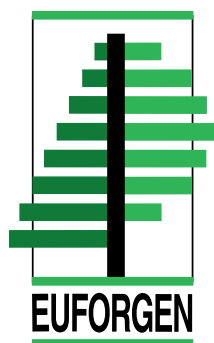




# Noble Hardwoods Network

## Summary of the sixth meeting

Coudelaria de Alter, Alter do Chão, Portugal, 9-11 June 2002



European Forest Genetic Resources Programme (EUFORGEN)

## Sixth EUFORGEN Noble Hardwoods Network meeting

### Opening

M. Rusanen, Chair of the Network, welcomed the participants from 31 countries and thanked the National Coordinator, M.C. Varela, the local organizers and the National Forest Department for the excellent organization and for their participation.

Mr A. Cruz, the Mayor of Alter do Chão, welcomed the participants to this small agricultural town. Mr C. Morais, Director of the National Forest Services, was unable to be present but sent a letter welcoming participants and underlined the importance of forest genetic resources. Mr C. Ferreira, Director of the Coudelaria de Alter hosting the meeting also sent a note welcoming participants. He wished the participants a successful meeting and a good stay in Portugal.

M. Bozzano, on behalf of the EUFORGEN Secretariat, gave a brief overview of upcoming meetings, current activities and progress in the Programme. He also updated the participants on the progress in the recruitment of the new EUFORGEN Coordinator.

The participants introduced themselves. J. Fernandez Lopez (Spain) and J. Turok (Secretariat) were unable to attend and sent their apologies.

M. Rusanen, summarized the progress made from the last meeting, highlighting targets achieved and stressed the main current tasks of the Network: the improvement of information flow, the finalization of Technical Guidelines (TG) for long term conservation strategies and the elaboration of joint project proposals.

The agenda of the meeting was adopted.

Four rapporteurs were nominated: M. Heuertz, S. M.G. de Vries, K. Russell, and M. Bozzano.

### Country reports: status and practices of gene conservation

Network members were divided in four working groups to discuss progress made in each country and a representative of each working group gave a presentation summarizing the status and progress. Updates for each country concerning conservation and use, changes in inventories, in relevant policies and legislation, research, tree improvement, public awareness and progress will be posted on the Web site: [http://www.ipgri.cgiar.org/networks/euforgen/euf\\_home.htm](http://www.ipgri.cgiar.org/networks/euforgen/euf_home.htm). Particular progress was reported in the implementation of the EU directive 1999/105/EC concerning the trade and certification of forest reproductive material. In addition, most of the countries raised the need to improve public awareness and informed about an increasing interest in the use of autochthonous reproductive material. Changes in forest ownership in several Eastern European countries could have implications in relation to valuable genetic resources. Introductory country reports from Serbia and Montenegro and Albania were presented.

M. Bozzano introduced the new information platform. Since the status of national activities on forest genetic resources in Europe is changing with increased interest, a new, user-friendly platform will be available on-line. The new EUFORGEN Web site will allow the browsing of information (particularly country reports and country updates) through a multi-criteria search. It will be easy to add to and obtain information from the Web site, which will be on-line by the end of August 2002. The importance of having standardized formats for reports and updates was stressed.

All participants will provide the Secretariat with an electronic version of their report, in the agreed format, by 30 June 2002.

### Discussion on sharing of gene conservation responsibilities: The Common Action Plans

S. M.G. de Vries introduced the proposal made by the group of Network chairpersons and initiated by B. Heinze, as a new vision for future activities of EUFORGEN. This will be discussed during the forthcoming Steering Committee meeting. Recognising the achievements of the EUFORGEN Networks, a plan for the future based on providing a more direct support for implementation of gene conservation action was proposed and discussed. Networks of gene conservation units for target species within their distribution areas would be carefully designed incorporating recent research results and implemented through 'Common Action Plans', with voluntary agreements among countries, including shared

costs and responsibilities. This initiative will provide the basis for recommending, coordinating and monitoring the practical gene conservation measures taken in the forests.

