

Brieuc COUILLEROT

ECOSYSTEM BIOLOGIST - LOOKING FOR A JOB OPPORTUNITY IN ECOLOGY

INFORMATIONS

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CITY: Montréal, Quebec

WORK EXPERIENCE

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| APRIL - OCTOBER 2016 | <p>Wildlife and Fisheries Technician at OLYMPIC NATIONAL PARK and LOWER ELWHA KLALLAM TRIBE, U.S. (WA) <i>Supervisors : Dr. Samuel Brenkman, Patrick Crain, Kim Sager-Fradkin</i></p> <p>Contributing to various projects in the context of a large scale ecosystem restoration : Studying the spatial and temporal distribution of several species of salmonids (notably <i>Oncorhynchus sp.</i>). Capturing and monitoring Roosevelt elk and Black-tailed deer populations in the context of a mortality study for a Native American tribe (<i>Odocoileus hemionus</i> and <i>Cervus canadensis roosevelti</i>), Mark and recapture of small mammals in order to assess the impact of their community on the re-vegetation dynamics of a formerly wet lake bed (especially <i>Microtus sp.</i> and <i>Peromyscus sp.</i>). Working on various associated projects : Maintaining Fisher camera-traps (<i>Martes pennanti</i>) and collecting data ; participating actively to special events organized by the National Park.</p> |
| MARCH - SEPTEMBER 2015 | <p>Biodiversity Project Manager for National Center for Scientific Research (CNRS) - Department "Ecology, Systematics, Evolution", Orsay, France <i>Supervisor : Dr. François Chiron</i></p> <p>Developing an observatory for the biodiversity of the "Plateau de Saclay" socio-ecosystem in the context of an agricultural landscape increasingly colonized by the urban matrix : Defining the stakes and objectives of the Observatory, Identifying and communicating with the wide variety of biodiversity stakeholders from a local to a national scale, data-mining and functional design of the Observatory. Redacting a scientific memoir as a vector of future communication with new potential stakeholders.</p> |
| FEBRUARY - APRIL 2014 | <p>Research Intern for National Center for Scientific Research (CNRS) - Department "Ecology, Systematics, Evolution", Orsay, France <i>Supervisor : Dr. Carmen Bessa-Gomes</i></p> <p>Studying the impact of urbanization on bird-feeder use by the avian community : Installing and maintaining a sampling protocol using camera-traps, identifying camera-trapped birds, conducting statistical analyses on data collected and redacting a scientific memoir about the study.</p> |
| JUNE - AUGUST 2013 | <p>Research Technician for National Center for Scientific Research (CNRS) - Department "Ecology, Systematics, Evolution", Orsay, France <i>Supervisor : Dr. Lydie Blottière</i></p> <p>Studying the impact of temperature and physical perturbations on aquatic trophic networks, working on an aquatic mesocosm experiment : Water sampling and chemical analyses, conducting various manual work to maintain the experiment, bibliographic synthesis on the effect of nutrient addition to an aquatic ecosystem in the context of a blue-green algae efflorescence risk.</p> |

EDUCATION

- 2013 - 2015 | Master in ENVIRONMENT, ECOSYSTEM BIOLOGY at **Université Paris-Sud-XI**, France
Major : Ecosystem services and Ecological Engineering
Functional Ecology | Evolution Ecology | Modelling | Populations Dynamics | Biostatistics
| Conservation | Socio-Ecosystems | Databases | Integrative Limnology | Methodology and Measures in Ecology | Environmental Law
- 2011 - 2013 | Bachelor in GENERAL BIOLOGY at **Université Paris-Sud-XI**, France
Major : Organism Biology and Ecology
Functional Ecology | Animal biology and systematic | Vegetal biology and systematic | Ecotoxicology | Soil study | Geology | Molecular Biology | Biochemistry | Animal Development
| Genetics | Physiology | Neurobiology | Mathematics
- 2009 - 2011 | Preparatory Classes for Competitive Science Exams at **Ecole d'Ingénieurs Bio-Industrie (EBI)**, Cergy, France
Ecosystem chemistry and biology | Metabolic and structural biochemistry | Cellular biology and Genetics | Enzymology and kinetic biochemistry | Microbiology | Molecular Biology
| Thermodynamics | General chemistry | Électromagnetism and Waves | Fluid mechanics

LANGUAGES

FRENCH : Mother Tongue
ENGLISH : Fluent
SPANISH : Basic
JAPANESE : Beginner

IT SKILLS

Softwares and Platforms : QGIS, MARK, MICROSOFT OFFICE, ATOM, VERSION CONTROL WITH GIT
Languages : R, HTML, CSS, JAVASCRIPT, LATEX

INTERESTS AND HOBBIES

Ecology, Technology, Web Development
Trekking, Kayaking, Classical guitar and other instruments.
Languages, travelling : USA, China, Singapore, Malaysia, Spain, Portugal, England, Germany, Turkey, Italy, Finland, Tunisia