

Les publications 2017 de la ZAAJ

- Fournier B., Mouly A., Moretti M., Gillet F. (2017) Contrasting processes drive alpha and beta taxonomic, functional and phylogenetic diversity of orthopteran communities in grasslands. - *Agriculture, Ecosystems and Environment* 242(1) :43-52
- Belle, S, Baudrot, V, Lami, A, Musazzi, S, Dakos, V (2017) Rising variance and abrupt shifts of subfossil chironomids due to eutrophication in a deep sub-alpine lake. *Aquatic Ecology*, 51(2) 307-319
- Roux, P, Guillien, A, Soumagne, T, Ritter, O, Laplante, JJ, Travers, C, Dalphin, JC, Peiffer, G, Laurent, L, Degano, B (2017) Smoking habits in French farmers: a cross-sectional study. *BMC Public Health*, 17(166)
- Prat-Mairet Y, Fourel I, Barrat J, Sage M, Giraudoux P, Coeurdassier M 2017. Non-invasive monitoring of Red fox exposure to rodenticides from scats. *Ecological Indicators*, 72 : 777–783.
- Villette P, Afonso E, Couval G, Levret A, Galan G, Tatard C, Cosson JF, Giraudoux P 2017 Consequences of organ choice in describing bacterial assemblages in a rodent population. *Epidemiology and Infection*. 145 (14) : 3070-3075.
- Delaine M., N Bernard, D Gilbert, P Recourt, E Armynot du Chatelet (2017) Origin and diversity of testate amoebae shell composition: Example of *Bullinularia indica* living in *Sphagnum capillifolium*. *European Journal of Protistology*. 59:14-25.
- Giraudoux P, Couval G, Levret A, Mougou D, Delavelle A (2017) Suivi à long terme d'une zone de pullulation cyclique de campagnols terrestres : le contrôle raisonné des populations est possible ! *Fourrages*, 230 : 169-176.
- Bailly J., Faivre B., Bernard N., Sage M., Crini N., Driget V., Garnier S., Rieffel D., Scheifler R. (2017) Multi-element analysis of blood samples in a passerine species: excesses and deficiencies of trace elements in an urbanization study. *Frontiers in Ecology & Evolution*, 5:6. DOI: 10.3389/fevo.2017.00006.
- Cholet, C, Charlier, JB, Moussa, R, Steinmann, M, Denimal, S (2017) Assessing lateral flows and solute transport during floods in a conduit-flow-dominated karst system using the inverse problem for the advection-diffusion equation, *Hydrology And Earth System Sciences*, 21 (7): 3635-3653
- Joly D., Gillet F., 2017. Interpolation of temperatures under forest cover on a regional scale in the French Jura Mountains. *International Journal of Climatology*, 37, S1, 659-670. DOI:10.1002/joc.5029
- Rocchi S., Tisserant M., Valot B., Laboissiere A., Frossard V., Gabriel Reboux (2017) Quantification of *Saprolegnia parasitica* in river water using real time quantitative PCR : from massive fish mortality to tap drinking water, *International Journal of Environmental Health Research*, 27(1):1-10.
- Foltête JC, Vuidel G (2017) Using landscape graphs to delineate ecologically functional areas, *Landscape Ecology* 32 (2): 249–263
- Knapp, J., Damy, S., Brillaud, J., Tissot, J.D., Navion, J., Mélior, R, Afonso, E, Hormaz, V., Gottstein, B., Umhang, G., Casulli, A., Dadeau, F., Millon, L., Raoul, F. (2017). EWET: data collection and

interface for the genetic analysis of *Echinococcus multilocularis* based on EmsB microsatellite. *PLoS ONE* 12(10), e0183849.

Binet P., Rouifed S., Jasse V., Toussaint M.L., Chiapusio G. (2017) Experimental climate warming alters the relationship between fungal root symbiosis and *Sphagnum* litter phenolics in two peatland microhabitats. - *Soil Biology and Biochemistry* 105: 153-161