Mechanical Properties of Bamboo

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Mechanical Properties of Bamboo

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Preface

In this book I have collected many reports on the properties of bamboo. Since I started bamboo research in 1974, I have collected many publications on bamboo. However, in contacts with other researchers I became aware of the fact that several of these publications were unknown to them. Consequently their activities in research or in bamboo projects had to start at a lower level than if they had known some of these publications. Therefore, I discussed the need for a book like this with several colleagues, and I decided to start writing.

In this book I present data on properties, as published by researchers. Certainly it is not complete; e.g. the proceedings of the bamboo workshop in Cochin in November 1988 are not included; they arrived just too late to be taken into account. On the other hand, in writing this preface I realize I have forgotten my own thesis. I do apologize to any colleague whose relevant report is not taken into account as well.

I like to express my feelings of respect to the board of my faculty: they allowed me to spend so much time on this book, and they gave a considerable financial support for the printing costs.

In my opinion bamboo should become a completely normal building material, just as timber, steel or concrete. I realize it is still a long way to go to reach this purpose. I hope this book is a small step on that way. I would appreciate if the reader is so kind to send me his comments.

Eindhoven, January 1991
Jules J.A. Janssen