CV

PERSONAL INFORMATION

Name, surname: Anna Mežaka
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EDUCATION

2006 – 2009	Doctoral Studies in Biology, Department of Botany and Ecology, Faculty of Biology, University of Latvia (LUBF), Latvia. PhD Thesis defended September 28th, 2009.
2007	LLLP/ERASMUS student exchange programme, Faculty of Biosciences, University of Helsinki, Finland.
2004 – 2006	Master Studies in Biology, LUBF, Latvia.
2001-2004	Bachelor Studies in Biology LUBF, Latvia

CURRENT POSITION

2022.-	Editor-in-Chief of the International scientific journal *Acta Biologica Universitatis Daugavpiliensis*, Daugavpils University.
2016-	Senior Researcher, Daugavpils University.
2020-	Visiting associate professor, Daugavpils University.

PREVIOUS POSITIONS

2016 – 2019	Research Fellow of Marie Skłodowska Curie Action, Horizon 2020 framework Programme of the European Union (Smithsonian Tropical Research Institute; Ecological plant geography group, Faculty of Geography, Marburg University, Germany).
2016	Senior researcher, Daugavpils University.
2013 – 2016	Senior researcher, Research Institute for Regional Studies, Rezekne Higher Education Institution (RHEI), Latvia.
2014 – 2015	Researcher in the ESF Project: "Multidisciplinary young researcher's group for studies of Latvian wetlands and their resources, long–term use and protection", Institute of Biology, Agency of University of Latvia, Latvia.
2013 – 2015	Director, Research Institute for Regional Studies, RHEI, Latvia.
2014	Visiting lecturer, Faculty of Engineering, RHEI, Latvia.
2010 – 2013	Researcher, LUBF, Latvia.
2010 – 2011	Lecturer, Department LUBF, Latvia.
2007 – 2011	Scientific Assistant, LUBF, Latvia.
2009	Expert, Natura 2000 project, habitat and species monitoring. Latvian Fund for Nature.
2008 – 2010	Researcher, Daugavpils University, Latvia (project: Rare and protected invertebrate, vascular plants and fungi species occurrence in relation to forest management and protection history and dependence of the structures ensuring biodiversity Forest Development Fund)
2007	Biologist in Research project: "Changes of tree growth in influence of climate and environmental factors in relation with indicators of biodiversity", University f Latvia.
2006 –2007	Project Assistant in European Social Fund project "Modernization of Master degree studies at the University of Latvia", LUBF, Latvia.
2005 – 2007	Biologist, LUBF, Latvia. Latvian Acadamy of sciences project: "The development and biodiversity of natural forests".
2006	Expert in project "Determination of biologically valuable grasslands", Latvian fund for nature.

PROJECTS, FELLOWSHIPS AND AWARDS

2022.	Project about rare bryophyte *Odontoschisma denudatum* ecology in coniferous forests (commercial research project funded by Joint Stock company "Latvia's State forests" (LVM)).
2020-2023	Postdoctoral project: Epiphyte metapopulation dynamics in boreo-nemoral forest landscape. State Education Development Agency Republic of Latvia, Daugavpils, Latvia. Project website: https://du.lv/epifitu-metapopulaciju-dinamika-boreonemorala-meza-ainava/ (funding: ESF, Latvian budget, LVM).
2021-2023	Latvian Council of Science project: Bryophyte and lichen successional and spatial patterns in deciduous forests" (No. lzp-2020/1-0314).
2016-2019	European Union Framework programme for research and innnovation, Horizon 2020, Marie Skłodowska-Curie action Global Fellowship project - "Life on a leaf: species interactions and

