

**LIST OF PHD THESES IN FOREST GENETICS AND RELATED FIELDS
— PART 1 (1995–1996)**

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 first part of the list of theses defended in 1995 and 1996 will be published. The additional completing list of PhD theses for this period will be published in the second issue of the vol. 4, 1997. 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.

- ARONEN, T. 1996: Genetic transformation of Scots pine (*Pinus sylvestris* L.). Metsantutkimuslaitoksen tiedonantoja 595 – The Finnish Forest Research Institute, Research Papers 595. 53 pp. + 6 original papers. ISSN 0358–4283, ISBN 951–40–1504–5. (PhD thesis elaborated at the University of Helsinki, Faculty of Agriculture and Forestry; H. Häggman and P. M. Tigerstedt).
- BACH, I. 1995: [Methodical development of forest reproductive material control and of variety qualification]. Hungarian Academy of Sciences, Budapest, 103 pp. [in Hungarian].
- BARSUKOVA, T. L., 1996: [Variation, breeding and propagation of curly birch in Belarus]. Forest Institute, Gomel, 222+ 22 pp. (PhD thesis elaborated at the Forest Institute of the Belarus Academy of Sciences, Gomel) [in Russian with Engl. sum.]
- BEUKER, E. 1996: Implications of climate adaptability in provenance trials with Scots pine and Norway spruce in Finland for the possible effects of climate warming. University of Joensuu, Faculty of Forestry Research Notes. 33 pp + 120 pages of original papers. ISBN 951–708–400–5. (Supervisors V. Koski and H. Hänninen)
- BODÉNÈS, C. 1996: Différentiation moléculaire entre chêne sessile *Quercus petraea* (Matt) Liebl. et chêne pédonculé *Quercus robur* L. Université Bordeaux I, Ecole Doctorale de Biologie, Talence. 130 pp.
- BORDÁCS, S. 1995: [Analysis of hereditary traits of oak species and implications for the reproductive material production]. Hungarian Academy of Sciences, Budapest, 119 pp. [in Hungarian].
- DEMESURE, B. 1996: Analyse de la diversité chloroplastique en utilisant des fragments-PCR chez des Fagacees: *Fagus sylvatica* L. et *Quercus* ssp. Université Bordeaux I, Ecole Doctorale de Biologie, Talence. 52 pp + annexes. (Supervisors B. Comps and A. Kremer).
- DEGEN, B.: Modelgestützte Systemanalyse der Dynamik adaptiver Potentiale von Baumpopulationen. Göttingen Research Notes in Forest Genetics 20, 150 pp. ISSN 0940–7103. (PhD thesis elaborated at the Department of Forest Genetics and Tree Breeding, Faculty of Forestry, University of Göttingen, Germany; supervisor H.-R. Gregorius)
- ĐURKOVIČ, J. 1996: [Organogenesis of selected tree species in *in vitro* conditions]. Faculty of Forestry, Technical University, Zvolen, Slovakia, 73 pp. (Supervisor L. Paule) [in Slovak; four papers in English].
