

Quentin Gallot

CURRICULUM VITAE

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EDUCATION

- 2020–2023 University of Neuchâtel, Institute of Biology (Switzerland)
Ph.D. in Biology - Department of Comparative Cognition
- 2018 University of Paris 13 – Sorbonne Paris Cité (France)
M.Sc. with honors in Comparative and basic research ethology
Thesis: Ugandan grey-cheeked mangabey social structure in the Bugoma forest
- 2016 University of Nantes, Faculty of Science (France)
B.Sc. with honors in Biology, specialization in Biochemistry

JOURNAL PUBLICATIONS

- 2021 Le Floch, A., Bouchard, A., **Gallot, Q.**, & Zuberbühler, K. Lesser spot-nosed monkeys coordinate alarm call production with associated Campbell's monkeys. *Behavioral Ecology and Sociobiology*, 75(8), 1-14. <https://doi.org/10.1007/s00265-021-03053-w>
- 2019 **Gallot, Q.** & Gruber, T. Spontaneous use and modification of a feather as a tool in a common raven. *Ethology*, 125(10), 755-758. <https://doi.org/10.1111/eth.12928>

CONFERENCES & WORKSHOP PROCEEDINGS (PEER-REVIEWED)

- 2022 Moran, S., **Gallot, Q.**, Le Floch, A., Maiolini, M., Soldati, A., & Zuberbühler, K. Linguistic laws in primate vocal communication. *Proceedings of the Joint Conference on Language Evolution (JCoLE)*, 506–513, Kanazawa, Japan.
https://evolang.org/jcole2022/proceedings/jcole2022_proceedings.pdf

REFEREED PRESENTATIONS

- 2023 'Evolution for a complex vocal communication system: the peculiar case of olive colobus monkeys'. Workshop: Joint Meeting of the International Primatological Society (IPS) and the Malaysian Primatological Society (MPS). August 19–25. Kuching, Malaysia.
- 2023 'Olive colobus vocal behaviour: the intricate art of a forest phantom'. Workshop: Doctoral School in Life Science PhD meeting 2023. June 22–23. Neuchâtel, Switzerland.
- 2022 'Linguistic laws in vocal communication: a human-monkey comparison'. Workshop: Doctoral School in Life Science seminars. November 3. Neuchâtel, Switzerland.
- 2022 'Linguistic laws in primate vocal communication'. Workshop: Joint Conference on Language Evolution (JCoLE). September 5–8. Kanazawa, Japan.
- 2021 'Characterization of olive colobus vocal repertoire and its combinatorial system'. Workshop: Measuring Primate Vocal Sequences. December 7–8. Lyon, France.

SCIENTIFIC COMMUNICATION OUTREACH

- 2022 University open day for the public – Short experiments on the topic of comparative cognition (thermal camera, touch screen, and spectrograms). **Instructor**. November 9. University of Neuchâtel, Switzerland.
- 2022 Taï National Park Pygmy Hippo Awareness Day. **Co-instructor**. May 24. Paulé-Oula, Côte d'Ivoire.
- 2021 High school orientation days – Introduction to primatology (short internships). **Instructor**. November 8–26. Neuchâtel, Switzerland.
- 2018–2019 Biodiversity awareness & introduction to taxonomy in the Bugoma forest. **Instructor**. Kaseeta, Uganda.

TEACHING EXPERIENCE

- 2023 Problem-based learning: Comparative cognition (3BL1181). **Teaching assistant**. University of Neuchâtel, Spring 2023.
- 2022–2023 Introduction to 3D printing. **Instructor**. University of Neuchâtel, Fall 2022/Spring 2023.
- 2022 Biology practical training: animal behavior excursions (3BL1205). **Instructor**. University of Neuchâtel, Fall 2022.
- 2022 Ethology practical training (3BL1118). **Teaching assistant**. University of Neuchâtel, Fall 2022.

2016–2017 'UP13 Educational farm' project: Introductory biology night classes (animal physiology, ethology, plant physiology, comparative anatomy). **Instructor**. University of Paris 13, Fall 2016 & Spring/Fall 2017.

ADVISING

2022 Cassandre Depriester, Bioacoustics, M.Sc. completed 2022. On the meaning of the olive colobus response to Campbell's monkeys' boom calls. M.Sc. **Field & thesis advisor**. University of Jean Monnet, Saint-Étienne.

2021 Clémentine Bodin, Biology, Research assistant project completed 2021. Flexibility of production in olive colobus' contact calls (*Procolobus verus*). **Field & project advisor**. University of Neuchâtel.

