Lukas Petrulaitis

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2019 – 2023	Vilnius University, Nature Research Centre, PhD in Ecology and environmental sciences. PhD thesis topic: "Comparative Assessment of the Biological and Ecological Traits Determining the Invasiveness of Alien *Cornus* Taxa in Lithuania". Research was carried out at the Institute of Botany, Laboratory of Flora and Geobotany.
2015 – 2017	Vilnius University, Botany / Master studies (Magna Cum Laude) Master thesis topic: "Diversity, distribution and population structure of the genus *Symphyotrichum* in Lithuania". Research was carried out at the Institute of Botany, Laboratory of Flora and Geobotany. Research area: population structure, phytocenology, traits that lead to naturalization
2015 – 2017	Šiauliai University, Ecology and environmental sciences / Bachelor studies. Thesis topic: "Diversity, ecology and distribution of the genus *Symphyotrichum* in Lithuania". Research was carried out at the Institute of Botany, Laboratory of Flora and Geobotany. Research area: alien species, taxonomy; identification of critical taxa, morpohmetry.

PROFESSIONAL EXPERIENCE

2024 10 – present	**Researcher** Laboratory of Flora and Geobotany
2023 02 – 2024 10	**Junior Researcher** Laboratory of Flora and Geobotany, Institute of Botany
2019 01 – 2022 12	**PhD student** Laboratory of Flora and Geobotany, Institute of Botany
2016 05 – 2023 02	**Biologist** Laboratory of Flora and Geobotany, Institute of Botany

RESEARCH INTERESTS

Population and distribution studies of native and alien species, experimental development work in the areas of invasive plant control and conservation of protected plant species. The object of research is alien and rare plant species, both in terrestrial and aquatic ecosystems. Also, taxonomically complex genera in Lithuania and neighbouring countries, characteristics of alien and

local woody plants, that determine their establishment in the southern part of the European hemiboreal. Aquatic plants as bioindicators of river ecological status. Vegetation of waterbodies: ponds, quarries, lakes, rivers.

