



Eng. Maria Stefanova Matova

Forest Research Institute, Bulgarian Academy of Sciences
St. Kliment Ohridski Blvd. 132, 1756 Sofia, Bulgaria

Mobile.: +359 886989863

E-mail: mimilota22@abv.bg

Date and birth place: 06 November 1960, Sofia

Research interests: Forest Entomology, Forest Protection, Parasitoids, Biological Control

Education:

1985: Engineer in Forestry, University of Forestry, Sofia

Employment:

1985-present: Engineer, Department of Forest entomology, phytopathology and game fauna, Forest Research Institute, BAS

1978-1985: Laboratory assistant, Forest Research Institute, BAS

Administrative responsibilities:

2010-present: Technical secretary of the General Assembly of Scientists in Forest Research Institute, BAS

2015-present: Technical secretary of the Scientific Council of the Forest Research Institute, BAS

2016-present: Technical Secretary of Scientific Juries

Publications: 39 papers published. The list of selected publications for the last five years:

Georgieva M, **Matova M**, Zaemdzhikova G, Markoff I, Mirchev P, Georgiev G (2020). Ecological characteristics of *Thaumetopoea pityocampa* Denis & Schiffermüller, 1775 (Lepidoptera: Notodontidae) in egg stage in Thasos Island, Greece. *Ecologica Montenegrina* 32: 1-9.

Boyadzhiev P, Antov M, Mirchev P, Georgieva M, Zaemdzhikova G, **Matova M**, Georgiev G (2020). *Eupelmus (Macroneura) vladimiri* Fusu, 2017 (Hymenoptera: Eupelmidae), a new egg parasitoid of *Thaumetopoea pityocampa* (Denis & Schiffermüller, 1775) (Lepidoptera: Notodontidae). *Acta zoologica bulgarica* 72 (3): 487-489. ISI IF (2019) = 0.354

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

Georgieva M, Nedjalkov D, Georgiev G, **Matova M**, Zaemdzhikova G, Petkov P, Mirchev P (2019) Monitoring of health status of *Quercus cerris* L. in the Eastern Balkan Range and the Ludogorie (Bulgaria). *Annual of Sofia University "St. Kliment Ohridski" Faculty of Biology, Book 4 - Scientific Sessions of the Faculty of Biology* 104: 154-165.

Georgieva M, Mirchev P, Georgiev G, Zaemdzhikova G, **Matova M**, Filipova E, Petkov P (2019) Health status of pine stands observed in the extensive monitoring network in Bulgaria. – In: X International Agricultural Symposium "AGROSYM 2019", Jahorina, 3-6 October 2019, Bosnia and Herzegovina: 1896-1903.

Mirchev P, Georgiev G, Georgieva M, **Matova M**, Zaemdzhikova G (2018) Enlargement of pine processionary moth (*Thaumetopoea pityocampa*) range in Bulgaria. *Forest Review* 48 (1): 4-7.

Georgieva M, Bocheva L, Mirchev P, Tsankov G, **Matova M**, Zaemdzhikova 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.

Mirchev P, Georgiev G, Tsankov G, Georgieva M, Zaemdzhikova G, **Matova M** (2018) Assessing pine processionary moth (*Thaumetopoea pityocampa*) unfertilized eggs in different localities in Bulgaria. *Forest Science* 1: 69-76.

Pilarska D, Georgiev G, Golemansky V, Pilarski P, Mirchev P, Georgieva M, Tabaković-Tošić M, Todorov M, Takov D, Pernek M, Hrasovec B, Milotic M, Dautabasic M, Mujezinovic O, Naceski S, Papazova-Anakieva I, **Matova M**, Vafeidis P (2016) *Entomophaga maimaiga* (Entomophthorales: Entomophthoraceae) in Balkan Peninsula – an overview. *Silva balcanica* 17 (1): 31-40.

Research projects: Participant in more than 20 national and international research projects. The projects for the last 5 years are listed below:

- International Co-operative Programme on Assessment and Monitoring of Air Pollution Effects on Forests operating under the UNECE Convention on Long-range Transboundary Air Pollutions: ICP Forests of EU program. 2000-2020. Project Leaders: Prof. DSc Pl. Mirchev, Prof. Dr E. Pavlova.
- 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 Pl. Mirchev.
- Standardizing Automated large-scale Monitoring to understand atypic Phenologies at both ends (France and Bulgaria) of the climate-driven expansion front of a European urticating pest, the Pine Processionary Moth. Funded by National Science Fund of Bulgaria. 2017-2019. Project Leader: Prof. DSc Pl. Mirchev.
- Common cross-border policies for forestry protection (FORPRO). Lead Beneficiary: Regional Forest Directorate – Kardzhali. Funded by Cooperation Programme “INTERREG V-A Greece-Bulgaria 2014-2020”, the European Regional Development Fund (ERDF) and the national budgets of Greece and Bulgaria. 2017-2019. Project Leader for FRI: Prof. DSc Georgi Georgiev.
- Monitoring of xylophages 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.