

Future Meetings

IAWA Fossil Wood Symposium in Prague, Czech Republic, postponed to May 1-7, 2021

The IAWA Fossil Wood Symposium, dedicated to the memories of Prof. Dr. Herbert Süß (1920-2017) and Prof. Dr. Alfred Selmeier (1923-2018), will be postponed to May 1-7, 2021, organized during the XIth IOPC (International Organization of Palaeobotany Conference) held conjunctly with the XVth International Palynological Congress. The IAWA Symposium will be convened by Dr. Jakub Sakala. Jakub will also be organizing an IAWA Social Hour and supper in the famous Carthusian Monastery (1628) in Melnik, just outside Prague, where IAWA has been previously hosted at a European Palaeobotanical Conference. Detailed information is available by clicking <https://www.prague2020.cz/news.php>

Jakub Sakala, Czech Republic

The 3rd IUFRO Acacia Conference in Sarawak, Malaysia, postponed to June 22-24, 2021

The 3rd IUFRO Acacia Conference, Bintulu, Sarawak, Malaysia will be postponed to a later date which is June 22-24, 2021. The deadline for early bird registration will also be extended to January 31, 2021, while the deadline for abstract submission will be extended to February 28, 2021. Late registrations between February 1, 2021 and June 4, 2021 will be possible for a higher registration fee. All colleagues and friends are encouraged to take the chance to register as early as possible. For more information please visit our website at <https://iufroacacia2020.com>, or email us at iaconf3rd@gmail.com.

Annya Ambrose, Malaysia

Meeting Reports

Sandalwood Workshop Online Held in Australia, August 5th, 2020

Sandalwood Workshop organized by the Advanced DNA, Identification and Forensic Facility (ADIFF), University of Adelaide, had been successfully held online on August 5th, 2020. The theme of the workshop mainly covered species identification and origin tracking of sandalwood using isotopic fingerprinting and genetic methods, sustainable utilization and conservation of resources, and future opportunities and collaborations. More than 50 representatives attended this workshop and 10 oral presentations were presented. The aim of this workshop is to bring together important stakeholders for sandalwood in Australia, and internationally, including government agencies, scientific institutions and landholders, to present their perspectives on the current problems facing the industry and the potential solutions.

Lichao Jiao, China

Positive Digital Initiatives in Plant Anatomy Triggered by the Current Global Pandemic

We are in special times, something only few of us could have predicted. But the sudden confinement, the impossibility of gathering in our institutional and societal meetings have also brought up new possibilities. The Botanical Society of America made Botany 2020, initially scheduled to happen in Anchorage, Alaska, to take place 100% virtually from July 27th till 31st and with more accessible prices. That allowed botanists not only from the US but from across the world to gather online and discuss their most recent findings. At least two sections, one on Morphology and Anatomy and another in Paleobotany counted with several wood anatomical contributions from our members followed by live discussions. Another remarkable initiative was that the I Simpósio Digital de Sistemática e Evolução de Plantas, created by the initiative of 13 young Brazilian Botany Professors, completely free of charge,

that took place from August 10th to 11th and counted with over 2,000 attendees, with talks in Portuguese, Spanish and English and an enthusiastic audience happy to few connected and learn the most recent finding in Neotropical Botany. Smaller, but not less important initiatives, are the now weekly encounters in plant anatomy promoted by the Plant Anatomy Lab of the University of São Paulo called AnatoEncontros, currently in Portuguese, every Friday at 12 o'clock (GMT -3, Brasilia time) on their YouTube channel (previous talks are available on their website) and that of the I Ciclo de Palestras Baiano Online em Anatomia Vegetal (I CPBOAV), which took place from August 17th till 19th, and was the first of a round of periodic talks planned by the Laboratory of Plant Anatomy of the Federal University of Bahia, Brazil, organized by IAWA member Lazaro Silva and colleagues, with special emphasis in wood anatomy.