	community dynamics in epiphyll communities". Panama, Germany. Project website: bryo64.wixsite.com/epidyn/
2012	Latvian Environmental Science and Education Council, Ministry of Environmental Protection and Regional Development award "Young Environmental Scientist 2012" for the important contribution in epiphytic bryophyte studies, Latvia.
2011– 2012	Erasmus Mundus, Triple I programme, Department of Geobotany and Plant Ecology, Saint Petersburg State University, Russia (Erasmus Mundus, Triple I programme).
2011	Latvian Ministry of Education and Science award for pedagogical work preparing pupils for International Biology Olympiad, Latvia.
2010	SYNTHESYS project „Experience gain in bryophyte species identification methods – barcoding liverworts Marchantia", Royal Botanical Garden, Scotland, Great Britain in co-operation with Dr David Long.
2009 – 2010	Fulbright Visiting Scholar Programme, Department of Botany and Plant Pathology, Oregon State University.
2009	Scholarship from Deutsche Bundesstiftung Umwelt (Stipendium für Nachwuchswissenschaftler), Senckenberg Nature Museum (Senckenberg Forschungsinstitut und naturmuseum) Germany in co-operation with Dr Christian Printzen.
2008 – 2009	Scholarship from Ministry of Education, Youth and Sport of the Czech Republic, Department of Botany, Faculty of Natural Sciences, Charles University, Czech Republic.
2007	Student travel grant from the International Association of Bryologists to participate in "World Conference of Bryology", Malaysia.
2007	Latvian Academy of Sciences Young scientist award for the Master thesis – Epiphytic bryophytes in old – growth forests of slopes, screes and ravines, Latvia.
2007	Prize for the best scientific presentation in study course "Conservation biology in fragmented landscape", Tvärminne, Finland (authors: R. Belinchon, H. Fabritius, I. Hatlapatkova, J. Julkunen, A. Mezaka).
2006	University of Latvia, First prize in competition "Innovative idea" for idea – Mixture of four bryophytes, Riga, Latvia (authors: Ligita Liepiņa, Anna Mežaka, Linda Madžule).
2006	Fund of Latvian Education "For education, science and culture" recognition for the best Master thesis, - Epiphytic bryophytes in old-growth forests of slopes, screes and ravines, Riga, Latvia.
2006	Munster award, University of Latvia for Master thesis – Epiphytic bryophytes in old-growth forests of slopes, screes and ravines, Latvia.
2005, 2008	LUBF, First Prize for the best green section presentation in 2nd and in 4th International Biology Students Conference (InBisCo), Latvia.
2004, 2005	University of Latvia, Kristaps Morbergs scholarships, Latvia.

SUPERVISION OF STUDENT THESIS

2021.-	Two PhD students (Daugavpils University).
2021-2022	Master Student, Daugavpils University.
2012 – 2013	Master student (Scientific consultant), Faculty of Geography and Earth Sciences, University of Latvia, Latvia.
2010 – 2011	Master student in biology, LUBF.
2008 -2010	Bachelor student in biology, LUBF.

INVITED PRESENTATIONS

25.2.2022	Presentation about rare bryophytes. Online. Latvian Botanical Society.
12.3.2021	Presentation about bryophyte herbarium. Online. From field work to herbarium labelling. Latvian Botanical Society.
03.12.2014	Presentation at the seminar series of the Faculty of Geography, PUM, "Peatlands in Latvia – from conservation to management". Marburg, Germany.
16.06.2010	Invited lecturer, "Epiphytic bryophyte and lichen variability in relation to hemiboreal forest elements in Latvia". Duke University, Durham, USA.
07.03.2008	Invited lecturer in seminar for forest owners - "Bryophytes and lichens – important biodiversity elements in forests".
01.-10.08.2007	Invited lecturer, „Epiphytic bryophytes in Latvia" in 11th Symposium for Biology Students in Europe "SymBioSE2007", oral presentation – Epiphytic bryophytes in Latvia, LUBF, Riga, Latvia.

EXPERT STATUS

Latvian Council of Science, expert (biology), Latvia.
European Commission expert

RESEARCH EXPEDITIONS LEAD BY THE RESEARCHER

2020.-	Several expeditions in forests, Latvia.
2016.-2019.	Research expeditions to Barro Colorado Island and Fortuna National Park in Panama, Panama.
2014	Bryological research expedition to Mordovia Nature Reserve, Russia. Funded by Mordovia Nature Reserve.
2012	Bryological and lichenological expedition to Bashkiria National Park, Bashkiria, Russia. Funded by EU Triple I programme for postdoctoral studies.
2009 – 2010	Research expeditions to different forest habitats in Oregon, California, North Carolina, Washington, USA. Funded by Fulbright Scholarship.
2010	Research expedition to Western Canada, Canadian Rockies forest habitats. Funded by the Fulbright Scholarship.
2004 – 2015	Several expeditions in Latvian forest habitats, Latvia. Funded by the Latvian Science Council, European Social Fund scholarships, Riga City Council.
2016-2019	Barro Colorado Island, Panama, Marie Skłodowska Curie Action, Horizon 2020 framework Programme of the European Union

MAJOR INTERNATIONAL COLLABORATIONS

2016 – today	PhD Steffen Caspari, Germany. Bryophyte distribution and conservation.
2016-today	Maaike Y Bader, topic "Life on a leaf: species interactions and community dynamics in epiphyll communities".
2016-today	Noris Salazar Allen, topic "Life on a leaf: species interactions and community dynamics in epiphyll communities".
2013	Irina Urbanavichiene, topic "Epiphytic lichen and bryophyte comparative analysis and ecology on the distribution border of broad-leaved forests in Latvia and Russia", Komarov Botanical Institute of the Russian Academy of Sciences, Russia.
2011-2012	Denis Mirin, Erasmus Mundus Triple I postdoctoral project "Epiphytic bryophyte and lichen distribution and ecology in relation to West – East gradient", Department of Geobotany and Plant Ecology, Faculty of Biology, Saint Petersburg State University, Russia.
2010 – 2011	Bruce McCune, topic "Epiphytic bryophyte and lichen ecology in temperate forest ecosystems", Department of Botany and Plant Pathology, Oregon State University, USA.
2010	David Long, SYNTHESYS project „Experience gain in bryophyte species identification methods – barcoding liverworts Marchantia", Royal Botanical Garden, Scotland, Great Britain.
2009	Christian Printzen, project "Lichen identification using chemical method", Senckenberg Nature History Museum, Biodiversity and Climate Research Center, Germany.

