



# Clément Hardy

PHD STUDENT

Université du Québec à Montréal

☎ +1 514-600-4478 | ✉ clem.hardy@outlook.fr | 🏠 klemet.github.io | 📺 Klemet | 📺 clement-hardy-ecology

*Clément is a PhD student in forest ecology, who uses spatially-explicit modeling to explore the effects of forest management.*

## PhD research subject

---

My PhD is concerned with the effects of **uneven-aged forest management** on forest landscapes, which seeks to conserve forests with a **heterogeneous age structure**.

I am using **the LANDIS-II model** to study the long-term effects of this development, in order to understand how it could help our societies to better manage forests taking into account **global changes**.

## Formation

---

### Université du Québec à Montréal

PHD IN BIOLOGY

Montréal, Québec

2017-today

### Université Pierre et Marie Curie

MASTER DEGREE IN ECOLOGY, BIODIVERSITY AND EVOLUTION

Paris, France

2014-2016

### Université Pierre et Marie Curie

LICENCE DEGREE IN LIFE SCIENCES

Paris, France

2010-2014

### Lycée Montesquieu

BACCALAURÉAT – SCIENCE SPECIALIZATION

Herblay, France

2007-2010

## Experience in ecology

---

### Université du Québec à Montréal (UQAM), Montréal, Québec

TEACHING ASSISTANT

Supervisors : David Bird and Olivier

Aubry (Professors at the UQAM)

September 2018 - May 2019

### Centre de Recherche et de Formation en Eco-Ethologie de l'Université de Reims (CERFE)

FIELDWORK FOR A LANDSCAPE GENETICS STUDY CONCERNING A POPULATION OF PINE MARTEN (MARTES MARTES) IN THE FRENCH PYRÉNÉES MOUNTAINS

Supervisor : M. Mergey-Barbe,  
engineer at the CERFE

November 2016 - August 2017

### Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD), Montpellier, France

ANALYSIS OF DATA CONCERNING THE EFFECT OF VILLAGE HUNTING PRESSURE ON MAMMALS IN THE CONGO BASIN, AFRICA

Supervisors : V. Grosbois, N. Gaidet-Drapier, researchers at the Reserch Unit AGIRs of the CIRAD

February 2016 - July 2016

### Laboratoire de Biométrie et de Biologie Evolutive (LBBE), CNRS 5558, Lyon, France

PROCESSING AND ANALYSIS OF NEOPHOBIA TEST DATA ON THE COLLARED FLYCATCHER, FICEDULA ALBICOLLIS

Supervisor : G. Daniel, PhD student

Spring 2015

### SOPTOM - Village des Tortues, Gonfaron, France

VOLUNTEERING IN A TURTLE CONSERVATION AND DISCOVERY CENTER

Supervisors : Bernard Devaux (Director), Romain Levasseur (Intendant)

August 2014

## Publications

---

1. Houngbégnon, F. G. A., Cornelis, D., Vermeulen, C., Sonké, B., Ntie, S., Fayolle, A., Fonteyn, D., Lhoest, S., Evrard, Q., Yapi, F., Sandrin, F., Vanegas, L., Ayaya, I., Hardy, C., Le Bel, S., & Doucet, J.-L. (2020). Daily Activity Patterns and Co-Occurrence of Duikers Revealed by an Intensive Camera Trap Survey across Central African Rainforests. *Animals*, 10(12), 2200. <https://doi.org/10.3390/ani10122200>

## Communications and presentations

---

### **Annual conference of the International Boreal Forest Research Association (IBFRA)**

*Clément Hardy, Christian Messier,  
Yan Boulanger, Dominic Cyr, Elise  
Filotas*

LONG-TERM IMPACTS OF UNEVEN-AGED DEVELOPMENT ON THE QUANTITY AND FRAGMENTATION OF OLD-GROWTH FOREST IN A  
LANDSCAPE

*August 2021*

### **Discovery workshop for students and researchers**

*Clément Hardy*

ORGANIZATION AND OPEN-SOURCE WORKSHOP

*August 2021*

### **Discovery workshop for students and researchers**

*Clément Hardy*

WORKSHOP TO LEARN TO USE THE FRS MODULE FOR LANDIS-II

*July 2021*

### **14th annual symposium of the Centre d'Étude de la Forêt (CEF)**

*Clément Hardy, Christian Messier,  
Yan Boulanger, Dominic Cyr, Elise  
Filotas*

LONG-TERM IMPACTS OF UNEVEN-AGED DEVELOPMENT ON THE QUANTITY AND FRAGMENTATION OF OLD-GROWTH FOREST IN A  
LANDSCAPE

*May 2021*

### **Swedish University of Agricultural Sciences doctoral course : Enhancing forest resilience for an uncertain future**

*Clément Hardy, Christian Messier,  
Yan Boulanger, Dominic Cyr, Elise  
Filotas*

LONG TERM IMPACTS OF UNEVEN-AGED MANAGEMENT

*Mai 2021*

### **19th annual meeting of the North American Regional Association of the International Association for Landscape Ecology (NA-IALE)**

*Clément Hardy, Christian Messier,  
Elise Filotas*

THE INFLUENCE OF FOREST ROAD NETWORKS ON THE LONG TERM IMPACTS OF UNEVEN-AGED MANAGEMENT

*May 2020*

### **10th annual symposium of the Centre de la Science de la Biodiversité du Québec (CSBQ)**

*Clément Hardy, Christian Messier,  
Elise Filotas*

ROADS TO CONSERVATION

*December 2019*

### **13th annual symposium of the Centre d'Étude de la Forêt (CEF)**

*Clément Hardy, Christian Messier,  
Elise Filotas*

A NEW LANDIS-II MODULE TO STUDY THE EFFECTS OF ROADS ON FOREST LANDSCAPES

*May 2019*

### **9th annual symposium of the Centre de la Science de la Biodiversité du Québec (CSBQ)**

*Clément Hardy, Christian Messier,  
Elise Filotas*

HOW DO I CUT THIS FOREST LANDSCAPE FOR YOU? - INFLUENCE OF SPACE TESSELLATION METHODS ON MODELING IN FOREST  
ECOLOGY

*December 2018*