M. Rusanen is willing to prepare a Common Action Plan for Gene Conservation Network for *Acer platanoides*. The Secretariat will send a format for description of the conservation stands to all network members by 20 June 2002 to be completed with geographical coordinates and relevant information. These will be sent by 30 July 2002 to M. Rusanen. Meanwhile a distribution map will be prepared.

P. Rotach and many participants supported the idea that a complete European picture is needed on the species' distribution to enable holistic approaches and to develop action plans.

The network unanimously supported the concept of the Common Action Plans and will provide comments and remarks on the draft to the secretariat by 23 June 2002.

## Technical Guidelines (TG)

M. Bozzano presented the results of an investigation on distribution maps using different sources of data and explained the different software packages used.

After discussions, the existing format for the TG was retained. Distribution maps of all TG species will be provided by the Secretariat by 30 August 2002 (since it was agreed already in 2001, this topic should have a priority in the Secretariat agenda). To harmonise all maps, the *Atlas Flora Europaea* (AFE) format will be used where possible. The Secretariat will contact AFE for details and agreements.

Harmonization of the 'Guidelines for genetic conservation and use' section is a priority starting with minimum approaches. The emphasis should be on the local situation with practical management advice that considers abundance and population structure. A maximum of three selected references has been suggested for further reading. All participants will send their specific comments directly to the authors by 30 August 2002. Chair and V. Chair agreed that the *Fraxinus* draft species TG would be edited with regard to style and presentation by the Secretariat and sent to the other TG' authors by 15 September 2002 as an example for adjusting their TG as appropriate. All revised TG will be sent to the Secretariat by 15 October 2002.

G. Eriksson will add the section on the objective of genetic conservation into the introduction.

The Secretariat will be responsible for producing the publication by the end of 2002. The TG can be translated and adapted by Network members as appropriate.

F. Ducci offered to coordinate the elaboration of draft TG on *Juglans regia*, *Alnus cordata*, *Acer monspessulanum*, *Acer opalus*, *Acer minor* (those *Acer spp* could be presented within the same module). F. Ducci will circulate them one month before the next NH meeting. The need for development of TG for other NH species, especially those occurring in the Balkan area, was stressed.

## Research update

Seven research projects were presented and discussed. It was agreed to include a detailed report of each contribution (approximately two pages) into the published report of this meeting. Final versions should be sent to the Secretariat by 31 July 2002.

## Suggested research priorities

G. Douglas presented a brief introduction to the EC Sixth Framework Programme.

The NH network expressed the wish to develop research activities to characterize the pattern and extent of genetic diversity in all target NH species in Europe. Particular emphasis should be devoted to the mechanisms responsible for adaptation, such as resistance to biotic and abiotic stresses. Functional compatibility and specificity of different populations of forest trees to their symbionts and pathogens should be investigated. The role of hybridisation, silviculture and the transfer of reproductive material are key factors affecting genetic resources. The results should provide a basis for future monitoring and prediction of the evolution of genetic resources of these forest trees in a changing environment. Further research priorities include the study of self-incompatibility in the *Rosaceae* family, investigation of the genetic resources of *Tilia spp* and research on wild relatives of fruit trees. Such research initiatives would support the future Common Action Plans. The importance of sharing research results with countries not previously involved and projects encouraging the need for joint research efforts (i.e. common trials) was highlighted.

In order to increase the awareness of Network members on forthcoming research, information on projects and relevant websites will be sent to the Secretariat by 18 June 2002. The Secretariat will then distribute this information to all Network members by 22 June 2002.

### **Information management and public awareness**

The participants agreed to proceed with the preparation of a Photo CD, which would include characteristic images of Noble Hardwoods and their genetic resources. Main themes should include: full trees, morphological characters, landscapes, traditional uses, laboratory outputs, etc. B. De Cuyper offered to collect the images and will send instructions by 20 June 2002 to all Network members. Each country is responsible for providing at least 2 images (preferably slides) by the end of July 2002 to B. De Cuyper. The collection will be available to all members, who might use it for public awareness purposes, publications, Web pages etc. given that the author is acknowledged if it is required.

