

Future Ring Tests

**preparation, evaluation, financing,
problems,...**

Foliage (Alfred Fürst)

Deposition/Soil Solution (Kirsti Derome)

Soil (Tamara Jakovljević)

Foliage Ringtests

19th Needle/Leaf Interlaboratory Comparison Test

- Informing the participating labs via email (March 2016)
- Registration of the participants via internet (Deadline July 2016)
- Distribution of four test samples with an invoice for the participation fee (July 2016)
- Participation fee <250€
- Data submission by the labs (October-December 2016)
- Deadline of data submission (Deadline January 2017)
- First results (January 2017)
- Re-qualification process started
- Final Report and online Qualification Report (January/February 2017)
- Re-qualification process finished (Deadline September 2017)

Increasing Bureaucracy

- I don't know how **you** had to order correct
- If you mark „Plan to participate“ on the registration page, please fill:
 - VAT Number (if needed)
 - Add your order number (if needed)
 - Submit additional documents per email (if needed) before the sample submission!
- You will get the invoice (with VAT and order number) **with** the samples

18th European Needle/Leaf Interlaboratory Comparison Test 2015/2016



Fill in your registration data

Bundesforschungszentrum für Wald (Labcode: F02)

Contact person:	Alfred Fürst	Billing data	
Institute:	Bundesforschungszentrum für Wald	Billing address 1:	Bundesforschungszentrum für Wald
Laboratory Name:	Pflanzenanalyse	Billing address 2:	Pflanzenanalyse
Street:	Seckendorff-Gudent-Weg 8	Street:	Seckendorff-Gudent-Weg 8
ZIP Code:	A-1131	ZIP Code:	A-1131
City:	Vienna	City:	Vienna
Country:	Austria	Country:	Austria
international Telephone:	+43 1 87838 1114	VAT-Number (if needed):	ATU 61289616
international Fax (optional):	+43 1 87838 1250	Additional remarks (e.g. Order Number):	
email of the contact person (field must be filled):	alfred.fuerst@bfw.gv.at	<p style="text-align: center; color: red;">Please, check and update your billing data if necessary! If a submission of a new updated invoice is needed, because of wrong billing address or a missing order or VAT-number a fee of 25€ must be paid additionally to cover the extra costs.</p>	
additional email (e.g. from the NFC, Beneficiary):	ferdinand.kristoefel@bfw.gv.at		
participation fee:	paid		
participate (**):	yes		

SAVE CHANGES / SAVE REGISTRATION

Samples and the invoice will be send always to this address!

If not, write this under additional remarks!

18th European Needle/Leaf Interlaboratory Comparison Test 2015/2016

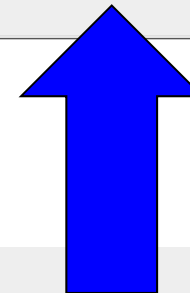


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Sample provenance 2004-2015

- **19 samples:** Austria
- **6 samples:** Germany
- **3 samples:** Finland
- **2 samples:** Croatia, Switzerland, France
- **1 sample:** Belgium, Italy, Hungary, Romania, Turkey, United Kingdom, +*Slovenia*



I need foliage ringtest samples!

Kirsti Derome

7th WRT, deposition and soil solution

Participants

- 39 laboratories from 25 countries (40/ 22 in 6th WRT)
2 new labs/ 1 new country registered too late (sent results only for requalification)
- Number of participants has stayed quite stable during ten years time of WRT's, slightly decreasing (2002, 2005, 2009, 2010, 2011, 2013, 2015)
- Difficult to know/ follow what laboratories are analysing samples for the programme, and the changes happening in the countries

Financing

- The costs of the ring test budgeted for 40 to 50 participants, max 400 € each

Covers the costs for preparing, mailing and analysing the samples in laboratory + web interface + overheads, but **not coordinator's and secretary's salary costs (about 2 months)**

- Less laboratories means bigger costs/ participant!

