

LIST OF PHD THESES IN FOREST GENETICS AND RELATED FIELDS – PART 7 (1998–2001)

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 sixth part of the list of theses defended in 1998–2001 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.

- ALMQVIST, C. 2001: Improving of flowering competence and capacity with reference to Swedish conifer breeding. *Acta Universitatis Agriculturae Sueciae. Silvestria* 218, 41 pp. ISSN 1401-6230, ISBN 91-576-6302-5. Distribution Swedish University of Agricultural Sciences, Department of Forest Genetics, Uppsala, Sweden.
- BAKKER, E. G. 2001: Towards molecular tools for management of oak forests. Genetic studies on indigenous *Quercus robur* L. and *Q. petraea* (Matt.) Liebl. populations. University of Wageningen, Netherlands, 117 pp. ISBN 90-327-0310-2.
- BIALOZYT, R. 2001: Modellgestützte Systemanalyse der Dynamik genetischer Strukturen von Baumpopulationen. Fachbereich Biologie, Universität Hamburg. Logos Verlag, Berlin, 104 pp. ISBN
- BRUSCHI, P. 1999: Uso di marcatori morfologici e molecolari per lo studio della diversità genetica in specie afferenti al complesso *Quercus petraea* e *Quercus pubescens*. [Use of morphological and molecular markers to study the genetic diversity in *Quercus petraea* and *Quercus pubescens* complex]. 118 pp. +3 original papers. (PhD thesis in Crop and Forest Genetics elaborated at the Department of Plant Biology, Faculty of Agriculture, University of Florence; Supervisor P. Grossoni) [in Italian].
- BRUCHÁNIK, R. 2001: [Breeding program for Scots pine for hilly region of Central Slovakia]. Faculty of Forestry of the Technical University, Zvolen (supervisor L. Paule), 113+48 pp. [in Slovak].
- BYCHKOV, S. A. 2000: [Introduction potential of *Pinus pallasiana* D. Don. and *Pinus sylvestris* L. in technogene polluted territories of Azov region]. National Botanical Garden of the National Academy of Sciences of Ukraine, Kiev (supervisor I. I. Korshikov), 245 pp. [in Ukrainian].
- BYRAM, T. D. 2000: Simulation of marker assisted breeding in an applied tree improvement project: A case study based on the Western Gulf Forest Tree Improvement Program. Texas A&M University, 140 pp. (Committee members: W. J. Lowe (chair), J. P. van Buijtenen, A. H. Paterson, J. W. Richardson).
- DE SOUZA, V. A. 2001: Population genetic studies in *Araucaria angustifolia* (Bert.) O. Ktze. (PhD thesis elaborated at the Institute of Forest Genetics and Tree Breeding, Faculty of Forest Science, Georg-August-Universität, Göttingen). Cuvillier Verlag, Göttingen, 160 pp., ISBN 3-89873-032-8.
- FRANCHI, M. 2001: Il flusso del materiale genetico (DNA, particelle virali) nell'ambiente suolo. [Horizontal gene transfer in soil environment]. 110 pp. + 3 original papers. (PhD thesis in Crop and Forest Genetics elaborated at the Department of Animal Biology and Genetics, Faculty of Sciences, University of Florence; Supervisor E. Gallori) [in Italian].
- GONZALES-MARTINEZ, S. C. 2001: Estructura poblacional y flujo genético de *Pinus pinaster* Ait. en el noroeste de la Península Ibérica. [Population structure and gene flow of maritime pine (*Pinus pinaster* Ait) in the northwest of the Iberian Peninsula]. Departamento de Silvopascicultura, Universidad Politécnica de Madrid, Madrid, (supervisors R. Alía and L. Gil).
- GWAZE, D. P. 1997: Genetic parameter estimates for height and stem straightness in *Pinus taeda* Linnaeus and implications for breeding. University of Edinburgh, Edinburgh, UK, 180 pp. (supervisors: J. A. Wooliams, P. J. Kanowski and W. G. Hill).
- KLUMPP, R., 1999: Untersuchungen zur Genökologie der Douglasie (*Pseudotsuga menziesii* [Mirb.] Franco). Georg-August-Universität, Göttingen, 360 pp. <http://webdoc.sub.gwdg.de/diss/2000/klumpp/index.htm>
- LA SCALA, S. 2000: Microsatellites markers as a tool for the characterisation of genetic variation in populations of sessile oaks (*Quercus petraea* (Matt.) Liebl.). Technical University of Munich, Center of Life and Food Sciences, Section of Forest Genetics, Freising. (supervisor G. Müller-Starck), 67 pp + 6 papers.
- LOPES, U. V. 1998: Genetic gain prediction for binary threshold traits. University of Florida, Gainesville, FL. 107 p.
- PAFFETTI, D. 1999: Rapporti filogenetici in cultivar di susino cinogiapponese con metodi molecolari. [Phylogenetic relationships in Japanese plum by molecular methods]. 60 pp. + 4 original papers. (PhD thesis in Crop and Forest Genetics elaborated at the Department of Horticulture, Faculty of Agriculture, University of Florence; Supervisor E. Bellini) [in Italian].
- PALUMBO, M. G. 1999: Caratterizzazione biochimico-molecolare del processo di ringiovanimento in vitro in *Cupressus sempervirens* L. [Biochemical-molecular characterisation *in vitro* of the rejuvenant process in *Cupressus sempervirens* L.]. 90 pp. + 1 original paper. (PhD thesis in Crop and Forest Genetics elaborated at the Institute of Silviculture, Faculty of Agriculture, University of Florence; Supervisor R. Giannini) [in Italian].
- PASTORINO, M. J. 2001: Genetic variation and reproduction system of *Austrocedrus chilensis* (D. Don) Florin et Boutelje, a cypress endemic to Andean-Patagonian Forest. (PhD thesis elaborated at the Institute of Forest Genetics and Tree Breeding, Faculty of Forest Science, Georg-August-Universität, Göttingen). Cuvillier Verlag, Göttingen, 165 pp., ISBN 3-89873-033-6.
- PIRKO, YA. V. 2001: Population-genetical variation of three basic species of the genus *Pinus* L. in the Ukrainian Carpathians and in Raztoche. Institut of Cell Biology and

