

Brief curriculum vitae

David Leslie HAWKSWORTH (b. Sheffield, UK 1946)

Qualifications and awards

CBE (Commander of the British Empire), 1996 [appointed by HM Queen Elizabeth II for "services to science"].

FD(hc) (Filosophie Hedersdoktor, Honorary Higher Doctorate, Umeå University, Sweden, 1996).

DSc (Leicester University), 1980

PhD (Leicester University), 1970.

BSc (Hons) (Leicester University), 1967.

Fellows Medal, International Mycological Association, 2018

Founders' Award, European Mycological Association, Funchal, 2015

Ainsworth Medal, International Mycological Association, Bangkok, 2014.

Josef von Arx Award, KNAW-CBS, Amsterdam, 2011.

Acharius Medal, International Association for Lichenology, Oslo, 2002.

Bicentenary Medal, Linnean Society of London (first award), London, 1978.

Registered Environmental Biologist (no. REB 672), Institute of Biology, 1990

CBiol, Chartered Biologist, 1986

FRSB, Fellow of the Royal Society of Biology (formerly Institute of Biology and Society of Biology), 1982

FLS, Fellow of the Linnean Society of London, 1969

FRSA, Fellow of the Royal Society for the Advancement of Arts, Manufacture and Commerce,
1997

MCSFS, Professional Member, Chartered Society for Forensic Science, 2011

Honorary Member: Mycological Society of America; British Mycological Society (Centenary Fellow); Latin American Mycological Association; British Lichen Society; Lichenological Society of Japan; Italian Lichen Society

Employment

Councillor, Mole Valley District Council, 2016–19.

Professor Contratado Doctor, Universidad Complutense de Madrid, 2001–2016.

Professor of Biology and Ecology, University of Gloucestershire, 2007-09, 2013-14.

Council Member, English Nature, 1996-99.

Director, International Mycological Institute, Kew and Egham, 1983-97.

Scientific Assistant to the Executive Director, Commonwealth Agricultural Bureaux, Farnham Royal, 1981-83.

Mycologist, Commonwealth/International Mycological Institute, Kew, 1969-81.

Academic positions

Honorary Research Associate, Royal Botanic Gardens, Kew, 2014 on.

Scientific Associate, The Natural History Museum, London, 2006 on.

President, International Union of Biological Sciences, 1994-97.

President, International Mycological Association, 1990-94; Honorary President, 1994 on.

President, British Mycological Society, 1990.

President, British Lichen Society, 1986-87.

Visiting Professorships in the Universities of Kent, London (Birkbeck and Royal Holloway), Reading, and Southampton, UK; and Jilin Agricultural University, Changchun, China.

Editor-in-Chief, *IMA Fungus*, 2010 on.

Editor-in-Chief, *Biodiversity and Conservation*, 2006 on.

Executive Editor/Senior Editor, *Mycological Research*, 2000-09.

Book Review Editor, *Mycotaxon*, 2000-09.

Editorial Committee, International Code of Botanical Nomenclature, 1987 on.

Editor-in-Chief, *Systematics Association Special Volumes*, 1981-84, 1986.

Senior Editor, *The Lichenologist*, 1989-90; Editor, 1978-88; Assistant Editor 1970-77.

Co-editor, *Systema Ascomycetum*, 1986-97.

Co-ordinating Editor, *Mycopathologia*, 1984-87; Editorial Board, 1988-99.

Chair, IUBS/IUMS International Committee on Bionomenclature, 1995-2012.

Teaching experience

MSc Fungal Technology, University of Kent 1991-96; MSc Pure and Applied Plant and Fungal Taxonomy, University of Reading, 1981-95; MSc Medical Microbiology, Birkbeck University of London 2008 on; MSc, PhD and DPhil thesis supervision, various universities, 1980 on; International Mycological Institute, contributions to numerous courses, 1978-97; Field Studies Council, Field Courses 1969-88, 1999-2000, 2009 on; Facultad de Farmacia, Universidad Complutense de Madrid, 2006–2016.

Research interests

Biodiversity, systematics, and conservation. Especially fungal diversity, systematics, and nomenclature, especially of ascomycetes, lichen-forming fungi, and fungi that obligately occur on lichens. Currently using molecular phylogenetic approaches in resolving classifications and utilizing fungi in forensic investigations, the examination of mould growths in buildings, and in environmental surveys. Also concerned with issues in bionomenclature, including the development of improved identification and naming practices, and conservation.