- Exact costs for this ring test difficult to calculate:

Some consumables saved from previous ring tests

The administrative systems in the Institute changed 2014/ 2015, e.g. working time daily vs. hourly basis

More strict following of working time in Luke than in Metla

Financial situation 7th WRT, 2014 and 2015

Income			Money used	Money used		
Participants 39			2014	2015	Total	Left
participation fee	400	Salaries	1419,65	1636,2		
		overheads (78%, 85%)	1107,32	1390,8		
		muut	5694,82	2723,8		
	37	14800	8221,79	5750,8	13972,62	827,38
	36	14400				427,38
			2014	2015		
		samples to Finland	302,52	643,83		
			319,03			
		sending sample boxes	1103,88			
			221,36			
Income 2014 ja 2015						
XII/2014 5* 400 eur		consumables	3659,53			
I/2015 21* 400 eur	2000	database		2000		
II/2015 7* 400 eur	8400	travelling	88,5	80		
III/2015 400 eur	2800		5694,82	2723,83		
V/2015	400					
VI/2015	400		Work load, h	Work load, h		
pending 1*400 eur	400		2014	2015		
	14400		45	48,5	Total, h	
					93,5	
			15 to 20 hours (2 to 3 days) lacking		111	budgeted

Organizing the ring test

- Budgeting the ring test (assessment of the costs vs. income)
- What kind of samples, where/ who's taking them?
- Information to the participants/ labs/ countries
- Assessment and purchase of the consumables (boxes, bottles, labels, membrane filters etc.)
- Planning the work in laboratory (preparing the samples, analyses, packing the boxes etc.), how much time and when is needed
- Invite tenders for deliveries of the sample boxes
- Checking the registrations in the database, reminders
- Look after the work in the lab
- Invoicing (laborious because of the administrative systems)
- Checking the results loaded, reminders
- Conducting the requalification process (takes a lot of time)
- Processing the graphs from the result tables in the database

Coming ring tests

- All mandatory parameters involved in ring test (e.g. metals)
 - Quality in the results database better
 - More work for preparing, more costs
- Connection between LQA forms and ring test reports
 - LQA forms by country/ Ring test report by lab
 - Has become easier in recent years, 2002 and 2005 difficult
 - **Important to have regular ring tests!**
- Feedback for the next ring test is valuable:
 - Type of samples
 - Samples collected by participants
 - Concentrations of parameters
 - Time table of the ring test
 - Organizer of the ring test

Remarks from the 7th WRT

- Natural samples

Samples 1, 2 and 3. Deposition from Denmark, UK and Finland

Samples 4 and 5. Soil solution from Belgium and Finland

Problems:

Low stability because of high pH

Some low concentrations (33% or more of results are < LOQ)

- Synthetic sample

SYN 6. For measuring alkalinity only

SHORTER PERIOD FOR THE WHOLE RING TEST

Now 6 months from starting filtering to the end of the requalification time

New ring test organizer needed!

Other topics/ risks to the ring test

New situation in Finland: laboratory work to be done by the reorganized laboratory in LUKE, or an external laboratory, maybe commercial.

- Better contacts to all people interested in laboratory quality work within the ICP Forests –programme
- Information to the expert panel members too, not only to the laboratories
- Information to both directions important: changes in responsible persons or labs, or totally new labs!

The idea of the ring test: now in-house and programme-tailored, accredited labs may not keep urgent, has to be payed by the project (client).

