IAWA Newsletter - August 2021

Future Meetings

The 8th IAWA-China Group Annual Meeting and 2021 International Youth Forum for Wood Anatomy, sponsored by IAWA and IAWA China Group, will be held on November 12-14, 2021 in Chengdu, China. The meeting will be organized by Sichuan Agricultural University and the National Furniture Product Quality Supervision and Inspection Center (Chengdu) and also be co-sponsored by IUFRO and IAWS. The theme of the conference is “Promote Ecological Wood Anatomy for Sustainable Wood Utilization”.

PhD candidates or early career researchers who have completed their PhD no longer than five years are cordially invited to submit their abstracts and attend the International Youth Forum for Wood Anatomy open in the afternoon of November 13th (UTC+8, Beijing Time Zone). Deadline for abstract submission is September 30th, 2021.The abstracts will be evaluated by the International Scientific Committee of the Forum and the qualified authors will be notified on October 10th, 2021 to give oral presentations. The speakers out of China will attend the Forum on-line, and the speakers in China will attend the Forum in-person. There will be no registration fees for participants of the International Youth Forum for Wood Anatomy. Please click the IAWA website link http://www.iawa-website.org/en/Meeting/Future_Meetings/article_181.shtml to check the first announcement of the meeting. Please contact with the coordinator of the International Youth Forum Dr. Shan Li lishan.ecology@hotmail.com for abstract submission and detailed information on the Forum.

Shan Li, China

Meeting reports

Wood and Charcoals in Mediterranean Forest Ecology: Anatomical Identification and Functional Traits to Interpret Past and Current Climate Changes

High success for the International Summer School “Wood and charcoals in Mediterranean forest ecology: anatomical identification and functional traits to interpret past and current climate changes” held at the Department of Agricultural Sciences of the University of Naples Federico II at Portici (Naples, Italy) on 21-25 June 2021.

Some of the instructors and participants to the International Summer School “Wood and charcoals in Mediterranean forest ecology: anatomical identification and functional traits to interpret past and current climate changes”

The Summer School provided basic, innovative, and transdisciplinary knowledge on different aspects of wood and charcoals analysis. It was focused on the study of wood anatomy, providing knowledge and tools to study and interpret environmental data inferred from wood and charcoals stored in natural and archaeological contexts in the Mediterranean area. In particular the summer school showed how a single sample of ancient wood/charcoal can provide information about past climate, human impact, forest history, historical biogeography, dynamics of wood formation in response to human and/or climatic factors in the past.

The Organizing Committee was formed by Veronica De Micco, Gaetano Di Pasquale and by early-career scientists: Alessia D'Auria, Chiara Amitrano and Nicola Damiano from the Dept. of Agricultural Sciences of the University of Naples Federico II. The Secretariat was formed by Stefania Cuocolo, Mariangela Fischetti and Adriana Forlani who were precious in supporting all administrative and logistic issues.

The Summer School was held under the joint auspices of the EGU (European Geophysics Union), the International Association of Wood Anatomists (IAWA), the Association of Tree-ring Research (ATR), the Dept. of Agricultural Sciences and MUSA of the University of Naples Federico II, the Società Botanica Italiana (SBI), the Società Italiana di Selvicoltura ed Ecologia Forestale (SISEF), the Società Italiana di Ecologia (SItE), the Accademia Italiana di Scienze Forestali, and The Parco Archeologico di Ercolano.

The School was held as hybrid event, both in presence and on-line for students having limitations in travelling due to the COVID-19 pandemic. The practical activities were performed in a way assuring the virtual participation: part of the activities were recorded and then shown through Microsoft Teams, while others were performed directly in live streaming.

The very full and intensive program consisted of theory, field-work training and hands-on laboratory sessions where the students had the opportunity to analyse their own samples.

The organization of this Summer School was demanding and very intensive, but notwithstanding the difficulties and logistic constraints, the feedback received from Instructors and Participants were very enthusiastic and positive.

We promise that we will be back soon with a second edition!