- Genetical Engineering of the National Academy of Sciences of Ukraine, Kiev, (supervisor I. I. Korshikov), 187 pp. [in Ukrainian].
- POLAK, M., 2001:[Determination of genetic structure of selected Norway spruce (*Picea abies* (L.) Karst.) populations from Carpathians using isozyme gene markers]. Akademia Rolnicza, Krakow, 175 pp. (supervisor J. Sabor) [in Polish].
- RIBEIRO, M. M. 2001: Genetics of *Pinus pinaster* Aiton with cytoplasmic and nuclear markers. The Swedish University of Agricultural Sciences, Umeå ISBN 91-576-6061-1. (supervisor A. E. Szmidt), 46+50 pp. (3 papers).
- RIEGEL, R. 2001: Entwicklung molekulargenetischer Marker bei der Fichte (*Picea abies* (L.) Karst.) und deren Anwendung für genetische Erhebungen in umweltbelasteten Populationen. Technical University of Munich, Center of Life and Food Sciences, Section of Forest Genetics, Freising. (supervisor G. Müller-Starck), 97 pp + 5 papers.
- TERLIGA, N. S. 1999: [Adaptive variation of the Crimean pine in connection with its introduction in technogene ecotopes of krivbass region]. State Nikitsk Botanical Garden of the Ukrainian Academy of sciences, Yalta, (supervisor I. I. Korshikov), 213 pp. [in Ukrainian].
- TRAINER, E. 2001: Reproduktion in Beständen der Traubeneiche (*Quercus petraea* (Matt.) Liebl.). Technical University of Munich, Center of Life and Food Sciences, Section of Forest Genetics, Freising. (supervisor G. Müller-Starck), 101 pp + 46 pp.
- VETTORI, C. 1998: Meccanismi di trasferimento del materiale genetico nel suolo. [Mechanisms of gene transfer in soil]. 116 pp. + 4 original papers. (PhD thesis in Crop and Forest Genetics elaborated at the Department of Animal Biology and Genetics, Faculty of Sciences, University of Florence; Supervisor E. Gallori) [in Italian].
- WALLANDER, E., 2001: Evolution of wind-pollination in *Fraxinus* (Oleaceae) - an ecophylogenetic approach. Botanical Institute, Göteborg University, Sweden, ISBN 91-88896-37-4, 24 + 100 pp. (4 papers).
- WANG, K. 2001: Gene flow and mating system in European beech (*Fagus sylvatica* L.). (PhD thesis elaborated at the Institute of Forest Genetics and Tree Breeding, Faculty of Forest Science, Georg-August-Universität, Göttingen). Cuvillier Verlag, Göttingen, 160 pp., ISBN 3-89873-222-3.

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.

ACKNOWLEDGMENTS

Except the authors themselves, thanks are due to Dr. Elizabeth Gillet, Prof. Raffaello Giannini, Dr. David P. Gwaze, Dr. I. I. Korshikov and Prof. Gerhard Müller-Starck for providing the information on relevant Ph.D. theses.

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