PUBLICATIONS

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

1. Gudžinskas Z., **Petrulaitis L.**, Žalneravičius E. 2019. *Asclepias speciosa* (Apocynaceae, Asclepiadoideae): a rare or unrecognized alien species in Europe? – *PhytoKeys* 121: 29–41.
2. Gudžinskas Z., **Petrulaitis L.**, Žalneravičius E. 2020. Emerging invasion threat of the liana *Celastrus orbiculatus* (Celastraceae) in Europe. – *NeoBiota* 56: 1–26.
3. **Petrulaitis L.**, Gudžinskas, Z. 2020. The first records of two alien woody species, *Cornus alternifolia* and *Cornus amomum*, in Lithuania. – *BioInvasions Records*, 9 (2): 384–392.
4. Gudžinskas Z., **Petrulaitis L.**, Taura L. 2021. *Asclepias syriaca* (Apocynaceae) and its invasiveness in the southern part of the Boreal region of Europe – evidence from Lithuania. – *BioInvasions Records* (10) 2: 436–452.
5. **Petrulaitis L.**, Rašomavičius V., Uogintas D., Gudžinskas Z. 2022. Soil Seed Bank of Alien and Native *Cornus* (Cornaceae) Taxa in Lithuania: What Determines Seed Density and Vertical Distribution in Soil? – *Diversity* 14 (6): 488.
6. **Petrulaitis L**, Gudžinskas Z., 2023. Drivers and Effects of Cryptic Invasion of *Cornus sanguinea* subsp. *australis* in Lithuania. – *Diversity* 15(1):107.
7. Sinkevičienė Z., Kamaitytė-Bukelskienė L., **Petrulaitis L.**, Gudžinskas Z., 2023. Current Distribution and Conservation Issues of Aquatic Plant Species Protected under Habitats Directive in Lithuania. – *Diversity* 15(2), 185.
8. Vilizzi L., Piria M., Pietraszewski D., Giannetto D., Flory S.L., Herczeg G., Baş Sermenli H., Britvec M., Jukoniene I., **Petrulaitis L.**, Vitasović-Kosić I., Almeida D., Al-Wazzan Z., Bakiu R., Boggero A., Chaichana R., Dashinov D., De Zoysa M., Gilles A.S. Jr, Goulletquer P., Interesova E., Kopecký O., Koutsikos N., Koyama A., Kristan P., Li S., Lukas J., Moghaddas S.D., Monteiro J.G., Mumladze L., Oh C., Olsson K.H., Pavia R.T. Jr, Perdikaris C., Pickholtz R., Preda C., Ristovska M., Slovák Švolíková K., Ševove B., Ta K.A.T., Uzunova E., Vardakas L., Verreycken H., Wei H., Yoğurtçuoğlu B., Ferincz Á., Kirkendall L., Marszał L., Paganelli D., Stojchevska C., Tarkan A.S., Yazlık A. Development and application of a second-generation multilingual tool for invasion risk screening of non-native terrestrial plants. *Science of the Total Environment.* (917): 170475.
9. Walusiak E., Cieślak E., Wilk-Woźniak E., Szczepaniak M., Herrmann A., **Petrulaitis** L., Rašomavičius V., Uogintas D., Krztoń W., 2024. A wide range of abiotic habitat factors and genetic diversity facilitate expansion of *Trapa natans* within its native range. *Journal of Environmental Management*. 370: 122468
10. **Petrulaitis L**. 2025. First record of non-native woody species *Amelanchier ×lamarckii* (Rosaceae) in Lithuania. – *BioInvasions Records*. 14(1): 19-30. https://doi.org/10.3391/bir.2025.14.1.03
11. Vilizzi L, Piria M, Pietraszewski D, Yoğurtçuoğlu B, Almeida D, Al-Wazzan Z, Atique U, Boggero A, Duniš L, Goulletquer P, Herczeg G, Jukonienė I, Kopecký O, Koutsikos N, Koyama A, Kvach Y, Li S, Lukas J, Malmstrøm M, Marszał L, Mendoza R, Monteiro JG, Perdikaris C, **Petrulaitis L,** Pickholtz R, Preda C, Simonović P, Slovák Švolíková K, Špelić I, Ševove B, Suresh VR, Ualiyeva D, Vardakas L, Verreycken H, Vila-Gispert A, Wei H, Yazlık A, Zięba G, Giannetto D. (2025) To be, or not to be, a non-native species in non-English languages: gauging terminological consensus amongst invasion biologists. *Management of Biological Invasions* 16: 15–31, https://doi.org/10.3391/mbi.2025.16.1.02