Veronica De Micco, Gaetano Di Pasquale, Alessia D'Auria, Chiara Amitrano, Nicola Damiano, Italy

The 2nd Q-NET Workshop Webinar, May 19th, 2021

The second virtual Q-NET workshop took place on May 19th, 2021, and was titled "A journey through QWA with stopovers", where QWA means quantitative wood anatomy. The workshop was attended by more than 125 participants. For this workshop, questions and suggested topics were collected previously and then answered and discussed by experts in five sequential sessions grouped into: 1) study design & field work, 2) sample preparation, 3) measuring techniques, 4) data analysis, and 5) xylogenesis.

Georg von Arx, Switzerland

Miscellaneous News

IAWA Officially Became an IUBS Affiliate Member

On July 27th, 2021, IAWA was formally notified of its Affiliate Membership of IUBS (International Union of Biological Sciences, http://www.iubs.org/). The benefits for IAWA include enhancing the visibility of IAWA activities in the international field of biological science, opportunities to directly participate and host technical symposia with IUBS, listed as an Affiliate Member on the IUBS website. Furthermore, IAWA will strengthen its collaboration with IUBS to play an important leading role in the related research fields.

Shan Li, China

New Journal on Wood Culture

One of these days the World Wood Day Foundation and International Wood Culture Society are launching the International Journal of Wood Culture (IJWC) to be published on-line in Open Access and in hard copy by Brill (www.brill.com/ijwc). The Journal will accept papers on all aspects of wood and other plant materials such as bamboo, rattan, and bark and their role in art, culture and society in past, present and future: in building and architecture, in music, arts and crafts, in religion and custom, in transportation and sport, or in providing sustainable alternatives to construction and manufacturing materials. Editor-in-Chief is Harvey Green. IAWA has been closely collaborating with the International Wood Culture Society, with IAWA members in prominent roles on the editorial board and as special advisors of IJWC (Pieter Baas, Michael Grabner, Mechtild Mertz and Takao Itoh). The first volume contains 12 papers on a wide and attractive diversity of wood culture subjects.

Pieter Baas, the Netherlands

Audit Report of IAWA Finances 2019 and 2020

On 19 May 2021, the IAWA Audit Committee composed of Renee Klaassen and Leen van den Oever, scrutinised the financial accounts of 2019 and 2020. Leen van den Oever succeeded Jifke Koek-Noorman who had served on the committee for a number of years. The 2019 audit had been delayed because of the Covid-pandemic. Financial administrators Cees Lut and Ingrid de Kort assisted the audit committee and provided explanations of the accounts where requested. The audit committee was fully satisfied with the accuracy of the accounting by our financial administrator, and gave some useful technical as well as strategic advice. The full report and accounts summaries will be submitted to the Executive Secretary and the Council.

Photos of the audit, with from left to right Renee Klaasen, Cees Lut, Leen van den Oever and Ingrid de Kort

Because of the very healthy financial situation of the IAWA, the Audit Committee urged Council to use the substantial financial reserves more pro-actively in "subsidising new projects all over the world to promote wood anatomy. In this era of climate change and biodiversity loss, wood anatomy and deeper understanding of ecosystems can provide good arguments for nature conservation and forest restauration, and or sustainable wood use".

It was my privilege to host the audit meeting at my home, and join the committee afterwards in an excellently catered Indonesian dinner.

Pieter Baas, the Netherlands

New Biodiversity Pavilion at Mexico's National Autonomous University

Call for contributions of stunning photos of growth rings and their diversity for a dendrochronology exhibition!

In times of widespread Science funding cuts, skepticism and restrictions, the Institute of Biology of Mexico´s National Autonomous University in Mexico City has been blessed by funding from the Carlos Slim Foundation to build a new, modern Biodiversity Pavilion. The new building will house the National Wood Collection of Mexico, which was curated for many years by IAWA's long-term member Josefina Barajas, along with the vertebrate collections and a state-of-the-art molecular biology laboratory. The Pavilion will also count with Natural History exhibitions for the general public, and one of the exhibitions currently in preparation will be about dendrochronology.

New Biodiversity Pavilion, Mexico's National Autonomous University

Martin Ricker, who is head of the Botany Department and one of the organizers of the dendrochronology exhibition, is asking for exceptional and stunning photos of growth rings, their anatomical delimitations, and diversity, along with a brief description of the taxon and what is being shown. The best photos will be selected, shown and, credited at this new exhibition. If you would like to contribute, please send photos directly to Martin Ricker at mricker@ib.unam.mx.

