

**Dr MARIJA MARKOVIĆ,**  
**Assistant professor**  
**Faculty of forestry, University of Belgrade**  
**Department for landscape architecture and horticulture**

### **CURRICULUM VITAE**

#### **Personal information:**

**Name:** Marija Marković  
**Date of birth:** 15. 07. 1978.  
**Town:** Belgrade  
**Phone.:** +381 11 3053-935; Cell phone. +381 69 3053-869  
**Business address:** Kneza Višeslava 1, 11030 Beograd,  
**E-mail:** [marija.markovic@sfb.bg.ac.rs](mailto:marija.markovic@sfb.bg.ac.rs)

#### **PROFFESIONAL EXPERIENCE:**

- 2015-2017:** Assistant professor at the Department for landscape architecture and horticulture; courses: Floriculture, Floriculture for indoor plants, Technology of flower propagation, Revegetation, Micropropagation techniques, Plant materials for specific uses, Plant materials for Landscape arhitecture and horticulture.
- 2008-2015:** Lecturer at the Department for landscape architecture and horticulture, courses: Floriculture 1, Floriculture 2, Technology of flower propagation,
- 2004-2008:** Teaching assistant: at the Department for landscape architecture and horticulture, courses: Floriculture 1, Floriculture 2.

#### **EDUCATION:**

- 1997-2002:** Engineer of Forestry and Landscape architecture degree  
Best graduate student at the Department for landscape architecture and horticulture
- 2002-2008:** M.Sc studies at the Department of Ornamental plant propagation.
- 2008-2014:** D. Sc.: „Propagation of some endangered *Dianthus* L. species using a micropropagation method.”

**FOREIGN LANGUAGES:** English, French, Persian (beginner level).

## **CONFERENCES**

### **2016:**

THE THIRD WORLD CONFERENCE OF WORLD ASSOCIATION OF SOIL AND WATER CONSERVATION, August 22-26, 2016, Belgrade/ Serbia

International Conference: Sustainable Development of Mountain Areas - Experiences, Challenges and Perspectives, Žabljak, Crna Gora, 14.-16. 09. 2016.

### **2015 :**

International Conference on Plant Biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society; Cost Action FA1106 Qualityfruit Workshop; Petnica, 17-20 June, 2015;

International conference Reforestation Challenges. 03-06 June 2015, Belgrade, Serbia.

### **2014 :**

Congress of Plant Biology Europe, FESPB/EPSO, 22nd - 26th June 2014, Dublin, Ireland

### **2013 :**

International Scientific Conference at 85th Anniversary of Bulgarian Academy of sciences and the Forest Research Institute is Sofia, Bulgaria, October 1-2.

1<sup>st</sup> International Conference on Plant Biology, 20th Symposium of the Serbian Plant Physiology Society, Subotica, Jun 4-7.

### **2012:**

International Scientific Conference, FOREST IN FUTURE, Sustainable Use, Risk and Challenges. 4th -5th October 2012, Belgrade, Republic of Serbia.

‘Forestry Science and Practice for the Purpose of Sustainable Development of Forestry, Banja Luka, 1–4 November 2012.

### **Professional Memberships/Affiliations:**

American Society for Horticultural Science ,

Serbian Society for landscape architecture

Serbian Society for horticulture

### **SCIENTIFIC ARTICLES REVIEWER:**

**Sci journal with impact factor: HortScience** (review of paper: " Micropropagation of four *Dianthus petraeus* genotypes from Greece")

**Sci journal with impact factor: Notulae Botanicae Horti Agrobotanici Cluj-Napoca** (review of paper: " Effect of Anatomical Structure of Shoots in Different Flowering Phase on Ability to Rhizogenesis of Once-blooming Roses")

Journal: **Biologica Nyssana** review of paper: "Factors influencing axillary bud induction on nodal segments of *Micromeria pulegium* (Rochel) Benth")

Journal **Bulletin of Faculty of Forestry** (review of paper: " THE EFFECT OF LOW INITIAL MEDIUM pH ON WHITE POPLAR GROWTH IN VITRO")

## **PUBLICATIONS**

**2017**

**Classbook:** Grbić, M., **Marković, M.**, Đukić, M. (20017): Floriculture – annuals and biennials, Publisher: Faculty of Forestry, Belgrade university.

**Marković, M.** (2017): Perennials adapted to the climate conditions of Belgrade with a emphasis to their invasiveness, Obratov-Petković D. (Ed.) (2017) Ornamental and invasive plants in the conditions of climate changes, Monograph, Faculty of Forestry, University of Belgrade, Belgrade, pp.124 - 139.