ORGANISING SCIENTIFIC MEETINGS

3-12.7.2023	International Bryology Summer School: from bryophyte identification to practical use 2023, Daugavpils University (16 participants), Ilgas, Daugavpils, Latvia.
1.-7.8.2022	International Bryology seminar 2022, Ilgas, Daugavpils University (30 participants from 9 countries, students, scientists, practitioners). Daugavpils, Latvia.
20.-29.09.2020	International Bryology Summer school: From Bryophyte identification to practical use (online). Daugavpils, Latvia (10 International students).
16.6.2014	The half year's General meeting of Research Institute for Regional Studies, Latvia. Organizing and participation (leading), 20 participants. Rēzekne, Latvia.
10.1.2014	The General meeting of Research Institute for Regional Studies, Latvia. Organizing and participation (leading, giving the presentation), 24 participants. Rēzekne, Latvia.
31.7.-7.8.2011	International Bryology Seminar in Pitagi, Latvia. The participation and organization of the event, 10 participants from Latvia, Great Britain and Ireland. Pitagi, Latvia.
15.-18.12.2008	PRIFOR Classics meeting in Alūksne, Latvia. Taking part in organizing the event, giving the presentation, 30 participants from Great Britain, Latvia, Finland, France, Sweden, Norway, Russia.

INSTITUTIONAL RESPONSIBILITIES

2022-today	Senator of the Daugavpils University Senate.
2016.-today	Member of the Doctoral board (Daugavpils University, Latvia).
2015 -	Head of the the Latvian bryological goup in Latvian Botanical Society (LBS)
2013-2015	Member of RHEI Scientific Council.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES AND NETWORKS

LBS – Latvian Botanical Society, member of the board in 2007-2009, supervisor of the Latvian Bryophyte group.
BES – Member of British Ecological Society.
IAB – International Association of Bryologists (USA), member.
BBS – British Bryological Society (Great Britain), member.
ABLS – American Bryological and Lichenological Society (United States of America), member.
IRN COLD FORESTS – International research network, member

PUBLICATIONS

In International peer-reviewed journals, cited in databases:

Mežaka A., Irbe I., Plaksenkova I., Nitcis M., Krivmane B., Ruņģis D. 2023. Rare epiphytic bryophyte *Dicranum viride* (Sull. & Lesq.) Lindb. spatial patterns in boreo-nemoral forest landscape. *Nova Hedwigia*.116(3): 283-297

Mežaka A. 2023. Epiphytic bryophyte and lichen transplant niches in changed environments along an elevational gradient in Pacific Northwest coniferous forests. *American Journal of Botany*. 2-7.

Mežaka A., Irbe I., Stepanova D. 2023. Assessment of rare epiphytic liverwort transplantation method in *Populus tremula* forest. *Environment. Technology. Resources. Proceedings of the 14th Scientific conference*. Vol. 1: 136-139.

Ellis, L. T., Afonina, O. M., Ah-Peng, C., Álvaro Alba, W. R., Rojas, A. M. A., Arya, R., Bhandari, M., Burghardt, M., Callaghan, D. A., Cottet, A. C., Draper, I., Enroth, J., Etylina, A. S., Gabriel, R., Joshi, P., Kučera, J., Lara, F., Mateo Jiménez, A. L., Messuti, M. I., **Mežaka A**., Mountoya J. V., Opamnis, A., Papp, B., Picanço, C. F. S., Reeb, C., Širka, P., Tewari, S. D., Tubanova, D. Ya., Villamarín, C. 2023. New national and regional bryophyte records, 72. *Journal of Bryology*, 1–6.

Allen N.S., Dauphin G., Villarreal J. C., Caswell C., Cox E.R., Espinoza B.A.P., Gudiño J.L., Hernández-Rodríguez E., Magaña-Marcial K. Y., **Mezaka A**., Ramírez-Román J.D., Rodríguez L., Carjaval A.R., Romero-Moreno C., Tomitani A. Zeballos-Grijalva K. 2022. Bryophytes of mangroves of Bocas del Toro, Panama. *Bryophyte Diversity and Evolution, 045*(1), 133–150. https://doi.org/https://doi.org/10.11646/bde.45.1.9

Evarte-Bundere G., Evarts-Bunders P., **Mežaka A**., Bojāre A. 2022. Alien trees and shrubs of Latvia evaluation of current status and invasiveness. *Forestry Studies* (accepted for publication).

