

Curriculum Vitae

Ferrario, Valeria

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• EDUCATION

- 03/04/2020 Master's Degree in Evolution of Animal and Human Behaviour, University of Torino, Italy
Grade: 110/100 *cum laude* (with special mention)
Title of Master's Degree Thesis: "Testing calculated reciprocity in capuchin monkey (*Sapajus* spp.)"
Supervisor of Master's Degree Thesis: Gabriele Schino
Co-supervisor of Master's Degree Thesis: Marco Gamba
- 15/02/2017 Bachelor's Degree in Biological Sciences, University of Milano Bicocca, Italy

• OTHER TRAINING

- 01/02/2017 Internship in Wildlife Rescue
CRAS of Vanzago WWF Oasis, Italy
- 01/02/2015 Internship in Tropical Marine Biology
MarHE (Marine Research and High Education) Center, Maldives

• PREVIOUS RESEARCH AND PROFESSIONAL POSITION(S) / PARTICIPATION TO RESEARCH GROUPS

- 02/11/2020 – 30/04/2021
Internship in Primate Behaviour and Cognition
Department of Primatology, Max Planck Institute of Evolutionary Anthropology, Leipzig, Germany
- 14/01/2019 – 30/11/2019
Experimental research for master's thesis
ISTC (Institute for Cognitive Sciences and Technologies), CNR, Rome, Italy

• PRESENTATION OF PAPERS, POSTER, GIVEN SPEECHES AT CONFERENCES AND SEMINARS

- 10/08/2020 Virtual poster session: The motivation underlying food sharing in tufted capuchin monkeys (*Sapajus* spp.), Animal Behaviour Live.

• PUBLICATIONS

- Schino, G., Ferrario, V., & Addessi, E. (in press.). Do capuchin monkeys engage in calculated reciprocity? *Animal Behaviour*

- **LANGUAGE SKILLS**

Italian, native speaker

English, level of competence: C1, Certification: IELTS Academic

- **SOFT SKILLS**

Autonomous work and Team work abilities, CNR Primate Center, 14/01/2019 – 01/12/2019
& Max Planck Institute, 01/11/2020 – 30/04/2021

Communication skills, Sightseeing guide for FAI, 01/09/2012 – 01/06/2013

Organizational/Managerial skills, Whirlpool Swimming Pool secretary manager, 01/05/2021
– in course

Leadership skills, MaRHE Center Maldives, 10/02/2015 - 25/02/2015

- **DIGITAL SKILLS**

R & R Studio, Boris, PRAAT, QGIS, Adobe Photoshop, Microsoft Package

MASTER'S THESIS ABSTRACT

Testing calculated reciprocity in tufted capuchin monkey (*Sapajus* spp.)

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The reciprocal exchanges of services or goods have been extensively studied in nonhuman primates, but their proximate mechanisms are still unclear. One of the proposed mechanisms is known as ‘calculated reciprocity’. Animals engaging in calculated reciprocity are supposed to be motivated to behave cooperatively by the expectation of a future return benefit. Thus, calculated reciprocity requires advanced cognitive abilities such as the capacity to plan social interactions or some form of ‘future thinking’. We tested the ability of capuchin monkeys to rely on calculated reciprocity when sharing food with a group mate. Monkeys were tested in pairs in three different experimental conditions in which the partner had the possibility to reciprocate (Reciprocity), the partner did not have this possibility (Control), or the subject was rewarded by the experimenter for sharing its food (Pseudoreciprocity). If capuchin monkeys engaged in calculated reciprocity, we expected subjects to share more food in the Reciprocity condition than in other conditions. Our results showed no differences in the amount of food transferred to the partner in the three experimental conditions. However, in the Pseudoreciprocity condition capuchin monkeys increased the amount of food shared along successive test sessions. These results suggest the expectation of reciprocation did not motivate capuchin monkeys to share their food, although they were able to learn that sharing can lead to a reward.

