Angelos Amyntas

Personal information

Date of birth: 1 July 1988
Nationality: Greek
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Education

2020-	PhD Student - Friedrich Schiller University Jena, Germany; research group: Theory in Biodiversity Science - iDiv Thesis subject: *Multi-trophic energy fluxes in soil food webs along plant diversity-productivity gradients*; supervised by Dr. Ulrich Brose
2016-2019	Master in Environmental Biology - University of Crete, Greece Thesis subject: *The formation of Carabidae assemblages in wetland ecosystems of Crete with a focus on artificial wetlands*
2014	Degree in Biology - Aristotle University of Thessaloniki, Greece

Current position

3.2023-9.2024	Research employee - Friedrich Schiller University Jena

Previous positions

3.2022-2.2023	Research employee - University of Göttingen
3.2020-2.2022	Research employee - Friedrich Schiller University Jena
10.2019-2.2020	Research assistant - University of Leipzig

Skills & experience

statistics	GLMMs mostly through *brms*, I can write simple models in Stan basic familiarity with SEMs, GAMs
coding	R (advanced) NetLogo (eager novice)
field	I coordinated and participated in the set-up and sampling of several field and mesocosm experiments
lab	microscopy, soil fauna extraction methods

Conferences

2023	British Ecological Society - Liverpool (poster)
2023	German Ecological Society - Leipzig (poster)
2022	British Ecological Society - Edinburgh (talk)

2022	German & French Ecological Society - Metz (talk)
2022	SORTEE – online (reproducibility workshop)

Student supervision

2022-2024	supervision of 2 master students

List of publications

First author:

Amyntas, A., Berti, E., Gauzens, B., Albert, G., Yu, W., Werner, A. S., Eisenhauer, N., & Brose, U. (2023). Niche complementarity among plants and animals can alter the biodiversity–ecosystem functioning relationship. Functional Ecology, 1365-2435.14419. https://doi.org/10.1111/1365-2435.14419

Contributing author:

Dyer, A., Ryser, R., Brose, U., **Amyntas, A.**, Bodnar, N., Boy, T., Franziska Bucher, S., Cesarz, S., Eisenhauer, N., Gebler, A., Hines, J., Kyba, C. C. M., Menz, M. H. M., Rackwitz, K., Shatwell, T., Terlau, J. F., & Hirt, M. R. (2023). Insect communities under skyglow: Diffuse night-time illuminance induces spatio-temporal shifts in movement and predation. Philosophical Transactions of the Royal Society B: Biological Sciences, 378(1892), 20220359. https://doi.org/10.1098/rstb.2022.0359

Terlau, J. F., Brose, U., Eisenhauer, N., **Amyntas, A.**, Boy, T., Dyer, A., Gebler, A., Hof, C., Liu, T., Scherber, C., Schlägel, U. E., Schmidt, A., & Hirt, M. R. (2023). Microhabitat conditions remedy heat stress effects on insect activity. Global Change Biology, 29(13), 3747–3758. https://doi.org/10.1111/gcb.16712

Jochum, M., Barnes, A. D., Brose, U., Gauzens, B., Sünnemann, M., **Amyntas, A.**, & Eisenhauer, N. (2021). For flux's sake: General considerations for energy-flux calculations in ecological communities. Ecology and Evolution, 11(19), 12948–12969. https://doi.org/10.1002/ece3.8060

Unpublished first-author manuscripts

in review:

Amyntas, A., Klarner, B., Ilieva-Makulec, K., Madaj, A. M., Li, J., Potapov, A. M., Rosenbaum, B., Gauzens, B., Scheu, S., Eisenhauer, N., Brose, U. Soil community history strengthens belowground multitrophic functioning across plant diversity levels in grassland experiment

(rejected; resubmitted):

Amyntas, A., Gauzens, B., Ciobanu, M., Warnke, L., Maraun, M., Salamon, J. A., Merkle, M., Bassi, L., Hennecke, J., Lange, M., Gleixner, G., Scheu, S., Eisenhauer, N., Brose, U. Shared community history strengthens plant diversity effects on belowground multitrophic functioning
https://www.authorea.com/users/397547/articles/658924-shared-community-history-strengthens-plant-diversity-effects-on-belowground-multitrophic-functioning

I am fluent in English. My German is poor but improving, while my Greek is getting rusty. I have a standard driver's license (B) but I prefer cycling.