## 2016

**Marija Marković**, Mihailo Grbic, Matilda Djukic (2016): Micropropagation of Endangered and Decorative Species *Dianthus pinifolius* Sibth. et Sm. *Brazilian Archives of Biology and Technology*. vol. 59, e16150320 Jan/Dec, 2016,

Djukić Matilda, Grbić Mihailo, Djunisijević Bojović Danijela, **Marković Marija**, Skočajić Dragana (2016): INVASIVE PLANTS AND BIODIVERSITY PROTECTION OF MOUNTAIN AREAS. International Conference: Sustainable Development of Mountain Areas - Experiences, Challenges and Perspectives, Žabljak, Crna Gora, 14.-16. 09. 2016.

**Marković Marija**, Skočajić Dragana, Grbić Mihailo, Đukić Matilda (2016): EFFECTS OF CUTTING SIZE AND EXOGENOUS HORMONES ON ROOTING OF SOFTWOOD CUTTINGS OF CORNUS MAS L. International Conference: Sustainable Development of Mountain Areas - Experiences, Challenges and Perspectives, Žabljak, Crna Gora, 14.-16. 09. 2016.

Matilda Djukić, Danijela Djunisijević Bojović, Mihailo Grbić, **Marija Marković**, Dragana Skočajić (2016): Influence of soil nitrogen form on plant growth and development. THE THIRD WORLD CONFERENCE OF WORLD ASSOCIATION OF SOIL AND WATER CONSERVATION, August 22-26, 2016, Belgrade/ Serbia

## 2015

**Marković M.**, Grbić M., Đukić M. (2015): The use of *in vitro* culture for propagation of endangered taxa in genus *Dianthus* L., Bulletin of Faculty of Forestry 111 (83-98)

**Marković M.**, Skočajić D., Grbić M., Đukić M., Obratov-Petković D., Đunisijević-Bojović D., Borovica M. (2015): Micropropagation of *Achillea millefolium* L. on half-strength MS medium and direct rooting and acclimatization of microshoots in hydroponic culture. Bulletin of Faculty of Forestry 111 (99-112)

Djukić M., Djunisijević Bojović D., Grbić M., **Marković M.**, Skočajić D. (2015): Physiological vitality of Norway spruce seedlings on reforested area at Mt. Kopaonik in Serbia. In: Ivetić V., Stanković D. (eds.) Proceedings: International conference Reforestation Challenges. 03-06 June 2015, Belgrade, Serbia. pp. 194-200

Grbić M., Skočajić D., Đukić M., Đunisijević-Bojović D., **Marković M.** (2015): Mass clonal propagation of elms as way for replacement of endangered autochthonous species. In: Ivetić V., Stanković D. (eds.) Proceedings: International conference Reforestation Challenges. 03-06 June 2015, Belgrade, Serbia. Reforesta. pp. 60-67.

Stojić N., Grbić M., Đukić M., Obratov-Petković D., Skočajić D., Aničić A., **Marković M.** (2015): Effect of growth regulators concentrations in micropropagation of yarrow. 2<sup>nd</sup> International Conference on Plant Biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society; Cost Action FA1106 Qualityfruit Workshop; Petnica, 17-20 June, 2015; p. 29

Stojić N., Grbić M., Đukić M., Obratov-Petković D., Skočajić D., **Marković M.** (2015): Effect of sucrose concentration on in vitro growth of *Achillea millefolium* L. 2<sup>nd</sup> International Conference on Plant Biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society; Cost Action FA1106 Qualityfruit Workshop; Petnica, 17-20 June, 2015; p. 30

Grbić M., Skočajić D., Đukić M., Đunisijević-Bojović D., **Marković M.** (2015): Photoblastic response of seed germination of Japanese katsura tree (*Cercidiphyllum japonicum* Siebold & Zucc). 2<sup>nd</sup> International Conference on Plant Biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society; Cost Action FA1106 Qualityfruit Workshop; Petnica, 17-20 June, 2015; p. 50

Đunisijević-Bojović D., Đukić M., **Marković M.**, Skočajić D., Grbić M., Raković J. (2015): The effect of lead stress on *Paulownia elongata* biomass production in hydroponics. 2<sup>nd</sup> International Conference on Plant Biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society; Cost Action FA1106 Qualityfruit Workshop; Petnica, 17-20 June, 2015; p. 158.

Đukić M., Đunisijević-Bojović D., Grbić M., Skočajić D., Samuilov S., **Marković M.**, Raković J. (2015): Pb, Cd and Zn stress influence seed germination and seedling growth of invasive woody plants. 2<sup>nd</sup> International Conference on Plant Biology, 21<sup>st</sup> Symposium of the Serbian Plant Physiology Society; Cost Action FA1106 Qualityfruit Workshop; Petnica, 17-20 June, 2015; p. 161.

