

# Louise Peckre

Ph.D. student, engineer graduated in  
fundamental and comparative ethology

## RESEARCH EXPERIENCES

### \* Doctoral position \*

– March 2017-February 2020 –

Deutsche Forschungsgemeinschaft (DFG) funding

### \* Pre-Doctoral position \*

– November 2015-February 2017 –

Grant proposal redaction

**Deutsches Primatenzentrum, Göttingen, Germany**

“Communicative complexity in primates: sociality and multimodal communication in two species of lemurs”

12 months field work in Madagascar

Supervision: Pr. Kappeler P.M. & Dr. Fichtel C.

—

### \* Research Assistant \*

– August-September 2015 –

### \* M. Sc. Trainee \*

– January-June 2015 –

**Centre National de la Recherche Scientifique (CNRS)  
Muséum National d’Histoire Naturelle (MNHN) Paris,  
France**

“Evolution of grasping abilities in strepsirrhines”

Supervision: Dr. Pouydebat E. & Dr. Fabre A.C.

—

### \* M. Sc. Trainee \*

– April-Mai 2014 –

**Laboratoire Ethology, Cognition, Development (LECD)  
Nanterre, France**

“Age-related variations in intra-sexual interactions in the Black Redstart *Phoenicurus ochruros*”

Supervision: Dr. Draganoiu T. & Huet des Aunay G.

—

### \* Research Field-Assistant \*

– March 2013 –

**Fazenda Marupiara, Paragominas, Brazil**

—

### \* B. SC. Trainee \*

– July-August 2012 –

**University of California, Davis, USA**

## PUBLICATIONS

Buil J. \*, Peckre L. \*, Dörge M., Fichtel C., Kappeler P., Scherberger H. (2019) Remotely releasable collar mechanism for medium-sized mammals: an affordable technology to avoid multiple captures. *Wildlife Biology*

Peckre L.\*, Fabre A. C.\*, Hambuckers J., Wall C. E., Socias Martínez L., Pouydebat E. (2019) Food properties influence grasping strategies in strepsirrhines. *Biological Journal of the Linnean Society* (special issue "What an interdisciplinary approach can tell us about the evolution of grasping behaviour and manipulation")

Peckre L., Kappeler P. & Fichtel C. (2019) Clarifying and expanding the social complexity hypothesis for communicative complexity. *Behavioral Ecology and Sociobiology* (special issue "Social complexity: patterns, processes, and evolution")

Fabre A. C.\*, Peckre L.\*, Pouydebat E., Wall C. E. (2018) Does the shape of the forelimb long bones covary with grasping behaviour in strepsirrhine primates? *Biological Journal of the Linnean Society* (special issue "What an interdisciplinary approach can tell us about the evolution of grasping behaviour and manipulation")

Peckre L., Defolie C., Kappeler P. & Fichtel C. (2018) Potential self-medication using millipede secretions in red-fronted lemurs: combining anointment and ingestion for a joint action against gastrointestinal parasites? *Primates*

Peckre L.\*, Fabre A. C.\*, Wall C. E., Brewer D., Ehmke E., Haring D., Shaw E., Welser K. & Pouydebat E. (2016) Holding-on: co-evolution between infant carrying and grasping behaviour in strepsirrhines. *Scientific reports*, 6, 37729.

## TALKS

Peckre L., Kappeler P.M. & Fichtel C (2019) Communicative complexity in wild primates: comparing sociality and communicative systems in two lemur species. 27th International Bioacoustics Congress, Brighton, United Kingdom.

Peckre L., Kappeler P.M. & Fichtel C (2019) Multimodal communication in wild primates: comparing sociality and multimodal communication in two lemur species. Association for the Study of Animal Behaviour (ASAB) summer meeting 2019, Konstanz, Germany

Peckre L., Kappeler P.M. & Fichtel C (2019) Audience effect on scent-marking behaviour in red-fronted lemurs. Congrès 2019 de la Société Française pour l'Etude du Comportement Animal, Lille, France.

Peckre L., Kappeler P.M. & Fichtel C (2017) Expanding the links between communicative and social complexity. 11th Göttinger Freilandtage, Göttingen, Germany.

Peckre L., Fabre A-C., Wall C. & Pouydebat E. (2017) The Evolution of hand-grasping behaviours among strepsirrhines. 7th European Federation for Primatology (EFP) Meeting, Strasbourg, France.

Peckre L., Fabre A-C., Wall C. & Pouydebat E. (2015) Evolution du comportement de manipulation chez les strepsirrhiniens. 28th meeting of the Société Francophone de Primatologie (Sfdp), Strasbourg, France.

## EDUCATION

2013 – 2015 - Master's degree in fundamental and comparative Ethology - Paris XIII University, France

2010 – 2015 - Five years engineering programme in biological, agricultural, and environmental fields - Higher Agricultural Institute (ISA), Lille, France & Universidade Federal Rural da Amazonia, Belém, Brazil (one semester)

2008 – 2010 - Two years program preparing for a competitive entrance examination to veterinary, agricultural, chemistry and geology schools (prépa BCPST) - Lycée Saint-Louis, Paris, France

## POSTERS

Peckre L., Kappeler P.M. & Fichtel C (2019) Social Determinants of scent-marking behaviours in red-fronted lemurs. 14th annual meeting of the Ethologische Gesellschaft, Hannover, Germany & 16th Conference of the Gesellschaft für Primatologie, Göttingen, Germany

Peckre L., Kappeler P.M. & Fichtel C (2018) Communicative complexity in primates: sociality and ml communication in two lemur species. 1st RTG conference, Göttingen, Germany

Peckre L., Defolie C., Kappeler P.M. & Fichtel C (2018) Potential self-medication using millipede secretions in red-fronted lemurs. 9th European Conference on Behavioural Biology (ECBB), Liverpool, UK

Peckre L., Kappeler P.M. & Fichtel C (2017) Self-medication using millipede secretions in red-fronted lemurs? Combining anointment and ingestion for broad anti-parasitic usage. 7th European Federation for Primatology (EFP) Meeting, Strasbourg, France.

Peckre L., Kappeler P.M. & Fichtel C (2016) How social context influences multimodal communication in *Eulemur rufifrons*. 8th European Conference on Behavioural Biology (ECBB), Vienna, Austria.

Peckre L., Fabre A-C., Wall C. & Pouydebat E. (2015) The evolution of manipulation behaviour in strepsirrhines. 6th European Federation for Primatology (EFP) Meeting, Roma, Italy.

## REVIEWER EXPERIENCE

International Journal of Primatology (1)  
Journal of Chemical Ecology (1)

## OUTREACH

Medicinal millipedes? *Biosphere Magazine* Issue 34  
p52-61

📍 Kellnerweg, 4; 37077 Göttingen; Germany

✉ [louise.peckre@outlook.com](mailto:louise.peckre@outlook.com)

📞 +4915202182030

🐦 @l\_peckre

🌐 <https://louisepeckre.wixsite.com/home>