

Name and title: dr hab. Anna Gazda, prof. UR



University of Agriculture in Krakow

Faculty of Forestry

Address: al. 29 Listopada 46; 31-425 Krakow, Poland, Room 909

Phone: +48 12 6625117

Email: anna.gazda@urk.edu.pl

Consultation hours: every Tuesday 1¹⁵-2⁴⁵ PM

Research interest:

- biodiversity
- population biology and ecology
- population ecology of rare and protected plant species
- ecology and biology of invasive plant
- invasion process in managed forests
- invasion process in the natural forests
- canopy dynamics in the natural forests
- ecology of clonal plants
- plant architecture
- applications of fractal geometry in ecology
- Citizen Science

Research experience:

Visiting Scholar (uczelnia, okres trwania)

- September 2017 –; ERASMUS + Programme Teaching Staff mobility (STA), University of Helsinki,

Department of Forest Sciences, Finland; prof. Timo Kuuluvainen.

▪ May 2013 – June 2013; LLP-ERASMUS PROGRAMME; Section Ecology and Ecosystem Research, Albrecht-von-Haller-Institute of Plant Science, University of Göttingen/Georg-August-Universität Göttingen, Germany; prof. Christoph Leuschner.

▪ June 2010; CEEPUS (CII-PL-011 4-04-0910-M-35468; New directions for forestry sciences in Central Europe); Szent István University w Gödöllő, Faculty of Agricultural and Environmental Sciences, Hungary; dr. habil. László Szemethy.

DSc, (Habilitation) 2014 (Distribution of alien tree species in various forest communities of southern Poland. [Występowanie drzew obcego pochodzenia na tle zróżnicowania lasów Polski południowej](#))

PhD 2000 (Architecture of blackberry (*Rubus hirtus* Waldst. & Kit. agg.) individuals in relation to dynamics of population of this species' - [Architektura osobników jeżyny gruczołowanej \(*Rubus hirtus* Waldst. i Kit. agg.\) a struktura wybranych populacji tego gatunku](#))

MSc, 1986, MSc dissertation: MSc – 'Conditions of occurrence and the role of the blackberry (*Rubus hirtus* Waldst. & Kit. agg.) in forest of the strict reserve 'Dolina Łopusznej' in the Gorce National Park.' University of Agriculture in Krakow; Faculty of Forestry.....

Professional profiles:

ORCID: orcid.org/0000-0001-9806-1159

Research ID: <https://publons.com/researcher/1512402/anna-gazda/>

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

Research Gate: https://www.researchgate.net/profile/Anna_Gazda

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

Google Scholar: https://scholar.google.com/citations?user=l_ojTgoAAAAJ&hl=pl&oi=ao

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

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

1. Kędra K., Ignacio Barbeito, Mathieu Dassot, Patrick Vallet, Anna Gazda - 2019 - Single-image photogrammetry for deriving tree architectural traits in mature forest stands: a comparison with terrestrial laser scanning. *Annals of Forest Science*. 76:5 [Pdf]
2. Gazda A., Piotr Kościelniak, Mylene Hardy, Elżbieta Muter, Kamil Kędra, Jan Bodziarczyk, Magdalena Frączek, Kazimierz Chwistek, Wojciech Różański, Jerzy Szwagrzyk - 2019 - Upward expansion of distribution ranges of tree species: Contrasting results from two national parks in Western Carpathians. *Science of The Total Environment* 653 (25): 920-929 [Pdf]
3. Roy H, Groom Q, Adriaens T, Agnello G, Antic M, Archambeau A, Bacher S, Bonn A, Brown P, Brundu G, López B, Cleary M, Cogălniceanu D, de Groot M, De Sousa T, Deidun A, Essl F, Fišer Pečnikar, Gazda A, Gervasini E, Glavendekic M, Gigot G, Jelaska S, Jeschke J, Kaminski D, Karachle P, Komives T, Lapin K, Lucy F, Marchante E, Marisavljevic D, Marja R, Martín Torrijos L, Martinou A, Matosevic D, Mifsud C, Motiejunaite J, Ojaveer H, Pasalic N, Pekárik L, Per E, Pergl J, Pesic V, Pocock M, Reino L, Ries C, Rozyłowicz L, Schade S, Sigurdsson S, Steinitz O,

