

# Liste de publications de BIOR

## Articles dans des revues avec comité de lecture

### A paraître

Dupaix, A., Ménard, F., Filmalter, J. D., Baidal, Y., Bodin, N., Capello, M., Chassot, E., Demarcq, H., Deneubourg, J.-L., et al. (2024). The challenge of assessing the effects of drifting fish aggregating devices on the behaviour and biology of tropical tuna. *Fish and fisheries*, 25.

### 2024

Bhasin, O., Doucet, J.-L., Ndonda Makemba, R., Gillet, J.-F., Deblauwe, V., Sonke, B., & Hardy, O. J. (2024). Contrasted spatial, demographic and genetic structures of a light-demanding African timber species, *Cylcodiscus gabunensis* Harms – Implications for a sustainable management of its populations. *Forest ecology and management*, 551, 121527. doi:10.1016/j.foreco.2023.121527

Baudoux, C., Biwole, A. B., Hardy, O. J., Webber, B., & Heuret, P. (2024). Can the competition dynamics of non-native invaders be reconstructed to reveal historical impact? The case of *Cecropia peltata* and *Musanga cecropioides* (Urticaceae) in Cameroon. *Biological invasions*, 26(1), 315-335. doi:10.1007/s10530-023-03175-4

### 2023

Guérin, C., Behr, M., Sait, J., Mol, A., El Jaziri, M., & Baucher, M. (2023). Evidence for poplar PtaPLATZ18 in the regulation of plant growth and vascular tissues development. *Frontiers in Plant Science*, 14, 1302536.

Renard, T., Martinet, B., Araujo, N. D. S., & Aron, S. (2023). DNA methylation extends lifespan in the bumblebee *Bombus terrestris*. *Proceedings - Royal Society. Biological sciences*, 290(2012), 20232093. doi:10.1098/rspb.2023.2093

Gouveia, A., Godefroid, M., Dubois, P., Espino, F., Tuya, F., Haroun, R., Herrera, A., & Otero-Ferrer, F. (2023). Thermal stress response of *Antipathella wollastoni* (Gray, 1857) from the Canary Islands archipelago. *Coral reefs*, 42(6), 1263-1269. doi:10.1007/s00338-023-02415-2

Godefroid, M., Vandendriessche, M., Todinanahary, G. G. B., Ransquin, I., & Dubois, P. (2023). Thermal sensitivity of black corals (Antipatharia: Hexacorallia): Comparisons between sympatric species from a thermally fluctuating site in Madagascar and between allopatric congeners. *Science of the total environment*, 908, 168311. doi:10.1016/j.scitotenv.2023.168311

Steenacker, M., Tanabe, L. L., Rusli, M. U., & Fournier, D. (2023). The influence of incubation duration and clutch relocation on hatchling morphology and locomotor performances of green turtle (*Chelonia mydas*). *Journal of experimental marine biology and ecology*, 569, 151954.

Roussel, S., Coheleach, M., Martin, S., Day, R., Badou, A., Huchette, S., Dubois, P., Servili, A., Gaillard, F., & Auzoux-Bordenave, S. (2023). From reproductive behaviour to responses to predators: Ocean acidification does not impact the behaviour of

an herbivorous marine gastropod. *Science of the total environment*, 907, 167526. doi:10.1016/j.scitotenv.2023.167526

Araujo, N. D. S., Perez, R., Willot, Q., Defrance, M., & Aron, S. (2023). Facing lethal temperatures: Heat-shock response in desert and temperate ants. *Ecology and evolution*, 13(9), e10438. doi:10.1002/ece3.10438

Knüsel, M., Borko, Š., Alther, R., Salussolia, A., Flot, J.-F., Altermatt, F., Fišer, C., & Stoch, F. (2023). Phylogenetic structure and molecular species delimitation hint a complex evolutionary history in an Alpine endemic Niphargus clade (Crustacea, Amphipoda). *Zoologischer Anzeiger*, 306, 27-36. doi:10.1016/j.jcz.2023.07.001

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Theissinger, K., Flot, J.-F., et al. (2023). How genomics can help biodiversity conservation. *Trends in genetics*, 39(7), 545-559. doi:10.1016/j.tig.2023.01.005

Godefroid, M., Gouveia, A., Otero-Ferrer, F., Espino, F., Tuya, F., & Dubois, P. (2023). Higher daily temperature range at depth is linked with higher thermotolerance in antipatharians from the canary islands. *Journal of thermal biology*, 115, 103593. doi:10.1016/j.jtherbio.2023.103593

Dacquin, P., Caiti, E., Grégoire, J.-C., & Aron, S. (2023). Preemergence mating, inbreeding, and their consequences in the bark beetle Ips typographus. *Journal of pest science*. doi:10.1007/s10340-023-01650-4

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Dupaix, A., Dagorn, L., Duparc, A., Guillou, A., Deneubourg, J.-L., & Capello, M. (2023). No evidence from long-term analysis of yellowfin tuna condition that drifting

fish aggregating devices act as ecological traps. *Marine ecology. Progress series*, 711, 121-127. doi:10.3354/meps14313

Mouton, L., Patiño, J., Carine, M., Rumsey, F., de Sequeira, M. M., González-Mancebo, J. M., Gabriel, R. M. D. A., Hardy, O. J., Sim#Sim, M., Reyes#Betancort, A., Collart, F., & Vanderpoorten, A. (2023). Patterns and drivers of beta diversity across geographic scales and lineages in the Macaronesian flora. *Journal of biogeography*, 50(5), 858-869. doi:10.1111/jbi.14580

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Bizic, M., Brad, T., Ionescu, D., Barbu-Tudoran, L., Zoccarato, L., Aerts, J. W., Contarini, P.-E., Gros, O., Volland, J.-M., Popa, R., Ody, J., Vellone, D., Flot, J.-F., Tighe, S., & Sarbu, S. M. (2023). Cave Thiovulum (*Candidatus Thiovulum stygium*) differs metabolically and genetically from marine species. *The I S M E Journal*, 17(3), 340-353. doi:10.1038/s41396-022-01350-4

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Godefroid, M., Dubois, P., & Hédonin, L. (2022). Thermal performance with depth: Comparison of a mesophotic scleractinian and an antipatharian species subjected to internal waves in Mo'orea, French Polynesia. *Marine environmental research*, 184, 105851. doi:10.1016/j.marenvres.2022.105851

Weber, D., Flot, J.-F., Frantz, A. A., & Weigand, A. M. (2022). Molecular analyses of groundwater amphipods (Crustacea: Niphargidae) from Luxembourg: new species reveal limitations of morphology-based checklists. *Zootaxa*, 5222(6), 501-533. doi:10.11646/zootaxa.5222.6.1

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