Consultancy experience

Mould growth in and on manufactured products and in buildings. Use of mould growth on human remains as indicators of time of death or deposition. Fungal spores as trace evidence for contacts between people or objects and places in serious crime forensic cases (mainly murders and rapes). Applications of lichenized fungi in the monitoring of air quality. Environmental site assessments and surveys, especially for possible impacts on lichens and other fungi, and also for determining the conservation value of sites; developed the lichen scales now used for sulphur dioxide monitoring. Established and oversaw the running and work of the Industrial and Biodeterioration Laboratory (incorporating the Biodeterioration Centre) and the Biochemical and Molecular Laboratory of the former International Mycological Institute from 1984–1997. Experience appearing as an Expert Witness in civil and criminal courts and in preparing reports in connection with civil cases.

Publications

Author/editor (alone or conjointly) of 58 books; and author/co-author of over 600 refereed papers in the fields of fungal systematics, bionomenclature, and biodiversity (including seven items in *Nature*). These include authorship of 896 new scientific names (including 15 orders, 12 families, and 80 genera new to science, 247 species new to science, and 491 new combinations or new names to the end of 2018).

Bibliometric data (September 2019): 900 research items in ResearchGate (RG); 22,306 citations in RG, and 56,052 in Google Scholar (GS); one paper from 2001 in the top 1% in the field [mycology] for the year (GS 1,660 citations), also one from 1991 with 1,908 GS citations; another from 1970 has 769 GS citations. *h*-index = 67 (RG), and 82 (GS). *i10*-index = 420 (GS). Research Gate score = 50.85 (in the top 2.5 %).

Selected books

- Hawksworth DL, Suz LAM, Kooji PW, Liimatainen K, Prescott T, Davies L, Gaya E (2019) *Fungarium*. London: Big Picture Press. 68 pp.
- Turland NJ, Wiersema JH, Barrie FR, Greuter W, Hawksworth DL, Herendeen PS, Knapp S, Kusber WH, Li DZ, Marhold K, May TW, McNeill J, Monro AM, Prado J, Price MJ, Smith GF (eds) (2018) *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017*. [Regnum Vegetabile No.159.] Pp. xxxviii + 254. Glashütten: Koeltz Botanical Books.
- Hawksworth DL (2010) *Terms used in Bionomenclature; the naming of organisms (and plant communities)*. 215 pp. Copenhagen: Global Biodiversity Information Facility.
- Hawksworth DL (ed.) (2001) *The Changing Wildlife of Great Britain and Ireland*. xv + 454 pp. London: Taylor & Francis.
- Hawksworth DL (ed.) (1995) *Biodiversity: Measurement and Estimation*. 140 pp. London: Chapman & Hall.
- Allsopp D, Colwell RR & Hawksworth DL (eds) (1995) *Microbial Biodiversity and Ecosystem Function*. 481 pp. Wallingford: CAB International.
- Hawksworth DL, Kirk PM, Sutton BC & Pegler DN (1995) *Ainsworth & Bisby's Dictionary of the Fungi*. 8th edn. xii + 616 pp. Wallingford: CAB International.
- Hawksworth DL (ed.) (1994) *The Biodiversity of Microorganisms and Invertebrates: its role in sustainable agriculture*. 302 pp. Wallingford: CAB International.
- Purvis OW, Coppins BJ, Hawksworth DL, James PW & Moore DM (1992) *The Lichen Flora of Great Britain and Ireland*. ix + 710 pp. London: Natural History Museum Publications.
- Hawksworth DL (ed.) (1988) *Prospects in Systematics*. 457 pp. Oxford: Clarendon Press.
- Pirozynski KA & Hawksworth DL (eds) (1988) *Coevolution of Fungi with Plants and Animals*. 285 pp. London: Academic Press.

- Hawksworth DL & Kirsop BE (eds) (1987) *Living Resources for Biotechnology: Filamentous Fungi*. 180 pp. Cambridge: Cambridge University Press.
- Sims RW, Freeman P & Hawksworth DL (eds) (1988) *Key Works to the Fauna and Flora of the British Isles and Northwestern Europe*. 5th edn. 312 pp. Oxford: Clarendon Press.
- Cannon PF, Hawksworth DL & Sherwood-Pike MA (1985) *The British Ascomycotina: an annotated checklist*. 302 pp. Farnham Royal: Commonwealth Agricultural Bureaux.
- Hawksworth DL & Hill DJ (1984) *The Lichen-Forming Fungi*. 158 pp. Glasgow & London: Blackie.
- Ferry BW, Baddeley MS & Hawksworth DL (1973) *Air Pollution and Lichens*. 389 pp. London: Athlone Press, University of London.