

## Les publications 2018 de la ZAAR

- Abbott B.W., Gruau G., Zarnetske J.P., Moatar F., Barbe L., Thomas Z., Fovet O., Kolbe T., Gu S., Pierson-Wickmann A.C., Davy P., Pinay G. (2018) Unexpected spatial stability of water chemistry in headwater stream networks. *Ecology Letters*, 21(2) : 296–308. DOI: 10.1111/ele.12897
- Alignier A. (2018) Changes in a field margin vegetation metacommunity over a 21-year interval and the impacts of structural condition and management. *Agriculture, Ecosystems and Environment* 251, 1-10. DOI: 10.1016/j.agee.2017.09.013
- Alignier A., Le Coeur D., Lanoë E., Ferchaud F., Roche B., C. (2018) Ecobordure: a flora-based indicator of the agroecological state of field margins. *Ecological Indicators* 85, 832-840.  
DOI: 10.1016/j.ecolind.2017.11.046
- Aviron S., Lalechère E., Duflot R. Parisey N., H., Poggi, S. (2018) Connectivity of cropped vs. semi-natural habitats mediates biodiversity: a case study of carabid beetles communities. *Agriculture, Ecosystems and Environment* 268, 34-43. DOI: 10.1016/j.agee.2018.08.025
- Balbi A., Ernoult A., Poli P., Madec L., A., Martin M.C., Nabucet J., Beaujouan V., Petit E. (2018) Functional connectivity in replicated urban landscapes in the land snail (*Cornu aspersum*). *Molecular Ecology*, 27,1357-1370. DOI: 10.1111/mec.14521
- Chollet S., Brabant C., Tessier S., Jung V. (2018) From urban lawns to urban meadows: reduction of mowing frequency increases plant taxonomic, functional and phylogenetic diversity. *Landscape and Urban Planning*, 180, 121-124. DOI: 10.1016/j.landurbplan.2018.08.009
- Dick J., Orenstein D.E., Holzer J., Wohner C., Achard A.L., Andrews C., Avriel-Avni N., Beja P., Blond N., Cabello J., Chen C., Díaz-Delgado R., Giannakis G., Gingrich S., Izakovicova Z., Krauze K., Lamouroux N., Leca S., Melecis V., Miklós K., Mimikou M., Niedrist G., Piscart C., Postolache C., Psomas A., Santos-Reis M., Tappeiner U., Vanderbilt K., Van Ryckegem G. (2018). What is socio-ecological research delivering? A literature survey across 25 international LTSEER platforms. *Science of the Total Environment*, 622/623: 1225–1240. DOI: 10.1016/j.scitotenv.2017.11.324
- Djoudi, E. A., Marie A., Mangenot A., Puech C., Aviron S., Plantegenest M., Petillon J. (2018). Farming system and landscape characteristics differentially affect community structure and composition of two dominant taxa of predatory arthropods. *Agriculture, Ecosystems and Environment* 259, 98-110. DOI: 10.1016/j.agee.2018.02.031
- Djuric I., Kepfer-Rojas S., Kappel Schmidt I., Steenberg Larsen K., Beier C., Berg B., Verheyen K. et al. (2018). Early stage litter decomposition across biomes. *Science of the Total Environment*, 628/629: 1369–1394. DOI: 10.1016/j.scitotenv.2018.01.012
- Duflot, R., Daniel, H., Aviron, S., Alignier, A., Beaujouan, V., Burel, F., Cochard, A., Ernoult, A., Pain, G., Python, J. A. (2018). Adjacent woodlands rather than habitat connectivity influence grassland plant, carabid and bird assemblages in farmland landscapes. *Biodiversity and Conservation*, 27 (8), 1925-1942. DOI: 10.1007/s10531-018-1517-y
- Hoeffner, K., Monard, C., Santonja, M., Cluzeau, D. (2018) Feeding behaviour of epi-anecic earthworm species and their impacts on soil microbial communities. *Soil Biology and Biochemistry* 125, 1–9. DOI: 10.1016/j.soilbio.2018.06.017
- Mony, C., Abadie, J., Gil-Tena, A., Burel, F., Ernoult, A. (2018) Effect of connectivity on animal-dispersed forest plant communities in agriculture-dominated landscapes. *Journal of Vegetation Sciences*. 29: 167-178. DOI: 10.1111/jvs.12606

Raitif J., Plantegenest M., Piscart C., Roussel J.M. (2018). Seasonal and spatial variations of stream insect emergence in an intensive agricultural landscape. *Science of the Total Environment*, 644: 594-60. DOI: 10.1016/j.scitotenv.2018.07.021

Rapinel, S., Clément, B., Dufour, S., Hubert-Moy, L. (2018). Fine-scale monitoring of long-term wetland loss using LiDAR data and historical aerial photographs: the example of the Couesnon floodplain, France. *Wetlands*, 38(3), 423-435. DOI: 10.1007/s13157-017-0985-2

Santonja M., Pellan L., Piscart C. (2018). How shredder invertebrate identity mediates their responses to the litter quality and microbial conditioning in the leaf litter recycling. *Ecology and Evolution*, 8: 2542-2553. DOI: 10.1002/ece3.3790