



International Union of Forest Research Organizations



Newsletter: IUFRO Research Group 7.03.00, “Entomology”

Coordinator: Andrew Liebhold

Deputies: Barbara Bentz, Hervé Jactel

December 2014



Upcoming IUFRO Entomology Meetings

7–12 June 2015, Uppsala, Sweden – Joint meeting of 7.03.04 “Diseases and insects in forest nurseries” and 7.02.02 “Foliage, shoot and stem diseases”.

http://www.iufro.org/download/file/16669/2749/upsala15-1st-announcement_doc Contact
Audrius Menkis: audrius.menkis@slu.se , Jonàs Oliva: jonas.oliva@slu.se, Jan Stenlid:
jan.stenlid@slu.se

22-26 June, 2015, San Michele All'adige, Italy, WP 7.03.10, Methodology of Forest Insect and Disease Survey in Central Europe "*Fluctuation of Insect and Diseases*"

http://www.iufro.org/download/file/10899/2622/sanmichele15-1st-announcement_doc contact:
Giorgio Maresi (giorgio.maresi@fmach.it), Cristina Salvadori (cristina.salvadori@fmach.it),
Erica Candioli, (erica.candioli@fmach.it), Miloš Knížek (knizek@vulhm.cz), Wojciech Grodzki
(W.Grodzki@ibles.waw.pl)

23-28 August, 2015, Orleans, France “*Fifth International Workshop on the Genetics of Host-Parasite Interactions in Forestry: Novel challenges and opportunities for resistance to pests and pathogens*”, 2.02.15 Breeding and Genetic Resources of Five-Needle Pines, 2.02.20 Breeding and Genetic Resources of Southern Pines, 7.03.11 Trees Resistance to Insects, 7.02.09 Phytophthora, 7.02.05 Rusts of Forest Trees.

http://www.iufro.org/download/file/16631/1192/orleans15-preliminary-call_pdf Contact: Arnaud Dowkiw, (Arnaud.dowkiw@orleans.inra.fr), Aurélien Sallé (aurelien.salle@univ-orleans.fr),
Véronique Jorge (veronique.jorge@orleans.inra.fr)

1-4 September, 2015, Bariloche, Argentina, “*A Global Perspective on the Ecology and Management of Bark and Wood Boring Insects*” joint meeting of 7.03.05 “Bark and Wood Boring Insects” and 7.03.12, “Alien invasive species and international trade”.

<https://sites.google.com/site/iufrobariloche2015> contact Juan C. Corley (elmallin@gmail.com)

28 September - 2 October, 2015, Sopot, Poland, *"Population Dynamics and Integrated Control of Forest Defoliating and Other Insects"*, 7.03.07 "Population Dynamics of Forest Insects", 7.03.06 "Integrated management of forest defoliating insects", 7.03.13, "Biological control of forest insects and pathogens" <http://forestinsects.org/sopot> contact Lidia Sukovata, (iufro.poland@gmail.com)

First Ever All Division 7 Congress

May 23-27, 2016, Istanbul, Turkey, *"Global change and forest health - climate change, biological invasions, air pollution, forest pathology, forest entomology, and their interactions"*. This will be the first ever all-Division 7 "Forest Health" meeting. It will include RG 7.03 "Forest Entomology, RG 7.02 "Forest Pathology" and 7.01 "Impacts of air pollution and climate change on forest ecosystems". We anticipate a call for proposals for sessions soon. <http://www.iufro.org/fileadmin/material/science/divisions/div7/70000/istanbul16-all-division-7-early-announcement.doc> Local organizer Yusuf Serengil (serengil@istanbul.edu.tr) also contact Eckehard Brockerhoff (eckehard.brockerhoff@scionresearch.com)

Other meetings of Interest

7-10 April 2015, 64th Entomological Society of New Zealand Conference, Orakei Bay, Auckland <http://ento.org.nz/conferences/conference-2015>

24-27 August, 2015, The XVII International Plant Protection Congress (IPPC), Berlin, Germany. <http://www.ippc2015.de> Contact ippc@conventus.de

7-11 September 2015, *XIV World Forestry Congress*, Durban, South Africa. <http://www.fao.org/forestry/wfc> Contact: WFC-XIV-Info@fao.org

8-11 November, 2015, *Joint Annual Meeting of the Entomological Society of Canada and the Entomological Society of Quebec*, Montreal, Canada.

