



DIVISION 7 - FOREST HEALTH

IUFRO Division 7 Report – October 2018 – September 2019

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Contents

Improving gender balance and geographic representation ..... 1
News and activities in IUFRO Division 7 in the past 12 months ..... 1
Publications produced with input of Division 7 ..... 5
List of Activities and Meetings of Division 7 units since October 2018..... 5
Upcoming meetings and conferences of Division 7 units ..... 6

Improving gender balance and geographic representation

All office holders of Research Groups and Working Parties are encouraged to improve the representation of women and members from Africa, Asia and Latin America in Coordinator and Deputy roles. One way to do this is to appoint more female officeholders and/or officeholders from those regions as Deputies (up to three deputies are allowed per each Coordinator).

News and activities in IUFRO Division 7 in the past 12 months

Activities of RG 7.01 'Impacts of air pollution and climate change' and its move to Division 8

Research Group 7.01 organised a meeting on 'Harmonized Growth, Cleaner Environment and Sustainable Forests' at the Guangxi Forestry Research Institute, Nanning, China, in May 2019. In addition, RG 7.01 co-organised a session at the General Assembly of the European Geosciences Union (EGU) 2019 in April 2019 on 'Biomass in future energy and resource systems: impact on land use, climate and environmental services' and participated in the International Conference on "Adaptive Management for Forested Landscapes in transformation" organized by IUFRO RG 8.00 in Posadas, Argentina, in October 2018. An earlier highlight was the 'International Conference on Ozone and Plant Ecosystems' of RG 7.01 in May 2018 in Florence, Italy.



Visit at the ozone FACE facility in Florence, Italy, during the 'International conference on Ozone and Plant Ecosystems', 21-25 May 2018, of RG 7.01, WP 7.01.02, WP 7.01.05.

The coordinators of Research Group 7.01 decided to join Division 8 from October 2019 onwards. We thank the research group coordinators and deputies Elena Paoletti, Andrzej Bytnerowicz, Wim De Vries, He Shang and all the coordinators and participants in the working parties in 7.01 for their valuable contributions and we wish them all the best for their future endeavours.

### Research Group 7.02 – Forest Pathology

Two working party conferences occurred between Oct. 2018 and Sept. 2019. Both of these conferences were held jointly with other IUFRO working parties and the participants enjoyed meeting and interacting with colleagues with complementary interests. The joint meeting of WPs 7.02.02 and 7.02.03 in Florence, Italy, attracted 67 attendees from 25 countries and the joint meeting of WPs 7.02.05 and 2.02.15 in Invermere, Canada, attracted 57 participants from 10 countries. Reports from both conferences can be found on the working parties' web pages. We thank Alberto Santini, Pascal Frey and Richard Sniezko and all their co-organisers for their initiative and all the effort that went into the planning organisation of these conferences.

Tod Ramsfield, Beccy Ganley and Julio Diez Casero produced a RG 7.02 newsletter in December 2018 that was circulated on the Forpath listserver and is available on the website of RG 7.02 at

<https://www.iufro.org/fileadmin/material/science/divisions/div7/70200/nl70200-181212.pdf>



Participants of the 'Phyllosphere diseases' meeting of **WP 7.02.02** 'Foliage, Shoot and Stem Diseases' and **WP 7.02.03** 'Vascular Wilt Diseases', 6-10 May 2019, in Florence, Italy. Contact: Alberto Santini



Participants of the joint meeting of working parties **7.02.05** and **2.02.15** during the conference field trip in the Purcell Mountains of British Columbia, Canada, on July 24, 2019. Photo courtesy of Richard Sniezko.

## Research Group 7.03 - Forest Entomology

After 13 years of service as Coordinator of Research Group 7.03 (Entomology), **Andrew "Sandy" Liebhold** (US Forest Service) is handing over the role to current Deputy Coordinator Maartje Klapwijk (Swedish Agricultural University). Previously, Sandy served as Co-Coordinator of working party 7.03.07 ("Population Dynamics of Forest Insects") for 10 years (1995-2005), and he also had a brief period as Coordinator of Division 7 (Forest Health) in 2010-2011. We are very grateful for your many years of service to the IUFRO forest entomology community and for your most valuable contributions to our conferences. Luckily you will continue to help with the latter, and we look forward to the meeting of WPs 7.03.07, 7.03.12 and 8.02.04 themed 'Biological Invasions in Forests: Trade, Ecology and Management' in Prague next year (15-18 September 2020) that you will be hosting.