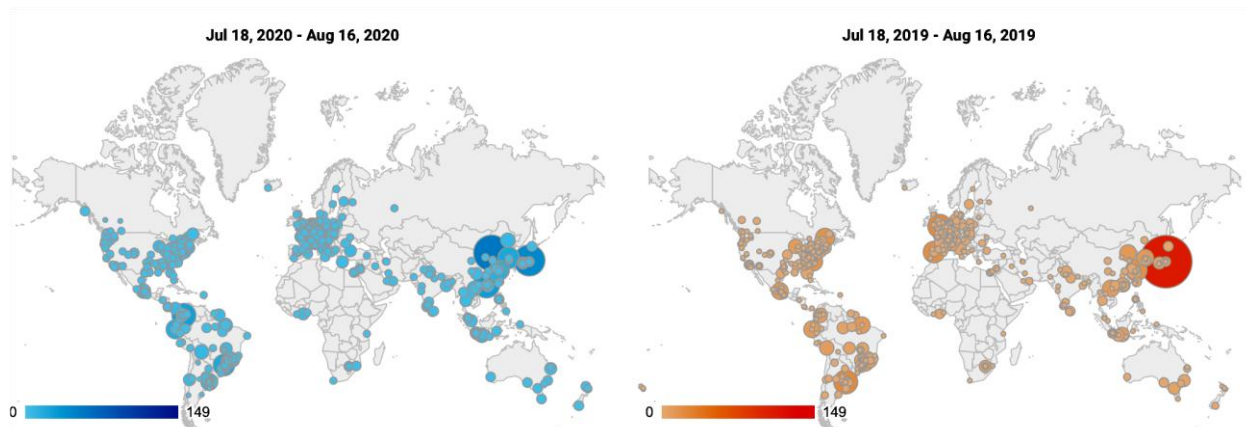
Marcelo Pace, Mexico

Miscellaneous News

Labs Closed, Researchers are Turning to InsideWood

The global pandemic has kept most of us out of our labs and away from the institutions where we work. In such times, online resources can help us to continue our work. It's been gratifying to find that InsideWood (insidewood.lib.ncsu.edu) is among those resources. InsideWood is housed and maintained on NC State University web servers and the library has linked it to Google Analytics so that it's possible to see where and how much this online resource is used.

April was the first full month that quarantines were broadly enacted across the globe. It was thought that perhaps there would be fewer users in April 2020 compared to years past, however comparing April 2019 to April 2020, users increased 38% and sessions increased 25%. Evidently, many of us are fortunate to have good internet connections at home. Below are maps comparing locations (cities) of InsideWood users during a 30-day period in 2019 vs. that same period in 2020. The larger the circle, the more users in that city.



Thanks to Shirley Rodgers and the IT staff of the library, there is a controlled access interface for editing and adding content to InsideWood. By the end of this year, we hope to add modern softwoods/conifers to InsideWood. Please - if you have noticed any errors or know of papers with descriptions of fossil or modern day woods not in InsideWood, please write to Elisabeth Wheeler (elisabeth_wheeler@ncsu.edu). If you have any images, especially of conifers, that you hold copyright to Elisabeth and are willing to share on InsideWood, please send. Contributions are acknowledged by individual and institution.

Please see the details via the library news under the link <https://www.lib.ncsu.edu/news/main-news/labs-closed-researchers-are-turning-insidewood>.

Elisabeth Wheeler, USA

Continuously Participate in IAWA Global Xylaria Survey

The IAWA sincerely invites you to continuously participate in the Global Xylaria Survey and submit the survey via “wood collections” on the IAWA website: http://www.iawa-website.org/global_xylaria_survey/, sharing information of your xylarium with the international wood anatomy community. This official survey is a follow-up to the IAWA Index Xylariorum 4.1, which was released in 2016 by IAWA. The webpage on the IAWA website has been recently established. In the future, every curator may continuously update information for his/her xylarium at any time. All information will be used for research purposes and shared by all xylaria/ IAWA members for better communication within the wood anatomy research community. Please visit the IAWA website to submit the information of your xylarium, and also refer to IAWA Index Xylariorum 4.1: http://www.iawa-website.org/uploads/soft/Abstracts/Index_Xylariorum_4.1.pdf. Please contact Dr. Tuo He (tuohe@caf.ac.cn) if you have any questions.

Tuo He, China

IAWA Twitter Account

From March 2020, the IAWA twitter account has been up and running ([@IAWA_Wood](https://twitter.com/IAWA_Wood)). With weekly posts on our most recent articles, various news in wood anatomical works published elsewhere, and open job position in our field, the IAWA aims to boost the science of wood anatomy. Follow us for constant news and use our hashtag “#IAWA_wood”.

Marcelo Pace, Mexico

New PhD Position in Comparative Wood Anatomy, the Netherlands

A new PhD position (4 years) on comparative wood anatomy in Naturalis Biodiversity Center (The Netherlands) is open for application, the deadline for application is July 31, 2020, and the position starts November 1st at the earliest. Please find descriptions of the vacancy [here](#). All details can also be found under the link <https://www.naturalis.nl/en/about-us/phd-wood-anatomy>.

Frederic Lens, the Netherlands

Post-doctoral Fellowship: Advanced Imaging of Developing Xylem

Post-doctoral fellowship at Stellenbosch University, South Africa is now open for application. This research will be done within the “EucXylo” Research Chair (<http://blogs.sun.ac.za/eucxylo/>), a program funded mainly by the Hans Merensky Foundation (HMF), based at the Department of Forest & Wood Science at Stellenbosch University. The program aims to understand and model processes of wood formation (xylogenesis) in eucalypts. Application closing date is 18 September 2020, and any questions about the position can be addressed to Dr. Drew at the email address drew@sun.ac.za.