Mežaka A., Salazar Allen N., Mendieta-Leiva G., & Bader M. Y. 2022. Life on a leaf: The development of spatial structure in epiphyll communities. *Journal of Ecology*, 110, 619–630.

Mežaka A., Strazdiņa L., Liepiņa L., Gerra Inohosa L. Jansons Ā., Nitcis M. 2022. Rare epixylic liverwort *Odontoschisma denudatum* occurrence and cover in relation to dead log and forest stand characteristics in coniferous forest landscape. *Nova Hedwigia*, 15(1-2): 65-78.

Mežaka A., Salazar Allen N., Mendieta-Leiva G., & Bader M. Y. 2021. Life on a leaf: The development of spatial structure in epiphyll communities. *Journal of Ecology*, 110, 619–630.

Mežaka A., Moisejevs R. & Nitcis M. 2021. The main drivers for the occurrence of six red-listed epiphytic bryophytes and lich ens in the boreo-nemoral forest landscape, Latvia. *Folia Cryptogamica Estonica*, 58: 229–241.

Mežaka A., Plaksenkova I., Vanaga A., Petrova A. & Svilāne I. 2021. Preliminary study of moss Homalia trichomanoides (Hedw.) Brid. gametophyte development from spores in vitro. Acta *Biologica Universitatis Daugavpiliensis*, 21 (1): 1 – 8.

Mežaka A., Stepanova D., Evarts-Bunders P. 2020. Epiphytic bryophytes in Latvian manor parks. *Arctoa* 29:(1)195-200.

Mežaka A., Bader Y. M., Salazar Allen N. Glenda Mendieta Leiva G. 2019. Epiphyll specialization for leaf and forest successional stages in a tropical lowland rainforest. *Journal of Vegetation Science*, 31:118-128.

Mežaka A., Kirillova J. 2019. Epiphytic bryophytes and lichens and their functional trait relationships with host characteristics in the Lūznava Manor Park. *Acta Biologica Universitatis Daugavpiliensis*, 19 (2):

241 – 251.

Mežaka A., Liepiņa L., Strazdiņa L., Oļehnoviča E., Piterāns A. 2018. Bryophyte and lichen distribution in urban forests of Riga city limits. *Acta Biologica Universitatis Daugavpiliensis*, 18 (2): 255 – 271.

Mežaka A., Auniņa L., Bambe B., Kukāre I., Kluša J., Liepiņa L., Opmanis A., Oļehnoviča E., Pakalne M., Strazdiņa L., Suško U. 2018. Bryophytes in the southern part of Lielie Kangari Nature reserve, central Latvia. *Acta Biologica Universitatis Daugavpiliensis*, 18 (2): 243 – 253.

Mežaka A., Priede A., Dobkeviča L., Bader Y. M. 2018. Environmental controls of raised-bog vegetation in the Baltic boreo-nemoral zone. *Folia Geobotanica*. 53:1-15.

Czernyadjeva I. V., **Mežaka A**., Potemkin A, D. 2017. Bryophytes of Mordovia State Nature Reserve (European Russia). *Folia Cryptogamica Estonica* 54:71-81.

Moisejevs R., Puzule V., Piterāns A., **Mežaka A**. 2017. New record of *Usnea florida* (L.) Weber ex F.H. Wigg. (1780) in Latvia with notes on species distribution in Latvia. *Acta Biologica Universitatis Daugavpiliensis*, 17 (2): 217 – 220.

Priede, A., **Mežaka**, **A**. 2016. Invasion of the alien moss *Campylopus introflexus* in cutaway peatlands. – *Herzogia* 29: 35–51.

Priede A., **Mežaka A**., Dobkeviča L., Grīnberga L. 2016. Spontaneous revegetation of cutaway fens: Can it result in valuable habitats? *Mires and Peat* 18(6): 1-14.

Ellis L. T**….Mežaka A**…. Zubel R. 2015. New national and regional bryophyte records, 45. *Journal of Bryology* 37(4):308-329.

Mežaka A., Putna S., Erta I. 2015. Evaluation and long-term conservation perspectives of woodland key habitat bryophyte and lichen indicators in Latgale. *Environment. Technology. Resources. Proceedings of the 10th International Scientific and Practical Conference*. 2: 197-201.

Mežaka A., Potemkin A.D. 2015. New liverwort records from Mordovia Republic. In: Sofronova E.V. (ed.) New bryophyte records. 4. *Arctoa* 224-264.

Jurciņš D., **Mežaka A**., Strazdiņa L., Gerra-Inohosa L., Perševica, Piterāns A. 2014. Refound of extinct lichen *Lobaria amplissima* (Scop.) Forssell in Latvia. *Acta Biologica Universitatis Daugavpiliensis*, 14 (1): 59–65.

