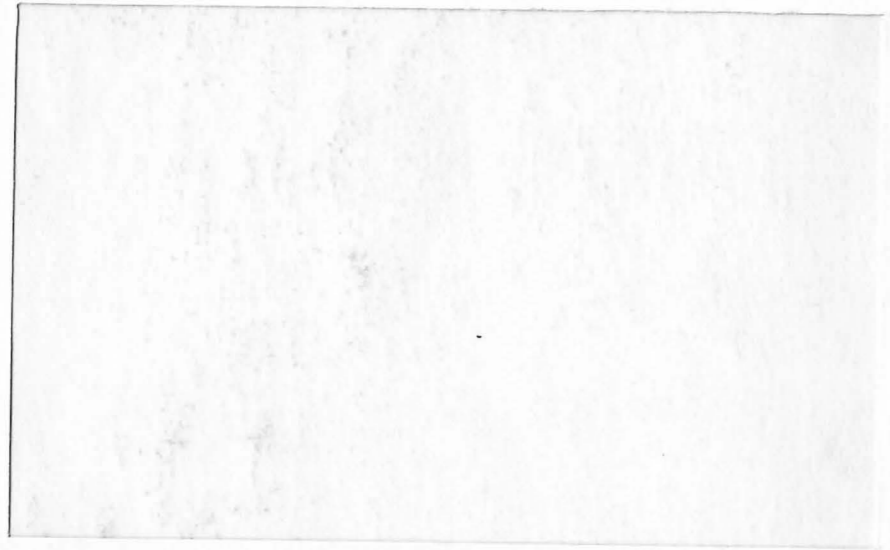


**I AWA
BULLETIN**

1970/2

M. K. ...



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INTERNATIONAL ASSOCIATION OF WOOD ANATOMISTS

STATE UNIVERSITY OF NEW YORK / COLLEGE OF FORESTRY / AT SYRACUSE UNIVERSITY
SYRACUSE, N.Y. 13210 / U.S.A.

OUR COVER

Have you wondered about the new cover format for the IAWA Bulletin? A photomicrograph of an interesting wood structure will be used for the cover stock, a different wood and a different color for each year. Thus for 1970 we selected a cross-section of a wood from the Sterculiaceae: *Cola natalensis* Oliv. The slide and specimen (BWC_w) 3966 were borrowed from the Harry Philip Brown Memorial Wood Collection at State University of New York College of Forestry.

EDITORIAL

In the 1970/1 issue of the IAWA Bulletin, members were invited to submit suggestions about the nature of future issues of this publication. A few ideas were presented in the Editorial and it was hoped that our readers would be motivated to react for or against these as well as to offer ideas of their own. Unfortunately, only a few individuals have taken the time to write us about this matter. Thus we are still without clear guidelines and we present the following in a further effort to establish some, the first consideration being whether we should publish technical material in the Bulletin.

As an Association, we number only about 160 members. Approximately 20 subscriptions to the IAWA Bulletin are purchased by libraries and others. Therefore, our total circulation is extremely limited. It has been argued that anyone who goes through the trouble of preparing a manuscript should have his work disseminated more widely than this. Such research results should preferably be submitted to major botanical journals where thousands of scientists will be exposed to new information.

On the other hand, it has also been argued that research in wood anatomy and closely related topics does not interest botanists as a whole. Even if an article is accepted by a journal having wide circulation, it does not guarantee that it will be read by a larger audience. Further, the larger journals often follow the practice of charging authors substantial fees for each printed page.

The present issue (1970/2) carries no technical papers. None have been received for consideration. If we continue to publish without including

technical material, are we justified in selling subscriptions? The material in this current issue is of the type that can be published in a newsletter and perhaps this is appropriate for the IAWA Bulletin. The Association might wish to consider publishing, or sponsoring the publication of, an annual monograph or some other type of format in addition to a newsletter. Your reaction to this alternative would be appreciated.

