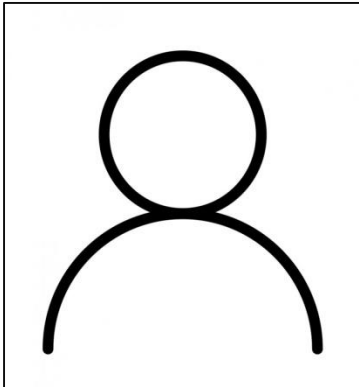


Jerzy Szwagrzyk, professor



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Consultation hours: everyTuesday 1¹⁵-2⁴⁵ PM

Research interest:

- vegetation dynamics
- plant population biology
- ecology of natural disturbances
- structure and dynamics of old-growth stands

Research experience:

Visiting Scholar

- College of Forestry, Washington State University, Seattle, USA, September-October 1992
- Institute of Ecosystem Studies, Millbrook, New York, USA, November 1992
- Department of Silviculture, Swedish University of Agricultural Sciences, Umea, Sweden, January-March 1995
- College of Forest Resources, Oregon State University, Corvallis, Oregon, USA, January - September 1999

DSc, (Habilitation) Modelling competition for light in mixed stands of complex structure

PhD: Natural regeneration of forest related to the spatial structure of trees: A study of two forest communities in Western Carpathians, southern Poland.

MSc dissertation: Classification of plant communities in the Potasznia valley, Beskid Sądecki range

Professional profiles:

ORCID: <http://orcid.org/....>

Research ID: <http://www.researcherid.com/rid/...>

Mendeley: <https://www.mendeley.com/profiles/...>

Research Gate: <https://www.researchgate.net/profile/...>

Academia: <https://agh.academia.edu/...>

Google Scholar: <http://scholar.google.com/citations...>

LinkedIn: <https://www.linkedin.com/in/...>

List of publications::(10 najważniejszych z 5 ostatnich lat)

1. **Szwagrzyk J.**, Gratzner G., Stępniewska H., Szewczyk J., Veselinovic B. 2015. High reproductive effort and low recruitment rates of European beech: Is there a limit for a superior competitor? *Polish Journal of Ecology* 63, 2: 198-212.
2. Sproull G. J., M. Adamus, M. Bukowski, T. Krzyżanowski, Szewczyk J., J. Statwick, **Szwagrzyk J.** 2015. Plot and Stand-level Patterns and Predictors of Norway Spruce Mortality Caused by Bark Beetle Infestation in the Tatra Mountains. *Forest Ecology and Management* 354: 261-271.
3. Sproull G. J., M. Adamus, Szewczyk J., G. Kersten, **Szwagrzyk J.** 2016. Fine-scale spruce mortality dynamics driven by bark beetle disturbance in Babia Góra National Park, Poland. *European Journal of Forest Research* 135: 507-517.
4. **Szwagrzyk J.**, Gazda A., Dobrowolska D., Chećko E., Zaremba J., Tomski A. 2017. Tree mortality after large-scale wind disturbance in a lowland forest differs among tree species more than among habitat types. *Forest Ecology and Management* 398: 174-184.
5. **Szwagrzyk J.**, Gazda A., Dobrowolska D., Chećko E., Zaremba J., Tomski A. 2018. Regeneration following windstorm disturbance in mixed species lowland forests in NE Poland. *Journal of Vegetation Science* 29 (5): 898-906.
6. **Szwagrzyk J.**, Gazda A., Maciejewski Z., Maciejewska E., Tomski A. 2018. Forest recovery in set-aside windthrow is facilitated by fast growth of advance regeneration. *Annals of Forest Science* 75 (3): 80. DOI: 10.1007/s13595-018-0765-z
7. Orman O., Dobrowolska D., **Szwagrzyk J.** 2018. Gap regeneration patterns in Carpathian old-growth mixed beech forests –Interactive effects of spruce bark beetle canopy disturbance and deer herbivory. *Forest Ecology and Management* 430: 451-459.

8. Zięba A., Różański W., **Szwagrzyk J.** 2018. Syntaxonomy of relic Swiss stone pine (*Pinus cembra* L.) forests in the Tatra Mountains. *Tuexenia* 38: 155-176.71.
9. Gazda A., Kościelniak P., Hardy M., Muter E., Kędra K., Bodziarczyk J., Frączek M., Chwistek K., Różański W., **Szwagrzyk J.** 2019. Upward expansion of distribution ranges of tree species: Contrasting results from two national parks in Western Carpathians. *Science of the Total Environment* 653: 920-929. DOI: 10.1016/j.scitotenv.2018.10.360
10. Zięba A., Różański W., Bukowski M., Ciesielska B., **Szwagrzyk J.** 2019. Distribution and habitat conditions of *Pinus cembra* stands in the Tatra Mountains. *Dendrobiology* 81: 86-96.