

# Quentin Gallot

## CURRICULUM VITAE

Department of Comparative Cognition  
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## EDUCATION

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- 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

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- 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)

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- 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](https://evolang.org/jcole2022/proceedings/jcole2022_proceedings.pdf)

## REFEREED PRESENTATIONS

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

## ADDITIONAL SKILLS

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**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

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**Dr. Klaus Zuberbühler** • [klaus.zuberbuehler@unine.ch](mailto:klaus.zuberbuehler@unine.ch)

Comparative cognition lab, University of Neuchâtel, Neuchâtel, Switzerland

**Dr. Thibaud Gruber** • [thibaud.gruber@unige.ch](mailto:thibaud.gruber@unige.ch)

Swiss Center for Affective Sciences, University of Geneva, Geneva, Switzerland

*November 23, 2022*