

## Curriculum Vitae

### Mr Gervais Sawyer FIMMM



DOB 12.10.45

**Current position.** Retired Senior Lecturer, Forest Products Research Centre,  
Buckinghamshire Chilterns University College E-mail [Gervais.Sawyer@blueyonder.co.uk](mailto:Gervais.Sawyer@blueyonder.co.uk)

**Home address.** 41 Lavington Road, Beddington, Croydon, CR0 4PQ 020-8395-9892  
Mobile 07751670025

**Specific duties in previous employment.** Consultant in wood preservation and wood processing. I have trained sawdoctors from all over the world.

#### **Current activities.**

Research and consultancy.

Editor of the International Wood Products Journal.

Promotion of the wood industry as a career to young people and those seeking a change of career.

Approved tutor for Institute of Wood Science open learning programme.

Technical consultant and an examiner for the Property Care Association

Member of Wood Protection Association technical committee.

Production of test materials and apparatus for research laboratories.

Current research projects –

*The evaluation of abrasion resistance of timbers at high moisture contents.*

*Final fate of mercury treated wood on Brunel viaducts.*

#### **Qualifications:-**

Graduate Diploma in Timber Studies. Fellow of Institute of Materials Minerals & Mining

#### **Professional body memberships:-**

Wood Technology Society

Institute of Materials, Minerals and Mining IoM3

International Research Group on Wood Protection IRG

Society of Wood Science and Technology SWST

Property Care Association Lifetime Member Award

### **Professional Experience.**

1964-67 Management training programme. William Mallinson & Sons. 1967-71  
Management training programme. Burt Boulton & Haywood Ltd,  
1971-74 Works manager. Burt Boulton & Haywood Ltd., Poles and sleepers division.  
1974-76 Works manager. Vitak Timber Imports Ltd., Tropical hardwood sawmillers and  
kiln driers.  
1976-2007 Buckinghamshire Chilterns University, Senior lecturer and researcher  
2007 Retired. (i.e. Drawing a pension!) but busier in consultancy.

### **Consultancy**

Numerous training courses for the remedial treatment and sawmilling industries.  
Numerous consultancies on wood identification, pest identification, property maintenance,  
preservation, wood machining and finishing, joinery manufacture and installation.  
Consultant to British Woodworking Federation

### **Publications:-**

Pitman A.J., Sawyer G.S., Daniel G.F. (1995) The attack of naturally durable and creosote  
treated timbers by *Limnoria tripunctata* Menzies. *International Research Group on Wood  
Preservation. Document No WP 95-10132*

Sawyer G.S. and Cragg S.M. (1995) Attack by the wood-boring weevil, *Pselactus spadix* on  
timbers in the intertidal and splash zones in ports in the U.K. *Material und Organismen 29:*  
*67-79*

Plaster S. and Sawyer G.S. (1998) A survey to assess the current and future usage of timber in  
British port structures. *Institute of Wood Science Journal. 14: No 6. 287-292*

Sawyer G.S. and Cragg S.M. (1994) Environmental requirements of wood boring weevils.  
*First International Wood Science Conference. Missenden Abbey 1994*

Ibbitson J.M. and Sawyer G.S. (1995) The Limitations of Legislative Information Distribution  
to the UK Remedial Preservation Industry. *IRG Conference WP/95-50060*

Pitman A.J., Cragg S.M. and Sawyer G.S. (1994) An investigation into the nutritional  
physiology of the wood boring weevil *Euophryum confine*. *IRG Conference WP/94-10082*

Cooper G., Pitman A.J. and Sawyer G.S. (1997) Some aspects of the biology of the wood  
boring weevil *Pselactus spadix* *IRG Conference WP97-10221*

Sawyer.G.S. (1996) Wood preservation for a sustainable future. *Sustainable building  
conference. University of Hull.*

Plaster S. and Sawyer G.S. (1998) A survey to assess the current and future usage of timber in  
British port structures. *IRG Conference WP98-10247*

Pitman A.J., McDonald A., Cragg S.M and Sawyer G.S. (2000) Estimation of digestion of wood components by the weevil *Euophryum confine* Broun. Using a variety of methods. *Materiel und Organismen* 29(1), 1996 pp. 67-79

Maher K., Matthews B., & Sawyer G.S.(2002). A comparison between the burning characteristics of Chilterns charcoal and imported products. *TWIG conference TAG-4*

Brown C., Eaton R., Cragg S.M., Gouletquer P., Nicolaidou A., Bebianno M.J., Icely J., Daniel G., Nilsson T., Pitman A., Sawyer G.S. (2002). Fouling assemblage development on copper-chromium-arsenic treated timber submerged in European waters. *The International Research Group on Wood Preservation. Document No WP 02-50181*