If it is determined that the membership would prefer to make this a technical journal, and if manuscripts are submitted in sufficient numbers, there appears to be no good reason why we cannot increase the frequency of publication to three or four issues per year. Although our present method of publication is not ideally suited to publishing lengthy manuscripts, sufficient pressure from IAWA members could justify changing to a more suitable printing method.

The proposal to publish thesis and dissertation abstracts did bring one or two letters. These expressed the view that such journals as "Wood and Fiber" already publish such abstracts as well as others in the broad field of wood science. It would appear inadvisable to duplicate this effort considering the relatively limited resources of IAWA. However, the editors believe that it would be a service to the membership if citations of recent articles by IAWA members were published, along with an indication of reprint availability.

Please make the IAWA Bulletin your forum. Your ideas will be published in a "Letters to the Editor" column if you wish. Communications is really the greatest benefit to be derived from membership in IAWA. Without information exchange there appears to us to be little justification for IAWA to exist.

W. A. Côté

C. de Zeeuw

ASSOCIATION AFFAIRSNew Deputy Executive Secretary

The Council of IAWA has approved the appointment of Dr. Carl de Zeeuw as Deputy Executive Secretary. Dr. de Zeeuw is Professor of Wood Products Engineering at the State University of New York College of Forestry in Syracuse. He has been a member of the Association for more than two decades and is actively engaged in wood anatomy research. He teaches courses in wood identification, wood technology, and tropical timbers; in addition, he serves as Curator of the Harry Philip Brown Memorial Wood Collection. Professor de Zeeuw will act as co-editor of the IAWA Bulletin as well as Deputy Executive Secretary.

Revised Constitution of IAWA

Enclosed with the Bulletin, but published as a separate document, is the Constitution of IAWA with the revisions brought about by the recent ballot results. The new Constitution was approved with but one dissenting vote. Members will note that the proposed change in Article III, "Object(s)", was voted down. Article V approval makes it possible for graduate students in the field of wood anatomy to become Associate Members. Article VI, "Admission to Membership", was altered by vote so that potential members (and associate members) can apply for membership without the previous requirement of being acquainted with two members who were willing to nominate them. However, the standards for admission to membership have not been changed by this action.

Members are reminded that, as in the earlier version, the Constitution can be altered or amended. Since such documents are intended to serve the needs of an organization, if in your opinion the new version does not appear

to meet the needs of IAWA, your objections should be voiced so that the Council can consider further revisions.

New Membership Directory

It has been five years since the last membership directory was published. There have been many changes during that period and it is hoped that the new roster has incorporated all of them. Please check your own listing in the enclosed directory and bring any errors or omissions to our attention at your early convenience.

In order to make this a more practical directory, an alphabetical listing was prepared while still retaining the geographical categories of the earlier editions. From the point of view of office procedures, an alphabetical listing has distinct advantages. However, neither type can be very useful if many errors exist. Please help us with corrections, and send us your changes of address so that frequent supplements to the directory can be circulated.

New Members

We welcome the following new members into our Association. Their nominations were approved by action of the Council in three classes: February, July, and October. The professional affiliations and mailing addresses of these members are included in the new IAWA Directory described above.

Mr. Haraldur Ágústsson

Mr. Roger Dechamps

Dr. Pieter Baas

Dr. Ramón Echenique-Manrique

Dr. Josef Bauch

Dr. John H. Hart

Dr. Mishka Bariska

Dr. Hans-Rolf Höster

Dr. Julius Boutelje

Dr. Judson C. Isebrands

Dr. Jifke Koek-Noorman

Dr. Robert W. Meyer

Dr. Russell A. Parham

Dr. Jaromir Rak

Mr. Roberto da Silva Ramalho

Dr. Fredric Paul Riech

Dr. A. W. Robards

Honorary Members

Two veteran members of IAWA were named Honorary Members by action of the Council in July. Professor M. W. Bannan, formerly a member of the Department of Botany at the University of Toronto, Canada, has retired from teaching and research. During his long and active career he made outstanding contributions to the knowledge of cambium.