12. Uogintas D, **Petrulaitis L**, Kitrytė N, Šimanskaitė V (2025) KELVEG – Roadside Vegetation of Lithuania. Vegetation Classification and Survey 6: 129-130. https://doi.org/10.3897/VCS.151991
13. Vilizzi, L., Suresh, V. R., Giannetto, D., Hill, J. E., Daniel, W. M., Monteiro, J. G., Edsman, L., Elmi, H. Sh. A., Awale, A. I., Najafi-Majd, E., Mammadov, R., Andriyono, S., Djumanto, Azmai, M. N. A., Saba, A., Kalamujić Stroil, B., Adrović, A., Vila-Gispert, A., Boix, D., Kopecký, O., Pavlů, V., Milošević, D., Caković, D., Holbech, H., Lundgreen, K., Lukas, J., Ahnelt, H., Linnamägi, M., Rohtla, M., Almeida, D., Mendoza, R., Fuentes Parada, N., Gilles, A. S. Jr, Pavia, R. T. D. Jr, Knudsen, E., Hansen, L. J., Goulletquer, P., Curd, A., Špelić, I., Jónsson, J. E., Thráinsson, H., Boggero, A., Pupins, M., Škute, A., **Petrulaitis**, **L**., Jukonienė, I., Herczeg, G., Ferincz, Á., Verreycken, H., Leuven, R. S. E. W., Malmstrøm, M., Velle, G., Makhkamov, T., Yuldashev, A., Pietraszewski, D., Marszał, L., Canning-Clode, J., Pasuch de Camargo, M., Preda, C., Memedemin, D., Bakiu, R., Bakiu, S., Slovák Švolíková, K., Ševove, B., Duniš, L., Kristan, P., Simonović, P., Dekić, R., Puntila-Dodd, R., Jauni, M., Olsson, K. H., Ta, K. A. T., Bui, T. D., Yoğurtçuoğlu, B., Ağdamar, S., Yuldashov, B., Khydyrov, P., Vardakas, L., Koutsikos, N., Perdikaris, C., Lukashanets, D., Borodin, O., Uzunova, E., Dashinov, D., Lazkov, G., Ganybaeva, M., Ualiyeva, D., Zharmukhametova, R., Ristovska, M., Cvetkovska Gjorgjievska, A., Ganbaatar, B., Khadbaatar, S., Panov, V. E., Marenkov, O., Saidov, N., Okhonniyozov, M., Kvach, Y., Yuryshynets, V., Arakelyan, M., Khachatryan, H., Mumladze, L., Japoshvili, B., Pickholtz, R., Gavriel, T., Atique, U., Altaf, M., Iqbal, S., Al-Wazzan, Z., Chebaane, S., Hamdard, M. H., Osmani, A. R., Moghaddas, S. D., Javidpour, J., Nashath, M., Abdullah, F., Sharma, H. P., Shrestha, B. B., Vibhakaran, V., Galib, S. M., Khan, Md. A. G., Epa, U. P. K., Cassim, N., De Zoysa, M., Chaichana, R., Kanongdate, K., Chan, N., Ko Ko, L. M., Dorji, J., Dorji, C., Inkhavilay, K., Somvongsa, C., Soben, K., Nida, Y., Tesfay, Y. B., Dullo, B. W., Oh, C., Park, Y., Li, S., Wei, H., Koyama, A., Isobe, A., & Piria, M. (2026). Global framework for communication of biological invasion risks. *Management of Biological Invasions*. 17, https://doi.org/10.3391/mbi.2026.17.1.01
14. Kondrat, K., Jerzyńska, P., Eichert, U., Szymkowiak, J., Hacket-Pain, A., Adami, T., Ascoli, D., Barczyk, M.K., Bertini, G., Bogdańska, M., Bonal, R., Caignard, T., Chianucci, F., De Cinti, B., Devetaković, J., Egan, S., Fadrhonsova, V., Fernández-Martínez, M., Foest, J.J., Fyllas, N.M., Gratzer, G., Grau-Andrés, R., Han, Q., Holík, J., Journé, V., Kaiser, J., Kalemba, E.M., Korakaki, E., Kunstler, G., Kölbl, A., Lula, M., van der Maaten, E., van der Maaten-Theunissen, M., Massonnet, C., Gavranović Markić, A., Mezzavilla, F., Mund, M., Mårell, A., Nagel, T.A., Nanos, N., Nussbaumer, A., Palaghianu, C., Pampuch, T., Petritan, I.C., Petritan, A.M., **Petrulaitis, L**., Popović, V., Roibu, C.C., Sazeides, C., Schmidt, W., Schuldt, B., Schulz, S., Sicuriello, F., Spyroglou, G., Stolz, J., Tsvetanov, N., Vacek, S., Vacek, Z., Venner, M.C., Venner, S., Verstraeten, A., Wambsganss, J., Weigel, R., Wilkinson, A., Wilmking, M., Zlatanov, T., Žemaitis, P., Bogdziewicz, M. No seed size–number trade-off in European beech: climate governs investment per seed. *New Phytologist*, https://doi.org/10.1111/nph.71248
15. Trottier LL, Lewerentz A, Brzozowski M, Bouma K, Brito L, Burke C, Dalla Vecchia A, Gilson A, Gyosheva B, Hoblyn A, Kenfack Voukeng SN, Liu Y, Misteli B, Papatheodoulou A, Pascual JA, **Petrulaitis L**, Plakias A, Smulders FOH, van der Zon KAE, Petruzzella A., 2026. Growing together: Early-career perspectives on the current state and future of macrophyte research. *Aquatic Botany,* https://doi.org/10.1016/j.aquabot.2026.104049
16. Kitrytė, N., **Petrulaitis L**., Šimanskaitė V., Uogintas D., 2026. Ticks (Acari: Ixodidae) in unfavourable conditions: countrywide study of roadsides in Lithuania. *Ticks and tick-borne* diseases (submitted)
17. von Lampe, F., Bergmeier, E., Šumberová, K., Bolpagni, R., Chepinoga, V., Chytrý, M., Dziuba, T., Felbaba-Klushyna, L., Garbolino, E., Golub, V., Güler, B., Hrivnák, R.,

