


Christel BLOT

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Driver licence (2012)

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 February 1992

EXPÉRIENCES PROFESSIONNELLES

Jobs

- 2020-2022 **Teaching assistant**, University of Quebec in Chicoutimi, Saguenay, Canada
- Preparation and supervision of zoology laboratories
- 2021-2022 **Veterinary assistant**, Paradis veterinary clinic, Saguenay, Canada
- Assistance during appointments
- 2021 **Field assistant in coastal environment** (several weeks), University of Quebec in Chicoutimi, Saguenay, Canada
- Assistance with sample preparation
 - Assistance in collecting samples and data
- 2018 **Field assistant**, National Institute for Research in Science and Technology for the Environment and Agriculture (Irstea), Lyon-Villeurbanne, France
- Assistance in setting up the experiment (installation of transmitter in the river)
 - Installation of sensors (by surgical incision on European eel - *Anguilla anguilla*)
- 2015-2016 **Veterinary technician**, Claws & Paws Veterinary Hospital, Pearland, USA
- Animal care (x-rays, blood test, vaccines, fluids)
 - Medical follow-up (history, anesthesia)
 - Maintenance and logistics of products and drugs
 - Customer assistance
- 2012 **Event team leader**, Toulouse, France
- Advertising billboards placement
 - Set up and kiosks management
 - Team management

Research internships

- 2014 **Study of phenotypic plasticity of Snapdragon (*Antirrhinum majus*) under different light intensity**, Paul Sabatier University / National Institute for Agronomic Research (INRA), Toulouse, France
- Set-up of the experiment under controlled conditions
 - Plant characteristics measurements
- 2012 **Impact of the « snail » gene on the silk axons development in Fruit fly (*Drosophila melanogaster*)**, Pierre et Marie Curie University, Paris, France
- Lymph node dissection
 - Maintaining population and cross-breeding

SKILLS

Field work

Aquatic ecology (intertidal habitat, rivers, sedimentary habitat)

Hydrology/chimie (flow measurement, water quality, sediment core sample)

Biology (morphological measurement, blood test)

Écologie (population monitoring, community structure, animal handling and identification)

Cartographie (utilisation de GPS, élaboration de cartes)

Laboratoire

Animal biology (sorting and identification of invertebrates)

Plant biology (biomass, growth, identification, monitoring)

Physics and Chemistry (grain size analysis, loss on ignition)

Molecular biology (DNA extraction, PCR, gel electrophoresis, cross breeding)

Statistics

ANOVA, ANCOVA, MANOVA, multivariate linear regression, ordinations : PCA, PCO, RDA, nmMDS; parametric et non-parametric tests

Computer skills

Statistics (R 3.3.3, PRIMER 6 + Permanova), **GIS** (ArcGIS, Qgis), **desktop tool** (Office 365), **image processing** (Photoshop, Lightroom, ImageJ)

Langues

French: mother tongue

Spanish: novice

English: fluent (writing and speaking)

Certification

First aid (2019)

EDUCATION

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|-----------------------------|--|
| 2022 | M.S. student in Renewable Resources , University of Quebec in Chicoutimi, Canada <ul style="list-style-type: none">• <u>Seagrasses effects on associated community compartments in the St.Lawrence estuary</u> |
| 2019-2022
(non complété) | PhD student in Environment Science , University of Quebec in Chicoutimi, Canada <ul style="list-style-type: none">• <u>Study of the variability of coastal ecosystems in the St.Lawrence estuary</u> |
| 2017-2018 | Master of Science 2nd year - Biodiversité, Écologie, et Évolution , Université de Montpellier 2, Montpellier <ul style="list-style-type: none">• <u>Structure des communautés de macro invertébrés dans un bassin versant sous forte influence glaciaire</u>, Institut national de recherche en sciences et technologies pour l'environnement et l'agriculture (Irstea), Lyon-Villeurbanne, France |
| 2016-2017 | Master of Science 1st year - Ecology and Population Biology , University of Poitiers, Poitiers <ul style="list-style-type: none">• <u>Study of natal and reproductive dispersal in tits (<i>Parus major</i> & <i>Parus caeruleus</i>)</u>, Theoretical and Experimental Ecology Station, CNRS, Moulis, France |
| 2010-2014 | Bachelor of Science in Organisms, Population and Ecosystems Biology , Paul Sabatier University, Toulouse, France |

OTHER ACTIVITIES

Supervision experience

- 2019-2020 Supervision of undergraduate student during field work and laboratory
- 2018 Supervision of a 1st year master's student in laboratory and statistics
- 2012 Team supervision for 2 weeks

Volunteering

- 2017 **Monitoring and banding of tits populations**, Theoretical and Experimental Ecology Station, CNRS, Moulis, France
- Set-up of bird net
 - Metal rings placement
 - Morphological measurements
- 2017 **Monitoring of commun and grey seals**, Picardie Nature (nature association), France
- Adult and juvenile count
 - Education of public
- 2017 **Amphibians prospection**, Vienne Nature (nature association), Poitiers, France
- Count and identification
- 2015 **Houston Toad restoration and conservation**, conservation department, Houston Zoo, Houston, USA
- Maintaining captive populations and cross-breeding
 - Eggs and toads count
 - Release of juvenile into the wild
- 2014 **Animal Protection Society (SPA)**, SPA de Toulouse, France
- Maintaining cleanliness and animal welfare
 - Reception of the public

Student involvement

- 2021-2022 Vice-President of Socio-cultural Affairs (RESERR, UQAC)
- 2019-2021 President of the Student group in Environmental Sciences and Renewables Ressources (RESERR, UQAC)
- 2019-2022 Representative of doctoral students in environmental science at l'UQAC
- 2019-2022 Representative of students in fundamental science department at l'UQAC

Membership

Quebec Ocean (2019-2022), CSBQ (2019-2022), Protection of Birds League (2016-2018), Vienne Nature (2017), Picardie Nature (2017), FRAPNA (2018)

Interests

Psychological and social sciences, photography, strategy games, hiking and biking, fitness