

# Unit 7.02.00 - Pathology Newsletter



Coordinator: Jolanda Roux

Deputy: Tod Ramsfield

[www.iufro.org](http://www.iufro.org)

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## Message from the Coordinator

Jolanda Roux

Dear friends and colleagues,



At the IUFRO congress in Seoul, Tod Ramsfield (Natural Resources Canada, Canadian Forest Service) and I were tasked with taking over the coordinating of the Pathology

Research Group of Division 7 of IUFRO for the next four years, until the next world congress in Salt Lake City, USA, in 2014. It is an honour for us and we hope we can fill the shoes of the previous coordinators, Gaston Laflamme and Paulo Caprettii, whom we would like to thank for their incredible service. Our main tasks are to liaise with the coordinators of the working parties, other research groups, the board of IUFRO, our members, and to help with the planning and organization of meetings.

The aim of IUFRO is to promote global cooperation in forest-related research and enhance the understanding of the ecological, economic and social aspects of forests and trees. It is a network of scientists and without the people and their active participation it would not function or reach its goals. I have been privileged most of my scientific career to have enthusiastic and passionate people around me, people who make things happen and that are also pushing the boundaries and going the extra mile. I would thus like to start this note with a big thank you to one such person, Tod Ramsfield, who has made the appearance of this first issue of our Research Group's newsletter a reality.

The success of our research and our jobs relies on having the most accurate and up to date information possible available to us. Without this and the networks of colleagues and friends that we build up through our careers this is virtually impossible, since by the time we read about new break-throughs and findings in journals, it is usually already old news. Being amongst the front-runners is highly dependent on having a reliable and active source of information. This process has become much easier with the internet, email and Skype, even in developing countries. The aim of this newsletter is thus to facilitate this communication process and the sharing of events in the world of Forest Health. We encourage all of you to send contributions and news for inclusion in the newsletter to either Tod or myself.

IUFRO is only as strong and effective as we make it. I encourage you all to participate and to keep the network of forest health scientists, in particular, an active and tightly knit group of people. Please do not hesitate to contact any of the working party coordinators, research group leaders or higher if you have any suggestions to improve IUFRO and our functioning, or have news to share with colleagues. Please get in touch if you have any questions or anything to share for the next newsletter (remember you can also post items at the FORPATH list server). You can contact me by e-mail: [Jolanda.roux@fabi.up.ac.za](mailto:Jolanda.roux@fabi.up.ac.za)

Yours in tree health,

Jolanda Roux

Research Group Coordinator

Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria, South Africa



## IUFRO Award to Gaston Laflamme

Gaston Laflamme, forest pathologist with Natural Resources Canada at the Laurentian Forestry Centre, and immediate past 7.02.00 research group coordinator was recently presented the IUFRO Forest Health Award for Achievement in Forest Health Research. Gaston has been active in IUFRO Division 7 for the past 15 years, taking on the roles of Deputy Coordinator of IUFRO Working Party 7.02.02 in 1996, Coordinator of 7.02.02 from 1998–2007, Deputy Coordinator of 7.02.01 from 1997–2003 and Coordinator of the same Unit from 2003–2005, and Coordinator of Research Group 7.02.00 from 2006–2010. Gaston's

research has significantly furthered our understanding of Scleroderris canker and other forest pathology issues in Québec.

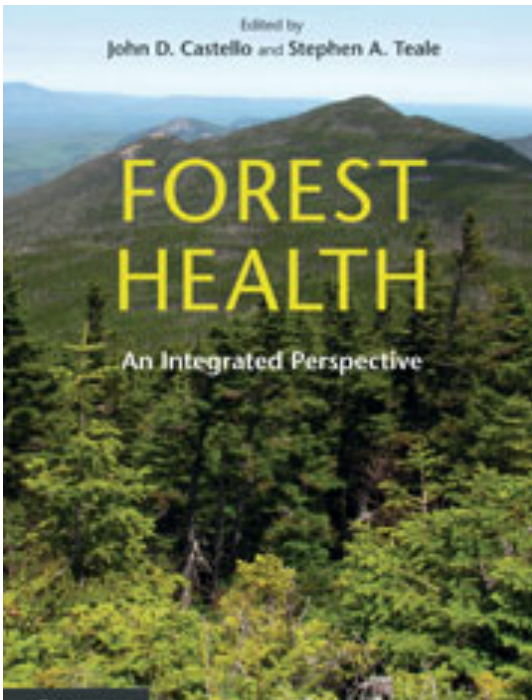
The award was to be presented to Gaston at the IUFRO World Congress in Seoul, Korea, in August of 2010; however, travel restrictions intervened and Gaston was unable to be present in Korea to receive the award. The award later found its way to Gaston via the postal system. Luckily, Gaston was able to attend the recent 7.02.02 working party meeting in Spain, where IUFRO Vice-President Mike Wingfield rectified the situation by recognizing Gaston's contributions with a presentation during the last stop of the field tour. Although it is unfortunate that Gaston was unable to receive the award in the formal setting of the World Congress, it seems entirely appropriate that he was recognized in the field, where every forest pathologist feels most at home. Congratulations and thank you Gaston.