Professor R. H. Wetmore of the Biological Laboratories at Harvard University is a charter member of IAWA. At 78 years old he is still active and interested in botanical research. Members desiring to send their personal congratulations to these two distinguished scientists will find their mailing addresses in the new directory.

Members are reminded that the Constitution provides for honorary memberships under Articles V and VI. Nominations of individuals for this distinction should be directed to the Office of the Executive Secretary for consideration by the Council.

Deceased Member

We regret to inform you of the death of Professor Dr. Bruno Huber in December, 1969. Professor Huber had been director of the Forstbotanisches Institut of the University of Munich for many years. He was elected Honorary Member of IAWA at the business meeting held during the Botanical Congress of 1964 at Edinburgh.

New Glossary Under Consideration

Dr. D. F. Cutler, Jodrell Laboratory at the Royal Botanic Gardens in Kew, England, has agreed to serve as liaison officer between IAWA and the Linnean Society of London as explorations are made into the possibility of producing an expanded glossary at some indefinite future date. We are asking Dr. Cutler to prepare a report which can be published in the next issue of the IAWA Bulletin. At this point, it is hoped that the project can be a cooperative venture between the two organizations and that interested IAWA members will volunteer to serve on a committee with Dr. Cutler.

Finances

According to our records, 86 members have not paid their annual dues for one or more years. This represents more than half of the membership!

Admittedly, there can be errors in the financial records. We know that some members were not credited with payment because our bank did not inform us who sent dues directly to our account during the early part of 1970. After approximately June 1 we were notified of the source of each payment. The special notice (on pink paper) distributed with 1970/1 issue of the Bulletin brought response from five members. There are at least ten more who should receive credit, but we have no way of recording those particular dues payments without notification from the members concerned.

In an effort to correct all of the records, you will find a pink notice in this mailing with the Bulletin and other enclosed documents. This notice shows your individual status as regards dues, ACCORDING TO OUR RECORDS. If you believe that your record is in error, please notify us and supply whatever information you can on approximate payment date and method of payment.

Problems with the Mails

We have reason to believe that some members have not received ballots on the revision of the Constitution, notices of dues payments, IAWA Bulletins, and other items of importance in keeping you informed of the activities of the Association. Because communications is the mainstay of an international organization such as ours, we have decided to use First Class Mail or Air Mail, depending upon the weight of the items, in all future mailing. This should minimize the chances of loss since return to the sender is normally guaranteed in these categories of mail.

WOOD ANATOMY ACTIVITIES AROUND THE WORLDAustralia

IAWA Member R. K. Bamber, Officer-in-Charge of Wood Structure and Identification in the Division of Wood Technology, The Forestry Commission of New South Wales, Sydney, Australia, has submitted the following which will be of interest to members of our Association:

A wood collection of authentic specimens is maintained in the Division of Wood Technology primarily to assist in timber identification. Collection of wood specimens commenced with the creation of the Division in 1936, the original specimens coming from the old Technological Museum, Sydney. The collection at the Museum was built up largely by the botanist R. T. Baker.

A wood collection is considered essential in timber identification as microscopic examination must be supported in most cases by macroscopic comparison between the unknown and an authenticated specimen.

The collection contains approximately 9,000 specimens representing 1,100 genera and has recently been reorganized to enable rapid location of related woods. This reorganization has enabled a catalogue of the specimens to be made. The catalogue lists both species and number of samples. When printed, copies will be distributed to institutes and researchers in this field and it is hoped that this will ensure the fullest use of the collection.

Ed. Note: Members desiring a copy of the catalogue described above can write to the Division of Wood Technology.

