

Quentin Gallot

CURRICULUM VITAE

Department of Comparative Cognition
University of Neuchâtel
Rue Emile-Argand 11, G B23
2000 Neuchâtel
Switzerland

quentin.gallot@unine.ch

+41 79 104 91 69

[Homepage](#)

[Google scholar](#)

 0000-0002-2356-5763

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

- 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

- 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**. 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

January 12, 2023