

CONFOREST



International Conference

The Question of CONversion of Coniferous FORESTs

- CONFOREST -

27 September – 02 October 2003

Freiburg im Breisgau, Germany



CONFOREST - The Question of CONversion of Coniferous FORESTs

<http://www.forst.uni-freiburg.de/Waldwachstum/Conforest/conference2003.htm>

Organisers:

RPC-CONFUREST - Regional Project Centre of the European Forest Institute

Co-organized by:

European Forest Institute, EFI Headquarters

IUFRO Units:

1.14.00: Uneven aged silviculture

1.17.02: Temperate and boreal forest restoration

4.04.09: Scenarios for transformation forest management

Local organisers:

Institute for Forest Growth (IWW), Faculty of Forest and Environmental Sciences
Albert-Ludwigs-University Freiburg

Forest Research Institute of Baden-Württemberg (FVA)

PROGRAMME

Saturday, 27 September 2003

Venue: “Gerichtslaube”, (“Rathausplatz / Turmstrasse”, located in the court of the town hall, entrance via “Turmstrasse”, cf. map enclosed, city guide: p. 18-19, no. 4)

18:00 – 19:15 Registration

19:30 – Welcome by the city of Freiburg
City representative W. Krögner
Icebreaker

Sunday, 28 September 2003

Field trip to the State Forest District Todtmoos (Black Forest)

Meeting point for departure:

08:30 “Karlsplatz” (a square close to “Leopoldring”, bus parking lot at southern end of the square, close to the Hotel “Novotel”, cf. map enclosed [and city guide: p. 18-19, between no. 43 and no. 42 or p. 1, magenta no. 4])

Envisaged return: approx. 18:00

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Monday, 29 September 2003

Venue: **Haus „Zur Lieben Hand”, „Löwenstrasse 16”** (next to the University in the city centre, cf. map enclosed [and city guide: 18-19, no. 37])

08:00 - 09:00 Registration continued

Introductory Session

09:00 - 09:30 Chairman of the RPC-CONFOREST: H. Spiecker
09:30 - 09:40 Dean of the Faculty of Forestry and Environmental Sciences:
K.-R. Volz
09:40 - 09:50 Representative of the Ministry for Nutrition and Rural Affairs Baden-
Württemberg, Head of the Department “Silviculture and Forest
Management Planning”: Ministerialrat Freiherr H. von Gilsa
09:50 - 10:10 Representative of IUFRO, Coordinator of IUFRO group 1.17.02 -
Temperate and boreal forest restoration: J. Stanturf
10:10 - 10:30 Director of the European Forest Institute (EFI):
R. Päivinen: The concept of EFI Project Centres

10:30 - 11:00 Coffee break

Review and results by the specialised RPC-CONFOREST groups

Moderator: Prof. Dr. J.P. Skovsgaard

11:00 - 11:30 **H. Hasenauer, Vienna, Austria:** Terms and definitions relevant for
conversion
11:30 - 12:00 **K. von Teuffel, Freiburg, Germany:** Present distribution of
secondary Norway spruce in Europe

12:00 - 13:30 Lunch: in the same building as conference (not included in conference fee)

Moderator: Prof. Dr. E. Klimo

13:30 - 14:00 **E. Johann, Vienna, Austria:** History of secondary spruce forests in
Europe
14:00 - 14:30 **B. Möhring, Göttingen, Germany:** Economic evaluation of
conversion projects
14:30 - 15:00 **U. Schraml, Freiburg, Germany:** Conversion of coniferous forests in
a social perspective
15:00 - 15:30 **J. Kulhavy, Brno, Czech Republic:** Ecological consequences of
conversion

15:30 - 16:00 Coffee break

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Moderator: Prof. Dr. H. Spiecker

- 16:00 - 16:30 **B. von Lüpke, Göttingen, Germany:** Silvicultural strategies for conversion
- 16:30 - 17:00 **T. Nordfjell, Hørsholm, Denmark & Umeå, Sweden:** Operational factors influencing the efficiency in conversion
- 17:00 - 17:30 **H. Sterba, Vienna, Austria:** Conclusions – Lessons learnt