- How to keep the number of participants at least ~40



**9th ICP Forests Soil
Interlaboratory comparison**

Tamara Jakovljević

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Croatia

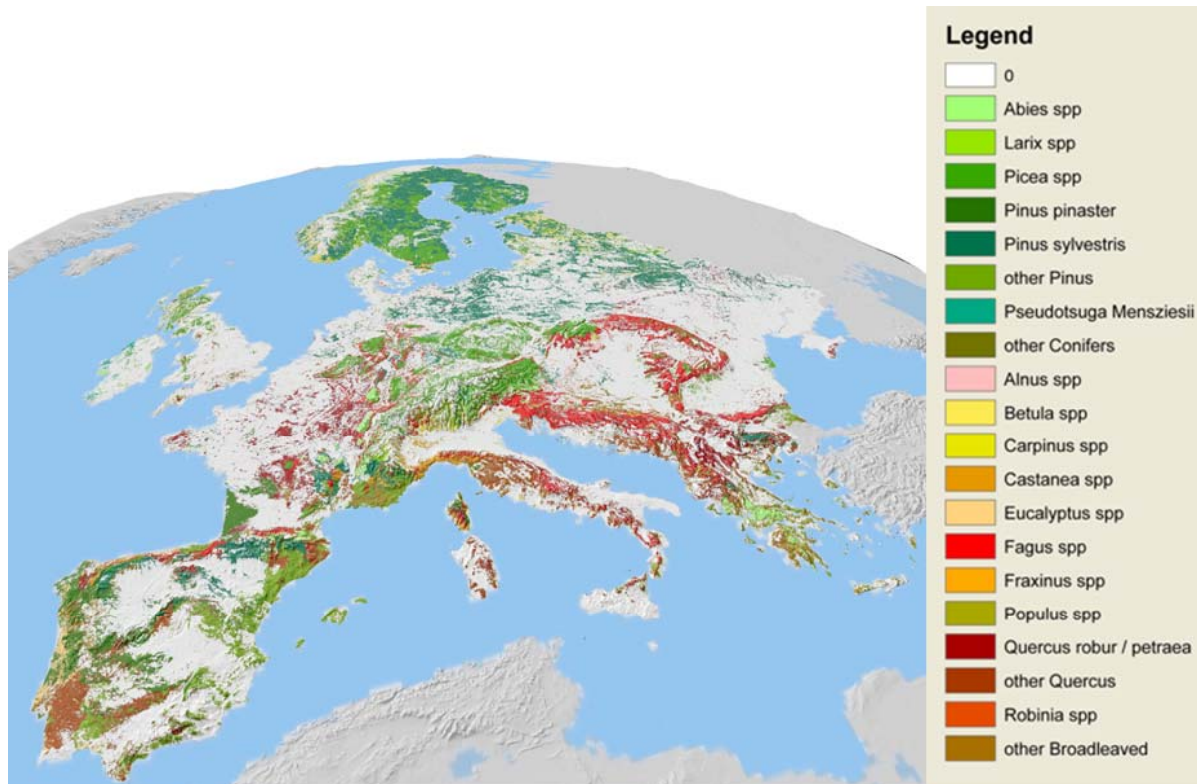
tamaraj@sumins.hr



RING TEST ORGANISATION

1 Soil samples – 1 forest floor, 4 more

Several countries across Europe would be asked to give soil sample. Forest soils vary widely across Europe and a ring test should try to include totally different samples representing as much as possible the variety of European forest soils. We would like to have a sample which is (slightly) calcareous, forest floor sample and/or a peat sample as well as samples with different textures. In total we would have five samples (e.g. three mineral and two organic).



REFERENCE MATERIAL from Croatia

1 free of charge package for ring test sample providers in 2015



PARTICIPATION FEE AND SCHEDULE

- The participation fee is ca **380 euros** (delivery expenses)
- The **invoice** will be send together with samples.
- we must receive your participation fee within **30 days**

TIME SCHEDULE

TASK	DEADLINE
Informing the participating labs by email & ICP Forests website	February 2018
Online registration of the participants	Middle March-April 2018 Deadline 1st May 2018
Distribution of test samples & invoice for registration fee	Firts week of May 2018
Payment of registration fee (within 30 days)	May - June 2018
Data submission by the labs	May - September 2018
Deadline of data submission	Fist week in October 2018
First results	October 2018
Re-qualification process starts	November 2018
Discussion of the first results on ICP Forests expert panel meeting	Spring 2019



8th ICP Forests Soil

Interlaboratory comparison

- package broken (just one lab)
 - not enough sample
 - Fee not paid
- Different address – sample, invoice



**THANK YOU FOR
YOUR
ATTENTION!**

Contact for reference material

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