

LIST OF PHD THESES IN FOREST GENETICS AND RELATED FIELDS - PART 5 (1996-1999)

The Publisher and the Editorial Board have decided to publish annually in the last issue of the current volume a list of PhD theses defended in the current year. In this issue the fourth part of the list of theses defended in 1996-1999 is published. Announcing the information on defended theses missing in this list and of further theses and sending their copies (if available) to the Editor-in-Chief would be very much appreciated.

- ALDRICH, P. R. 1997: Dispersal and the scale fragmentation in tropical tree populations. University of Georgia, Athens, GA, USA, 93 pp. (supervisor J. L. Hamrick).
- ANDERSSON, E., 1999: *Gain and diversity in multigeneration breeding programs. Acta Universitatis Agriculturae Sueciae, Silvestria*, 95, 42+84 pp ISSN 1401-6230; ISBN 91-576-5629-0. (PhD thesis elaborated at the Swedish Agricultural University, Department of Forest Genetics, supervisor D. Lindgren).
- APSIT, P. R., 1998: Fragmentation and pollen movement in a Costa Rican dry forest tree species. University of Georgia, Athens, GA, USA, 122 pp. (supervisor J. L. Hamrick).
- BRUS, R., 1999: [Genetic variation of the beech (*Fagus sylvatica* L.) in Slovenia and comparison with its variation in Central and Southeastern Europe]. University of Ljubljana, Biotechnical Faculty, 130+22 pp. (supervisors S. Horvat-Marolt and L. Paule) [in Slovenian with English summary].
- CHERRY, M. 1995: Genetic variation in western red cedar (*Thuja plicata* Donn) seedlings. University of British Columbia, Vancouver, B.C.
- DANUSEVIČIUS, D., 1999: Early genetic evaluation of growth rhythm and tolerance to frost in *Picea abies* (L.) Karst. *Acta Universitatis Agriculturae Sueciae, Silvestria*, 103, 38+64 pp ISSN 1401-6230; ISBN 91-576-5637-1. PhD thesis elaborated at the Swedish Agricultural University, Department of Forest Genetics, supervisors G. Eriksson and A. Jonsson).
- KITAMURA, K. 1999: Demographic genetics of North American and Japanese beech populations. Graduate School of Science, Kyoto, Japan (supervisors S. Kawano and S. Shiraishi), 167+152+55 pp.
- KUNDU, S. K. 1999: Genetic diversity, mating system, adaptation and domestication in the neem tree (*Azadirachta indica* A. Juss.). University of Helsinki, (supervisor P. M. A. Tigerstedt) 48 + 84 pp ISBN 952-91-1094-0.
- LABERGE, M.-J., 1998: Dynamique spatio-temporelle des clones prostrés d'épinette noire (*Picea mariana*) au Québec subarctique. PhD Thesis, Université Laval, 126p. Supervisors: S. Payette and J. Bousquet.
- LAROCHE, J., 1998. Évolution du génome mitochondrial chez les angiospermes: une analyse des taux de substitution et d'insertion-délétion de nucléotides. PhD Thesis, Université Laval, 112p. Supervisor: J. Bousquet.
- LEE, SEOK-WOO, 1994: Genetic diversity and structure of natural populations of *Pinus thunbergii* in Korea. Korea University, Seoul
- LEE, SOON LEONG 1998: Genetic diversity and mating system of *Shorea leprosula* Miq. (Dipterocarpaceae). National University of Malaysia
- LI, YING-HONG, 1995: Transformation of white spruce (*Picea glauca*) using microprojectile bombardment. Université Laval, 61 pp. (supervisors A. Seguin & J. Bousquet).
- LI, CHANGXI, 1998: Genetic dissection of resistance to Western gall rust (*Endocronartium Harknessii* (J. P. Moore) Y. Hiratsuka) in lodgepole pine (*Pinus contorta* var. *latifolia* Engelm.). University of Alberta, Edmonton, 154 pp.
- LIENGSI, CH. 1999: Genetic variation studies in *Pterocarpus macrocarpus* Kurz. as revealed by isozymes, morphological and physiological traits. University of Alberta, Edmonton, 229 pp.
- LIU, J. 1997: Cloning and characterization of a floral gene of potential application in forestry. Oklahoma State University, Stillwater, USA, 80 pp.
- MÜLLER, B. 1999: Variation und Hybridisierung von *Quercus pubescens*. Eidgenössische Technische Hochschule, Zürich, Switzerland. Dissertation Nr. 13025, 138+62 pp.
- NYAKUENGAMA, J. G. 1997: Quantitative genetics of wood quality traits in *Pinus radiata* D. Don. University Melbourne, 319 pp. (+ 4 papers). [in English].
- PERRON, M., 1999: Étude moléculaire du complexe d'espèces *Picea mariana* - *P. rubens*. PhD Thesis, Université Laval, 122p. (Director: J. Bousquet).
- MORIN, R., 1999: Diversité et structure génétique des populations de noyer cendré *Juglans cinerea*. MSc Thesis, Université Laval, 73p. Supervisor: J. Bousquet.
- RAJA, R.G., 1997: Population genetics of shortleaf pine (*Pinus echinata* Mill.): Variation, isozyme linkage and regeneration effects on diversity. Oklahoma State University, Stillwater, USA, 75 pp.
- RICHARD, S., 1999: Analyse moléculaire de la réponse aux stress chez *Picea glauca*. PhD Thesis, Université Laval, 152p. Supervisors: A. Séguin and J. Bousquet.
- ROSVALL, O., 1999: Enhancing gain from long-term forest tree breeding while conserving genetic diversity. *Acta Universitatis Agriculturae Sueciae, Silvestria*, 109, 65+93 pp ISSN 1401-6230; ISBN 91-576-5643-6. (PhD thesis elaborated at the Swedish Agricultural University, Department of Forest Genetics, supervisor D. Lindgren).
- SHEPHERD, M. 1998. Genetic determination of insect resistance and foliar oil composition in a *Eucalyptus* hybrid. University of Queensland, Australia.
- VANDER MIJNSBRUGGE, K., 1998: Molecular biology approaches to study xylogenesis in poplar. University of Ghent (Belgium). 115 pp. PhD thesis elaborated at the Laboratory of Plant Genetics, University of Ghent, supervisor M. Van Montagu).
- VERRYN, S. D. 1994: Improving on best linear prediction for tree breeding. University of Pretoria, Pretoria.
- ZANETTO, A., 1998: Structuration géographique de la diversité allozymique dans le complexe des chênes blancs

europeens: *Quercus petraea* (Matt.) Lible. et *Quercus robur* L. Université Paris Sud, Centre d'Orsay.

ZHANG, RUICHUAN, 1996: Gibberelin A₉: a possible biochemical marker in early selection at the family and clonal levels of radiata pine and coastal Douglas-fir. University of Alberta, Edmonton, 223 pp.

ZHAO GUI-FANG, 1996: Genetic variation and differentiation of *Anthoxanthum alpinum* Löve & Löve and *Larix decidua* Mill. in the subalpine-alpine ecocline. Université de Neuchâtel, Switzerland.

NOTE

We apologize for imperfections in citations of the Ph.D. theses in which some information is missing. Except the

bibliographic line, the information about the institution, where the Ph.D. thesis was elaborated, is given in normal brackets. The title of the respective Ph.D. thesis is given in original language (English, German, and French) or in English translation (in rectangular brackets). The original language of the Ph.D. thesis is given in rectangular brackets at the end of the record.

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L. Paule (Zvolen, Slovakia)