- Stern N, Teofilovski A, Thorsson J, Tomov R, Tricarico E, Trichkova T, Tsiamis K, van Valkenburg J, Vella N, Verbrugge L, Véték G, Villaverde C, Witzell J, Zenetos A, Cardoso A (2018) Increasing understanding of alien species through citizen science (Alien-CSI). *Research Ideas and Outcomes* 4: e31412. [Pdf]
4. Dyderski M.K., Gazda A., Hachułka M., Horodecki P., Kałucka I., Kamczyc J., Malicki M., Pielech R., Smoczyk M., Skorupski M., Wierzcholska S., Jagodziński A.M. - 2018 - Impacts of soil conditions and light availability on natural regeneration of Norway spruce *Picea abies* (L.) H. Karst. in low-elevation mountain forests. *Annals of Forest Science* 75(4): 75:91
 5. Gazda A., Miścicki S. - 2018 - Sąsiedztwo i następstwo gatunków drzew w Białowieskim Parku Narodowym (Neighbourhood and succession of tree species in the Białowieża National Park). *Sylwan* 162 (3): 209-219 [Pdf]
 6. Szwagrzyk J., Gazda A., Dobrowolska D., Chećko E., Zaremba J., Tomski A. - 2017 - Tree mortality after wind disturbance differs among tree species more than among habitat types in a lowland forest in northeastern Poland. *Forest Ecology and Management* 398, 174-184; doi: 10.1016/j.foreco.2017.04.041 [Pdf]
 7. Groom, Q. J., Adriaens, T., Desmet, P., Simpson, A., De Wever, A., Bazos, I., Cardoso, A. C., Charles, L., Christopoulou, A., Gazda, A., Helmissaari, H., Hobern, D., Josefsson, M., Lucy, F., Marisavljevic, D., Oszako, T., Pergl, J., Petrovic-Obradovic, O., Prévot, C., Ravn, H. P., Richards, G., Roques, A., Roy, H. E., Rozenberg, M.-A. A., Scalera, R., Tricarico, E., Trichkova, T., Vercayie, D., Zenetos, A., & Vanderhoeven, S. - 2017 - Seven Recommendations to Make Your Invasive Alien Species Data More Useful. *Frontiers in Applied Mathematics and Statistics*, 3(13): 1-8. doi: 10.3389/fams.2017.00013 [Pdf]
 8. Gazda A., Szwagrzyk J. - Introduced species in Polish National Parks: distribution, abundance and management approaches. W: Krumm F., Vítková L. (red.) *Introduced tree species in European forests: opportunities and challenges, 2016*, ss. 168-175 [Pdf]
 9. Frances E Lucy, Helen Roy, Annie Simpson, James T Carlton, John Mark Hanson, Kit Magellan, Marnie L Campbell, Mark J Costello, Shyama Pagad, Clad L Hewitt, Justin McDonald, Philip Cassey, Sidinei M Thomaz, Stelios Katsanevakis, Argyro Zenetos, Elena Tricarico, Angela Boggero, Quentin J Groom, Tim Adriaens, Sonia Vanderhoeven, Mark Torchin, Ruth Hufbauer, Pam Fuller, Mary R Carman, David Bruce Conn, Jean RS Vitule, Joao Canning-Clode, Bella S Galil, Henn Ojaveer, Sarah A Bailey, Thomas W Therriault, Renata Claudi, Anna Gazda, Jaimie TA Dick, Joe Caffrey, Arne Witt, Marc Kenis, Maiju Lehtiniemi, Harry Helmissaari, Vadim E Panov - 2016 - INVASIVESNET towards an International Association for Open Knowledge on Invasive Alien Species. *Management of Biological Invasions* 7: 131-139. [Pdf]
 10. Gazda A., Miścicki S. - 2016 - Prognoza zmian składu gatunkowego drzewostanów Białowieskiego Parku Narodowego (Forecast of changes in the tree species composition of forest stands in the Białowieża National Park). *Sylwan* 160, 309-319 [Pdf]