S. M.G. de Vries and T. Myking presented the status of the on-going development of the Poster on Noble Hardwood species. The revised text was adopted by the Network. It was left up to the group of four Network members (T. Myking, S. M. G. de Vries, K. Russell and J. Fennessy) to finally re-arrange the text, make a lay-out of the poster by adequately using pictures that will be sent by all the Network members to B. De Cuyper. They will also consider, in consultation with the Secretariat, whether names of species and/or names of authors should be quoted. A draft will be circulated to the Network members by the poster-group by 31 January 2003.

B. Musch proposed to present a poster (in French) on EUFORGEN at a scientific meeting with public presence in France.

To highlight EUFORGEN, it was suggested that public awareness material was made available at the DYGEN meeting to be held in Strasbourg in December 2002.

Where possible, EUFORGEN activities should be promoted through the local press. A positive example was given at the 7th *Populus nigra* meeting in Croatia in 2001.

### **Bibliography**

M. Bozzano highlighted the EUFORGEN bibliographic database on grey literature. The Network members were encouraged to continue providing references for this database. The database has been frequently used on-line from the web page. An improved access form will be circulated to Network members by 15 August 2002. It was clarified that each member should restrict contributions to only those concerning grey literature available in her/his own country.

It was noted that contact information of the author (or contributor of the reference when author not available) should be provided for all references. The matter of duplication should be taken care of before the next meeting.

### **Date and venue of next meeting**

The Noble Hardwood Network expressed the intention in holding the next meeting in autumn 2003, (according to the overall EUFORGEN agenda). F. Ducci offered to organise the meeting in Italy in collaboration with a subgroup of the ECP-GR Malus-Pyrus Network, which was appreciated by the participants.

The Secretariat will follow up and provide information to all countries in due course.

K. Russell suggested to have an extra day for restricted working groups on selected species in forthcoming NH meetings.

G. Eriksson pointed out that the group had earlier decided to have a presentation on the links between gene conservation, tree breeding and utilisation and this should be included in the agenda of the next meeting.

### **Adoption of the report**

The report was adopted and distributed to the participants.

### **Conclusions**

The local organizers were thanked for their kind efforts in preparing and organizing this meeting. It has provided the participants with an insight into the unique situation of forest gene conservation in the Mediterranean region. M. Rusanen thanked the participants for their work and declared the meeting closed.

## Sixth EUFORGEN Noble Hardwood Network Meeting

### Alter do Chão, Portugal (9 – 11 June 2002)

#### **Saturday 8 June**

Arrival of participants

#### **Sunday 9 June**

- 0900      Opening of the meeting  
 Welcome (Host country and Chair of the Network)  
 Introduction  
 Adoption of the agenda and nomination of rapporteurs
- 1030      Break
- 1100      Status and progress of gene conservation in each country  
 Discussion on the progress made – in working groups
- 1300      Lunch
- 1400      Introductory country reports
- 1630      Break
- 1700      A concept for the practical implementation of genetic conservation strategies and guidelines on Noble Hardwoods in Europe  
 Brief introduction of the concept  
 Link with the gene conservation strategies produced by the Network for different Noble Hardwoods species/ genera  
 Discussion (including conservation objectives, sampling strategies, setting of priorities, conservation incentives)
- 2000      Dinner

#### **Monday 10 June**

- 0900      Research updates  
 Overview of ongoing research projects and their relevant results  
 Discussion on research needs and priorities (including provenance research)
- 1030      Break  
 New joint project proposals  
 Sixth Framework Programme of the EU for research (development of a “network of excellence” on population and conservation genetics of European forest trees, possible linkages with the Noble Hardwoods Network)
- 1300      Lunch  
 Documentation, information and public awareness  
 EUFORGEN Database/ Information platform  
 Communication issues  
 Bibliography update
- 1630      Coffee break  
 Technical guidelines (Presentation of the first set of species modules, discussion of the outcomes, dissemination, adaptation, formulation of needs and further steps)
- 2000      Dinner

***Tuesday 11 June***

- Field trip (half day)
- 1530 Conclusions
- Adoption of the report
- Date and place of next meeting
- 2000 Farewell dinner

***Wednesday 12 June***

- Departure of participants

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