**Maartje Klapwijk** of SLU (the Swedish University of Agricultural Sciences) has kindly agreed to take over as Coordinator from October 2019. Maartje has been a Deputy Coordinators of RG 7.03 since December 2018, and many of you will know her from IUFRO meetings she attended. Welcome aboard! Barbara Bentz (US Forest Service) and Hervé Jactel (INRA, France) will continue as deputies of RG 7.03.



### Working party conferences:

Working parties in the Entomology Research Group organised three successful conferences since October 2018. These included a joint meeting of **WP 7.03.06** 'Integrated management of forest defoliating insects' and **WP 7.03.07** 'Population dynamics of forest insects' in July 2019 in Quebec, Canada, a meeting of **WP 7.03.10** 'Methodology of forest insect and disease survey' in September 2019 in Suceava, Romania, and a meeting of **WP 7.03.04** 'Diseases and Insects in Forest Nurseries' in October 2018 in Kuşadası, Turkey. We thank the organisers for all their efforts: Deepa Pureswaran, Andrea Battisti, Miloš Knižek, Mihai-Leonard Duduman, H. Tuğba Doğmuş Lehtijarvi, and all the others who contributed.



Participants of the joint meeting of **Working Parties 7.03.06** 'Integrated management of forest defoliating insects' and **7.03.07** 'Population dynamics of forest insects' in July 2019, Quebec, Canada.



Visit of the 'T-FACE heating facility' of the Canadian Forest Service during the meeting of WPs 7.03.06 and 7.03.07 in July 2019, Quebec, Canada.



Participants of the meeting "Diseases and Insects in Forest Nurseries", October 2018, Kuşadası, Turkey.



Discussion on oak production at the Denizli Forest Nursery, Denizli, Turkey 2018



Participants of the Meeting of WP 7.03.10, 'Methodology of forest insect and disease survey' in Suceava, Romania, in Sep. 2019, during the field trip.

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## Publications produced with input of Division 7

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Working Party 'Phytophthora diseases on forest trees' is organising a special issue of the journal Forests on "**Phytophthora Infestations in Forest Ecosystems**". Guest editors: Bruno Scanu and Thomas Jung

The Working Party "Social dimensions of forest health" is publishing a special issue of the journal Forests entitled "**Understanding Forest Health under Increasing Climate and Trade Challenges: Social System Considerations**". Guest editors: Eva Carina Helena Keskitalo, Mariella Marzano, Tom P. Holmes, Julie Urquhart. The special issue can be viewed at [https://www.mdpi.com/journal/forests/special\\_issues/climate\\_health](https://www.mdpi.com/journal/forests/special_issues/climate_health)

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## List of Activities and Meetings of Division 7 units since October 2018

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**21-26 October 2018, Kuşadası, Turkey: WP 7.03.04** 'Diseases and Insects in Forest Nurseries Working Party Meeting', Conference website: [www.iufroturkey2018.org](http://www.iufroturkey2018.org) Contact: Dr. H. Tuğba Doğmuş Lehtijarvi, [tugbadogmus\(at\)sdu.edu.tr](mailto:tugbadogmus@sdu.edu.tr)

**7-12 April 2019, Vienna, Austria: WP 7.01.03, WP 10.03.01 and TF30**, 'Biomass in future energy and resource systems: impact on land use, climate and environmental services - Session at the General Assembly of the European Geosciences Union (EGU) 2019'. Contact: Viktor Bruckman, [Viktor.Bruckman\(at\)oeaw.ac.at](mailto:Viktor.Bruckman@oeaw.ac.at)

**6-10 May 2019, Florence, Italy: WP 7.02.02** 'Foliage, Shoot and Stem Diseases' and **WP 7.02.03** 'Vascular Wilt Diseases' organised a conference on '**Phyllosphere diseases**'. Contact: Alberto Santini, [alberto.santini\(at\)cnr.it](mailto:alberto.santini@cnr.it)

**13-17 May 2019, Nanning, Guangxi Zhuang Autonomous Region, China: RG7.01** 'Impacts of air pollution and climate change on forest ecosystems' "Harmonized Growth, Cleaner Environment and Sustainable Forests". Guangxi Forestry Research Institute, Nanning. Contacts: Elena Paoletti, [elena.paoletti\(at\)cnr.it](mailto:elena.paoletti@cnr.it); and He Shang, [iufronanning2019\(at\)vip.163.com](mailto:iufronanning2019@vip.163.com) Conference website: <http://iufronanning2019.csp.escience.cn/dct/page/1>

**8-11 July 2019, Quebec, Canada:** Joint meeting of **WP 7.03.06** 'Integrated management of forest defoliating insects' and **WP 7.03.07** 'Population dynamics of forest insects'. Contact: Andrea Battisti, [andrea.battisti@unipd.it](mailto:andrea.battisti@unipd.it), and Deepa Pureswaran, [deepa.pureswaran@canada.ca](mailto:deepa.pureswaran@canada.ca)

