Dr Yves Bas
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RESEARCH TOPICS AND SKILLS

Bioacoustics – Signal processing – Macroecology – Chiroptera (bats) – Orthoptera Tettigonioidea (bush-crickets) - Statistical modeling – Database management – Tutoring and Teaching
19 papers in international peer-reviewed journals, 500 citations, H index = 10

CAREER

Since April 2014 Post-doctoral researcher – MNHN – CESCO – Vigie-Nature
2010 – March 2014 Research Engineer – BIOTOPE R&D
2005- 2009 PhD – MNHN – CERSP. Disentangling the effects of lanscape and land use changes on the biodiversity in french farmland and forest. Supervised by Robert Barbault et Frédéric Jiguet
2004-2005 Msc Ecology, Biodiversity and Evolution, AgroParisTech.

HIGHLIGHTED PUBLICATIONS

Barré K., Le Viol I., **Bas Y.**, Julliard R., Kerbiriou C. 2018. Estimating habitat loss due to wind turbine avoidance by bats: Implications for European siting guidance. Biological Conservation 226, 205-214

Azam C., Le Viol, I., **Bas, Y.**, Zissis, G., Vernet, A., Julien, J.-F., Kerbiriou, C. 2018. Evidence for distance and illuminance thresholds in the effects of artificial lighting on bat activity. Landscape and Urban Planning, 175:123-135

Kerbiriou, C., **Bas, Y.**, Le Viol, I., Lorrilliere, R., Mougnot, J., Julien, J.-F. 2018. Potential of bat pass duration measures for studies of bat activity. Bioacoustics 1-16

Roemer C., Disca T., Coulon A., **Bas Y.** 2017. Bat flight height monitored from wind masts predicts mortality risk at wind farms. Biological Conservation, 215:116-122, doi: 10.1016/j.biocon.2017.09.002

Bas Y., Bas D., Julien J.F. 2017. Tadarida: A Toolbox for Animal Detection on Acoustic Recordings. Journal of Open Research Software, 5:1–8, doi:10.5334/jors.154

Newson, S.E., **Bas, Y.**, Murray, A., Gillings, S., 2017. Potential for coupling the monitoring of bush-crickets with established large-scale acoustic monitoring of bats. Methods Ecol. Evol. in press. doi: 10.1111/2041-210X.12720

Jeliazkov, A., **Bas, Y.**, Kerbiriou, C., Julien, J.-F., Penone, C., Le Viol, I., 2016. Large-scale semi-automated acoustic monitoring allows to detect temporal decline of bush-crickets. Glob. Ecol. Conserv. 6, 208–218. doi:10.1016/J.GECCO.2016.02.008

Dufour, O., Gineste, B., **Bas, Y.**, Le Corre, M., Artières, T. 2016. First automatic passive acoustic tool for monitoring two species of procellarides (Pterodroma baraui and Puffinus bailloni) on Reunion Island, Indian Ocean. Ecological informatics 35, 55-60

Azam C., Kerbiriou C., Vernet A., Julien J-F., **Bas Y.**, Plichard L., Maratrat J., Le Viol I. 2015. Is part-night lighting an effective measure to limit the impacts of artificial lighting on bats? Global Change Biology 21 (12), 4333-4341

Penone, C., Le Viol, I., Pellissier, V., JULIEN, J.-F., **Bas, Y.**, Kerbiriou, C., 2013. Use of Large-Scale Acoustic Monitoring to Assess Anthropogenic Pressures on Orthoptera Communities. Conserv. Biol. 27, 979–987.

Bas, Y., Renard, M., Jiguet, F., 2009. Nesting strategy predicts farmland bird response to agricultural intensity. Agric. Ecosyst. Environ. 134, 143–147.