David Drew, South Africa

Special Issue on Wood Identification

The special issue of IAWA Journal devoted to articles related to wood identification (Volume 41(4), 2020) currently has 6 articles published in advance with another 3 articles in press and a number of other articles in review. This special edition is expected to be published by November, 2020. Advance published articles are available on the journal web site and include:

A new atlas and macroscopic wood identification software package for Italian timber species

By: Flavio Ruffinatto, Gaetano Castro, Corrado Cremonini, Alan Crivellaro and Roberto Zanuttini

Pages: 1–19

Publication Date: 21 Oct 2019

Machine vision for field-level wood identification

By: Bruno Geike de Andrade, Vanessa Maria Basso and João Vicente de Figueiredo Latorraca

Pages: 1–18

Publication Date: 16 Mar 2020

Forensic identification of CITES Appendix I Cupressaceae using anatomy and mass spectrometry
By: Rene J. Carmona, Michael C. Wiemann, Pieter Baas, Cristobal Barros, Gabriela D. Chavarria,
Pamela J. McClure and Edgard O. Espinoza
Pages: 1–20
Publication Date: 31 Mar 2020

An optimized DNA extraction protocol for wood DNA barcoding of *Pterocarpus erinaceus*
By: Yang Lu, Lichao Jiao, Tuo He, Yonggang Zhang, Xiaomei Jiang and Yafang Yin
Pages: 1–16
Publication Date: 08 Apr 2020

Computer-assisted timber identification based on features extracted from microscopic wood sections
By: Frederic Lens, Chao Liang, Yuanhao Guo, Xiaoqin Tang, Mehrdad Jahanbanifard, Flavio Soares
Correa da Silva, Gregorio Ceccantini and Fons J. Verbeek
Pages: 1–21
Publication Date: 26 Jun 2020

Using the InsideWood web site: Potentials and pitfalls
By: Elisabeth A. Wheeler, Peter E. Gasson and Pieter Baas
Pages: 1–51
Publication Date: 01 Jul 2020

Lloyd Donaldson, New Zealand

Audit of IAWA Finances 2019 Delayed due to Covid-19

The annual audit of IAWA's finances, normally scheduled for March has been postponed until next year, to comply with Covid-19 regulations. The Audit Committee is now composed of Renee Klaasen and Leen van de Oever. Leen succeeds Jifke Koek-Noorman who retired from the Audit Committee last year. The IAWA financial reserves maintained in bank accounts in Leiden, the Netherlands; Madison, Wisconsin, USA; and Nanjing, China, are in good shape, and annual membership dues will remain unaltered for 2021. IAWA Members who are in arrears with their dues payments are urgently requested to pay our Financial Officer, Cees Lut in Leiden. Members of the IAWA China Group should transfer their dues to Zhai Shengcheng in Nanjing.

I.W. Bailey Award 2020 - Call for Nominations

From 2014 onwards, the I.W. Bailey Award is presented annually for the best original or review paper submitted to the IAWA Journal by a PhD candidate or postdoc who has completed her/his PhD no longer than five years since the submission of her/his manuscript. All subject matters published in the IAWA Journal are eligible: wood, bark, palm, bamboo, and rattan anatomy and ultrastructure, preferably linked to other fields such as, for instance, plant physiology, ecology, tree biology, pathology and decay, plant systematics and phylogeny, palaeobotany, climatology, archaeobotany, wood properties, biomechanics and wood culture. The Award consists of a certificate and 1000 Euro, sponsored by Brill Publishers.

Candidates may nominate their own submissions directly to the editors 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 of the current year. 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).

The I.W. Bailey Committee is looking forward to receiving nominations for 2020 before September 15th, 2020.

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 Yafang Yin (yafang@caf.ac.cn), or Dr. Shan Li (lishan@caf.ac.cn) of the IAWA Office, Beijing.

Call for Manuscripts of IAWA Journal 2021

The editors of IAWA Journal would like to encourage new manuscript submissions for volume 42, 2021. Issue 3 of Volume 41, 2020 has been published with the following table of contents.

Ecological wood anatomy of *Alnus nepalensis* (Betulaceae) throughout Nepal

By: Shuichi Noshiro, Mitsuo Suzuki, Lajmina Joshi, Hiroshi Ikeda, and Hideaki Ohba

Pages: 261–277

Publication Date: 28 Jul 2020

Wood anatomy of the neotropical liana lineage *Paullinia* L. (Sapindaceae)

By: Joyce G. Chery, Israel L. da Cunha Neto, Marcelo R. Pace, Pedro Acevedo-Rodríguez, Chelsea D. Specht, and Carl J. Rothfels

Pages: 278–300

Publication Date: 28 Jul 2020

Ultrastructural X-ray scattering studies of tropical and temperate hardwoods used as tonewoods

By: Mira Viljanen, Patrik Ahvenainen, Paavo Penttilä, Hanna Help, and Kirsi Svedström

Pages: 301–319

Publication Date: 28 Jul 2020

Open Access

Wood anatomy of historic French violin bows made of Pernambuco wood

By: Tahysa Mota Macedo, Cecília Gonçalves Costa, Haroldo Cavalcante de Lima, and Claudia Franca Barros

Pages: 320–332

Publication Date: 28 Jul 2020

The impact of natural and artificial weathering on the anatomy of selected tropical hardwoods

By: Miroslava Mamořová and Ladislav Reinprecht

Pages: 333–355

Publication Date: 28 Jul 2020

Open Access

Microanalytical techniques for phenotyping secondary xylem

By: Nadeeshani Karannagoda, Antanas Spokevicius, Steven Hussey, and Gerd Bossinger

Pages: 356–389

Publication Date: 28 Jul 2020

*Lloyd Donaldson, New Zealand
Marcelo Pace, Mexico*