Great Britain

Honorary Member Dr. C. R. Metcalfe has written that his retirement will be a busy one. He and Dr. L. Chalk are collaborating in the preparation of a new edition of "Anatomy of the Dicotyledons". The authors are earnestly seeking suggestions from IAWA members, and others, on any possible ways of improving the book. Also, if members have any unpublished information which could usefully be included in the book, they would be glad to consider it and, if published, the source of information would be acknowledged.

He notes that Dr. R. A. Howard and Dr. Katherine Esau have undertaken to contribute articles on petiole structure and phloem, respectively, to the new edition. The authors hope that this will increase the value of the book.

Hungary

Professor P. Greguss of the University of Szeged (Hungary) offers the following information to members of IAWA:

In Index Xylariorum 1967, Vol. 49, page 29, the wood collection of the University of Szeged is mentioned. This collection was developed by Professor Greguss and is still in his possession. It contains more than 500

coniferous species and about 40 Cycas species. Information on these species was published in "Identification of Living Gymnosperms on the Basis of Xylotomy" and "Xylotomy of the Living Cycads" (1968).

In the conifer monograph (1955) there were 350 species described. An additional 150 coniferous species were studied and their descriptions will appear in Volume II of the conifer monograph. Professor Greguss believes that this collection of original material is unique, nothing like it being available anywhere.

Professor Emeritus Greguss is now more than 80 years of age and has made plans for leaving his entire collection of 2500 to 3000 samples, and the original slides, to the Hungarian State without compensation. It will be preserved in a separate room in the Hungarian National Museum after 1975 and will be at the disposal of world scientists. The address is: National Museum, Botanical Section, Budapest, Hungary, Növénytár, Vajdahunyad Vára.

In the meantime the collection is located in Professor Greguss' Institute: Institutum Botanicum Universitatis, Szeged, Táncsics M. u. 2.

Indonesia

Some time ago this office was notified by the director of the National Biological Institute at Bogor, Indonesia, that the Botanical Garden had suffered serious damage in a freak hurricane on January 4, 1970. Completely uprooted were 426 trees in their important scientific collection. In addition many plants and trees were injured, much equipment and facilities such as greenhouses were destroyed and other miscellaneous resources were lost.

An appeal has been made for any kind of assistance that can be offered toward the re-establishment of the facilities. Evidently aid can be extended

in the form of equipment, supplies, specimens and funds. For details, members are urged to contact Didin S. Sastrapradja, HORTUS BOTANICUS BOGORIENSIS, Lembaga Biologi Nasional, Kebun Raya, Bogor, Indonesia.

United States of America

Samuel J. Record Wood Collection

The extensive wood collection which was primarily assembled by the late Samuel J. Record at the School of Forestry, Yale University, New Haven, Connecticut has been transferred in toto to the United States Forest Products Laboratory at Madison, Wisconsin.

All the materials in the S. J. Record Wood Collection, i.e., wood samples, indices, slides, herbarium material and reference files are being installed in newly remodeled space at Madison. The Forest Products Laboratory now has three technical personnel under the leadership of Dr. B. Francis Kukachka and promises of more staff so that all the extensive material in their own collections and the newly acquired resource of the S. J. Record Collection may be properly utilized.

PERSONALS

Member Requests Information on Bamboo Plantations

Ing. Jorge Flamand is anxious to hear from members who can give him information on bamboo plantations for pulp production for the paper industry. If you have worked or are working in this or a closely related field, he would appreciate a letter from you. His address is:

Valdivia 126, Mexico 13, D. F., MEXICO

Request for Information on Ammonia Treatments for Wood

Dr. R. W. Davidson and Dr. C. Schuerch of the State University College of Forestry at Syracuse, New York 13210 are conducting a survey to determine the extent to which ammonia treatments for wood are being employed in laboratories around the world. If ammonia treatments are being used experimentally or in actual applications in your laboratory or in industry in your country, would you kindly submit this information to one of these two individuals at the address given.