- EGERTSDOTTER, U., 1996: Regulation of somatic embryo development in Norway spruce (*Picea abies*). Acta Universitatis Agriculturae Sueciae, Silvestria, 12, 45+56 pp ISBN 91–576–5124–8, ISSN 0348–565X (PhD thesis elaborated at the Swedish University of Agricultural Sciences, Uppsala).
- ERIKSSON, U., 1996: Enhancing production of high-quality seed in Swedish Conifer breeding. Acta Universitatis Agriculturae Sueciae, Silvestria, 12, 45+56 pp, ISBN 91–576–5213–9, ISSN 1401–6230 (PhD thesis elaborated at the Swedish University of Agricultural Sciences, Uppsala, supervisors G. Eriksson and Ö. Danell).
- HARFOUCHE, K. 1995: Variabilité géographique et hybridation interraciales chez le pin maritime (*Pinus pinaster* Ait.). Université Henri Poincaré, Nancy I. 153 pp. (Supervisor A. Kremer)
- HARJU, A. 1995: Genetic functioning of Scots pine seed orchards. Acta Universitatis Oulensis. Scientiae rerum naturalium, A 271, 39 + 56 pp. ISBN 951–42–4242–4; ISSN 0355–3191. (PhD thesis elaborated at the Department of Biology, University of Oulu, Finland; supervisor O. Savolainen).
- IBRAHIM, A. M. 1996: Genetic variation in *Faidherbia albida*: implications for conservation of genetic resources and tree improvement. Tropical Forestry Reports 11. 86 pp. (University of Helsinki, Faculty of Agriculture and Forestry). ISSN 0786–8170, ISBN 951–45–7416–8. [in English].
- ISABEL, N. 1995: Molecular population genetics of natural and clonal populations of species from the genus *Picea*. Université Laval, Québec, Canada. (Supervisor J. Bousquet).
- JAYAWICKRAMA, K.J.S. 1996: Date of earlywood – latewood transition in provenances and families of loblolly pine, and its relationship to growth phenology and juvenile wood specific gravity. Department of Forestry, North Carolina State University, Raleigh, N.C. 86 pp. (supervisors S. E. McKeand & J. B. Jett)
- JO, D.-G. 1996: Genetic variation in plus trees of *Pinus thunbergii* Parl. Korea University. 116 pp. [in English].
- KIM, Y.-Y. 1995: [Genetic variation of 10 natural populations of *Pinus densiflora* in Korea based on RAPD marker analysis]. Seoul National University, 115 pp. [in Korean].
- KIM, Y.-M. 1995: [Genetic, physiological, and morphological variation of *Quercus acutissima* population in Korea]. Kangwon National University. 111 pp. [in Korean].
- LONGAUER, R. 1996: Genetic diversity of European silver fir (*Abies alba* Mill.). Faculty of Forestry, Technical University, Zvolen, Slovakia, 154 pp. (Supervisor L. Paule).
- LUCĂU-DĂNILĂ, A. M. 1995: [Investigation of genetic variation of silver fir (*Abies alba* Mill.) using enzyme and terpene markers]. Universitatea "Transilvania", Braşov, 147 pp + appendices. (supervisor V. Stanesco) [in Romanian].
- MILEV, M. H. 1996: [Investigations of the breeding of Euro-

