplant ecology in landscape design. In: *Ecology in Landscape Design*, eds. A.D. Bradshaw, D.A. Goode & E. Thorpe. British Ecological Society 24th Symposium. Blackwell Science, Oxford. Pp. 285-306.

Hockin, D.C., O'Hara, K. & **Eaton, J.W.** (1989). A radiotelemetric study of the movements of grass carp in a British canal. *Fisheries Research* 7: 73-84.

Pygott, J., O'Hara, K. and **Eaton, J.W.** (1990). Fish community structure and management in navigated British canals. European Inland Fisheries Advisory Commission, Symposium at Goteborg (Sweden) 1988. Pp. 547-557.

Eaton, J.W., Best, M.A., Staples, J.A. and O'Hara, K. (1992). *Grass Carp: a Users' Manual*. National Rivers Authority, iii + 91 pp.

Hawkins, S.J., **Eaton, J.W.** et al. (1993). Former commercial docks as a resource in urban conservation and education. In: *Urban Waterside Regeneration, Problems and Prospects*, eds. K.N. White et al. Ellis Horwood, U.K. Pp. 386-399.

Willby, N.J. & **Eaton, J.W.** (1993) The distribution, ecology and conservation of *Luronium natans* (L.) Raf. in Britain. *Journal of Aquatic Plant Management* 31: 70-76.

Murphy, K.J., Willby, N.J. and **Eaton, J.W.** (1995). Ecological impacts and management of boat traffic on navigable inland waterways. In: *The Ecological Basis for River Management*, eds. D.M. Harper and A.J.D. Ferguson. Wiley, Chichester. Pp. 427-442.

Willby, N.J. & **Eaton, J.W.** (1996) Backwater habitats and their role in nature conservation on navigable waterways. *Hydrobiologia* 340: 333-338.

Eaton, J.W. (1996). Canal ecology and its management. Proceedings of the World Canals Conference, Birmingham 1996. British Waterways, London. Pp. 1-6.

Smith, P.A., Leah, R.T. & **Eaton, J.W.** (1996) Removal of pikeperch (*Stizostedion lucioperca*) from a British canal as a management technique to reduce impact on prey fish populations. *Annales Zoologici Fennici* 33: 537-545.

Smith, P.A., Leah, R.T. & **Eaton, J.W.** (1997). A review of the current knowledge on the introduction, ecology and management of zander, (*Stizostedion lucioperca*) in the UK. In: *Stocking and Introduction of Fish*, ed. I.G. Cowx. Blackwell Science, Oxford. Pp. 209-224.

Eaton, J.W. (1999). Water-resource allocation for recreation, leisure and amenity. *Journal of the Chartered Institution of Water and Environmental Management*, 13: 235-240.

Hatcher, D., **Eaton, J.**, Gibson, M. & Leah, R. (1999). Methodologies for surveying plant communities in artificial channels. *Hydrobiologia* 415: 87-91.

Eaton, J.W. et al. (1999) Biological change in the freshwaters of the Mersey Basin. In: *Ecology and Landscape Development: A History of the Mersey Basin*, ed. E.F. Greenwood. Liverpool University Press and National Museums & Galleries on Merseyside. Pp. 132-146.

Hodgson, B.P. & **Eaton, J.W.** (2000) Provision for the juvenile stages of coarse fish in river rehabilitation projects. In: *Management and Ecology of River Fisheries*, ed. I.G.Cowx. Blackwell Science, Oxford. Pp. 318-328.

Willby, N.J., Pygott, J.R. & **Eaton, J.W.** (2001) Inter-relationships between standing crop, biodiversity and trait attributes of hydrophytic vegetation in artificial waterways. *Freshwater Biology* 46: 883-902.

and 30 other publications in freshwater biology and aquatic plant ecophysiology.