19:30

Joint dinner at Forest Research Institute of Baden-Württemberg
“Wonnhaldestraße 4”, (tram no. 4 to “Günterstal”, stop “Wonnhalde”
cf. city guide: p. 96-97, map enclosed)

Tuesday, 30 September 2003

Venue:

“Herderbau”, “Tennenbacher Strasse 4”

(tram no. 5 or 6 to “Zähringen”, stop “Tennenbacher Strasse” cf. city guide: p. 96-97, map enclosed)

Parallel Sessions:

Session A - Conversion strategies and impact

Room code: ÜR 1 (first floor)

Moderator: Jaroslav Jankovic

- 08:30 - 09:00 **Key-note: W.L. Mason & J. W. Humphrey, Roslin, Scotland, UK:** Silvicultural strategies for developing old growth structures in conifer plantations with particular reference to oceanic climates
- 09:00 - 09:30 **J. Stanturf & P. Madsen, Athens, GA, USA & Vejle, Denmark:** It's not just semantics: Why clear communication matters
- 09:30 - 10:00 **N. Nadezdina, J. Gasperek, V. Nadezhdin & J. Cermak, Brno, Czech Republic:** Sap flow dynamics in terms of competition between overstorey spruce and understorey beech in southern Moravia
- 10:00 - 10:30** **Coffee break**
- 10:30 - 11:00 **T.W. Berger, Vienna, Austria:** Impact of species composition on forest soil properties and nutrient fluxes of secondary pure spruce and mixed spruce-beech stands
- 11:00 - 11:30 **W. Weis, Freising, Germany:** Impact of selective cutting and clear cutting on seepage water quality
- 11:30 - 12:00 **B.U. Schneider, O. Bens, B. Münzenberger, A. Rumpelt, R. Rumberger, & R.F. Hüttl, Cottbus & Müncheberg, Germany:** Root growth and mycorrhizal diversity in monocultural and mixed Scots pine and beech ecosystems of the German Northeastern Lowlands

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Session B - Conversion aspects: biodiversity, economics, politics

Room code: ÜR 2 (first floor)

Moderator: Arne Pommerening

- 08:30 - 09:00 **Key-note: R.D. Nyland, Syracuse, NY, USA:** The serious task of conversion – changing conifer plantations to natural stands
- 09:00 - 09:30 **K. Engel & U. Ammer, Freising, Germany:** The development of arthropods during and after conversion of pure spruce stands into mixed forests
- 09:30 - 10:00 **S. Gärtner, Freiburg, Germany:** The effects of forest conversion on ground vegetation in the Southern Black Forest
- 10:00 - 10:30 Coffee break**
- 10:30 - 11:00 **J.-A. Salamon, A. Zaitsev, A. Pflug & V. Wolters, Giessen, Germany:** Nematoda response to forest conversion
- 11:00 - 11:30 **M. Skorupski, Poznan, Poland:** Influence of conversion of pine forests on soil mites fauna (Acari, Mesostigmata)
- 11:30 - 12:00 **C. Fürst & H. Herling, Dresden & München, Germany:** Aspects of conversion out of the view of private forest enterprises – a modelling, economic and political approach
- 12:00 - 13:30 Lunch: Restaurants in the neighbourhood (see enclosed map for exact locations), no reservations made**
- 13:30 - 14:30 **Poster presentations**
- 14:30 - 16:30 **Poster exhibition continued and discussion corners at various locations in the “Herderbau”**
- 16:30 – 18:00 Guided Tour of Freiburg City**
Meeting point with the guide: inside court of the “Herderbau”

Room code: ÜR 1 (first floor)

16:30 - 18:00 Side meeting of the RPC-CONFOREST: Future perspectives

Wednesday, 01 October 2003

Venue: “Herderbau”, „Tennenbacher Strasse 4“,
(tram no. 5 or 6 to “Zähringen”, stop “Tennenbacher Strasse” cf. city
guide: p. 96-97 and map enclosed)

Parallel Sessions:

Session C – Case studies

Room code: ÜR 1 (first floor)

Moderator: Bill Mason

- 08:30 - 09:00 **Key-note: K.W. Outcalt, Athens, GA, USA:** Conversion of loblolly pine back to native longleaf in the southern USA
- 09:00 - 09:30 **J. Szwagrzyk, Krakow, Poland:** Dynamic tendencies of conifers and hardwoods in natural and managed forests of the East-Central Europe
- 09:30 - 10:00 **R. Mís & G. Raczka, Poznan & Brzeg, Poland:** Conversion of lowland forests in Poland
- 10:00 - 10:30** **Coffee break**
- 10:30 - 11:00 **C. Dai, Freiburg, Germany:** What will be the future of China’s forest plantations ?
- 11:00 - 11:30 **M. Krstic, V. Lavadinovic & V. Lazarev, Belgrade, Serbia - Montenegro:** Moesian Beech (*Fagus moesiaca* Domin, Maly/Czeczott), a significant genetic resource for the conversion of coniferous forests in Serbia
- 11:30 - 12:00 **A. Brunner & J.P. Skovsgaard, Hørsholm, Denmark:** Conversion of pure, even-aged Norway spruce plantations to mixed forests on former Atlantic heathland in Denmark

Session D – Conversion tools and indicators

Room code: ÜR 2 (first floor)

Moderator: Hubert Hasenauer

- 08:30 - 09:00 **Key-note: S. Valkonen, Vantaa, Finland:** Successful conversion strategies in the boreal forests of Northern Europe: retention, admixtures, and overstories in young stands
- 09:00 - 09:30 **V. Kint, Ghent, Belgium:** Conversion of ageing Scots pine (*Pinus sylvestris* L.) forests in Western Europe based on natural vegetation dynamics
- 09:30 - 10:00 **S. Niemtur & J. Wawrzoniak, Warsaw, Poland:** Age of spruce needles as an indicator of vitality in conversion of spruce stands in Poland
- 10:00 - 10:30** **Coffee break**

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- 10:30 - 11:00 **H. Vacik, M.J. Lexer, D. Palmetzhofer & G. Oitzinger, Vienna, Austria:** DSD – a computer based decision support tool for the evaluation of silvicultural treatment alternatives for secondary Scots pine (*Pinus sylvestris*) forests
- 11:00 - 11:30 **P. Strzelinski, Poznan, Poland:** The methodical aspects of researching the model for managed forests
- 11:30 - 12:00 **O. Griess, Raaba, Austria:** The Sustainability Coefficient (SC) - a tool to control sustainability
- 12:00 - 13:30 **Lunch: Restaurants in the neighbourhood (see enclosed map for exact locations), no reservations made**

Room code: ÜR 1 (first floor)

- 13:30 – 15:00 **Plenary Session:**
Conclusions, Joint Conference Review - What lies ahead?
Results and conclusions compiled from the discussion corners
Results of the side meeting of the RPC-CONFUREST, summary, outlook and closing of the conference by the Chairman of the RPC-CONFUREST (H. Spiecker)
- 19:30 **Farewell party at the Institute for Forest Growth**
“Tennenbacher Strasse 4“ (“Herderbau”, second floor)

Thursday, 02 October 2003

Field trip to the State Forest District Wolfach (Black Forest)

Meeting point for departure:

08:30 “Karlsplatz” (a square close to “Leopoldring”, bus parking lot at southern end of the square, close to the Hotel “Novotel”, cf. map enclosed [and city guide: p. 18-19, between no. 43 and no. 42 or p. 1, magenta no. 4])

Envisaged return: approx. 18:00

Possibilities for lunch time around “Herdergebäude”

- 1. The University Dining Hall**
Please ask at the Registration Desk.
- 2. Aguila (restaurant)**
(close to the venue:
corner Tennenbacher Str. / Sautierstr.)
- 3. Coffee factory (café)**
(Habsburger Straße)
- 4. Bakeries**
(Habsburger Straße)
- 5. City Center:**
many possibilities for snacks
or complete meals at
8 min. walking distance