- pean larch (*Larix decidua* Mill.) and Japanese larch (*Larix kaempferi* Carr.) in Bulgaria]. Forest Scientific Council, Sofia. [in Bulgarian].
- MACHON, N. 1995: Etude de la variabilité génétique des arbres forestiers. Exemples du Châtaignier et de l'Orme. Université Paris 11. (Supervisor P.-H. Gouyon).
- MÜLLER-STARCK, R. 1996: Genetische Aspekte der Reproduktion der Buche (*Fagus sylvatica* L.) unter Berücksichtigung waldbaulicher Gegebenheiten. Berichte des Forschungszentrums Waldökosysteme, Reihe A, 135, 103+12 pp. ISSN 0939–1347. (PhD thesis elaborated at the Department of Forest Genetics and Tree Breeding, Faculty of Forestry, University of Göttingen).
- PAGANOVA, V. 1996: [Biological characteristics of reproductive organs, growth and progeny testing in curly birch]. Faculty of Forestry, Technical University Zvolen, 159 pp. (supervisor L. Paule). [in Slovak].
- PLOMON, CH. 1995: Cartographie et déterminisme génétique de la hauteur juvénile chez le pin maritime (*Pinus pinaster* Alt.) en condition de croissance accélérée. Ecole Normale Supérieure Agronomique de Rennes, 187 pp.
- RAUTANEN, J. 1995: Untersuchung zur Höhenentwicklung zwischen den Klon- und Sämlingsherkünften der Fichte über 21 Jahre: ein Beitrag zur Frage der Prüfdauer. Metsantutkimus-laitoksen tiedonantoja 559 – The Finnish Forestry research Institute, Research papers 559. 58 pp. + original papers. ISSN 0358–4283, ISBN 951–40–1436–7. (PhD thesis elaborated at the University of Helsinki, Faculty of Agriculture and Forestry).
- STOJANOVA, M. T. 1995: Forestry-resource characteristics of *Juniperus communis* in Plana mountains. Forestry Scientific Council, Sofia. [in Bulgarian].
- SVENSSON, J. C., 1996: Genetic differences in carbon dioxide assimilation, nutrition and biomass production in a 10-year-old loblolly pine (*Pinus taeda*) plantation. Department of Forestry, North Carolina State University, Raleigh, N.C., 123 pp. (Supervisors H. L. Allen & S. E. McKeand).
- TOUMI, L. 1995: Etude de la structure génétique et introgressions entre les chênes sclérophylles méditerranéens à l'aide de marqueurs alloenzymatiques. Université de Droit, d'Économie et des Sciences d'Aix-Marseille, Faculté des Sciences et Techniques Saint Jérôme, 139 pp. (Supervisor R. Lumaret).
- TUROK, J. 1996: Genetische Untersuchungen bei der Buche – Genetische Anpassungsprozesse und die Erhaltung von Genressourcen in Buchenwäldern (*Fagus sylvatica* L.). Hrsg.: Landesanstalt für Ökologie, Bodenordnung und Forsten – Landesanstalt für Agrarordnung NRW. LÖBF – Schriftenreihe, 8, 136 pp. ISBN 3–89174–020–9. (PhD thesis elaborated at the Department of Forest Genetics and Tree Breeding, Faculty of Forestry, University of Göttingen; supervisor H.-H. Hattemer) [in German].
- VERGA, A. R. 1996: Genetische Untersuchungen an *Prosopis chilensis* und *P. flexuosa* (Mimosaceae) im trockenen Chaco Argentinien. Göttingen Research Notes in Forest Genetics 19, 96+8 pp. ISSN 0940–7103. (PhD thesis elaborated at the Department of Forest Genetics and Tree Breeding, Faculty of Forestry, University of Göttingen).
- VERHAGEN, D. 1996: Prediction of genetic values and construction of genetic maps in an interspecific cross of *Eucalyptus urophylla* × *Eucalyptus grandis*. University of Paris XI, Orsay, France, 138 pp. (INRA, Laboratoire de Génétique et d'Amélioration des Arbres Forestiers, Cestas; supervisor A. Kremer)
- VOLOSANCHUK, R. T. 1996: [Peculiarities of the phenotypic and genetic structure of isolated Scots pine populations in the Ukrainian Carpathians]. Ukrainian Research Institute of Forestry and Agromelioration, Kharkov, 112 pp + 24 pp. (PhD thesis elaborated at the Forest Institute of the Belarus Academy of Sciences, Gomel; supervisors P. Molotkov and G. G. Goncharenko) [in Ukrainian with Russ. and Engl. sum.]
- VOYTYUK, V. P., 1996: [Scots pine breeding and seed production in the Volyn region]. Ukrainian State University of Forestry and wood Technology, Lviv, 359 pp. (Supervisor P. Molotkov) [in Ukrainian].
- WANG, T. 1996: Physiological and genetic basis of superior yield in silver birch (*Betula pendula* Roth.) University of Helsinki, Faculty of Agriculture and Forestry, Helsinki. 52 pp. + original papers. ISBN 952–90–7391–7.
- WEI, R.-P. 1995: Predicting genetic diversity and optimizing selection in breeding programs. Swedish University of Agricultural Sciences, Department of Forest Genetics and Plant Physiology, Umeå, ISBN 91–576–4990–1. (Supervisor D. Lindgren).
- ZAJKA, V. K., 1995: [Breeding and ecological peculiarities of the performance of half-sib progenies of Scots pine (*Pinus sylvestris* L. in Roztochya)]. Ukrainian State University of Forestry and wood Technology, Lviv, 244 pp. (Supervisor G. T. Krynytskij) [in Ukrainian].
- ZHANG, Y. 1997: Genetic studies and improvement of *Pinus caribaea* Morelet. University of Edinburgh, 204 pp. (Supervisor R. Ennos).

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)