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## New Forest Health Textbook

### “Forest Health: An Integrated Perspective”

Edited by **John D. Castello** and **Stephen A. Teale**



Forest Health: An Integrated Perspective is the first book to define an ecologically rational, conceptual framework that unifies and integrates the many sub-disciplines that comprise the science of forest health and protection. This new global approach applies to boreal, temperate, tropical, natural, managed, even-aged, uneven-aged and urban forests, as well as plantations. Readers of the text can use real datasets to assess the sustainability of four forests around the world. Datasets for the case studies are at [www.cambridge.org/9780521766692](http://www.cambridge.org/9780521766692), and the text provides stepwise instructions for performing the calculations in Microsoft Excel. Readers can follow along as the editors perform the same calculations and interpret the results. Elevating forest health from a fuzzy concept to an ecologically sound paradigm, this is essential reading for undergraduate and graduate students and professionals interested in forest health, protection, entomology, pathology and ecology.<sup>1</sup>

Text available from Cambridge University Press: [www.cambridge.org/US/9780521747417](http://www.cambridge.org/US/9780521747417)

<sup>1</sup>Description obtained from Cambridge University Press website.

## **Meeting of working party 7.02.02 “Global change and forest diseases: new threats, new strategies” at Montesclaros Monastery, Spain**

By: Julio J. Diez, Local Organizer and WG Deputy

The meeting “Global change and forest diseases: new threats, new strategies”, the biannual meeting of the IUFRO workshop group 7.02.02 (*Foliage, shoot and stem diseases of forest trees*) has taken place in Cantabria (Spain) from 23-28 May 2011. The meeting had 73 participants from 18 different countries, and a total of 71 communications were presented. Furthermore a round table regarding the title of the workshop was included in the program. The workshop gave the chance to discuss different aspects related to global change and forest pathology (mainly concerning to globalization, climate change, and forest policies). The congress took place at the Monastery of Nuestra Señora de Montesclaros, built in a seventeenth-century highland Baroque style around a rock church, conserving an eight-century altarpiece. This peaceful place, surrounded by temperate forest close to the Cantabrian Mountains, offered the perfect atmosphere to perform the meeting, and a unique opportunity to enjoy such a spiritual place.

The workshop provided an opportunity for the presentation, exchange and dissemination of information and experiences related to forest pathology (new disease reports, fungal phylogeny, pathogenicity assays, control strategies...) as well as presenting relevant methods and techniques. One of the aims of the the meeting was to attract forest pathology researchers from a broad range of academic disciplines. Currently, the group is working on the *Declaration of Montesclaros* were conclusions and recommendations concerning Global Change and forest pathologies will be drawn up.



Delegates that attended “Global change and forest diseases: new threats, new strategies” enjoying the Cantabrian Mountains, near the Montesclaros Monastery, Spain



## Upcoming meetings

Unit 7.02.01: 13<sup>th</sup> IUFRO conference on "Root and Butt Rot of Forest Trees". Location: Firenze - S. Martino Di Castrozza, Trento, Italy. Dates: 04/09/2011 to 11/09/2011.

Website: <http://nature.berkeley.edu/gabelotto/english/iufro13.php>

WIFDWC 2011: Western International Forest Disease Work Conference. Location: Leavenworth, Washington, USA. Dates: 10/10/2011 to 14/10/2011.

Website: <http://www.fs.fed.us/foresthealth/technology/wif/>

Unit 7.02.00 and 7.03.00: IUFRO Forest Entomology - Forest Pathology Joint Meeting. Location: Colonia Del Sacramento, Uruguay. Dates: 08/11/2011 to 11/11/2011.

Website: <http://www.iufrouuguay2011.org/>

Unit 2.08.03: Joining Silviculture and Genetic Strategies to Minimize Eucalyptus Environmental Stress: From Research to Practice. Location: Porto Seguro, Bahia State, Brazil. Dates: 14/11/2011 to 18/11/2011.

Website: <http://www.euciufro2011.com/>

First IUFRO-FORNESSA Regional Congress: Forest Science Impacting on Livelihoods, Environment and Development in Africa. Location: Nairobi, Kenya. Dates: 25/6/2012 to 30/6/2012.