Iemelianova, S., Jandt, U., Jenačković Gocić, D., Kamaitytė-Bukelskienė, L., Kłosowski, S., **Petrulaitis, L**., Podgórska, M., Sinkevičienė, Z., Stančić, Z., Swacha, G., Tomaselli, M., Vassilev, K., Willner, W., Landucci, F., 2026. Classification of European free-floating aquatic vegetation (*Lemnetea*) to the association level. *Vegetation Classification and Survey* (submitted)

18. von Lampe, F., Bergmeier, E., Šumberová, K., Boissezon, A., Bolpagni, R., Chepinoga, V., Chytrý, M., Ćušterevska, R., de Sanctis, M., Dziuba, T., Felbaba-Klushyna, L., Golub, V., Güler, B., Hrivnák, R., Iemelianova, S., Jandt, U., Jenačković Gocić, D., Kamaitytė-Bukelskienė, L., Kłosowski, S., **Petrulaitis L**., Podgórska, M., Sinkevičienė, Z., Stančić, Z., Tomaselli, M., Vassilev, K., Willner, W., & Landucci, F., 2026. Classification of European rooted aquatic macrophyte communities of the *Potamogetonetea* to the association level. *Vegetation Classification and Survey* (submitted)

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science" database (without citation index):

1. Gudžinskas, Z., **Petrulaitis, L**., Arlikevičiūtė, L., 2014. *Vaccinium macrocarpon* – a new alien plant species in Lithuania. Botanica Lithuanica. 20 (1): 41–45.
2. Gudžinskas, Z., **Petrulaitis, L**., 2014. *Helianthus grosseseratus* a new alien plant species in Lithuania. Botanica Lithuanica. 20 (2): 173–176.
3. Gudžinskas, Z., **Petrulaitis L**., 2016. New alien plant species recorded in the southern regions of Latvia. Botanica Lithuanica. 22(2): 153–160.
4. Gudžinskas Z., **Petrulaitis L**., Žalneravičius E. 2017. New woody alien plant species recorded in Lithuania. – *Botanica Lithuanica*, 23 (2): 153–168.
5. Gudžinskas Z., Žalneravičius E., **Petrulaitis L**. 2018. Assessment of the potential of introduction, establishment and further spread of invasive alien plant species of European Union concern in Lithuania. – *Botanica*, 24 (1): 37–48.
6. **Petrulaitis L**., Gudžinskas Z. 2018. What are we conserving? A case study of *Mentha longifolia* and allied species in Lithuania. – *Botanica*, 24 (1): 3–14.
7. Gudžinskas Z., **Petrulaitis L**. 2021. New alien taxa of the genus *Cornus* (Cornaceae) recorded in Lithuania and Latvia. – *Botanica*, 28 (1): 100–108.
8. **Petrulaitis L**. 2022. *Lotus maritimus* L. (Fabaceae), alien species new to Lithuania. – *Botanica*, 28 (1): 39–45.
9. **Petrulaitis** L., 2023. *Veronica peregrina* (Plantaginaceae), an alien species rediscovered in Lithuania. – Botanica, 29(2): 91–95.
10. **Petrulaitis L**., Perednė T., 2026: First record of alien species *Toxicodendron radicans* (Anacardiaceae) in Lithuania. – Botanica, 32(2): 100–107.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2026–	**Project coordinator** responsible for the development of action plans for the eradication of invasive plants. Planning and management of protected areas, maintaining the good condition of ecosystems, habitats and species throughout the territory of Lithuania.
2024–2027	**Project implementer** Modernizing and Optimizing Biomonitoring of Lithuania Rivers – LMT grant no. P-MIP-24-601
2023–2026	**Project implementer** Coexistence of native and alien plant and tick species along roadsides – LMT grant no. S-MIP-23-1