14-18 November, 2015, Annual Meeting of the Entomological Society of America, Minneapolis, Minnesota. <http://www.entsoc.org/entomology2015>

31 May – 3 June, 2016, Washington, DC (USA) - Sixth North American Forest Insect Work Conference to be held in Washington D.C. from May. *"Toward Healthy Forests: Leadership, Vision, and Action"* Contact Scott Salom (salom@vt.edu) - Chair; Bob Rabaglia (brabaglia@fs.fed.us) and Kier Klepzig (kklepzig@fs.fed.us), Kier Klepzig - Chair; Don Duerr (dduerr@fs.fed.us), Nadir Erbilgin (erbilgin@ualberta.ca), and Dan Herms (herms.2@osu.edu)

September, 2016, Luxemburg, NEOBIOTA 2016 – 9th International Conference on Biological Invasions. <http://www.neobiota2016.org>

FORENT Connects Forest Entomologists



The **FORENT** listserv (email list) is a great networking tool for forest entomologists around the world. It is a place for announcing conferences, advertising graduate, postdoc and professional positions, recruiting collaborators, seeking specimens and a host of other uses. The listserv is open and free to all. FORENT is hosted by IUFRO. To subscribe, unsubscribe, post messages and view archives, visit <http://lists.iufro.org/mailman/listinfo/rg70300-forent> . Please encourage your colleagues to subscribe so that they don't miss important information.

IUFRO World Congress

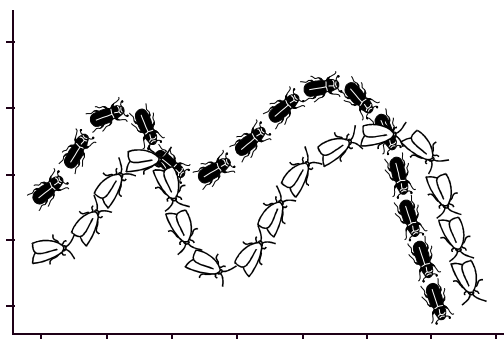
The IUFRO World Congress was held 5-11 October, 2014 in Salt Lake City, USA. The Congress brought together thousands of forestry researchers from every corner of the world to share scientific information. The Congress also coincides with the annual meeting of the Society of American Foresters and the Canadian Forestry Institute. One of the seven Congress Themes at the Congress was “Forest Health in a Changing World” under which 111 scientific sessions were organized.



Varley Award

The George Varley Award for Achievement in Forest Insect Ecology is awarded intermittently to recognize outstanding Forest Entomologists, both for their scientific accomplishments and their contributions to IUFRO. The award, from IUFRO Research Group 7.03.00

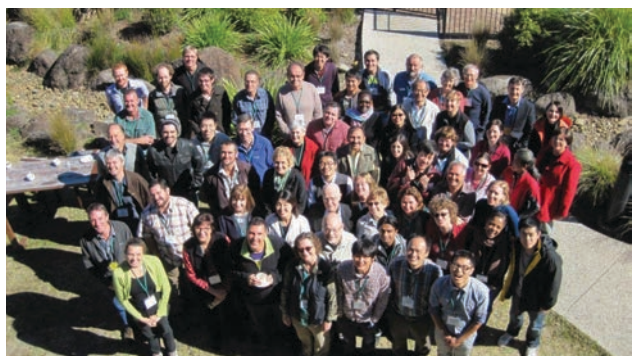
Entomology, is named after Professor George C. Varley who made important contributions to the study of insect population ecology. George Varley was also the first leader of an entomology group in IUFRO during the 1950's. Previous recipients of the award are Werner Baltensweiler (2007), William Mattson (2009), Michael McManus (2010), Les Safranyik (2011) and Alexander Isaev (2012).



Alain Roques

At the recent IUFRO World Congress in the USA, the Varley award was presented to Dr. Alain Roques (INRA, France). Roques was recognized for his outstanding research on forest insect, focusing both on seed and cone insects and more recently on alien invasive species. In addition to advancing science in these fields, Roques has been responsible for mentoring and promoting the careers of many young scientists. Overall, Roques has made outstanding contributions to the field of forest insect research.

