



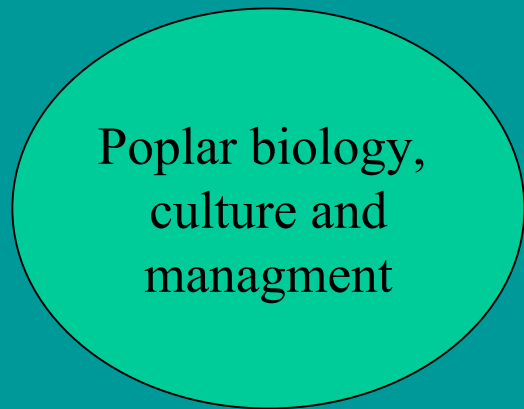
Poplar Research in Canadian Universities

Dr. D.Khasa

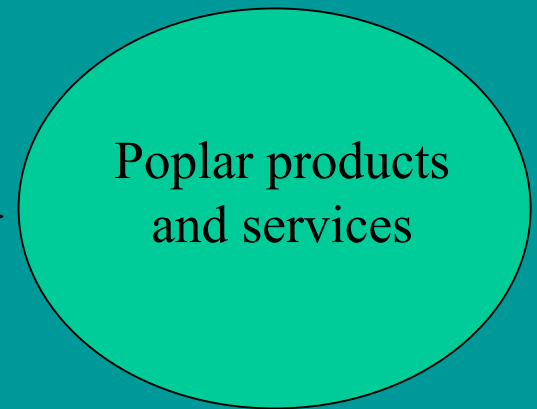
Poplar Council Meeting, Edmonton,
Alberta, July 23 2002



Poplar Council of Canada



Upstream research



Downstream research

Upstream research :

- Biosystematics and phylogeny of *Populus* and its closely related species
 - Dr. James E. Eckenwalder (University of Toronto, Department of Botany)
 - Dr. S. Dayanandan (University of Concordia, Department of Biology)
 - Dr. O. Rajora (Dalhousie University, Biotechnology group)

Upstream research :

- Breeding and genecology

- Dr. L. Zsuffa (University of Toronto, Faculty of Forestry, *professor emeritus*)

- Bill Schroeder (PFRA, Indian Head, SK)

- Dr. R. Farmer (Lakehead University, Faculty of Forestry and the Forest Environment, *professor emeritus*)

- Dr. B. Thomas (University of Alberta, Department of Renewable Resources, Adjunct professor)

- Dr. G. Vallée (Laval University, Forest Biology Research Centre, retired adjunct professor)

- Pierre Perinet (MRNQ, Ministry of Natural Natural Resources Quebec, Research Associate with Laval University through Ligniculture Ouebec)

Upstream research :

- Ecology and Silviculture of natural stands and plantations
 - Dr. V. Lieffers (University of Alberta, Centre of Enhanced Forest Management, professor and team leader)
 - Dr. P. Comeau (University of Alberta, Centre of Enhanced Forest Management, Professor)
 - Dr. S.M. Landhauser (University of Alberta, Centre of Enhanced Forest Management, professor)
 - Dr. S.E. MacDonald (University of Alberta, Department of Renewable Resources, professor)
 - Dr. C. Messier (UQAM, Department of Biology, Professor and director of GREFi)
 - Dr. F. Tremblay (UQAT, Department of Biology, professor)
 - Dr. A. Desrochers (UQAT, Department of Biology, professor)

Upstream research :

- **Ecophysiology of Poplars**

- Dr. T. J. Blake (University of Toronto, Faculty of Forestry, professor)

- Dr. S. Rood (University of Lethbridge, Department of Biological sciences, professor)

- R.P. Pharis (University of Calgary, Department of Biological Sciences, professor)

- Dr. B. Thomas (University of Alberta, Department of Renewable Resources)

- Dr. E. McDonald (University of Alberta, Department of Renewable Resources)

- Dr. J. Zedler (University of Alberta, Department of Renewable Resources)

Upstream research :

- Insects and diseases

- Dr. J. Spence (University of Alberta, Department of Renewable Resources, professor and Chair)

- Dr. P. Blenis (University of Alberta, Department of Renewable Resources, professor)

- Dr. K. Mallett (University of Alberta, Department of Renewable Resources, adjunct professor)

- Dr. M. Hubes (University of Toronto, Faculty of Forestry, professor)

- Dr. L. Bernier (Laval University, Forest Biology Research Centre, professor and director of the forest biology research centre)

Upstream research :

- Enhanced soil management
 - Dr. D. Khasa (Laval University, CRBF)
 - Dr. Y. Piché (Laval University, CRBF)
 - Dr. C. Camiré (Laval University, CRBF)
 - Dr. B. Thomas (University of Alberta, Department of Renewable Resources)
 - Dr. B. Dancik (University of Alberta, Department of Renewable Resources)

Upstream research :

- Agroforestry

- Dr. A.Gordon (University of Guelph, professor)
- Dr. Andre Hucq (University of Saskatchewan , CSALE, professor)
- Dr. Ken van Rees (University of Saskatchewan, Dept of Soil Science, professor)
- Dr. C. Prescott (UBC, Department of Forest Sciences, professor)
- Dr. C. Camiré (Laval University, CRBF, professor)
- Dr. D. Khasa (Laval University, CRBF, professor)

Upstream research :