2022–2023	**Junior researcher** Investigations of the Status of Invasive and Alien Species in Lithuania.
2020–2022	**Biologist** Investigations of the Status of Invasive and Alien Species in Lithuania.
2018–2020	**Habitats specialist** Conservation of biodiversity in open wetland habitats of the LV-LT cross-border region applying urgent and long-term management measures.
2017–2018	**Assessor** 2017–2018 Analysis of unintentional introduction and spread of the invasive alien species of the EU Concern in Lithuania and identification of the priority introduction pathways, implementing the Regulation of the European Parliament and of the Council (1143/2014) on the Prevention and management of the introduction and spread of invasive alien species.
2016–2018	**Co-author** Preparation of the publication "Lithuanian Red Book".
2016–2018	**Assessor** Evaluation of protected animals, plants and mushrooms in Lithuania according to IUCN categories and preparation of species descriptions.

INTERNSHIP AND TRAINING

2026 03	GBIF Biodiversity Data Mobilization – standards, publishing and validation. Nature Research Centre, Vilnius, Lithuania.
2024 11	Introductory data analysis in R: a language and environment for statistical computing, Nature Research Centre, Vilnius, Lithuania.
2024 10	EMBO "Project Management" Vilnius University, Vilnius, Lithuania.
2024 09	AI Bootcamp for Researchers: From Data to Article Or Grant Proposal in 48 Hours – Lithuanian Research Council, Vilnius, Lithuania.
2024 04	DNA barcoding: from sequences to species – Norwegian University of Science and Technology, Trondheim, Norway.
2022 07	„Forest genetic monitoring ", Lithuanian Research Centre for Agriculture and Forestry (LAMMC), Kaunas, Lithuania.
2022 03	„Integrative Taxonomy in the big Data Era", Muséum national d'Histoire naturelle (MNHN), Paris, France.