Website: <http://fornis.net/content/first-iufro-fornessa-regional-congress>

Unit 7.02.09: 6<sup>th</sup> Meeting of the IUFRO Working Party 7-02-09 Phytophthora in Forests and Natural Ecosystems. Location: Cordoba, Spain. Dates 9/9/2012 to 14/9/2012.

Website: [http://iufrophytophthora2012.org/downloads/1st\\_Announcement\\_IUFRO\\_2012.pdf](http://iufrophytophthora2012.org/downloads/1st_Announcement_IUFRO_2012.pdf)

10<sup>th</sup> International Congress of Plant Pathology (ICPP): "Bio-security, Food Safety and Plant Pathology: The Role of Plant Pathology in a Globalized Economy". Location: Beijing, China. Dates: 25/08/2013 to 31/08/2013.

Website: <http://www.icppbj2013.org/indax.asp>

## Proceedings: IUFRO 7.02.09 Phytophthora diseases on forest trees

Proceedings documents provide an important historical record of past meetings. The proceedings of the 5<sup>th</sup> meeting of IUFRO unit 7.020.9, held in Rotorua, New Zealand from March 7-12, 2010, are being released by the New Zealand Journal of Forestry Science as individual papers following the review process. The papers can be accessed through this link: <http://www.scionresearch.com/general/science-publications/science-publications/nzjfs/iufro-working-party-S07-02-09,-phytophthora-diseases-in-forests-and-natural-ecosystems-supplement-to-volume-41>. If you wish to be notified when new papers are added to the website, it is possible to sign up for the New Zealand Journal of Forestry Science alert service here: <http://www.scionresearch.com/general/science-publications/science-publications/nzjfs/sign-up-here-for-journal-alerts>. As not all presentations from the meeting have been submitted for publication, abstracts from the meeting are available here: [http://www.scionresearch.com/data/assets/pdf\\_file/0014/33341/Abstracts\\_Phyto2010.pdf](http://www.scionresearch.com/data/assets/pdf_file/0014/33341/Abstracts_Phyto2010.pdf)

Proceedings have been produced for all meetings of this unit and the IUFRO website contains links to the documents that are available electronically and citations for the print versions. Past proceedings can be found here: <http://www.iufro.org/science/divisions/division-7/70000/70200/70209/>

## IUFRO Forest Pathology Units

| Unit   | Coordinator       | Deputies   |
|--|-------------------|--|
| 7.02.01 - Root and butt rots                                 | Matteo Garbelotto | Gregory Filip  |
| 7.02.02 - Foliage, shoot and stem diseases                   | Antti Uotila      | Julio Javier Diez Castro<br>Hatice Tugba Dogmus Lehtijarvi<br>Glen R. Stanoz |
| 7.02.03 - Vascular wilt diseases                             | Krystyna Przybyl  | C. Mohanan   |
| 7.02.04 - Phytoplasma and virus diseases of forest trees     | Carmen Büttner    |  |
| 7.02.05 - Rusts of forest trees                              | Richard Hamelin   | Pascal Frey<br>Salvatore Moricca   |
| 7.02.06 - Disease/environment interactions in forest decline | Thomas Cech       | Dusan Jurc   |
| 7.02.07 - Diseases and insects of tropical forest trees      | Sri Rahayu        | Didier Begoude<br>Pal Bosu   |
| 7.02.09 - Phytophthora diseases on forest trees              | Everett M. Hansen | Clive M. Brasier<br>Giles Hardy  |
| 7.02.10 - Pine wilt disease                                  | Thomas Schröder   | Christer Magnusson<br>Sang-Chul Shin   |
| 7.02.11 - Parasitic flowering plants in forests              | Simon F. Shamoun  | Brian W. Geils<br>J. Renata Ochocka<br>Nick Reid<br>Marcelo Luis Wagner      |

### FORPATH list server

The FORPATH list server was initiated by Dale Berghdal in the early 1990s and is now hosted by IUFRO. FORPATH links the international forest pathology community by announcing meetings, jobs, graduate student positions and discussing forest pathology issues. To subscribe follow this link: <http://www.iufro.org/science/iufro-mailing-lists/list-management/rg-702-forpath>

### Newsletter contributions

Newsletter contributions are welcome. If you would like to contribute to the newsletter, please contact Tod Ramsfield or Jolanda Roux at: [Tod.Ramsfield@NRCan-RNCan.gc.ca](mailto:Tod.Ramsfield@NRCan-RNCan.gc.ca) or [Jolanda.Roux@fabi.up.ac.za](mailto:Jolanda.Roux@fabi.up.ac.za)