

Edited by Yafang Yin ([yafang@caf.ac.cn](mailto:yafang@caf.ac.cn)) and Pieter Baas

## Call for IW Bailey Award 2017 nominations

IAWA Members are encouraged to nominate manuscripts for the prestigious IW Bailey award, written by themselves or by their students, and submitted to or published in the IAWA Journal in 2017. The award, amounting to 1000 € and sponsored by Brill Publishers is for the best manuscript submitted by an early career researcher, who has completed her/his PhD in 2011 or later. Please send your nominations to [Pieter.Baas@naturalis.nl](mailto:Pieter.Baas@naturalis.nl). Deadline for submission is 15 September 2017. In 2016 two awards were presented: one to Dr. Carla Harper for her paper on *Fungal decay in Permian Glossopteridalean stem and root wood from Antarctica* in IAWA J. 38: 29-48, and one to Dr. Shan Li for her paper on *Intervessel pit membrane thickness as a key determinant of embolism resistance in angiosperm xylem* in IAWA J. 37: 152-171.

## IAWA-WRAITH participated in GTTN II meeting in Germany

The GTTN [Global Timber Tracking Network] phase II kick-off meeting was held in Bonn on 15-16 February, hosted at the premises of the German Federal Ministry of Food and Agriculture. In total 32 people participated from 21 organizations, from 12 countries. 11 participants represented the supply side of timber tracking services, and 10 participants represented the actual and potential customer base for such services. IAWA and IAWA-WRAITH (wood anatomy) was represented by Dr. Peter Gasson and Dr. Gerald Koch.

The first part of the meeting started with a review of GTTN phase I activities, followed by presentations on the progress with the development of the available wood identification methodologies, and presentations on the actual and potential application in real-life business and law enforcement. The second part of the meeting introduced GTTN phase II objectives, activities, modes of interaction and organisational setup. Breakout discussions focused on the key GTTN activities: standardisation of methods, development of an expert and service portfolio, development of a reference database and promotion of timber tracking tools.

GTNN is now also identifying experts interested in cooperation in phase II. Through the 'GTNN Expert Identification Survey' you can help shape the GTNN working groups in terms of working group membership and thematic. The survey can be accessed via: <https://www.surveymonkey.com/r/GTTN-2>.

Jo Van Brusselen and Gerald Koch, Germany

## **Wood identification workshop 2017 in Seattle, Washington**

A workshop on the Development and Scaling of Innovative Technologies for Wood Identification was held from February 28 to March 1, 2017, in the University of Washington, Seattle, U.S.A. This meeting was co-organized by the USDA Forest Service-International Programs (USFS-IP), World Resources Institute (WRI) and World Wildlife Fund (WWF). The topic of this workshop was developing methods to identify the species and origin of timber and wood-based products for combating illegal logging.

Over 70 participants from more than 30 academic, governmental and enforcement sector entities met in the workshop, discussed current challenges in wood identification, and set up collaborations to improve technologies on wood identification in fighting against illegal logging. Different methods on identifying species and origin of timber were evaluated and promoted to enforcement officials as well as the private sector in the workshop. On behalf of IAWA and IAWA-WRAITH, Prof. Yafang Yin was invited to provide a presentation regarding methods for wood identification: wood anatomy, DNA barcodes and chemistry.

Shan Li, Beijing

## **IAWA New website is being built in Beijing, China**

Multiple attempts to transfer the IAWA domain name (iawa-website.org) from the Naturalis Biodiversity Centre, Netherlands to the Chinese Academy of Forestry, China failed. In order to manage the IAWA website, a new IAWA domain name (iawa-website1.org) has been established and a new IAWA website is being built at CAF, Beijing, China. During the transition period information on the IAWA website will not be updated. Please refer to our regular Newsletter for the latest IAWA Association affairs and Wood Anatomy news.

Juan Guo, Beijing

## **InsideWood asks for your help**

As of April 20, 2017, InsideWood (IW, <http://insidewood.lib.ncsu.edu>) has 9,050 descriptions in IAWA hardwood codes and 46,796 images. Although IW has a wide coverage, there are thousands more woody species needing descriptions and illustrations. IW asks your help with expanding and improving its content. If you have pdfs of publications with descriptions of fossil or present-day woods that aren't in IW or that have details that aren't yet included, please send them to Prof. Elisabeth Wheeler (elisabeth\_wheeler@ncsu.edu), so that information can be added to the IW database. If you use IW and have noticed errors, please let her know so she can correct those errors. Also, if you have photographs of vouchered wood samples that

you would be willing to share that would be deeply appreciated. Images of species that have descriptions in IW but no or few images are especially welcome. Of course, any images contributed will have the name of the contributor and institution associated with them.

