

Dr hab. Elżbieta Wojciechowicz-Żytko



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Consultation hours: Tuesday 10:00 -12:00 a.m.

Professional profiles:

ORCID [https://orcid.org/ 0000-0001-8137-3113](https://orcid.org/0000-0001-8137-3113)

Research interest:

entomology, Syrphidae, biological and ecological plant protection, beneficial insects in aphids control, integrated pest management, plant resistance to pest

DSc (Habilitation) 2008. The role of hoverflies (Diptera, Syrphidae) in regulating the population of cherry aphid – *Myzus cerasi* (F.) (Homoptera, Aphidodea). Zesz. Nauk. AR w Krakowie, Rozprawy, 443, 321, 92pp. 9in Polish)

PhD (1997) Hoverflies (Diptera, Syrphidae) as predators of the aphid *Aphis fabae* Scop. (Homoptera, Aphidodea) occurring on broad beans. Monography (in Polish)

Visiting Scholar:

1991 - University of Reading (England) (research) (10 months)

2014 - Lombardia, Laboratorio Fitopatologico, Fondazione Minoprio, Italy, (research).

2016 - Ondokuz Mayıs University, Turkey (visiting professor)

2017 - Latvia University of Agriculture Jelgava, Latvia (visiting professor)

2019 - Polytechnic Institute of Beja in Portugal (visiting professor)

List of recent publications (author of over 70 publications)

1. **Wojciechowicz-Żytko E.** 2019 Attractiveness of Some Apiaceae Flowers For Syrphidae (Diptera) – Pollinators And Biotic Agents. *Acta Horticultura* 1264: 275-282.
2. **Wojciechowicz-Żytko E.** , Wilk E. 2019. Effects of the Surrounding Environment and Management System in Apple Orchards on the Occurrence of the Ground Beetles (Coleoptera, Carabidae). *Polish Journal of Environmental Studies* Vol. 28, No. 5 (2019), 3489-3496

3. Mielczarek A., **Wojciechowicz-Żytko E.** 2020. Bioaccumulation of Heavy Metals (Zn, Pb, Cd) in *Polistes nimphus* (Christ, 1791) (Hymenoptera, Vespidae) Living on Contaminated Sites. Pol. J. Environ. Stud. Vol. 29, No. 6 (2020), 4249-4256, DOI: 10.15244/pjoes/118746
4. Mielczarek A., Mielczarek Ł., **Wojciechowicz-Żytko E.** 2021. The influence of heavy metals on the shape and asymmetry of wings of female *Polistes nimpha* (Hymenoptera, Vespidae) living on contaminated sites. Ecotoxicology 30(9), 1854-18-61. <https://doi.org/10.1007/s10646-021-02449-8>
5. Mielczarek A., Mielczarek Ł., **Wojciechowicz-Żytko E.** 2021. Hoverflies (Syrphidae: Diptera) in areas contaminated with heavy metals (Cd, Zn, Pb). Folia Horticulturae 33(2) : 325 - 342 DOI: 10.2478/fhort-2021-0025
6. **Wojciechowicz-Żytko E.**, Wilk E. 2022. The quantity and quality structure of coccinellids (Coleoptera, Coccinellidae) in apple orchards with integrated and ecological management and in their surroundings. Pol. J. Environ. Stud. Vol. 31, No. 3 (2022), 2895-2903, DOI: 10.15244/pjoes/143764
7. **Wojciechowicz-Żytko E.**, Wilk E. 2023. Surrounding semi-natural vegetation as a source of aphidophagous syrphids (Diptera, Syrphidae) for aphid control in apple orchards. Agriculture 13, 1040, <https://doi.org/10.3390/agriculture13051040>
8. **Wojciechowicz-Żytko, E.**; Kunicki, E.; Nawrocki, J. Influence of Biostimulants and Microbiological Preparations on the Yield and the Occurrence of Diseases and the European Corn Borer (*Ostrinia nubilalis* Hbn, Lepidoptera, Crambidae) on Sweet Corn (*Zea mays* L. Var. *saccharata*). Agriculture 2024, 14, 1754. <https://doi.org/10.3390/agriculture14101754>