LIST OF PHD THESES IN FOREST GENETICS AND RELATED FIELDS – PART 4 (1996–1998)

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 1996–1998 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.

AFONIN, A. A. 1996: [Analyses of an intraspecies variability of willows stipulated by influence of the genetic-ecological factors]. – Brjansk, Brjansk State Engineer-Technical Academy (241037, Brjansk, Stanke Dimitrova, 3), [thesis elaborated at Brjansk State Pedagogical University, Brjansk, supervisor E. N. Samoshkin], 160 p. [in Russian].

ANIKEEV, D. R. 1996: [Alteration of morphologic structures of reproductive system in Scots pine in industrial pollution conditions in the Middle Ural]. Ekaterinburg, Ural State Forestry Academy (620032, Ekaterinburg, Sibirskij trakt, 37) – PhD theses on elaborated at Ural State Forestry Academy, Ekaterinburg, supervisor L. G. Babushkina] 180 p. [in Russian].

DOW, B. D. 1995: Characterization of mating system of bur oak (*Quercus macrocarpa*) using microsatellite DNA markers. Ph.D. dissertation, University of Illinois at Chicago.

CHERNODUBOV, A. .I. 1996: [Intraspecific variability and population structure of *Pinus sylvestris* L. in "island" pine forests of East Europe lowland]. – St.-Petersburg, St.-Petersburg Forest Technical Academy. – [PhD thesis elaborated at Voronezh State Forest Technical Academy, Voronezh], 218 p. [in Russian].

EFIMOV, U. P. 1997: [Seed orchards in forest tree breeding and seed production]. – Ioshkar-Ola, Mary State Technical University (424000, Ioshkar-Ola, pl. Lenina, 3). [DrSc theses elaborated at Voronezh Research Institute of Forest Genetics and Breeding, Voronezh], 409 p. [in Russian].

EMEBIRI, L. C. 1997: Detection and genetic mapping of quantitative trait loci influencing stem growth efficiency in radiata pine. Department of Forestry. Australina National University, Canberra. 170 p. (Supervisors: M. E. Devey, A. C. Matheson and M. U. Slee).

FARUKSHINA, G. G. 1998: [Morphological and cariotypical variability of *Larix Sukaczewii* and *Picea obovata* in Ural] - Krasnojarsk, V.N. Sukachev Institute of Forest SO RAN (660036, Krasnojarsk 36, Akademgorodok, Institute of Forest) – [PhD theses elaborated at Botanical garden-institute of Ufa Scientific Center RAS, Ufa; supervisors V. N. Starova and V. P. Putenikhin]. 238 p. [in Russian]

GLAUBITZ, J. 1995: Application of molecular markers to forest genetics: genetic diversity, genetic linkage mapping, and gene expression. PhD thesis elaborated at the Department of Forest Sciences and the Biotechnology Laboratory, The University of British Columbia, Vancouver, Canada; supervisor J. E. Carlson), 136 p.

HONG, K.-N., 1997: [Molecular phylogeny of section Leuce and natural variation of *Populus davidiana* in Korea based on RAPD marker analysis]. Seoul National University, Seoul, Korea, 87 p. [in Korean].

HU, X.-S. 1998: Genetic marker studies of the *Larix gmelinii* complex and the development of genetic marker theory for plant populations. University of Edinburgh, (supervisors R. A. Ennos and A. C. M. Gillies), 308 p.

HUSSENDÖRFER, E., 1997: Untersuchungen über die genetische Variation der Weisstanne (*Abies alba* Mill.) unter dem Aspekt der *in situ* Erhaltung genetischer Ressourcen in der Schweiz. *Beiheft zu Schweizerischen Zeitschrift fur Forstwesen* **83**:1–151

IŞIK, F., 1998: [Genetic variation, heritabilities and genetic gain from *Pinus brutia* open-pollinated provenance progeny trial. Technical Bulletin No. 7, Soutwest Anatolia Forest Research Institute (SAFRI), Antalya, Turkey, 211 p. ISBN 975–8273–08–6 (supervisor K. Işik). [in Turkish w. English summary].

IVANOV, V. P. 1996: [Variability of Scots pine under influence of generically active factors]. – Moscow, Moscow Forest State University (141001, Moscow province, Mitischi-1). – [DrSc Thesis elaborated at Brjansk State Engineer-Technical Academy, Brjansk], 50 p. [in Russian].

KABANOVA, S. A. 1997: [Phenogenetical variability of quantitative characters in half-sib progenies of a birch in the Northern Kazakhstan]. – Tomsk, Tomsk State University (634050, Tomsk – 50, pr. Lenina, 36). – [PhD thesis elaborated at Tomsk State University, Tomsk, supervisor A. S. Revushkin], 195 p. [in Russian].

