



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas

NAPPO Conference Call Report

Expert Group:	Forest Quarantine Research Group	
Location:	MS Teams videoconference and face-to-face meeting	
Date:	Dec 5, 2023	
Chairperson:	Chuck Dentelbeck	
Secretary:	Meghan Noseworthy	
Participants:		
Chuck Dentelbeck (Canada industry)	Ronald Mack (USA-APHIS- PPQ) *	Brad Gething (US industry)
Paul Newman (Canada industry)	Stephanie Bloem (NAPPO)	Tyrone Jones (USA-APHIS-PPQ)
Eric Allen (Can-Retired) *	Naima Ait Oumejjout (CFIA) *	Meghan Noseworthy (Can-NRCan)
Mireille Marcotte (CFIA) *	Scott Geffros (Canada industry)	María Eugenia Guerrero (SEMARNAT)
Dionisio Alvarado (COLPOS) *	** participated on-line, all others in-person	Leigh Greenwood (TNC) <i>invited guest</i>
Dave Kretschmann (US industry)	Adnan Uzunovic (Canada industry)	Armando Equihua (COLPOS)
Summary		
Project:	Discuss forest quarantine issues, priorities, potential projects	
General comments:	<p>The secretary welcomed the group and commenced the meeting.</p> <p>The agenda was read, and the secretary asked if there were items to add. No items were added.</p>	
Item 1 (by Agenda number):	4. Develop project outline, timelines, and deliverables for the water bath project	
Consensus:	Subsections below.	
Item 2:	4.1 Review the draft Standard Operating Procedures for the operation of the water bath and incorporate the following elements – Meghan	
Consensus:	<p>The group reviewed the draft Standard Operating Procedures which included how to build the bath, how to program the ramps, how many individuals to test, how to collect post-treatment data, etc. A sub-group is to be formed to determine an acceptable sample size and provide the basis for selecting the numbers. Meghan to review sample size with TPPT.</p> <p>It was highlighted that directions on how to build the lid would be developed by building a new lid in Victoria, BC and documented the step-by-step process.</p>	
Item 3:	4.1.1 Provide cost estimates for elements of the water bath – Meghan/Ron	
Consensus:	The group reviewed the cost estimates for building the bath and purchasing lab equipment to run experiments in the SOP table in the appendix (approximately \$18,000 CAD)	
Item 4:	4.1.2 Identify and set priority on insects/fungi/nematodes for North America – Eric/Ron	
Consensus:	<p>The group discussed general insect groups to be tested on what moves in wood product trade: ambrosia beetles (fungal pathogens for east and west), buprestids, cerambycids, pathogens. The consensus was to choose representatives from each group as locations for the baths are confirmed and the availability of nearby populations of insects are identified. The same number of insects/fungi/nematodes would be tested by each lab.</p>	
Item 5:	4.1.3 Identify partners/countries and set priority on insects/fungi from outside of North America and initiate contact with possible researchers.	
Consensus:	The group indicated other countries interested in building a bath to be a part of the ring study, included: Portugal (TJ), Argentina (MN), New Zealand and Europe (EA), maybe Australia, South Africa, and the UK. Follow-up with interested parties.	
Item 6:	4.1.3 Identify timelines for starting and completing the studies in North America and provide timelines to researchers outside of North America	

Consensus:	Given the time it will take to build the bath the timeline for testing insects was set to commence in Jan 2025 to account for the need to identify material to harvest in the fall of 2024 and harvest in the winter of 2025 in the northern hemisphere. Fungal pathogens could be tested at any time	
Item 7:	4.2 Review funding requirements and commitments	
Consensus:	See above items for these details. The group was polled to see who could build a bath. Chuck indicated that Canada could build a second bath with a funding commitment from CLSAB. Tyrone and Dave indicated that a bath could be built and potentially overseen by Ron's lab. Armando and Maria Eugenia indicated that Mexico would have to wait for the funding cycle to identify funding to build a bath.	
Item 8:	5. Increase understanding of HT efficacy and use – Discuss potential for updating NAPPO Science and Technology Document No. 5: <i>Review of heat treatment of wood and wood packaging</i> . – Placeholder to stay on Agenda – Eric to help with document review	
Consensus:	The group agreed to keep this item as a running agenda item until a sub-group is formed to update S&T 05. It was recognized that the preliminary work could start before the project was submitted but that the AMC should be contacted to discuss putting this task on the group workplan.	
Item 9:	6. Evaluating the risk associated with different types of wood packaging material – Opportunities to improve ISPM 15 compliance. Set timelines for the project.	
Consensus:	EG discussed the new NAPPO project, and recognized the addition of Chuck and Dave to the group. Canada Wood noted that they would like to join the EG. The NAPPO Executive noted that this group was slated to meet in December 2023. A date was recommended and agreed upon by members present and would be communicated to the other members to ensure all could attend (Dec 15 th , 2023).	
Item 10:	7. Update on MBr alternatives project and a testing protocol	
Consensus:	Adnan described the need for a testing protocol for alternative fumigants like EDN. May be able to obtain from USDA. The EG agreed to keep the project on the table, however it will be at least a year before we are ready to proceed. EG agreed that discussion with the new MBr alternatives NAPPO EG would be the best plan.-	
Next Steps		
Responsible Person	Action	Date
Meghan	Continue populating the draft SOP for conducting Humble water bath studies, including rearing post-treatment, and circulate to the EG	Feb 2024
EG members	Continue to identify locations and researchers to build water baths to test organisms in and outside of NA	Feb 2024
All to consider	Discussion - Updating Science and Technology Document No.5	Ongoing
All to consider	MBr alternatives testing protocol (for wood products)	Dec 2024
Next Meeting		
Location:	Videoconference	
Date:	TBA	
Proposed Agenda Items		
1. Discuss project outline, timelines, and deliverables for the water bath project <ul style="list-style-type: none"> 1.1 Review draft Standard Operating Procedures for the operation of the water bath 1.2 Identify and set priority on insects/fungi/nematodes 1.3 Identify partners/countries and set priority on insects/fungi from outside of North America and initiate contact with possible researchers 1.4 Identify timelines for starting and completing the studies in North America and provide timelines to researchers outside of North America 		
1.2 Review funding requirements and commitments		
2. Increase understanding of HT efficacy and use – Discuss the potential for updating NAPPO Science and Technology Document No. 5: <i>Review of heat treatment of wood and wood packaging</i> . – Placeholder to stay on agenda – Eric to help with document review.		
3. Update on MBr alternatives project and a testing protocol		
4. Round table – all		

5. Other business – All
6. Next Meeting
7. Conference call adjourned