

# Monika Kalvaitienė

## CONTACT INFORMATION

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## EDUCATION AND ACADEMIC DEGREE

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2014 – 2016 Vilnius University, Botany / Master studies.  
Master thesis topic: “Ecological conditions of *Hamatocaulis vernicosus* (Mitt.) Hedenäs habitat and their influence on moss abundance and morphometric parameters”.  
Research was carried out at the Institute of Botany, Laboratory of Flora and Geobotany.  
Research area: bryophyte diversity, ecology, effect of environmental conditions on population structure, morphometry.

2010 – 2014 Vilnius University, Biology / Bachelor studies.  
Bachelor thesis topic: “Bryophyte diversity in the Nagliai Strict Nature Reserve”.  
Research was carried out at the Institute of Botany, Laboratory of Flora and Geobotany.  
Research area: bryophyte diversity, sand dune communities.

## PROFESSIONAL EXPERIENCE

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2017 10 – until now **PhD student**  
Nature Research Centre, Laboratory of Flora and Geobotany

2015 06 – until now **Biologist**  
Nature Research Centre, Laboratory of Flora and Geobotany

## RESEARCH INTERESTS

Research interests: bryophyte biology, taxonomy, ecology. Structure of mire vegetation and impact of ecological conditions on their stability, spread and diversity. Population studies of rare and endangered bryophyte species.

## PUBLICATIONS

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*Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (with citation index):*

1. Ellis L.T., Asthan A.K., Srivastava A., Bakalin V.A., Bednarek-Ochyra H, Cano M.J., Jiménez J.A., Alonso M., Deme J., Csiky J., Dia M.G., Campisi P., Erzberger P., Garilleti R., Gorobets K.V., Gremmen N.J.M., Jimenez M.S., Suárez G.M., Jukonienė I., Kiebacher T., Kirmaci M., Koczur A., Kürschne H., Lara F., Mazimpaka V., Larraín J., Lebouvier M., Medina R., Natcheva R., Newsham K.K., Nobis M., Nowak A., Ören M., Özçelik A.D., Orgaz J.D., Peralta D.F., Plášek V., Číhal L., Ristow R., Sawicki J., Schäfer-Verwim, A., Smith V.R., Stebel A.,

- Ştefănuţ S., **Subkaitė M.**, Sun B.Y, Uselienė A., Uyar G., Váňa J., Yoon Y. –J., Park S. J. 2015. New national and regional bryophyte records, 43. – *Journal of Bryology*, 37 (2): 128-146.
2. Jukonienė I., **Subkaitė M.** 2017. Bryophytes and their distribution pattern in the Nagliai Strict Nature Reserve (Curonian Spit, Lithuania). – *Herzogia*. 30 (1): 16–35. <https://doi.org/10.13158/heia.30.1.2017.16>.
  3. Jukonienė I., Rasimavičius M., Ričkienė A., **Subkaitė M.** 2018. S.B. Gorski's bryological collection in the Herbarium of Vilnius University. – *Acta Societatis Botanicorum Poloniae*, 87 (3): 3588. <https://doi.org/10.5586/asbp.3588>.
  4. Ellis L.T., Afonina O.M., Doroshina G.Y., Agudelo C., Andriamiarisoa R.L., Asthana A.K., Gupta D., Gupta R., Rawat K.K., Sahu V., Aymerich P., Bednarek-Ochyra H., Bruges M., Ruiz E., Saez L., Callaghan D.A., Caspari S., Drapela P., Dugarova O.D., Tubanova D.Y., Erzberger P., Flores J.R., Suarez G.M., Fedosov V.E., Gospodinov G., Gradstein S.R., Reeb C., Jukonienė I., **Subkaitė M.**, Kucera J., Lee G.E., Lombo Y.J., Suarez K.Y., Lebouvier M., Majumdar S., Muller F., Nagy J., Norhazrina N., Papp B., Plasek V., Pocs T., Puglisi M., Schafer-Verwimp A., Shirzadian S., Singh D.K., Stefanut S., Torzewski K., van Melick H., Wolski G.J., Zander R.H. 2019. New national and regional bryophyte records, 58. – *Journal of Bryology*, 41 (1): 63–84. <https://doi.org/10.1080/03736687.2018.1559636> 9.
  5. **Kalvaitienė M.**, Jukonienė I. 2022. Habitat preferences of *Hamatocaulis vernicosus* at the junction of continental and boreal phytogeographical regions (Lithuania). – *Boreal Environment Research*, 27: 81–96. 10.1254/rehitr.1258.0125.
  6. Jukonienė I., Ričkienė A., **Kalvaitienė M.**, Rasimavičius M. 2022. Zapiski bryologiczne by Kazimierz Szafnagel and his herbarium in the historical context of bryological studies in Lithuania and adjacent regions. – *Acta Societatis Botanicorum Poloniae*, 91: art. no. 9127. <https://doi.org/10.5586/asbp.9127>.
  7. Jukonienė I., **Kalvaitienė M.**, Rasimavičius M. 2022. On the distribution of some rare bryophyte species following revision of the K. Szafnagel collection. – *Herzogia*, 35 (1): 155–162. <https://doi.org/10.13158/heia.35.1.2022.155>.

**Scientific articles published in conference proceedings, indexed in „Clarivate Analytics Web of Science“ database:**

1. Jukonienė I., Ričkienė A., **Subkaitė M.** 2019. Herbarium data on bryophytes from the Eastern part of Lithuania (1934-1940) in the context of science history and landscape changes. – *Botanica*, 25(1): 41–53. 10.2478/botlit-2019-0005.
2. Jukonienė I., **Kalvaitienė M.**, Bagušinskaitė A. 2022. Bryophyte diversity as an indication of habitat quality in two special areas of conservation on the outskirts of Vilnius (Verkiai Regional Park), – *Botanica* (in print).