- Genetic certification of poplar plantations
 - Dr. D. Khasa (Laval University, Forest Biology Research Centre)
 - Dr. J. Bousquet (Laval University, Forest Biology Research Centre, professor and director of the Canada Chair in forest and environmental genomics)
 - Dr. B. Thomas (University of Alberta, Department of Renewable Resources)
 - Dr. B. Dancik (University of Alberta, Department of Renewable Resources, professor and director of the Devonian Botanic Garden)

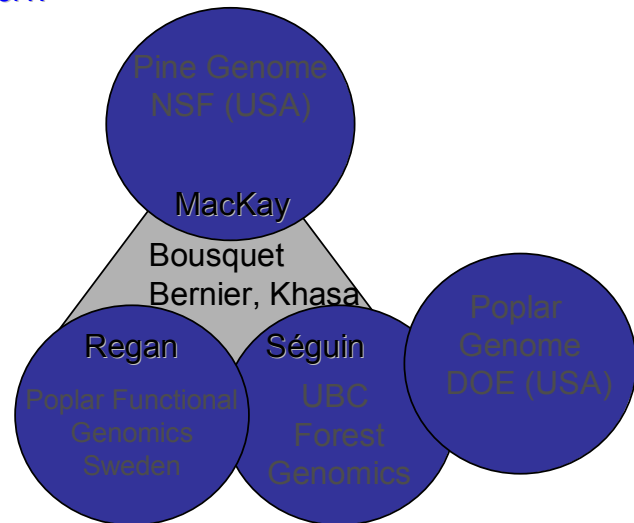
Upstream research :

- Poplar Biotechnology and genomics
 - Drs. J. MacKay, Janice Cook, J. Bousquet, D. Khasa, L. Bernier (Laval University, CRBF)
 - Dr. S. Regan (Carleton University, Department of Biology, Professor)
 - Dr. A. Séguin (Laval University, CRBF and CFS, Adjunct professor)
 - Drs. K. Ritland (UBC, Department of Forest Sciences, professor and NSERC-Industry Chair)
 - Drs. J. Bohlmann and C. Douglas (UBC, professors)
 - Dr.Brian Ellis (UBC, UBC Biotechnology Laboratory, Professor and Associate Director,
 - Professors)

Functional Genomics of Regulation in Forest Trees

John MacKay, Lead PI,
Janice Cooke
Sharon Regan
Armand Séguin
Jean Bousquet
Damase Khasa
Louis Bernier

Laval Univ.
Laval Univ.
Carleton Univ.
Canadian Forestry Serv.
Laval Univ.
Laval Univ.
Laval Univ.

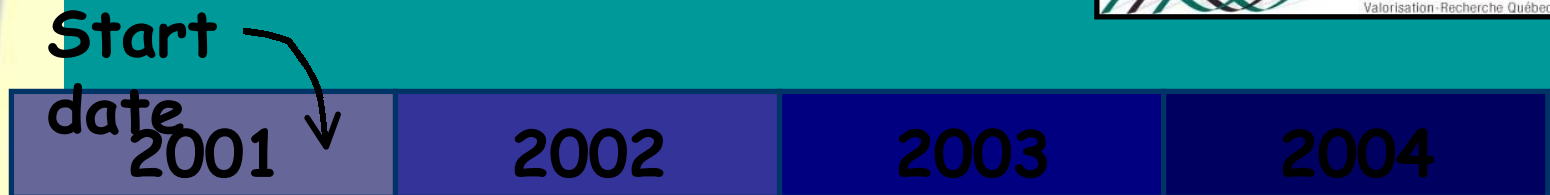


Genome Québec

Partners in Large Genomics Projects

Ligniculture-Québec

LES MOYENS: **Network** \$ sur 4 ans



Mandate

- Strengthen and coordinate existing R&D initiatives in intensive silviculture in Québec.
- Facilitate an initiate new projects by establishing experimental field designs.
- Disseminate and promote research results and technology transfer to end users.

Downstream research :

- Fibre and wood quality, decay resistance, QTL mapping and end-product
 - Drs. Tony Zhang, A. Koubaa (Adjuncts, Laval University)
 - Dr. J. MacKay (Laval University, Forest Biology Research Centre)
 - Dr.R. Beauguard, A. Cloutier, R. Harnandez, M. Beaudouin, Y Fortin (Laval University, Wood Science Reserach Group)
 - Dr. Shawn Mansfield (University of BC)
 - Dr. J. Balatinecz (University of Toronto, Emeritus professor)
 - Dr. J. Balatinecz (University of Toronto, Emeritus professor)

Downstream research :

- Pulp and paper
 - Drs. Jacques Valade, Z. Koran (UQTR, Pulp and Paper Research Centre)
 - Dr. D.S. Argyropoulos (Pulp and Paper Research Centre, Department of Chemistry, McGill University)
 -

Downstream research :

- Environmental Services

- Dr. Ken van Rees (University of Saskatchewan, Dept of Soil Science, professor)

- Dr. Yves Piché (Laval U, F.BRC)

- Dr. B. Thomas (U Alberta, Dept of Renewable Resources)

- Dr. E. MacDonald (U Alberta, Dept of Renewable Resources)

- Dr. D. Khasa (Laval University, CRBF)

Invitation

- If you are a poplar or willow scientist and are not already registered in the Directory, why not take a few moments now to visit the site at http://www.pfc.cfs.nrcan.gc.ca/cfrd/poplar_e.html and input your data