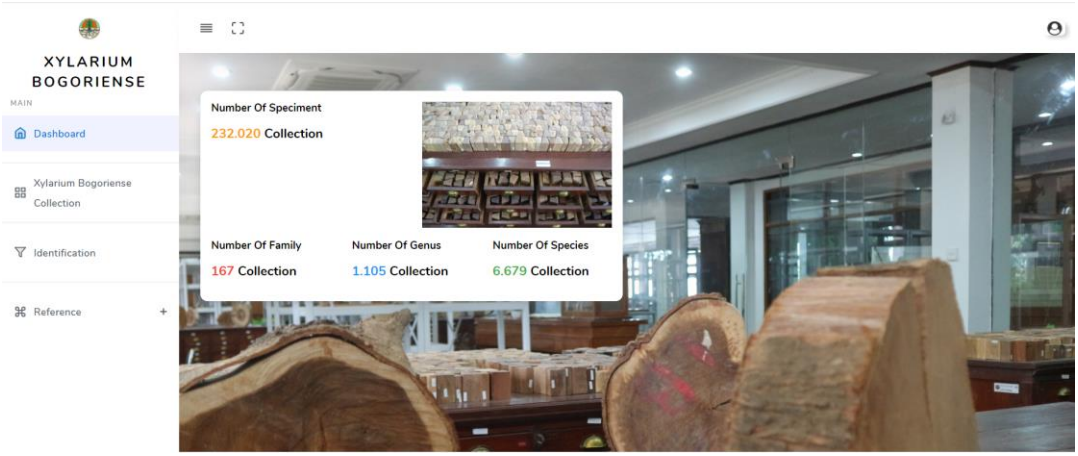
Marcelo Pace, Mexico

Development of Integrated Xylarium Bogoriense Database

Previously, the Xylarium Bogoriense database was fragmented into several databases such as the National Timber Collection; Overseas Wood Collection; Wood Specimen Location/Address; and Wood Identification Key. The Integrated Xylarium Bogoriense Database makes it easy for users to find detailed information on a piece of wood in the Xylarium Bogoriense collection in one application. The information presented are collection number, origin of wood sample, collector's name, collection date, family name, genus name, species name, local name, wood storage room, drawer number, timber utilization, specific gravity, strong class, durability class, commercial timber, conservation status, microscopic anatomical features, macroscopic and microscopic photos, as well as information on the microscopic slides and fibres collection. This application also allows users to identify wood by utilizing existing identification keys without switching to other applications. Especially for specimen collections, every piece of wood at Xylarium Bogoriense is equipped with a QR code that allows for an easier search process in one click.

Furthermore, this database can also be used to obtain information on the distribution of wood in Indonesia and to integrate wood species from various regions which can later become a reference in data collection and mapping of wood species in Indonesia. In addition, in the Integrated Xylarium Bogoriense Database, users can also create wood groupings

based on conservation status, use, and classification in trade timber. The database is now prepared for public access through website and mobile App.



Ratih Damayanti – Indonesia

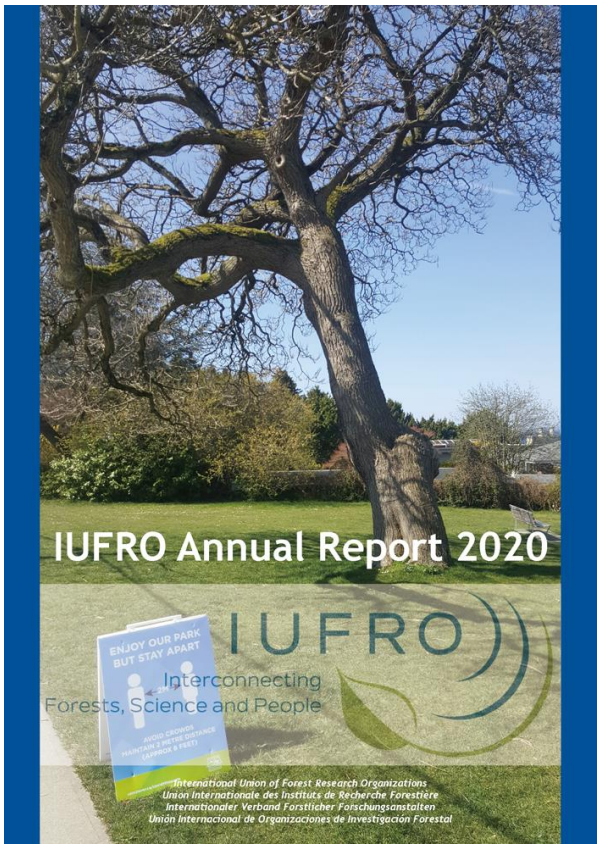
Japanese Version of IAWA List of Microscopic Bark Features was Published