Brown C., Eaton R., Cragg S.M., Gouletquer P., Nicolaidou A., Bebianno M.J., Icely J., Daniel G., Nilsson T., Pitman A., Sawyer G.S. (2003). Assessment of the effects of chromated copper arsenate (CCA) treated timber on non-target epibiota by investigation of fouling community development at seven European sites. *Archives of Environmental Contamination and Toxicology* 45, 37-47

Williams J.R., Sawyer G., Cragg S.M. (2004) A questionnaire survey to assess the perceptions of specifiers concerning the key attributes for using timber in marine and fresh water engineering. *International Research Group on Wood Preservation. Document No WP 02-10519*

Sawyer G.S., Tole B. (2004) A novel method for delivering fluids into bolted wooden components. *The International Research Group on Wood Preservation. Document No WP04-40280*

Williams J.R., Sawyer G.S., Cragg S.M., Simm J. (2004) A questionnaire survey to establish the perceptions of UK specifiers concerning the key material attributes of timber for use in marine and fresh water engineering. *Institute of Wood Science Journal. 17: No 1 .41-50*

Sawyer G.S., Williams J.R. (2005) An investigation to assess the feasibility of developing an accelerated laboratory test to determine the abrasion resistance of lesser-used timber species for use in marine construction. . *The International Research Group on Wood Preservation. Document No WP05-TBA*

Williams J.R., Sawyer G.S., Malyon G., Cragg S.M., Icely J.D., Simm J., Meaden M. (2010) Assessment of the marine borer resistance and abrasion resistance of lesser known hardwood timber species for use in marine construction. *The International Research Group on Wood Preservation. Document No WP10-10711*

Sawyer G.S. and Irle M. (2005) Development of colour indicator techniques to identify contamination of wood for recycling. WRAP Report WOO0034

Sawyer G.S. and Irle M. (2006) Development and trial of visual inspection guides and chemical contamination detection kits. WRAP Report WOO0048

Mansfield-Williams H.D., Brown E., Pitman A.J. and Sawyer G.S. (2006). Laboratory evaluation of wood chips manufactured from recycled wood. In: F.C. JORGE (ed) Proceedings of ECOWOOD 2006 2nd International conference on Environmentally-Compatible Forest Products, 20 - 22 Sep 2006, Fernando Pessoa University, Oporto, Portugal

Brown E., Pitman A.J., Mansfield-Williams H.D., Sawyer G.S. (2006). Field trials to evaluate the efficacy of using recycled timber products as a material for horticultural mulch beds. In: F.C. JORGE (ed) Proceedings of ECOWOOD 2006 2nd International conference on Environmentally-Compatible Forest Products, 20 - 22 Sep 2006, Fernando Pessoa University, Oporto, Portugal

Borges L.M.S., Cragg S.M., Bergot J., Williams J.R., Shayler B., Sawyer G.S. (2008) Laboratory Screening of tropical hardwoods for natural resistance to the marine borer *Limnoria quadripunctata* with an investigation of the role of leachable and non-leachable factors. *Holzforschung*, Vol. 62, pp. 99–111

Cionca M., Gurau L., Mansfield-Williams H., Sawyer G.S. in press. Branch Wood as an Alternative Material Resource. A Comparison of Microscopic Structure and Mechanical Properties of Branch and Stem Wood. In Proc of: *IUFRO All-Division 5 Forest Products Conference. Forest Products and Environment. A Productive Symbiosis*. Oct. 29th- Nov.2nd. Taipei, Taiwan.

Ioras F., Sawyer G.S., High Wycombe's Furniture Industry: from the beginning to the '80s. *Works of the Faculty of Forestry, University of Sarajevo No 1, 2004(1-10) ISSN 1512-5769*

Gurau L., Cionca M., Mansfield-Williams H., Sawyer G.S., Zeleniuc, O. in press. Comparison of the mechanical properties of branch and stem wood for three species. *Wood and Fiber Science manuscript number WFS 1316, (due in January 2009, issue 41(1))ISSN 0735-6161 [ISI database]*.

Cionca M., Gurau L., Sawyer G.S., Zeleniuc O.m, Olarescu A. (2007) Compression Parallel to the Grain of Branch Wood Compared to Stem Wood. submitted to *Bulletin of the Transilvania University of Brasov. Vol.14 (49). Pp. 327-334. ISSN 1223-9631*.

Brischke C, Iseler N, Meyer L, Sawyer G. (2014) Testing the mechanical resistance of timber used for construction in the marine environment. *International Wood Products Journal. Vol 5 (1) pp. 39-49*

### **External activities.**

Promoting wood to school children at careers fairs.

External examiner to Property Care Association

Approved contractor to Portsmouth University as instrument and equipment engineer.

Member of technical committee of the Wood Protection Association

Member of Consultants Panel of the Property Care Association