Mežaka A. 2014. Transplantation experiments with *Neckera pennata* and *Lobaria pulmonaria* in nemoral woodland key habitat and managed forest. *Folia Cryptogamica Estonica* 51: 61–66 (2 times).

Putna S., **Mežaka A**. 2014. Distribution of five interesting woodland key habitat bryophyte indicator species in Latvia. *Acta Biologica Universitatis Daugavpiliensis*, 14 (1): 67–74.

Putna S., **Mežaka A**. 2014. Preferences of epiphytic bryophytes for forest stand and substrate in North-East Latvia. – *Folia Cryptogamica Estonica* 51: 75–83.

Baisheva E. Z., **Mežaka A**., Shirokikh P. S., Martynenko V. N. 2013. Ecology and distribution of *Dicranum viride* (Sull.& Lesq.) Linb. (Bryophyta) in the Southern Ural Mts. *Arctoa* 22: 41-50.

Mežaka A., Potemkin A. D., Urbanavichene I. N., Urbanavichus G.P. 2013. New liverwort record from Mordovia Republic. 1. In: Sofronova E. V. (ed). New bryophyte records 2. *Arctoa* 22: 247.

Ellis *L.T.*, ….**Mežaka A.**…. 2013. New national and regional bryophyte records, 36. *Journal of Bryology* 36(3): 228-238.

Urbanavichene **I.,** Urbanavichus **G., Mežaka A.,** Palice **Z. 2013.** New records of lichens and lichenicolous fungi from the Southern Ural Mountains, Russia. II. *Folia Cryptogamica Estonica* 50: 73–80.

Ellis L.T., …**Mežaka A**., …2012. New national and regional bryophyte records. 32. *Journal of Bryology* 32(3): 231-246.

Mežaka A., Brūmelis G., Piterāns A. 2012. Tree- and stand-scale factors affecting richness and composition of epiphytic bryophytes and lichens in deciduous woodland key habitats. *Biodiversity and Conservation*, 21(12): 3221-3241.

Mežaka A. Brūmelis G., Piterāns A. Printzen C. 2012. Distribution of Lepraria in Latvia in relation to tree substratum and deciduous forest type. *Annales Botanici Fennici* 49:162-170.

Mežaka A., Suško U., Opmanis A. 2011. Distribution of *Schistostega pennata* in Latvia. *Folia Cryptogamica Estonica*, 48:59-63.

Mežaka A., Brūmelis G., Piterāns A. 2010. Epiphytic bryophyte and lichen communities in relation to tree and forest stand variables in *Populus tremula* forests of south-east Latvia. *Acta Biologica Universitatis Daugavpiliensis* Suppl. 2: 1-8.

Mežaka A., Brūmelis G., Piterāns A. 2008. The distribution of epiphytic bryophyte and lichen species in relation to phorophyte substrate in Latvian natural old-growth broad leaved forests. *Folia Cryptogamica Estonica*, 44:89-99.

Mežaka A., Znotiņa, V. 2006. Epiphytic bryophytes in old growth forests of slopes, screes and ravines in north-west Latvia. *Acta Universitatis Latviensis* 710: 103-116.

Mežaka A., Znotiņa V., Piterāns A. 2005. Distribution of epiphytic bryophytes in five Latvian natural forest stands of slopes, screes and ravines. *Acta Biologica Universitatis Daugavpiliensis,* 5(2): 101-108.

Other scientific publications

Mežaka A., Plaksenkova I., Vanaga A., Petrova A., Svilāne I. & Urbanavichene I. 2021. Preliminary study in moss growth culture experiment from spores. *Briologiceskoe raznoobrazie i introdukcija rasteni,* Saint Petersburg, 113-116.

Mežaka A., Ryabcev I. S., Ryabceva I. M. & Urbanavichene I. N. 2021. Lichen transplantation method success in temperate forests: case studies in Russia and Latvia. Proceedings of the Mordovia State nature Reserve. 27: 236-243.

Hodgetts N.,…….**Mežaka A.**, ... J. Żarnowiec J. (2019). *A miniature world in decline*. IUCN, Brussels, Belgium.

Klavina L., Springe G., Steinberga I., **Mezaka A**, Ievinsh G. 2018. Seasonal changes of chemical composition in boreonemoral moss species. *Environ Exp Biol* 16: 9-19.

Czernyadjeva I.V., **Mežaka A. 2016**. Bryoflora of the Linden forests of the Mordovian State nature Reserve. *Trudi Mordovskovo gosudarstvennovo prirodnovo zapovednika imenji P.G. Smidovica* 17: 219–230. (In Russian).