**22-26 July 2019, Invermere, BC, Canada:** Joint meeting of **WP 7.02.05** 'Rusts of Forest Trees' and **WP 2.02.15** 'Genetics and Breeding of 5-needle pines'. Contact Pascal Frey, [pascal.frey@inra.fr](mailto:pascal.frey@inra.fr), Richard Sniezko, [rsniezko@fs.fed.us](mailto:rsniezko@fs.fed.us)

**16-20 September 2019, Suceava, Romania:** **WP 7.03.10** 'Methodology of forest insect and disease survey' Conference theme: 'Recent Changes in Forest Insects and Pathogens Significance' contact: Miloš Knížek [knizek@vulhm.cz](mailto:knizek@vulhm.cz), Mihai-Leonard Duduman, [mduduman@usv.ro](mailto:mduduman@usv.ro)

## Upcoming meetings and conferences of Division 7 units

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**29 September – 5 October, 2019, Curitiba, Brazil: XXV IUFRO World Congress.** Many session proposals have been submitted by Division 7 participants which will result in excellent representation of forest health content at the World Congress. Congress website: [www.iufro2019.com](http://www.iufro2019.com)

**17-25 October 2019, La Maddalena, Sardinia, Italy: WP 7.02.09** - 9th Meeting of the IUFRO Working Party 7.02.09: 'Phytophthora in Forests and Natural Ecosystems'. Contact: Giles Hardy, [G.Hardy@murdoch.edu.au](mailto:G.Hardy@murdoch.edu.au) Conference website: <http://www.iufrosardinia2019.org/>

**6-8 November 2019, Pretoria, South Africa: WP 7.03.13** - Meeting of the Working Party on 'Biological control of forest insects and pathogens'. Contact: Brett Hurley, [brett.hurley@fabi.up.ac.za](mailto:brett.hurley@fabi.up.ac.za) <https://www.fabinet.up.ac.za/index.php/event/iufro/>

**9-13 March 2020, Orléans, France: WP 7.02.10** – 'International IUFRO Symposium on Pine Wilt Disease'. Contact: Christelle Robinet and colleagues, email [symposium-pwd2020@inra.fr](mailto:symposium-pwd2020@inra.fr) Details: <https://symposium.inra.fr/pwd2020/>

**15-18 September 2020, Prague, Czech Republic: WPs 7.03.07, 7.03.12, 8.02.04** 'Biological Invasions in Forests: Trade, Ecology and Management'. Contacts: Andrew Liebhold, [aliebhold@gmail.com](mailto:aliebhold@gmail.com), and Rene Eschen, [R.Eschen@cabi.org](mailto:R.Eschen@cabi.org), [www.iufro.org/fileadmin/material/science/divisions/div7/70307/prague20-early-alert.doc](http://www.iufro.org/fileadmin/material/science/divisions/div7/70307/prague20-early-alert.doc)

**21-25 September 2020, Pontevedra, Galicia, Spain: WPs 7.03.11, 2.02.15, 2.02.20, 7.02.05, 7.02.09.** 7th IUFRO International Workshop on the Genetics of Tree-Parasite Interactions in Forestry - Understanding Forest Tree-Antagonistic Interactions in a Changing World. Contacts: Luis Sampedro, [lsampedro@mbg.csic.es](mailto:lsampedro@mbg.csic.es), Rafael Zas, [rzas@mbg.csic.es](mailto:rzas@mbg.csic.es). [www.iufro.org/fileadmin/material/science/divisions/div2/20215/pontevedra20-1st-announcement.pdf](http://www.iufro.org/fileadmin/material/science/divisions/div2/20215/pontevedra20-1st-announcement.pdf)

**25-27 March 2020, Lund, Sweden: RG 7.03** (Entomology) and **RG 1.09** (Ecology and silviculture of mixed forests) conference on 'Mixed species forests risks, resilience and management'. Contacts: Magnus Löf, [magnus.lof@slu.se](mailto:magnus.lof@slu.se), and Hervé Jactel, [herve.jactel@inra.fr](mailto:herve.jactel@inra.fr)

**2021 (date to be confirmed), Western Australia: WP 7.03.04** 'Diseases and Insects in Forest Nurseries Working Party Meeting', Contact: Audrius Menkis, [audrius.menkis@slu.se](mailto:audrius.menkis@slu.se)

Please let us know if we have missed any upcoming conferences or if there are any other important news by sending an email to [eckehard.brockerhoff@wsl.ch](mailto:eckehard.brockerhoff@wsl.ch)