**Other reviewed scientific publications (books, books' chapters, collections of articles, articles, textbooks and etc.):**

1. **Subkaitė M.**, Jukonienė I. 2018. Briologinis aspektas XX a. pradžios Lietuvos pelkių tyrimuose. – In.: Jukonienė, I. (ed.), *Briologiniai archyvai – Lietuvos mokslo ir gamtos istorijos paveldas*: 89–107. Vilnius. ISBN 978-9986-443-94-0 13.
2. **Subkaitė M.**, Jukonienė I. 2018. Herbariumo rinkinių svarba saugomų teritorijų florai patikslinti. Žuvinto rezervato brioflora. – In.: Jukonienė, I. (ed.), *Briologiniai archyvai – Lietuvos mokslo ir gamtos istorijos paveldas*: 153–167. Vilnius. . ISBN 978-9986-443-94-0
3. Jukonienė I., **Subkaitė M.**, Uselienė A. 2021. Maršantijūnai (Kerpsamanės). Marchantiophyta, – In.: Rašomavičius V.(ed.) *Lietuvos raudonoji knyga*: 317–322. Lututė, Vilnius. ISBN 978-9955—37-228-8.

4. Jukonienė I., **Subkaitė M.**, Stončius, D. Uselienė. 2021. A. Brijūnai (Lapsamanės). Bryophyta. – In.: Rašomavičius V.(ed.) *Lietuvos raudonoji knyga*: 290–382. Lututė, Vilnius.317–369.

## **PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS**

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- 2020 – 2021 **assesor** “Investigations of the Status of Invasive and Alien Species in Lithuania“. Ministry of the Environment.
- 2019 – 2021 **assistant** "Inventory of plant species of European Community importance". Contract with State Service of Protected Areas under the Ministry of the Environment.
- 2019 – 2021 **biologist** "Sources of botanical research at the turn of the 19th and 20th centuries. K. Szafnagel's "Zapiski bryologiczne" and herbarium – research and publication". Lithuanian Science Council.
- 2017 – 2018 **assesor** Preparation of the publication “Lithuanian Red Book”. Ministry of the Environment.
- 2016 – 2018 **biologist** "Unstudied bryological collections. Significance for the knowledge of the Lithuanian bryoflora and the assessment of the influence of landscape changes on its structure". Lithuanian Science Council.

## **PARTICIPATION IN SCIENTIFIC CONFERENCES**

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### ***International scientific conferences:***

1. **Subkaitė M.**, Jukonienė I. 2017. Bryophyte collections for additions and amendments to the bryophyte flora of Žuvintas Strict Nature reserve. – „9<sup>th</sup> International Conference on Biodiversity Research“, balandis 25–26, Daugpilis, Latvija. Book of Abstracts: 98. [https://biodiversityconference.biology.lv/public/conferences/6/AB\\_2017.pdf](https://biodiversityconference.biology.lv/public/conferences/6/AB_2017.pdf)
2. Jukonienė I., **Subkaitė M.** 2018. Historical data for assessment of the impact of landscape changes on bryophyte diversity in Lithuania. – Symposium “Europe’s cryptogams in a changing world – 50 years of research and protection of bryophytes and lichens in Central Europe, balandis 20–22, Seckenberg Museum of Natural History, Frankfurt am Main, Germany. Book of Abstracts: 20.
3. Jukonienė I., **Kalvaitienė M.**, Rasimavičius M., Ričkienė A. 2021. Findings in the Herbarium of Vilnius University: A historical collection of bryophytes. – International Scientific Conference dedicated to the 100<sup>th</sup> anniversary of the National Herbarium of Ukraine (KW) „Herbaria of the 21th century: Achievements and tasks challenges“, spalio 1, Kyiv, Ukraine. Proceedings: 136–140.
4. **Kalvaitienė M.**, Jukonienė I., Rasimavičius M. 2021. Revision of K. Szafnagel’s historical data on the distribution of mire species. – „The 63<sup>rd</sup> International Scientific Conference of Daugavpils University“, balandis 15–16, Daugpilis, Latvija. [https://dukonference.lv/files/2021\\_978-9984-14-942-4\\_DU%2063%20starpt%20zinatn%20konf%20tezes.pdf](https://dukonference.lv/files/2021_978-9984-14-942-4_DU%2063%20starpt%20zinatn%20konf%20tezes.pdf)
5. Jukonienė I., **Kalvaitienė M.**, Rasimavičius M., Ričkienė A. 2022. Historical data in the context of distribution of rare species: “Zapiski bryologiczne” by K. Szafnagel and his herbarium. – 10th conference of European Committee for Conservation of Bryophytes, gegužė 24–27, Zagreb, Croatia. Book of Abstracts: 31.

## **OTHERS**

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1. Jukonienė I., **Kalvaitienė M.**, Rasimavičius M. 2020. Vertingi istoriniai duomenys apie brioflorą. Kazimierzo Szafnagelio samanų rinkiniai. *Kultūros barai*, 2020 12: 80-82.

[https://docs.google.com/viewer?url=http://www.kulturosbarai.lt/uploads/news/id163/KB-2020-12\\_WEB.pdf](https://docs.google.com/viewer?url=http://www.kulturosbarai.lt/uploads/news/id163/KB-2020-12_WEB.pdf).

2. Jukonienė I., **Kalvaitienė M.**, Rasimavičius M. 2021. Vertingi istoriniai duomenys apie augaliją. *Delfi plus*, 2021 sausio 8 d. <https://www.delfi.lt/plus/mokslas-inovacijos/vertingiistoriniai-duomenys-apie-augalija.d?id=86168395>.