The Japanese version of the IAWA List of Microscopic Bark Features (Angyalossi et al. 2016), translated by Yuzou Sano, Arata Yoshinaga and Satoshi Nakaba, was published by Kaiseisha Press on March 5, 2021. Kaiseisha Press has already published Japanese versions of the Hardwood List and the Softwood List in 1998 and 2006, respectively. This new translated version of IAWA publication is a companion volume to the previous two books. A printed version (ISBN: 9784860993825) and a pdf version (ISBN: 9784860997175) are available from the publisher (https://www.kaiseisha-press.ne.jp/cat_en.pl).

Yuzou Sano, Japan

IUFRO Annual Report 2020 Highlights Its Collaboration with IAWA

The IUFRO Annual Report 2020 has been released on May 18th, 2021. The active collaboration of IAWA with IUFRO, such as the establishment of IUFRO Research Group 5.16.00-Wood Identification and its co-sponsorship to the 7th IAWA-China Group meeting, was highlighted in the summary of Division 5, Forest Products.




Keith M. Reynolds, Jose G. Borges, Harald Vacik, Paul F. Hessburg. Forthcoming. *Spatial decision support for forest management and policy formulation. Forests.* IUFRO 4.03.00, 4.03.03, and 4.04.04.

Jose G. Borges, Jose Ramon Gonzalez-Olabarria, Yu Wei. Forthcoming. *Sustainable forest management scheduling, on wildfire management and decision support. Frontiers in Forests and Global Change.* IUFRO 4.04.04.

Bogdan Strimbu, Lucian Curtu. Forthcoming. *Forest and Sustainable Development (9th International Symposium on Forest and Sustainable Development. Forests.* IUFRO 4.03.00 and 4.03.02

Forest Products - Division 5

Coordinator:
Pekka Saranpää

Deputy Coordinators:
Franka Brüchert, Roger Meder, Andrew Wong, Eric Hansen

Division 5 has 10 Research Groups (RGs) including 21 Working Parties (WPs) that address all aspects ranging from timber identification and processing to forest products culture. Sustainable use of biomass, future wood-based products, biorefining, life cycle analysis, cascade use of wood are in the focus of forest products research. Forest products culture and traditional use of wood promote the visibility of Division 5 and IUFRO to wider audiences than scientific community and decision makers.

RG 5.01.00:	Wood and fibre quality (5 WPs)
RG 5.03.00:	Wood protection (1 WP)
RG 5.04.00:	Wood processing (3 WPs)
RG 5.05.00:	Composites and reconstituted products
RG 5.06.00:	Properties and utilization of plantation wood (2 WPs)
RG 5.07.00:	Biorefinery (2 WPs)
RG 5.10.00:	Forest products marketing and business management
RG 5.11.00:	Non-wood forest products (1 WP)
RG 5.12.00:	Sustainable utilization of forest products (2 WPs)
RG 5.15.00:	Forest products culture (2 WPs)
RG 5.16.00:	Wood identification (3 WPs)

Many of the unit meetings planned to be held in 2020 were either cancelled or postponed to the near future because of the situation caused by the pandemic. The bidding for the next all-Division conference was organized in early 2020. All-Division 5 conferences have taken place every five years with the first one in 1973. The next one was scheduled for 2022, but it was decided to postpone it by one year to 2023. The bid has been won by The University of the Sunshine Coast and the Queensland Government Department of Agriculture and Fisheries, Australia. The conference will be held at the Cairns Convention Centre, Australia, on 4-8 June 2023. Call for sessions and conference planning will start in early 2021.