## 2014

**Marković M.**, Grbić M., Đukić M. (2014): Effect of sugar alcohol sorbitol on *in vitro* shoot development of *Dianthus serotinus* Waldst. et Kit., Bulletin of Faculty of Forestry 109 (113-124)

**Marković M.**, Grbić M., Skočajić D., Đukić M. (2014): Effect of explant type on the rooting and acclimatization of *Dianthus serotinus* Waldst. i Kit., Bulletin of Faculty of Forestry 109 (125-136)

**Marković M.**, Skočajić D., Grbić M., Djukić M. (2014): Effects of the time of cuttings collection and IBA concentration on the rooting of softwood cuttings from elite trees of Cornelian cherry (*Cornus mas* L.) in Belgrade area. Bulletin of Faculty of Forestry 110 (105-120)

Grbić M., Skočajić D., Đukić M., Đunisijević Bojović D., **Marković M.** (2014): Examination of seed characters of *Vachellia farnesiana* (L.) Wight & Arn. as potentially applicable species in Serbia under climate change conditions., Bulletin of Faculty of Forestry 110 (33-44)

Đukić M., Đunijević Bojović D., Grbić M., Skočajić D., **Marković M.**, Samuilov S. (2014): Ecophysiological properties of white and Canadian poplar in habitats with various water regimes, Bulletin of Faculty of Forestry 110 (73-86)

**Marković M.**, Grbić M., Djukić M. (2014): Effects of cutting type and a method of IBA application on rooting of softwood cuttings from elite trees of cornelian cherry (*Cornus mas* L.) from Belgrade area. Silva Balcanica, 15(1): 30-37

**Marković M.**, Grbić M., Đukić M. (2014): The strategy of endangered plant species taxa reintroduction into their natural habitats. Nature protection 64 (2): 19-26.

Djukić, M., Djunisijevic Bojovic, D., Grbic, M., Skocajic, D., **Markovic, M.** (2014): Some Eco-Physiological Properties of Invasive Plant Japanese Knotweed. Plant Biology Europe, FESPB/EPSO 2014 , Congress, , 22nd - 26th June 2014, Dublin, Ireland, p. 372

**Marković, M.** (2014): „Propagation of some endangered *Dianthus* L. species using a micropropagation method.”. Doctoral thesis, University of Belgrade, Faculty of Forestry.

## 2013.

**Marković, M.**, Popović, M., Vilotić, D. (2013): Micropropagation of *Dianthus deltoides* L. through shoot tip and nodal cuttings culture. Archives of Biological Sciences, 65(1): 17-22.

**Marković, M.**, Vilotić, D., **Marković, M.**, Vilotić, D., Popović, M. (2013): Popović, M. (2013): Propagation of *Paulownia elongata* S. Z. HU by axillary shoots. Propagation of Ornamental Plants 13(2): 73-77. ISSN 1311-9109.

**Marković, M.**, Grbić, M., Djukić, M. (2013): Micropropagation of the Endangered and Decorative Species *Dianthus serotinus* Waldst. et Kit. Notulae Botanicae Horti Agrobotanici Cluj-Napoca 41(2): 1-8. Print ISSN 0255-965X; Electronic 1842-4309

Đukić M., Đunisijević-Bojović D., Grbić M., **Marković, M.** (2013): Effect of indole-butyric acid on the rooting of *Ficus* cuttings. Bulletin of Faculty of Forestry 107 (87-100)

**Marković M.**, Grbić M., Đukić M. (2013): The use of *in vitro* culture in *Dianthus* propagation. Bulletin of Faculty of Forestry 107(141-162)

Skočajić, D., Grbić, M., **Marković, M.**, Djukić, M. (2013): Viability and germination of *Quercus rubra* L. seeds collected from elite trees in Belgrade area. International Scientific Conference at 85th Anniversary of Bulgarian Academy of sciences and the Forest Research Institute is Sofia, Bulgaria, October 1-2.

**Marković, M.**, Grbić, M., Djukić, M. (2013): Effects of cutting type and a method of IBA application on rooting of softwood cuttings from elite trees of cornelian cherry (*Cornus mas* L.) from Belgrade area. International Scientific Conference at 85th Anniversary of Bulgarian Academy of sciences and the Forest Research Institute is Sofia, Bulgaria, October 1-2.

Đukić, M., Đunisijevic- Bojović, D., Grbić, M., **Marković, M.**, Skočajić, D., Samuilov, S. (2013): Influence of auxin on rooting cuttings of *Ficus benjamina* L. and *Ficus elastica* Roxb. 1<sup>st</sup>

International Conference on Plant Biology, 20th Symposium of the Serbian Plant Physiology Society, Subotica, Jun 4-7.

**Marković, M.**, (2013): New trends in landscaping and gardening as a method for preserving biodiversity. Nature protection 63 (1-2): 25-33.