### **Digitalization of IAWA Bulletins (1957-1979) is completed**

Dr. Tomo Fujii, Fellow of the Forestry and Forest Products Research Institute (FFPRI) in Tsukuba, Japan, has completed the digitization of old IAWA Bulletins issued from 1957-1979. These IAWA Bulletins contain some important “classical” papers, and will be posted on the new IAWA website soon.

### **Multilingual Glossary of Terms Used in Wood Anatomy (1964) is**

#### **available on the web**

Prof. Yuzou Sano of the Hokkaido University and Dr. Ryogo Nakada of FFPRI, Japan made a pdf file of IAWA glossary in Japanese, which is available at

[http://www.jwrs.org/kenkyu/wa\\_wp/glossary/glossary.html](http://www.jwrs.org/kenkyu/wa_wp/glossary/glossary.html) together with the other glossaries for wood anatomy published by the Japan Wood Research Society.

For the English version, please refer to

[http://www.jwrs.org/kenkyu/wa\\_wp/glossary/IAWA\\_glossary.pdf](http://www.jwrs.org/kenkyu/wa_wp/glossary/IAWA_glossary.pdf). IAWA will post this scan-pdf on the IAWA new website or to provide a link later.

Some years ago, Guillermo Angeles, Instituto de Ecologia, Veracruz, Mexico, prepared a pdf of the Glossary's index, with the English terms in alphabetical order, along with the equivalent terms in French, German, Italian, Portuguese, Spanish, and Serbo-Croatian, the pdf of the index is available at <http://insidewood.lib.ncsu.edu/links#general>.

### **IAWA Journal content alerts**

In order to receive notifications of new issues, IAWA members are advised to click on “subscribe to ToC alert” on the IAWA Journal home page in the column under “Sign in”. Once subscribed, you will automatically receive electronic alerts of new IAWA Journal Content, also of advance publications that will be not yet available in hard copy for some time.

All IAWA Members are advised to add the email address [Brillonline@brill.com](mailto:Brillonline@brill.com) to their list of safe e-mail addresses to make sure that they always will receive a notification of activating their member subscription.

### **Elisabeth Robert is a new Associate Editor of the IAWA Journal**

We welcome Elisabeth Robert as a new associate editor of the IAWA Journal. Elisabeth's expertise is in functional and ecological tree biology and wood anatomy. She currently holds a position at the Centre for Ecological and Forestry Applications (CREAF), Barcelona, Spain (e.robert@creaf.uab.cat).

## **Obituary**

### **Yance Ikwartus Mandang (1943-2017)**



The legendary Indonesian Wood Anatomist, Yance Ikwartus Mandang, has passed away on 24 February 2017 (at the age of 74) after undergoing colon cancer surgery. He worked for the Forest Product Research and Development Center in Bogor, Java, from 1977 as a curator of the Xylarium Bogoriense until he retired in 2008. In 1985 he joined an on-the-job training in computerized wood identification systems at the Forest Product Laboratory, USDA, Madison, USA, and later applied his experience to build a wood identification system for South-East Asian timbers.

He was one of the authors of the 2nd and the 3rd Indonesian Wood Atlas, and helped in the translation of the IAWA Hardwood List into Bahasa Indonesia. During his career, he explored the anatomical properties of major and minor timber species from many regions in Indonesia, and introduced the term of 'the least known wood species' in 2007. He regenerated research on fossil woods in Indonesia in 1996, when accidentally he found many petrified woods being sold in an area in West Java. He also published research on anatomical properties of medicinal wood and studied alternative wood species suitable for making pencils. His major contribution in digitalising the Xylarium database and constructing a computerised wood identification system for South East Asian timbers will help future generations of researchers, students and customs officers.

Until the end of his life, he assisted wood researchers in Xylarium Bogoriense to evaluate all commercial timbers from Indonesia. In hospital, he was very happy when

the final draft for publication was shown to him, and now 'The Classification of Indonesian Commercial Timbers' book is in press.

Listya Mustika Dewi and Ratih Damayanti, Indonesia

## **Future meetings**

### **The forthcoming IUFRO All Division 5 conference in Vancouver,**

#### **12-16 June**

The program of the IAWA-IUFRO Bark Symposium at the IUFRO conference in Vancouver on *Function Driven Variability in Wood and Bark* on 15 June is nearing completion. It includes a paper by Dr. Marcelo Pace et al. on the potential uses of the IAWA List of Microscopic Bark Features, published recently. Among the many other sessions IAWA Members may be especially interested in the session of the Wood Culture Working group convened by Profs Howard Rosen and Yang Ping on 12 June on "Wood and Forest Culture: a Path to a Greener Future". The sessions will have 6-8 presentations. Please check the IUFRO Conference website for further details.

