

Dr inż. Bożena Szewczyk-Taraneck



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Department of Ornamental Plants and Garden Art

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Consultation hours: Monday 10 -12AM, Wednesday 11.30AM-1PM

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Research interest: in vitro cultures of ornamental plants, propagation of perennials, horticultural therapy, therapeutic and sensory gardens, seasonal plants, balcony plant production, cut flowers vase life, logistics of ornamental plants

PhD (2007) Propagation methods of the common liverwort (*Hepatica nobilis* Schreb.)

Visiting Scholar: 2022 Mendel University in Brno, Faculty of Horticulture in Lednice, Czech Republic (researcher)

List of recent publications:

1. Rapacz, M., Szewczyk-Taraneck, B., Bani, I., & Marcinkowski, P. (2024). The fitness of pelargonium cuttings affects the relationship between the photochemical activity of the photosynthetic apparatus and rooting ability. *Scientific Reports* 14(1), 19716, 2024, <https://doi.org/10.1038/s41598-024-70790-z>
2. Heród, A., Szewczyk-Taraneck, B., & Pawłowska, B. (2024). Formulating evidence-based design guidelines for therapeutic gardens tailored to elderly populations: a synthesis of reminiscence and preference studies. *Acta Scientiarum Polonorum Hortorum Cultus*, 13–28. 2024, <https://doi.org/10.24326/asphc.2024.5303>
3. Kalisz, A., Włodarczyk, Z., Bieniasz, M., Smoleń, S., Neugebauerova, J., Szewczyk-Taraneck, B., Pawłowska, B. (2023). Petals of different ornamental rose cultivars as a rich source of bioactive compounds for functional foods. *Scientia Horticulturae*, 321, 112240, 2023, <https://doi.org/10.1016/j.scienta.2023.112240>
4. Pałka, P., Cioć, M., Hura, K., Szewczyk-Taraneck, B., & Pawłowska, B. (2023). Adventitious organogenesis and phytochemical composition of Madonna lily (*Lilium candidum* L.) in vitro modeled by different light quality. *Plant Cell Tissue and Organ Culture* 152(1): 99–114. 2023 <https://doi.org/10.1007/s11240-022-02391-5>
5. Janus, E., Szewczyk-Taraneck, B., & Smrokowska-Reichmann, A. (2022). Perceived functions of allotment gardens and their importance during the COVID-19 pandemic in Poland. *Folia Horticulturae* 34(1) 51–63. 2022 <https://doi.org/10.2478/fhort-2022-Folia Horticulturae 340006>
6. Heród, A., Szewczyk-Taraneck, B., & Pawłowska, B. (2022). Therapeutic horticulture as a potential tool of preventive geriatric medicine improving health, well-being and life quality – A systematic review. *Folia horticulturae* 34(1), 85–104. 2022, <https://doi.org/10.2478/fhort-2022-0008>