KIM, M.-J., 1996: [Physiological and genetic studies on characters affecting urushiol content in the bark and lecquer quality of *Rhus verniciflua* stokes]. Seoul National University, Seoul, Korea, 77 p. [in Korean].

LAZAREVA, S. M. 1996: [Variability of Korean pine in introductcion plantations cultures of the Mary El Republic]. – Ioshkar-Ola, Mary State Technical University (424000, Ioshkar-Ola, pl. Lenina, 3). – [thesis elaborated at Mary State Technical University, Ioshkar-Ola], 24 p. [in Russian].

LEE, M.-H., 1997: [Heritability of nut characteristics fro selected trees of *Juglans sinensis* growing in Koea - morphological and genetic variations among locations]. Kangwon National University, Kangwon, Korea, 107 p. [in Korean].

LU, M.-Z., 1998: Genetic properties of RAPD markers and RNA editing in Gymnosperms. Acta Universitatis Agriculturae Sueciae. Silvestria **47**. 41 + 68 p. ISSN 1401-6230, ISBN 91–576–5331–3. (Superivosr A. E. Szmidt)

MATÚŠOVÁ, R. 1998: [Genetic variation of selected silver fir populations in Slovakia]. Ústav genetiky a biotechnológií rastlín SAV, Nitra., 87 p. (supervisor: A. Kormuťák) [in Slovak].

MILENIN, A. I. 1997: [Ecological features of phenological varieties of pedunculate oak (*Quercus robur* L.) in the Central Chernozem Region]. – Voronezh, Voronezh State Forest Technical Academy (394613, Voronezh, Timiryazeva, 8). – [thesis elaborated at Voronezh State Forest Technical Academy, Voronezh, supervisor V. I. Tarankov], 125 p. [in Russian w. English summary].

OKONKOWO, J. N., 1997: Genetic variability of Scots pine (*Pinus sylvestris* L.) seed orchard from Supraśl (NE Poland). Adam Miczkiewicz University, Poznań, Poland 149 pp (supervisor M. Krzakowa), [in English].

ORLOVIĆ, S., 1996: [An investigation on variability of black poplar properties significant for the improvement of the selection for growth vigor]. Forestry Faculty, Belgrade, 121 p. (Supervisor V. Isajev). [in Serbian, abstract and three papers in English]

OSTROLUCKÁ, A., 1998: [Application of molecular gene markers in the cpDNA polymorphism studies of selected *Abies* species]. Ústav genetiky a biotechnológií rastlín SAV, Nitra., 87 p. (supervisor: A. Kormuťák) [in Slovak].

PADUTOV, A. E. 1998: [Genetic mapping of allozyme loci in four Easte European forest forming pine species]. Institute of Genetics and Cytology of the National Academy of Sciences of Belarus, Minsk, (Thesis elaborated in the Institute of Forest of NASB, Gomel', supervisor G. G. Goncharenko), 135 +21 p. [in Russian].

PROHOROVA, E.V. 1996: [Progeny testing of Scots pine and Norway spruce plus trees in the Middle Povolzhje region]. – Ioshkar-Ola, Mary State Technical University (424 000, Ioshkar-Ola, pl. Lenina, 3). – [thesis elaborated at Mary State Technical University, Ioshkar-Ola, supervisor M. M. Kotov], 215 p. [in Russian].

SHUTYAEV, A. M. 1998: Diversity of pedunculate oak (*Quercus robur* L.) and its utilization in tree breeding and afforestation. Brjansk, Brjansk State Engineer-Technical Academy (241037 Brjansk, Stanke Dimitrova 3). – [DrSc. thesis elaborated at Voronezh Research Institute of Forest Genetics and Tree Breeding, Voronezh], 382 p. [in Russian].

SILIN, A. E., 1998: [Population genetic investigation of Scots pine (*Pinus sylvestris* L.) and analysis of its taxonomic and phylogenetic relationships with closely related species]. Institute of Genetics and Cytology of the National Academy of Sciences of Belarus, Minsk, (Thesis elaborated in the Institute of Forest of NASB, Gomel', supervisor G. G. Goncharenko), 131+22 p. [in Russian w. English summary].

SON, S.-G., 1997: [Analysis of upstream promoter regions from *Populus nigra* and *Populus maximowiczii* by inverse PCR technique]. Seoul National University, Seoul, Korea, 105 p. [in Korean].

THAMARUS, K. A. 1997: Wound-induced gene expression in aspen bark. (PhD thesis elaborated at the Department of Forest Resources, University of Minnesota, St. Paul, Minnesota, U.S.A., 40 p.; supervisor G. R. Furnier).

ZHENG, Y.-Q. 1997: Genetic studies and improvement of *Pinus caribaea* Morelet. University of Edinburgh, (supervisor R. A. Ennos), 208 p.

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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