### **Agenda of XIX IBC 2017 in Shenzhen, China**

The XIX International Botanical Congress (XIX IBC) will be held at Shenzhen, China on 23- 29 July, 2017 by Botanical Society of China and Shenzhen Government, at the Shenzhen Convention & Exhibition Center; parts of the symposia will be held at the Sheraton Shenzhen Futian Hotel. IAWA proposed a symposium co-organized by Dr. Frederic Lens and Prof. Biao Pan on a wide array of modern wood research, which will be T4-39 part on 16:00-18:00, July 28, 2017(Friday). The Social Hour of IAWA will be arranged on the evening of July 27, 2017 (Tuesday). IAWA-China Group will be co-organizer for this event. Detailed information will be announced after fixing the place and time. Check the website: <http://www.ibc2017.cn/Symposia/>.

Shengcheng Zhai, Nanjing

### **EuroDendro Conference in Tartu, Estonia**

The EuroDendro conference will be held in Tartu, Estonia on 6–10 September 2017, organized by the University of Tartu and the Estonian University of Life Sciences. It is a regular international conference on dendrochronology and tree-ring studies. Topics of the sessions cover dendroarchaeology, dendroclimatology, dendroecology, forest health, wood anatomy and technical advances in dendrochronology. The deadline for registration and abstract submission is June 30th and April 30th, 2017, respectively. Check the website for detailed information <http://eurodendro2017.ut.ee/avalet>.

Shan Li, Beijing

## **International summer school in Naples, Italy: from xylogenesis to**

### **dendroecology**

An International summer school from xylogenesis to dendroecology: dendrochronology, quantitative wood anatomy and stable isotopes will be held in Naples, Italy on 25-29 September 2017, organized by Prof. Veronica De Micco, the University of Naples Federico II - I. This summer school will provide knowledge and tools to study and interpret environmental “signals stored” in wood, based on a multidisciplinary approach: from xylogenesis to quantitative wood anatomy, tree-ring measurements, and tree-ring stable isotopes. It will show how understanding the dynamics of wood formation in response to environmental factors is pivotal to forecasting forest response to ongoing climate changes. The course will include theory, fieldwork, and hands-on laboratory sessions. Students will be involved in all aspects of sample preparation and analysis as well as in data interpretation. Please send expression of interest or inquiries to [giovanna.battipaglia@unicampania.it](mailto:giovanna.battipaglia@unicampania.it) or [demicco@unina.it](mailto:demicco@unina.it) to get more information.

### **IX PRWAC in Bali, Indonesia**

The 9<sup>th</sup> Pacific Regional Wood Anatomy Conference will be held by IAWA from 26-29 September in Kuta, Bali of Indonesia, jointly with IAWS and IUFRO Division 5. The deadline for paper or abstract submission is April 30, 2017 and notification of acceptance for oral or poster will be available after June 1, 2017. Submit your paper or abstract attachment to the Conference Office: [prwac@ugm.ac.id](mailto:prwac@ugm.ac.id). Check the website for detailed information <http://woodconference.fkt.ugm.ac.id/9th-prwac/>.

### **The third xylem international meeting in Bordeaux, France 2017**

The third xylem international meeting is going to be held in Bordeaux, France on September 27<sup>th</sup> – September 29<sup>th</sup>, 2017. Keynote lectures mainly focus on leaf hydraulics, iso/anisohydric concepts as well as *Vitis* hydraulics. Other sections include topics on plant hydraulics, xylem anatomy and plant physiology. The deadline for registration and abstract submission is May 31<sup>st</sup>. Check the website for detailed information <http://jplanthydro.org/announcement/view/8>.

Shan Li, Beijing

### **4th IAWA-China Group annual meeting in Zhang-Jia-Gang, China**

The fourth IAWA China Group Annual Meeting will be held at Zhang-Jia-Gang city, China, 25 and 26 November, 2017 by the Entry-Exit Inspection and Quarantine Bureau of Zhang-Jia-Gang. The theme of this meeting will be ‘Innovating the research on wood anatomy and promoting sustainable development and utilization of forest

resources'. Topics will be addressed as follows: development of wood anatomy, identification of endangered species and new species, multiple techniques for wood identification, protection of archaeological wood, sustainable utilization of wood resources, wood formation and dendrochronology.

Shengcheng Zhai, Nanjing

## Call for Newsletter Items

Please send any news items you wish to share with the whole IAWA Membership to the editor Yafang Yin (yafang@caf.ac.cn), so that we can make it a lively and interesting quarterly periodical.

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