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. **Petrulaitis L**., Gudžinskas Z. 2021. The structure and density of *Cornus* seeds in the soil seed bank in Lithuania. – „*The 63rd International Scientific Conference of Daugavpils University",* April 15–16, Daugavpils, Latvia.
2. Kamaitytė-Bukelskienė L., **Petrulaitis L**., Sinkevičienė Z. 2022. Recent distribution of *Najas minor* and *Najas flexilis* in Lithuania. – „*The 64th International Scientific Conference of Daugavpils University",* April 21–22, Daugavpils, Latvia. Book of Abstracts: 11.
3. **Petrulaitis** L., Gudžinskas Z. 2022. Ecology and invasiveness of the genus *Cornus* in Lithuania. – „*12th International Conference on Biological Invasions NEOBIOTA: Biological Invasions in a Changing World",* September 12–16, Tartu, Estonia. Book of Abstracts: 118.
4. **Petrulaitis** L., Gudžinskas Z. 2022. Silent invasion of *Cornus sanguinea* subsp. *australis* in Lithuania. – „*2nd International Conference on Botany and Mycology",* September 19–20, Sofia, Bulgaria. Book of Abstracts: 37
5. Uogintas D., **Petrulaitis L**., Kitrytė N., Šimanskaitė V., 2023. Coexistence of native and alien plant and tick species along roadsides: introduction to a project. *31st European Vegetation Survey*. 2023 May 21-25, Rome, Italy.
6. Zavatta L., Ranalli R., **Petrulaitis L**., Barberis M., Zenga E.L., Flaminio S., Lutovinovas E., Lazauskaitė M., Bortolotti L., Galloni M., 2024. Ecological dynamics of the invasive species *Erigeron annuus*: impact on pollinator communities and resource availability. *7th European Congress of Conservation Biology "Biodiversity positive by 2030*" 17-21 June 2024 – Bologna, Italy.
7. **Petrulaitis** L., Gudžinskas Z. 2024. Less productive, but successful. A case of *Cornus sericea* invasion in Lithuania. *International Conference Research and Practice in Forest Ecology*. Kórnik, Poland, May 8-10.
8. **Petrulaitis L**., Šimanskaitė V., Kitrytė N., Uogintas D., 2024. Functional diversity in roadside plant communities: a case study on the impact of alien species in Lithuania. „*13th International Conference on Biological Invasions NEOBIOTA.* Book of Abstracts Anastácio, P., Brandão, P., Chainho, P., Trindade, H. & Ribeiro, F. (Eds.). September 3–6, Lisboa, Portugal.
9. Uogintas D., **Petrulaitis L**., Kitrytė N., Šimanskaitė V., 2024. KELVEG - The Database of Roadside Vegetation in Lithuania. *International Association for Vegetation Science (IAVS)* 2024 Abstract Book. Funchal, Madeira, Portugal.
10. Ranalli R., Zavatta L., **Petrulaitis L**., Barberis M., Flaminio S., Lutovinovas E., Lazauskaitė M., Zenga E.L., D'Agostino M., Bortolotti L., Galloni M., 2024. Impatto della specie aliena invasiva *Erigeron annuus* (L.) Desf. (Asteraceae) sulle dinamiche di impollinazione negli ecosistemi europei. Gruppo Di Lavoro Per Le Specie Alloctone Riunione Scientifica e Amministrativa 2024, Orto Botanico di Roma, Roma, Italia.
11. **Petrulaitis L**., Osadčaja D., Baker N. J., 2025. Biological river monitoring as a conservation tool for macrophytes and invertebrates in Lithuania. *32nd International Congress for Conservation Biology* (*ICCB 2025*) 15-19 June, Brisbane, Australia.
12. Kitrytė N., Uogintas D., **Petrulaitis L.,** Šimanskaitė V., 2025. Greener roadsides, more ticks? Countrywide study of tick populations in roadside habitats. 11th Conference of the Scandinavian-Baltic Society for Parasitology. August 14–15, Reykjavík, Iceland.
13. Misteli B., Kaszta A., Roche Á., Llorente A., Ghojoghi A., Wächter A., Drost A., Estrada Fernández A., Espinosa Prieto A., Castelli A., Polst B., Robran B., Marius B., CanoBarbacil C., Doebke C., Gaudichet C., Morant D., Zelenka D., Niță D., Valentin D., Akbari E., Bisbal E., Baqué-Díaz E., Skřišovká E., Lüskow F., Kroth F., von Lampe F., Kanyongi H., Tenorio-Baigorria I., Hoppenreijs J., da Silva J. P., Ricardo J., Hary J., Németh K., Coulson

L., Fehlinger L., Haferkemper L., Schweiger L., Kamaitytė-Bukelskienė L., Novković M., Łaciak M., Ramírez-Valle M., Rodrigues Rocha Dias M., Mangold M., Wierzgoń M., Pedrón M., Amine M. M., Lanzas M., Jean M., Yegon M., Cotter M., Zinner N. R., Nguyen V. D. T., Maurer N. B., Díaz P., Balk P., Acharya P., Sedláčková R., Oester R., Löffler S., Martins S., Wentritt S., Heinrich S., Mari S., Mészáros T., Moser V., Verbényiné Neumann K., Manzanares-Vázquez V., Bernhard V., Ladnyik Z., Dalla Vecchia A., Vitillo C., Di Lernia D., Rotta F., Dory F., Consoli G., Zangari G., Pinzani L., Vulcano M. C., Zoppi M., D'Agostino M., Cingano P., Cannucci S., Fogazza T., Fiaschi T., Nava V., Oguesha A., Nyberg A., Papatheodoulou A., Kløw Askedalen B., Cremella B., de la Haye D., Nordström E., Cavey E., McMechan H., Wilfert K., Bouma K., Noort K., Rasse L., **Petrulaitis L.**, Baumane M., Huby M., Stamenković O., Enns S., Gervasio M. P., Pelella E., Spagnuolo D., Albani Rocchetti G., Lewerentz A., 2025. Tracking Aquatic Plant Phenology Across Europe: First Insights from the Fresh Project EUPHORIA. 14th Symposium for European Freshwater Sciences (SEFS 14), Bolu, Türkiye, 20–25 July 2025.