Mežaka A. 2015. *Dicranum viride* – redkii i novii vid listostbeljnovo mha dlja Mordovskovo zapovednjika. *Trudi Mordovskovo gosudarstvennovo prirodnovo zapovednika imenji P.G. Smidovica* 14: 416-418. (In Russian).

Hapugin A.A., Vargot E., **Mezaka A**., Chugunov G.G. 2015. Novinki flori Mordovskovo gosudarstvennovo zapovednjika im. P.G. Smidovica. *Trudi Mordovskovo gosudarstvennovo prirodnovo zapovednika imenji P.G. Smidovica*. 14: 430-433. (In Russian).

Andrejeva E. N., **Mežaka A**., Potemkin A.D. 2012. New and rare species of bryophytes for the territory of St. Petersburg. Bryophytes. *Novoskji sistjematjiki njizshih rastjenjij*. 46: 227-234.

Mežaka A., Strazdiņa L., Madžule L., Liepiņa L., Znotiņa V., Brūmelis G., Piterāns A., Hultengren S. 2009. Bryophyte and lichen flora in relation to habitat characteristics in Moricsala Nature Reserve, Latvia. *Latvijas veģetācija* 18:65-88.

Mežaka A., Strazdiņa L., Brūmelis G., Piterāns, A. 2008. Epifītu flora un ekoloģija Dārznīcas pilskalnā (Flora and ecology of epiphytes in Darznica castle mound), (in Latvian, English summary). *Latvijas veģetācija* 16: 19-34.

Published databases:

Anna Mežaka. (2023). Epiphytic bryophyte and lichen transplant dataset, Oregon, USA [Data set]. Zenodo. https://doi.org/10.5281/zenodo.7986931

Mežaka A. 2021. Database about in Daugavpils University website about red-listed lichen and bryophyte data: https://du.lv/en/datubazu-analize-2/ (Mežaka, A., Moisejevs, R., & Nitcis, M. (2021). The main drivers for the occurrence of six red-listed epiphytic bryophytes and lichens in the boreo-nemoral forest landscape , Latvia. Folia Cryptogamica Estonica, 58, 229–241.).

Mežaka, **Anna**; Salazar Allen, Noris; Mendieta-Leiva, Glenda; Bader, Maaike Y. (2021). Life on a leaf: the development of spatial structure in epiphyll communities [Dataset]. Dryad. https://doi.org/10.5061/dryad.0cfxpnw3v

Mežaka, Anna; Bader, Maaike Y.; Salazar Allen, Noris; Mendieta Leiva, Glenda (2019). Data from: Epiphyll specialization for leaf and forest successional stages in a tropical lowland rainforest [Dataset]. Dryad. https://doi.org/10.5061/dryad.q83bk3jdh

LANGUAGE SKILLS

Latvian – mother tongue
English – very good (C1 level, passed TOEFL, GRE tests)
Russian – good
German – A1-1 level (certificate)
Spanish – Intermediate level (certificate)

EXPERIENCE WITH DATA ANALYSIS SOFTWARES

R, SPSS, Canoco for Windows, PCord, Past, Arcpad, Arcmap, Collector

PARTICIPATION IN IMPORTANT INTERNATIONAL CONFERENCES

7.-10.6.2022. 5th conference eof Nordic Society OIKOS: Ecology and Evolution for a changing world. Poster presentation: Lesson from the transplantation experiments: does rare epiphytes see substrate or forest stand in boreo-nemoral forests? Aarhus, Denmark.

9.-13.5.2022 30th Conference of the European Vegetation Survey: Plant communities in changing environment. Oral presentation: Importance of forest characteristics in rare epiphytic bryophyte and lichen occurrence within boreo-nemoral landscape. Plant Science and Biodiversity Center SAS, Bratislava, Slovakia.

12.-13.5.2021. XIX International conference of students and young scientists "Shevchenkivska vesna: Bioscience Advances". Moss functional traits in black alder swamp forests: case study. Kyiv, Ukraine.

10.-13.12.2019. British Ecological Society Annual meeting. Epiphyll community spatial structure and dynamics in a tropical lowland rainforest (Oral presentation). Belfast, United Kingdom.

24.-26.7.2019. 22nd Symposium of Cryptogamic Botany. Spatial dynamics within epiphyll communities in a tropical lowland rainforest (Oral presentation). Lisbon, Portugal.

8.-12. 7.2019. International Bryology Conference. "The development of spatial structure in epiphyll communities in a tropical lowland rainforest" (oral presentation). Madrid, Spain. https://bryo64.wixsite.com/epidyn/presentations

26.-28.03.2018. European Conference of Tropical Ecology. Changes in the composition of epiphyllous communities with leaf age, host species and microclimate in a tropical lowland rainforest (oral presentation). Paris, France.