Division 5 and the International Association of Wood Anatomists (IAWA) have had a long-term collaboration and organized many meetings and sessions together. The use of wood anatomy for identification has been well-established for more than 100 years, and its ability to separate to genus or species groups is adequate for most purposes. However, today also the determination of provenance is important for enforcement of legal logging. Therefore, new methods, such as DNA, computer vision, chemical fingerprint, stable isotope etc., are needed to supplement wood anatomy-based identifications, which are under development with varying degrees of success. Thus, a new Research Group 5.16.00 "*Wood identification*" was established under Division 5. It is coordinated by Yafang Yin, China, and the RG has three Working Parties.

Participants of the 7th Annual Meeting of the IAWA-China Group

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Please click here for the pdf version of the annual report. For detailed information on the 7th IAWA-China group meeting and the establishment of IUFRO 5.16.00, please refer to the news in the IAWA website http://iawa-website.org/en/News/article_156.shtml and http://iawa-website.org/en/News/article_163.shtml, respectively.

Shan Li, China

Seeking More Connections on Wood Anatomy in Australia

Council member, Dr Nigel Warwick, Plant, Soil & Environment Systems/Botany, School of Environment & Rural Science, University of New England, New South Wales, Australia (nwarwick@une.edu.au) would like to hear from any members in Australia/New Zealand/Oceania/Papua New Guinea to find out what teaching, research and other activities are being carried out in wood anatomy and would be interested to hear about the current state of xylaria in the region.

Nigel W.M. Warwick, Australia

The 2020 Impact Factor of IAWA Journal is Released

On June 30, 2021, Clarivate released the impact factors of scientific journals for 2020. The impact factor of IAWA Journal, sponsored by the International Association of Wood Anatomists, is 2.308 in 2020. The past impact factors were 1.627(2019), 3.182(2018), 1.903(2017), 0.403 (2016), 1.043 (2015) and 2014 (1.074).

Shan Li, China

I.W. Bailey Award 2021 - Call for Nominations

Candidates may nominate their submissions directly to the editors of IAWA Journal: Lloyd Donaldson (lloyd.donaldson@scionresearch.com) and Marcelo Pace (marcelo.pace@ib.unam.mx), together with a one-page cv, and one supporting statement from a senior IAWA Member before September 1st, 2021.

The Award Committee will be formed by the Editors and Associate Editors of the IAWA Journal. Please visit http://www.editorialmanager.com/iawa/ for instructions to authors.

Reconstruction of the PayPal Service of the IAWA Website

The old IAWA website for transferring money via PayPal (credit card) will soon be restructured. The website address will remain the same, but will have a completely different look.

Ingrid de Kort and Cees Lut

Call for Newsletter Items

The IAWA Newsletter will keep the IAWA community actively informed and stimulate members to visit the IAWA website for the latest and detailed news. Please send any news items you wish to share with the whole IAWA community to the newsletter editors Dr. Shan Li (lishan.ecology@hotmail.com) or Dr. Lichao Jiao (jiaolc@caf.ac.cn) of the IAWA Office, Beijing.

Call for Manuscripts for IAWA Journal 2022

The editors of the IAWA Journal would like to encourage new manuscript submissions for volume 43, 2022. A reminder that subscribers/IAWA members can register for 'table of contents' alerts on the IAWA Journal homepage. The contents of 42(3) which is just going to press are listed below. If you have an idea for a topical review, please contact the editors for feedback.

Lloyd Donaldson, New Zealand
Marcelo Pace, Mexico

Contents of IAWA Journal 42(3) 2021

Authors: Marcelo Mendes Braga Júnior, Fernanda Ilkiu Borges de Souza, and Luiz Eduardo de Lima Melo
Pages: 1–23
Online Publication Date: 07 May 2021.

Light microscopy of wood using sanded surface instead of slides
Authors: Peter Kitin, John C. Hermanson, Hisashi Abe, Satoshi Nakaba, and Ryo Funada
Pages: 1–14
Online Publication Date: 06 May 2021.

Identification of mahogany sliced veneer using handheld near-infrared spectroscopy device and multivariate data analysis
Authors: Hugo S. Rocha, Jez W.B. Braga, Daniele C.G.C. Kunze, Vera T.R. Coradin, and Tereza C. M. Pastore
Pages: 1–12
Online Publication Date: 25 Feb 2021.