

# Killian LEBLANC

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24 years old - Driver licence

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Nationality: French

**Profile:** A biologist interested in the conservation, evolution, and diversity of amphibians.

## Education

2017/2019 - **MSc Systematics, Evolution, Paleontology, Sorbonne University & Muséum National d'Histoire Naturelle (MNHN) of Paris, France**

Subjects studied : Phylogeny ,taxonomy, multivariate statistics , SIG , comparative anatomy

2017 - **BSc semester 6 : Paleontology, University of Tomsk, Russia**

Subjects studied : Paleontology of vertebrates , Taphonomy , Paleoecology

2014/2017 - **BSc Bilingual : Life sciences, University of Lille, France**

Subjects studied : Animal biology, Botany, Ecology, Physiology, Statistics, Population Genetics

## EXPERIENCES

2019/2021 - **Assisting Antoine Fouquet in research project, EDB, France.**

2019 - **2nd year, Master thesis (7 months), EDB, France & Natural History Museum (NHM), London.**

Study of the morphology disparity (3D morphometry) of a fossorial frog genus (*Synapturanus*) in relationship with phylogeny and biogeography. Supervised by Antoine FOUQUET (EBD) and Anne-Claire FABRE (NHM).

2018 - **1st year- Master thesis (2 months), MNHN, France**

Bibliographic review of taxonomic changes of amphibian fauna in French Guiana since the 2000s (Lescure et al. 2000). Supervised by Nicolas VIDAL.

2016 - **Volunteer (1 month) – Picardie Nature-Survey for the protection of seals**

Contribution in seal's counting for scientific monitoring and aware public about the conservation status of the two species of seals (common seal and grey seal) present in the bay of Somme (80, France) .

2015 - **Volunteer (1 month) – Conservatoire d'espaces naturels de Picardie – France**

Providing aid to remove a invasive plant (*Euphorbia X Pseudovirgata*) , and manage data for conservation program (RAMSAR program).

## Publication

**Species diversity and biogeography of an ancient frog clade from the Guiana Shield (Anura: Microhylidae: *Adelastes*, *Otophyryne*, *Synapturanus*) exhibiting spectacular phenotypic diversification. 2021, B.J.L.S.**

Antoine Fouquet, **Killian Leblanc**, Marlene Framit, Alexandre Réjaud, Leandro Morae, Miguel T. Rodrigues, Santiago Castroviejo-Fisher, Pedro Peloso, Phillippe J. R. Kok, Tomas Hrbek, Fernanda P. Werneck, Andrew J. Crawford, Santiago R. Ron, José M. Padiá, Anne-Claire Fabre

**Three new *Synapturanus* from the Eastern Guiana Shield, including osteological comparisons across the genus. 2021,**

**Zoologischer Anzeiger**

Antoine Fouquet, **Killian Leblanc**, Anne-Claire Fabre, Miguel T. Rodrigues, Pedro L. V. Peloso, Leandro J. C. L. Moraes, Marcelo Menin, Elodie Mael Dewynter, Fernanda P. Werneck, Monique Hölting, Raffael Ernst, Philippe J. R. Kok

## SKILLS

### Languages

**French : Native speaker**

**English : B2-C1 TOEIC score : 870**

**Spanish and Russian : Working knowledge**

### Software

**Phylogeny :** BEAST, RaxML, MrBayes

**Morphometrics :** AVIZO, IDAV Landmark, Geomorph ,blender, meshmixer

**SIG :** QGIS and ARCGIS

**Python :** Basic knowledge

**Xper3:** software to create identification key

**3D printing:** FDM printer with Cura slicer

**Statistics :** R studio (phylogeny, morphometry and multivariate statistics packages)

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