23.2.2018. Smithsonian Tropical Research Institute Fellow Symposium. "Environmental dependencies of epiphyll community composition in a tropical lowland forest" (oral presentation). Panama, Panama.

14.-26.08.2017. Presentation of the project results at STRI course "Taxonomy and bryology of Tropical Bryophytes". "Epiphyll dynamics in relation to environmental variables in Barro Colorado Island" (oral presentation). Bocas del Toro, Panama.

25.-29.07.2015 Botany 2015. Science and plants for people. Edmonton. "Vegetation response to physical and chemical variables in raised bog ecosystems: case study from Latvia" (oral presentation). Edmonton, Alberta, Canada.

24.-26.06.2012 International bryological conference, dedicated to 100 year anniversary of R.N. Schljakov."Tree and stand level factors determining the distribution of epiphytic bryophytes in deciduous woodland key habitats" (oral presenatation). Apatiti, Murmansk, Russia.

12.08.2012 Northern Primeval Forests, Ecology, Conservation & Management. "Importance of tree and forest stand level factors in relation to epiphytic cryptogam communities in Latvian old-growth deciduous forests" (oral presentation). Sundsvall, Sweden.

25.03.2010 North West scientific association 82nd annual meeting. Lichenology session. "Epiphytic cryptogam ecological characteristics in European hemiboreal forests, Latvia" (oral presentation). Centralia, Washington State, USA.

19.04.2008 4th International Biology Students Conference (InBisCo)."Transplantation experiments of moss *Neckera pennata* and lichen *Lobaria pulmonaria* in old-growth forest and managed deciduous forest, Latvia" (oral presentation). LUBF, Riga, Latvia.

23.-28.07.2007 World conference of Bryology. "Flora and ecology of epiphytic bryophytes in old-growth slope, scree and ravine forests Latvia, Europe (poster presentation).Crystal Crown hotel, Kuala Lumpur, Malaysia.

21.-25.11.2005 Conservation Ecology of Cryptogams, poster presentation. "Epiphytic bryophyte distribution in natural Latvian forests of slopes, screes and ravines" (poster presentation). Bispgården, Sweden.

PATENT

LU patent. L. Liepiņa, V. Nikolajeva, A. **Mežaka,** G. Krūmiņa. Bryophyte *Lophocolea heterophylla* or their substance using in washing material compositions. Application Nr. P-07-140, 07.12.2007. Patent Nr. LV13815.

SCIENCE FOR GENERAL PUBLIC

Demonstration of bryophytes and lichens to general public during Researcher's night activities in Latvia in 2008, 2009, 2010, 2012, 2014, 2015, 2021, 2022.

Life on a leaf:
Introducing bryophytes and lichens to International and local tourists on Barro Colorado Island, to local and International students, Panama:
https://bryo64.wixsite.com/epidyn/public-engagement
Press release for general public:
In Panama in English and Spanish:
https://stri.si.edu/story/life-leaf
https://twitter.com/stri_panama/status/1011657926044475393
https://www.facebook.com/PuntaCulebra/posts/10156627170664835?__tn__=-UC-R
https://www.laestrella.com.pa/cafe-estrella/planeta/180624/vida-hoja-detras-bosque-tropical
In Germany in German:
https://www.abitur-und-studium.de/Blogs/Universitaet-Marburg/Biogeografinnen-testen-Theorien-ueber-Biodiversitaet
Participation in British Ecological society conference press release in Latvian:
https://du.lv/daugavpils-universitates-dzivibas-zinatnu-un-tehnologiju-instituta-vadosa-petniece-dr-biol-anna-mezaka-prezenteja-petijumu-prestiza-starptautiska-britu-ekologijas-biedribas-konference/

Bryology Summer School
Video about bryophytes to general public:
https://www.youtube.com/watch?v=z0BSGPE5Mzc
https://www.facebook.com/Bryology-Summer-School-From-Bryophyte-Identification-to-Practical-Use-114015136827883/

Epiphytic bryophytes and lichens in Latvian manor parks:
Talk at the Latvian national radio:
https://www.lsm.lv/raksts/dzive--stils/vide-un-dzivnieki/latvijas-muizu-parkos-peta-sunas-un-kerpjus.a360049/

Fulbright programme experience in research in Latvian:
https://www.lu.lv/par-mums/lu-mediji/zinas/zina/t/1957/

SOCIAL VISIBILITY

Participation as an expert in **Nature Conservation plan implementation**. **Recommendations** to the Nature Conservation agency for the environmental friendly habitat management. Interviews with national radio and television and press about the importance of the bryophyte and lichen research to the general public.
Life on a leaf:
https://bryo64.wixsite.com/epidyn/public-engagement

Bryology Summer School:
Project homepage:
https://du.lv/en/bryology-summer-school-from-bryophyte-identification-to-practical-use-2020/
Press release for general public about finishing the Bryology Summer School:
http://sciences.lv/veiksmigi-noslegusies-pirma-briologijas-vasaras-skola-latvija-tiessaiste/

