



## Land. Arch. Sianna Tsvetanova Hlebarska, PhD Student

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**Date and birth place:** 23 October 1986, Sofia

**Research interests:** Forest phytopathology, Forest protection, Biodiversity, Biological control

### Education:

2016-present: PhD Student on Forest Protection at Forest Research Institute, BAS on topic “Biology, ecology and harmfulness of *Sphaeropsis sapinea* on *Pinus* spp. plantations in South Bulgaria”.

2012: Landscape Architecture, University of Forestry, Sofia

### Employment:

2018-present: Chief Expert in the Green System Maintenance and Protection Department, ‘Green System’ Directorate, Sofia Municipality

2016-2018: Senior Expert in the Ecology Department, Mladost District, Sofia Municipality

### Training:

2017: Impact of invasive alien species on biodiversity and ecosystem services in extreme environments, Sofia, Bulgaria, ESENIAS-TOOLS project.

### Publications:

**Hlebarska S** (2019) Pathogenicity of *Diplodia sapinea* on *Pinus* species in South Bulgaria. Proceeding 150 Years Bulgarian Academy of Sciences, Prof. Marin Drinov, 69-76.

Mirchev P, Georgieva M, Zaemdzhikova G, Matova M, **Hlebarska S**, Filipova E, Georgiev G (2019) Phenological form diversity of *Thaumetopoea pityocampa* in Bulgaria. Journal Poplar 203: 65-69.

Georgieva M, **Hlebarska S** (2018) Species composition and distribution of invasive fungal pathogens, causing damages on *Pinus* species in South Bulgaria. Forest science 54 (1): 77-91.

**Hlebarska S**, Georgieva M (2018) Spread and damage by the invasive pathogen *Diplodia sapinea* on *Pinus nigra* Arn. in Bulgaria. Proceeding of the International conference ‘90 Years Forest Research Institute – for the society and nature’, Clorind, 61-70.

Georgieva M, Bocheva L, Mirchev P, Tsankov G, Matova M, Zaemdzkikova G, **Hlebarska S**, Georgiev G (2018) Fecundity and egg abortion in two phenological forms of pine processionary moth (*Thaumetopoea pityocampa*) in Bulgaria. Silva Balcanica 19 (1): 79-88.

Georgieva M, **Hlebarska S** (2017) A review of *Sphaeropsis sapinea* occurrence on *Pinus* spp. in Bulgaria. Journal of Bioscience and Biotechnology 5 (3): 247-250.

Georgieva M, **Hlebarska S** (2014) *Dothistroma pini* – danger fungal pathogen on pine species. Plant protection 10: 13-15.

### Projects:

- Expansion of pine processionary moth (*Thaumetopoea pityocampa* (Denis & Schiffermüller, 1775) (Lepidoptera, Thaumetopoeidae) in Bulgaria – a dangerous allergen and economical important pest in the pine ecosystems. Funded by National Science Fund of Bulgaria. 2017-2020. Project Leader: Prof. DSc Plamen Mirchev.

- Monitoring of xylophagous insects on the spruce, fir and Scots pine in the stands affected by the 2018 windstorm and the development of measures to reduce their numbers. Funded by South-Central State Enterprise - Smolyan. 2018-2021. Project Leader: Prof. DSc Georgi Georgiev.
- Health status of the common chestnut (*Castanea sativa* Mill.) stands in Belasitsa and Ograzhden Mts. and activities to improve their condition. Funded by Southwestern State Enterprise - Blagoevgrad. 2018-2021. Project Leader: Prof. Dr Margarita Georgieva.
- Study of the pathogenicity of a complex of fungal pathogens causing damage on species of the genus *Pinus* in Southern Bulgaria. 2018-2019. Project Leader: Sianna Hlebrska.