

Mr Howard Fox

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Howard Fox is a botanist with recognition and identification skills for lichens and mushrooms, which he developed over twenty years of taxonomic curiosity and field work in Ireland. He worked for 9 years as a botanist in the herbarium at the National Botanic Gardens, Glasnevin, Dublin before starting a studentship on epiphyte biodiversity. He has now returned to the National Botanic Gardens and continues his curatorial responsibilities in the DBN herbarium.

He has travelled extensively in Ireland and Northern Ireland working with Maria Cullen on a botanical exploration team surveying the landscape for lichens and fungi. This research work expanded the knowledge of the floristic botany of Ireland, by the production of species checklists of biodiversity of conservation designated and other lands.

Research Interests

His interests closely follow his printed publications and presentations. He has contributed numerous plant records to herbaria and databases. He has made many conservation site species lists from botanical field outings and site surveys.

Qualifications

1992 B.A. (Moderatorship in Botany) Trinity College Dublin, Dublin, Ireland.

Career

2010 – on. Botanist, National Botanic Gardens, Glasnevin, Dublin 9.
2007 – 2009. Researcher / Postgraduate student, Trinity College Dublin, Dublin 2.
1998 – 2007. Botanist, National Botanic Gardens, Glasnevin, Dublin 9.
1995 – 1998. Botanist / Environmental Consultant.
1995. Researcher, International Mycological Institute, CABI, Egham, UK.
1993 – 1995. Ecologist, National Parks and Wildlife Service, Dublin 2.
1992 – 1993. Botanist / Environmental Consultant.

Publications

Fox HF. and M. Cullen 2014. A review of Lichenology in Saint Lucia including a lichen checklist. *Harvard Papers in Biology* 19: 1-22.

Fox HF. 2011. Synopsis of the taxonomic richness of genera of rusts (Uredinales) in Ireland

Fox H, Kelly D. 2008. Epiphyte diversity in plantation and native forests. *EnviroNews* 16: 5

Brodeková L, Gilmer A, Dowding P, Fox H, Guttová A. 2006. An Assessment of Epiphytic Lichen Diversity and Environmental Quality in Knocksink Wood Nature Reserve, Ireland . *Biology and Environment* 106B (3); 215-223.

Cullen M & Fox HF. 2006. Ecological Study of the Countryside Habitats in County Fingal - Phase III – Woodland Fungi - Fingal County Council, 197 pp.

Fox HF. 2004. Checklist of the Lichens and lichenicolous fungi of Ireland.

Fox HF. 2001. Lichen herbarium resources in Ireland . In Rushton BS, Hackney P & Tyrrie CR, eds. *Biological Collections & Biodiversity*. Linnean Society, Systematics Association and Ulster Museum, Belfast . pp 55-68.

Fox HF. 2001. 'The liverwort flora of the British Isles'. *Bulletin of the Irish Biogeographical Society* 25: 307-308. (book review)

Fox HF, Cullen M, Little DJ, Ciaurriz P, Ryan D, Dwyer R, Boyle GM. 2001. Vegetation Monitoring and Survey of Brackloon Wood, Westport, Co. Mayo. Forest Ecosystem Research Group report 31: i-vii, 1-90.

Fox HF. 2001. Census catalogue of the lichenicolous fungi of Ireland.

Fox HF. 2001. New records of Ascomycetes from bogs in Ireland . *Irish Naturalists' Journal* 26(12): 477-478.

O'Connor, JP & Fox HF. 2000. The Horse Chestnut Scale *Pulvinaria regalis* Canard (Hemiptera: Coccidae) new to Ireland . *Entomologists Gazette* 51: 145-146.

Fox HF & Scannell MJP. 2000. Isaac Carroll (1828-1880): a catalogue of lichens collected in Scandinavia in 1863 housed in the Herbarium, National Botanic Gardens, Dublin . *Glasra* 4: 63-84. PDF.

Fox HF. 2000. Lichenicolous fungi from Ireland. In: The Fourth International Association for Lichenology Symposium, Progress and Problems in Lichenology at the Turn of the Millennium. Universitat de Barcelona, Barcelona , pp. (unpaginated addendum).

Fox HF. 1999. Lichens of three mine sites in Co. Wicklow, Ireland . *Biology and Environment: Proceedings of the Royal Irish Academy* 99B(1): 67-71.

Fox HF. 1998. 'The conservation of lower plants in woodland' by N.G. Hodgetts. *Irish Naturalists' Journal* 26 (1-2): 67-68.(book review)

Fox HF. 1998. Summer 1998 field meeting in Connemara, Ireland . *British Lichen Society Bulletin* 83: 30-36.

Fox HF. 1997. Parasitic fungi growing on lichens in an orchard. *British Lichen Society Bulletin* 81: 1-2.

Fox HF. 1996. 'Marine algae of Northern Ireland'. *Bulletin of the Irish Biogeographical Society* 19: 208-210.(book review)

Fox HF. 1994. AA Glovebox Atlas Ireland . – *Bulletin of the Irish Biogeographical Society* 17: 215-217

Fox HF, Grant PJ & Moore CR. 1994. *Octospora musci-muralis* Graddon (Ascomycotina: Humariaceae) in Ireland . *Irish Naturalists' Journal* 24(9): 378-379.

Fox HF & Lonergan J. 1993. *Pseudoplectania sphagnophila* (Pers.) Kreisel (Ascomycotina: Sarcotomataceae) in Ireland . *Bulletin of the Irish Biogeographical Society* 16: 52-56.

Honours and Awards

President (2003-2004) Dublin Naturalists Field Club

Editor (1998-2005) Dublin Naturalists Field Club newsletter

COFORD Award for best conference speaker on forestry, ENVIRON Dundalk 2008

Educational Outreach

Botanical field trips in Ireland with various societies and organisations (Dublin Naturalists Field Club, DNFC fungus working group, Irish Mycological Society, Wexford Field Club, Northern Ireland Fungus Group, British Lichen Society, British Bryological Society, British Mycological Society, Belfast Naturalists Field Club, Macroom Environmental Group, Offaly Field Club, Galway Naturalists, Irish Wildlife Trust, Wicklow Mountains National Park, BioBlitz, National Biodiversity Data Centre, National Trust for Northern Ireland)