Epiphytic bryophytes and lichens in Latvian manor parks:
Project description and importance to the biodiversity conservation in Latvian:
http://travelnews.lv/?pub_id=122271
https://preili.lv/203267/preilu-parka-peta-sunas-un-kerpjus/
https://m.facebook.com/story.php?story_fbid=2636502009783459&id=281993251901025&__tn__=H-R
https://www.facebook.com/vadakstesmuiza/posts/690345165158626/

Rare lichen record, publication in Latvian Social media:
http://lat.46.lv/ru/REZEKNES_ZINAS/12/11026/RA_docente_atklaj_jaunu_atradni_retam_kerpim_Ziemellatg

ale
https://dabasdati.lv/lv/article/jauna-atradne-retam-kerpim-ziemellatgale/2015/
https://twitter.com/dabasdati/status/677848278919217152
https://www.diena.lv/raksts/latvija/zinas/uzieta-jauna-retas-kerpju-sugas-atradne-14123482

New bryophyte records in Latvia:
https://www.valmieraszinas.lv/gaujas-nacionalaja-parka-atklata-latvija-jauna-sunu-suga/
https://www.reitingi.lv/lv/news/izglitiba/56886-briologu-seminara-laika-latvija-atklaj-cetras-jaunas-sunu-sugas.html
https://www.delfi.lv/news/national/politics/briologu-seminara-laika-latvija-atklaj-cetras-jaunas-sunu-sugas.d?id=40030167

Project about bryophytes and lichens in Riga city limits forest.
Popular science in Latvian (pages 40-41):
http://www.videsvestis.lv/wp-content/uploads/2016/11/VV_2014_147.pdf

Bryophyte book for general public in Latvian:
https://www.botanika.lu.lv/fileadmin/user_upload/lu_portal/botaniskais/2019/PAR_MUMS/AUGI/LV_FLORA/sunu_celvedis_jpg/Ievads.pdf

News about bryophytes in Latvia facebook page in Latvian:
https://www.facebook.com/SunasLatvija/posts/1235462326468929/

Volunteer in Children's home in Mežaparks, Riga, Latvia, December 2010.

Talsi TV interview about International bryology seminar in Pītagi, Sliteren National Park in Latvian (August, 2011).
Several times guest at Latvian radio about bryophyte research in Latvia.
Guest at the Latvian Television about bryophytes in Kaļķupe Nature Reserve (2005).

TEACHING ACTIVITIES

2020-	Visiting Associate professor. Protistology. Biology. Bachelor programme. Biodiversity study Field methods. Biology. Master programme. Daugavpils University, Daugavpils, Latvia.
2020	Supervisor and faculty. Bryology Summer School. Online course. International Bachelor, Master and PhD students. Daugavpils University, Daugavpils, Latvia
2019	Teaching bryophyte field course, Marburg University for Bachelor and Master students.
2018	Leading and teaching in field course for Master and PhD students about cryptogams on Barro Colorado Island. Organization for Tropical Studies. Panama, Panama.
2018	Lecture about Bioindication for Master students, Panama Technological University. Panama, Panama.
2014 – 2015	Visiting lecturer in BSc professional study programme, study course Introduction to Ecotourism. Introduction to Botany. Introduction to Ecology. Faculty of Economics and Management. RHEI.
2014 - 2015	Visiting lecturer, PhD study course "Methods in Bioindication", Faculty of Engineering, RHEI, Latvia.
2015	Teaching bryophytes and lichens to Liepu preliminary school pupils during the environmental project at Ozolaine district, Rezekne region, Latvia.
2013	Lecturer in MSc study course "Bioindication. Lichenoindication", LUBF.
2012	Lecturer in BSc study course "Practice in species biology", Department of Geobotany and Plant Ecology, Faculty of Biology, Saint Petersburg State University, Russia.
2011, 2014	Teacher for pupils preparing for International Biology olympiad. RHEI, Latvia.
2010	Visiting faculty in Graduate level study course "Bryology", Department of Botany and Plant Pathology, Oregon State University, USA.
2010 – 2011	Visiting lecturer in BSc study courses "Botany" for pharmacy students, "Introductory Biology", "Botany" for biology students, LUBF, Latvia.
2008-2013	Lecturer in field study course "Bryophyte and Lichen Ecology and Systematics", Latvia. LUBF, Latvia.

13.-16.10.2008	Teacher in “Woodland key habitat expert calibration seminar”, Alūksne district, Ziemeru parish, Latvia.
2006 - 2009	Lecturer in BSc study courses Practical Ecology (multivariate statistics), General Ecology, Field course in Botany and Ecology I, II for Biology students, LUBF, Latvia.