RESEARCH EXPERIENCE

2020–2023 Vocal repertoire and call combination in olive colobus monkeys. Swiss National Science Foundation Grant (FN310030_185324). **Ph.D. Thesis**, University of Neuchâtel, Switzerland. Field work: Taï National Park, Ivory Coast.

Characterized the olive colobus vocal units. Defined the possible call combination in predator contexts using playback experiments. Investigated the syntactic rules in sequence production.

2018 Red-billed blue magpie and common raven tool-use and flexibility to solve problems. Swiss National Science Foundation Grants (CR1311_162720 and P300PA_164678). **Researcher**, University of Oxford, UK. Field work: Boissière du Doré & Upie zoos, France.

Designed and executed novel behavior experiments to test tool-use in zoo-housed corvids. Examined red-billed blue magpie cognitive ability to solve problems.

2018 Ugandan grey-cheeked mangabey social structure in the Bugoma forest. University of Sorbonne Paris Cité international grant & Ile de France region international mobility grant. **M.Sc. Thesis**, University of Paris 13, France. Field work: Bugoma Forest Reserve, Uganda.

Investigated the correlation between social structure and socio-ecological factors.

2017 Impact on social behavior and hierarchy of Barbary macaque group fission. **Researcher**, University of Paris 13 & Beauval zoo, France. Field work: Beauval and Terre de Singes zoos, France.

Identified challenges of group fission in captive Barbary macaques. Developed protocol to maximize animal welfare. Spearheaded collaboration between 2 French zoos for data compilation.

2017 Corvids vs. Psittacids comparison: a Multi Access Box Paradigm. **Master's Project**, Université of Paris 13, France. Field work: Boissière du Doré zoo, France.

Compared exploratory behaviors in cognitive tasks solving between red-billed blue magpie and sulfur-crested cockatoo. Conceived a new experimental apparatus that can be used for inter-species comparison.

LEADERSHIP/TEAMWORK EXPERIENCE

- 2021–2023 Comparative cognition lab, University of Neuchâtel. **Office manager, Lab communication officer, Webmaster.** Neuchâtel, Switzerland.
- 2021–2022 Taï Monkey Project (TMP). **Camp manager.** Taï National Park, Ivory Coast.
Leading a research team of 9 field assistants in a remote area. Supervised habituation process of wild olive colobus. Planned and managed long-term data collection and project budget.
- 2018–2019 Bugoma Primate Conservation Project (BPCP). **Research coordinator.** Bugoma Forest Reserve, Uganda.
Leading a research team of 6 field assistants in a remote area. Supervised habituation process of wild mangabeys and chimpanzees. Planned and managed project budget. Organized and led community meetings (25 to 120 people).
- 2016–2017 'UP13 Educational farm' project. **Researcher & animal husbandry.** University of Paris 13, France.
Worked in a team of 15 persons to organize NGO events. Evaluated challenges to facilitate strategy development and maximize animal welfare.
- 2015 'Togo Objective: Preserving the ecosystem' Project. **Co-director.** Togodo National Park, Togo.
Supervised a team of 5 volunteers. Planned reforestation activities and census of animal species. Organized recreational and educational activities for children aged 7 to 15 years. Planned budget, successfully acquired funding and partnerships.

GRANTS & AWARDS

- 2021 DPOB, University of Neuchâtel travel grant - \$500
- 2018 Jane Goodall Institute of Switzerland grant – \$4100
- 2018 Ile de France region (France) international mobility grant – \$3750
- 2018 University of Sorbonne Paris Cité international grant – \$950

ACADEMIC SERVICE: JOURNAL AND BOOK REVIEWING

- 2023 Reviewer for [Avian Biology Research](#)

ADDITIONAL SKILLS

- Languages** French (native)
- English (fluent)

Computer Statistical analysis: R, Markdown, Git, Microsoft Excel

 Biology: PyMOL, NCBI, Uniprot, CAZY, SocProg

 Bioacoustics: RavenPro, Audacity

 3D modeling & printing: Ultimaker Cura, Anycubic Chiron

 Photoshop

 BaseCamp

Holder of a full driver's license

REFERENCES

Dr. Klaus Zuberbühler • klaus.zuberbuehler@unine.ch
Comparative cognition lab, University of Neuchâtel, Neuchâtel, Switzerland

Dr. Thibaud Gruber • thibaud.gruber@unige.ch
Swiss Center for Affective Sciences, University of Geneva, Geneva, Switzerland

August 25, 2023