

## Les publications 2019 de la ZATU

- Beauger A., Wetzel C., Voldoire, O., Ector L. (2019) *Pseudostaurosira bardii* (Fragilariaceae, Bacillariophyta), a new species from a saline hydrothermal spring of the Massif Central (France). *Botany Letters*, 166, 1, 3-13. DOI: 10.1080/23818107.2018.1460278
- Bretagnolle V., Benoît M., Bonnefond M., Breton V., Church J.M., et al.. (2019) Action-orientated research and framework: insights from the French Long-Term Social-Ecological Research network. *Ecology and Society* 24(3):10. DOI: 10.5751/ES-10989-240310
- Eouzan I, Garnery L, Pinto MA, Delalande D, Neves CJ, Fabre F, Lesobre J, Houte S, Estonba A, Montes I, Sime-Ngando T, Biron DG, (2019) Hygroregulation, a key ability for eusocial insects: Native Western European honeybees as a case study. *PLoS ONE* 14(2): e0200048. DOI: 10.1371/journal.pone.0200048
- Hassan Loni Y., David K., Larrue S., Grambow B., Corona C., et al. (2019) Uranium quantification of oak tree rings (*Quercus petraea*) from a former uranium mining site by High Resolution Inductively Coupled Plasma Mass spectrometry in Laser Ablation and Solution modes. *Spectrochimica Acta Part B: Atomic Spectroscopy*, 161, 105709. DOI: 10.1016/j.sab.2019.105709
- Lampe N., Marin P., Coulon M., Micheau P., Maigne L., Sarramia D., Piquemal F., Incerti S., Biron D.G., Ghio C., Sime-Ngando T., Hindre T., Breton V. (2019) Reducing the ionizing radiation background does not significantly affect the evolution of *Escherichia coli* populations over 500 generations. *Scientific Reports* 9:1489. DOI:10.1038/s41598-019-51519-9
- Le T.H.H., Michel H., Champion J. (2019) <sup>210</sup>Po sequential extraction applied to uranium mining, wetland soils, *Journal of Environmental Radioactivity*, 199-200, 1-6. DOI: 10.1016/j.jenvrad.2018.12.027
- Martin A., Landesman C., Lepinay A., Roux C., Champion J., Chardon P., Montavon G. (2019) Flow period influence on uranium and trace elements release in water from the waste rock pile of the former La Commanderie uranium mine (France). *Journal of Environmental Radioactivity*, 208-209, 106010. DOI: 10.1016/j.jenvrad.2019.106010
- Millan F., Izere C., Breton V., Voldoire O., Biron D.G., Wetzel C.E., Miallier D., Allain E., Ector L., Beauger A. (2019) The effect of natural radioactivity on diatom communities in mineral springs, *Botany Letters*, DOI:10.1080/23818107.2019.1691051
- Rossi F., Mallet C., Portelli C., Donnadiou F., Bonnemoy F., Artigas J. (2019) Stimulation or inhibition: Leaf microbial decomposition in streams subjected to complex chemical contamination, *Science of The Total Environment*, 648, 1371-1383. DOI : 10.1016/j.scitotenv.2018.08.197
- Verlinde M., Gorny J., Montavon G., Khalfallah S., Boulet B., Augeray C., Lariviere D., Dalencourt C., Gourgiotis A. (2019) A new rapid protocol for <sup>226</sup>Ra separation and pre-concentration in natural samples using molecular recognition technology, for ICP-MS analysis. *Journal of Environmental Radioactivity* 202, 1-7. DOI: 10.1016/j.jenvrad.2019.02.003