

Dr Philip H Greaves – Personal and Professional Background

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Nationality: British

Date of Birth: 7th November 1955

Place of Birth: Otley, West Yorkshire, UK

Education + Qualifications

- 1975 ONC Textile Technology (Bradford Technical College)
- 1977 HNC Textile Technology (Huddersfield Polytechnic)
- 1978 Associateship of the Textile Institute [C. Text. ATI] Chartered Status (Huddersfield Polytechnic)
- 1983 PhD Textile Technology (University of Bradford)
- 1985 Fellowship of the Royal Microscopical Society (Oxford)
- 1988 Diploma of the Royal Microscopical Society [Dip. RMS] (Oxford)
- 1993 Fellowship of the Textile Institute [C.Text. FTI]

Career

1972 – 1992:

Technologist, International Wool Secretariat.

Specialising in the Technical Investigation of Textiles, Analysis, Testing, Fibre Microscopy and Quality Assessment at all stages of processing.

Physical, chemical and colouration properties of fibres, yarns, fabrics and garments evaluated.

Reports prepared for Industry, Product Development groups, R & D Projects, IWS overseas branches and for Publication in Technical Journals.

British Standards and Textile Institute Committee Member.

1992 – Present:

Establishment of a technical textile consultancy, specialising in Analysis, Technical Investigation, Microscopy, Material Identification, Quality Assessment, Test Method Development, Forensic Science and Training.

Applications include the investigation and analysis of manufacturing problems and defects, performance appraisal, specification compliance, product development, dyeing and finishing effects, consumer complaint inspection, fibre damage characterisation and speciality composition analysis. Photo and electron micrographic records of samples analysed are produced, where appropriate, to supplement reports.

Work has been undertaken and reports prepared for manufacturers, retailers, importers and exporters, insurance assessors, testing laboratories, Trading Standards and Police forces. Expert Witness reports have been produced and court evidence given in both Civil and Criminal cases.

Publications

Various – examples include:

The Assessment of the Uniformity of Continuous Shrink Resist Treatments by Light Microscopy. *Journal of the Society of Dyers and Colourists* **101** (1985)

Mildew – Causes, Detection and Prevention (with BJ McCarthy). *Wool Science Review* **65** (1988)

Fibre Identification and the Quantitative Analysis of Fibre Blends. *Review of Progress in Colouration* **20** (1990)

A Microscopical Study of Severe Biodeterioration in Textile Floorcovering. (with BJ McCarthy). *Journal of the Textile Institute* **82** No. 3 (1991)

Fibre Identification by LM.
Microscopy and Analysis (September 1991)

The Use of Different Microscopical Techniques to Study the Distribution of Shrinkproofing Polymer in Batch Treated Woven Wool Fabrics. *International Conference on Fibre and Textile Science, Ottawa, Canada* (1991)

Publications/cont

'Microscopy, Imaging and Analysis' in *Advances in Fibre Science*. The Textile Institute, Manchester, UK. (1992)

Fibre Content Testing.
Wool Science Review **68** (1992)

Microscopy of Textile Fibres (Author, with BP Saville). Royal Microscopical Society/Bios Scientific Publishers, Oxford (1995)

Identification and Analysis of Speciality Fibres: Further Considerations.
Wool Record (April 2005)

Camelid Fibres Compared & Contrasted (with FEB Rainsford) *Textiles* 3/4, (Autumn 2005)

Lambswool – Some Clarifications. *Textiles* **33** No.2 (June 2006)

Committee Membership

Textile Institute: Identification of Textile Materials (Chair) [*Committee currently dormant*]

British Standards TCI/80: Chemical Testing of Textiles

Affiliations

The Royal Microscopical Society

The Textile Institute

Otley Conservation Task Force: A society which strives to maintain and protect the historic built environment of the Conservation Area in the town of Otley.

Federation of Small Businesses