Recent IUFRO Forest Entomology Meetings



group photo

4-8 August 2013, Queensland, Australia: **“6th International Symposium on the Biology of Gall Inducing Arthropods”** (IUFRO Working Party 7.03.02 Gall-forming insects). Organizers: Robin Adair (Robin.Adair@dpi.vic.gov.au), György Csoka, (csokagy@erti.hu) See: <http://6isbegia.org>

16-20, September 2013, Banff, Alberta, Canada, **“Altered disturbance regimes in a warming environment”** WP 7.03.05 Ecology and management of bark and wood boring insects and 7.03.07 Population dynamics of forest insects. Contact: Allan Carroll (Allan.Carroll@ubc.ca), Barbara Bentz (bbentz@fs.fed.us), or Rich Fleming (rfleming@NRCan.gc.ca). 62 participants. Meeting report at: http://www.iufro.org/download/file/10052/3569/banff13-report_doc



Group photo



Pinewood nematode control site visited during field trip

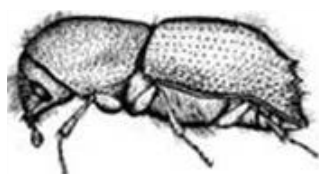
28-29 October, 2013, Qingdao, China **“Alien invasive species and international trade”** (IUFRO Working Party 7.03.12). This meeting will be held in conjunction with the 2nd International Congress on Biological Invasions, also in Qingdao, China, (23-27 October, 2013) and the semi-annual meeting of the International Forestry Quarantine Research Group (IFQRG) (23 October – 1 November) Contact Kerry Britton, (kbritton@fs.fed.us). Meeting report at: http://www.iufro.org/download/file/10220/2610/qingdao13-report_doc

9-14 April 2014, Antalya, Turkey Joint 7.03.14
4th MEDINSECT meeting, 7.03.06 "Integrated
 Management of Forest Defoliating Insects" and
 7.03.01 "Cone and seed insects" meeting.
 Mustafa AVCI, Suleyman Demirel University,
 Isparta, Turkey (mustafaavci@sdu.edu.tr) ,
 Francois Lieutier (francois.lieutier@univ-
 orleans.fr). 150 participants. Report at
[http://www.iufro.org/download/file/10628/4387/
 antalya14-report_doc](http://www.iufro.org/download/file/10628/4387/antalya14-report_doc)



Observing pine processionary moth damage during
 field trip

Who we are



The International Union of Forest Research Organizations (IUFRO) is a non-profit, non-governmental international network of forest scientists. Its objective is to promote international cooperation in forestry and forest products research. It accomplishes this via a global network for forest science cooperation. IUFRO unites more than 15,000 scientists in almost 700 Member Organizations in over 110 countries. Scientists cooperate in IUFRO on a voluntary basis. Much of that cooperation takes the form of participation in IUFRO meetings.

IUFRO is organized into eight Divisions, one of those being Division 7, "Forest Health". Within Division 7 are three Research Groups:

- 7.01.00, "Impacts of air pollution and climate change on forest ecosystems"
- 7.02.00, "Pathology"
- 7.03.00, "Entomology"

Within 7.03.00 are 11 Working Parties:

- 7.03.01 – "Cone and seed insects"
- 7.03.02 – "Gall-forming insects"
- 7.03.04 – "Diseases and insects in forest nurseries"
- 7.03.05 – "Ecology and Management of Bark and Wood Boring Insects"
- 7.03.06 – "Integrated management of forest defoliating insects"
- 7.03.07 – "Population dynamics of forest insects"
- 7.03.08 – "Forest protection in Northeast Asia"
- 7.03.10 – "Methodology of forest insect and disease survey"
- 7.03.11 – "Resistance to insects and diseases"
- 7.03.12 – "Alien invasive species and international trade"
- 7.03.13 – "Biological control of forest insects and pathogens"
- 7.03.14 – "Entomological Research in Mediterranean Forest Ecosystems"

Working parties form the 'heart' of IUFRO because it is at working party meetings where most scientists participate in the organisation. These meetings are typically small (20-100 attendees)

allowing participants to directly interact in depth. Each meeting is unique, being held in a different country, addressing a different theme, and often sponsored by multiple working parties.

How can I participate in IUFRO?

Anybody may participate in IUFRO via attending and/or presenting at IUFRO meetings. Membership is not necessary. Most scientists that are members of IUFRO attain membership via the membership of their research institute or organisation although personal membership is also available. Information about IUFRO membership is available at <http://www.iufro.org/membership>. Institutions that are members of IUFRO receive IUFRO newsletters and other information that allows scientists to keep abreast of plans for future meetings. This information is also available from the IUFRO web pages.