14. **Petrulaitis L.**, Osadčaja D., Baker N. J., 2025. Enhancing Macrophyte Monitoring in Lithuanian Rivers: Unveiling the Best Assessment Indices. The 17th International Symposium on Aquatic Plants: Back to the Future of Aquatic Plants and the Way Forward. 15-19 September 2025 in Lisbon, Portugal.
15. von Lampe, F., Bergmeier, E., Šumberová, K., Boissezon, A., Bolpagni, R., Chepinoga, V., Chytrý, M., Ćušterevska, R., De Sanctis, M., Dziuba, T., Felbaba-Klushyna, L., Garbolino, E., Golub, V., Güler, B., Hrivnák, R., Iemelianova, S., Jandt, U., Jenačković Gocić, D., Kamaitytė-Bukelskienė, L., Kłosowski, S., **Petrulaitis, L.**, Podgórska, M., Sinkevičienė, Z., Stančić, Z., Swacha, G., Tomaselli, M., Vassilev, K., Willner, W., & Landucci, F., 2026. Classification of European aquatic vegetation (*Lemnetea* and *Potamogetonetea*) to the association level. European Vegetation Survey. Clermont-Ferrand, France.
16. **Petrulaitis L**, Sinkevičienė Z, Kamaitytė-Bukelskienė L (2026) Is there a difference between communities of recent and long-established invasive species? Insights on *Elodea* in Lithuanian rivers. ARPHA Conference Abstracts 9: e201604. https://doi.org/10.3897/aca.9.e201604

National scientific conferences:

1. **Petrulaitis L.**, Gudžinskas Z., 2021. Biological traits of the genus *Cornus* that determine their naturalization in Lithuania. – *14th Conference of young researchers of Lithuania „Biofuture: perspectives of nature and life sciences*, November 24, Kaunas, Lithuania: 15.
2. **Petrulaitis L.**, Šimanskaitė V., Kitrytė N, Uogintas D., 2026. Roadside vegetation as a component of biodiversity in Lithuania. *Conference of Lithuanian herbological society*. March 19, Kaunas, Lithuania.
3. Mikailionytė L., **Petrulaitis L.**, 2026. Anthropogenic impacts on water bodies in agricultural landscapes. „Summer of Science with Lithuanian Research Council". August 26th, Vilnius, Lithuania.

Supervision of bachelor and master students:

Aušrinė Kviklytė	Bachelor thesis: Population and habitat diversity of the broad-leaved helleborine (*Epipactis helleborine* L.) in anthropogenic habitats in Lithuania (Vilnius University)	2022-2024
Tanita Perednė	Master thesis: Flora of alien plants species around Botanical gardens in Lithuania (Vilnius University)	2024-2026
Lėja Mikailionytė	Summer internship funded by Lithuanian Research Council "Anthropogenic impacts on waterbodies in agricultural landscapes" 2026-06-16 Nr. S-SV-26-124	2026 07 01-2026 08 30

Books

Gudžinskas Z., **Petrulaitis L.**, Uogintas D., Vaitonis G., Balčiauskas L., Rakauskas V., Arbačiauskas K., Butkus R., Karalius S., Janulaitienė L., Rašomavičius. Invasive and alien species in Lithuania – Vilnius: Nature Research Centre, 2023. – 312 p. iliustr. – ISBN 978-609-8255-32-4

Other professional activity:

From 2026	Nature Research Centre Academic Ethics Committee – Member
From 2025	Lithuanian Algologist Society – Member
From 2025	Freshwater Biological Association – Member
From 2025	Lithuanian Botanical Society – Board Member
From 2024	Nature Research Centre Council on Invasive species – Coordinator
From 2024	Nature Research Centre Early Career Researchers Committee – Member
From 2024	International Aquatic Plants Group – Member
From 2023	International Research Group on Charophytes – Member
From 2022	Council on Invasive Species to the Ministry of Environment – Member
From 2019	International Association for Open Knowledge on Invasive Alien Species (INVASIVESNET) – Member
From 2017	Eurasian Dry Grassland Group (EDGG) – Member
From 2025	Botanica Journal – Managing Editor