

## DEVELOPMENT AND CHARACTERISTICS OF DISCOLOURED WOOD

Joint Session of IAWA and IUFRO S. 5.01 (Wood Quality), October 4, 1983, Hamburg, F. R. G.

### INTRODUCTION

by

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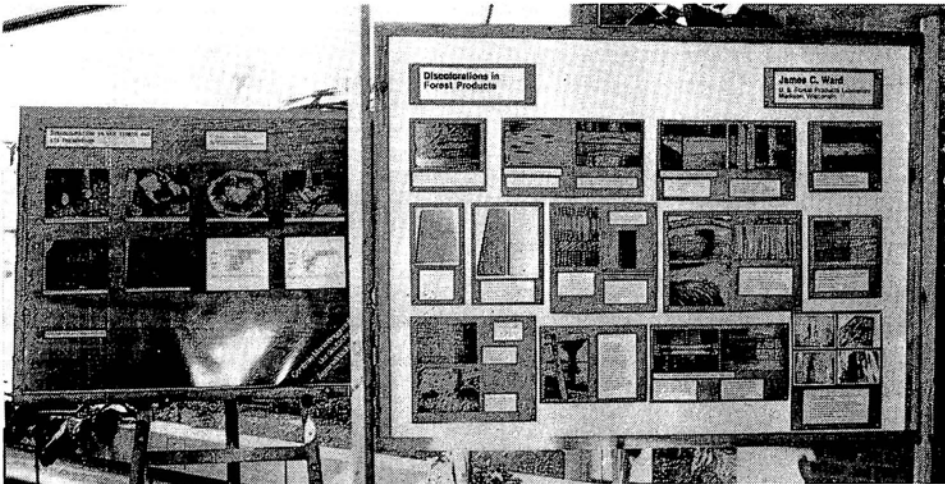
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Various kinds of discolouration belong – besides wood decay – to the severest impairments of wood quality.

Many wood anatomists are frequently confronted in their laboratories with discoloured wood and they have to give good advice and explanations to the forest products industry, where the utilisation of discoloured wood causes various problems. Often confusion exists even on the definition of discoloured wood.

Therefore it was attempted to give a comprehensive review of the literature in this research area and to present a wide spectrum of specific problems on discolouration. At the meeting, strong emphasis was put on contributions in the form of posters and displays of various kinds of discoloured wood specimens, in order to stimulate extensive discussion and exchange of experience. In a final session the contributors discussed the conclusions and agreed that problems of discolouration will increase in wood utilisation, last but not least due to the various, increasing anthropogenous influences on the living tree. It was recommended that more emphasis should be given to prevent discolouration in living trees and in freshly cut trees, in order to preserve valuable biomass.

The following colleagues contributed to the session with papers, posters, and/or displays of wood specimens: G. Ali (FRG), H. von Aufsess (FRG), P. Baas (Netherlands, chairman), J. Bauch (FRG), P. Böttcher (FRG), D. Dujesiefken (FRG), D. Fengel (FRG), H. Gottwald (FRG), W. Liese (FRG), E. A. McGinnes (USA), H. Kuroda (Japan), C. Passialis (Greece), J. Phelps (USA), P. Rademacher (FRG), B. Schink (FRG), O. Schmidt (FRG), A. L. Shigo (USA), K. Shimaj (Japan), W. Shortle (USA), M. Simatupang (FRG), M. Starck (FRG), N. Torelli (Yugoslavia), G. Tsoumis (Greece), J. C. Ward (USA), G. Wiese (FRG), Y. Yazaki (Australia). — Organisers: P. Baas and J. Bauch.



Posters on discolouration of wood at the Hamburg meeting.