



Giovanni Bianco

Date of birth: 24/11/1993 | **Nationality:** Italian | (+39) 3467711583 | giovannibianco@gmail.com |

Via Padula 7, 75100, Matera, Italy

● EDUCATION AND TRAINING

09/2019 – 10/2020 – Glasgow, United Kingdom

MSC WITH DISTINCTION - QUANTITATIVE METHODS IN BIODIVERSITY, CONSERVATION & EPIDEMIOLOGY – University of Glasgow

Modules: Programming in R, Spatial Ecology, Single-Species Models, Multi-Species Models, Bayesian Statistics, Protected Areas Management, Conservation Genetics

15/09/2012 – 30/06/2016 – Glasgow, United Kingdom

ZOOLOGY BSC, WITH HONOURS OF THE FIRST CLASS – University of Glasgow

- Honours courses include: Tropical Ecology, Disease Ecology, Behavioural Ecology, Advanced Zoology Studies, Population Ecology
- Dissertation: "Ecology and seasonal population dynamics of three groups of potential vectors of avian malaria in Southwest Scotland".
- Committee member of the Zoological Society (2014-2016) and Committee member of Exploration Society (2015-2016)

09/2007 – 07/2012 – Matera, Italy

DIPLOMA DI ESAME DI STATO, 92/100 – Liceo Classico "E. Duni"

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

● PUBLICATIONS

Publications

Modha, S., Hughes, J., **Bianco, G.**, Ferguson, H.M., Helm, B., Tong, L., Wilkie, G.S., Kohl, A. & Schnettler, E. 2019. Metaviromics Reveals Unknown Viral Diversity in the Biting Midge *Culicoides impunctatus*. *Viruses*, 11(9):865. Available from: <https://www.mdpi.com/1999-4915/11/9/865>

Woodford, L., **Bianco, G.**, Ivanova, Y., Dale, M., Elmer, K., Rae, F., Larcombe, S.D., Helm, B., Ferguson, H.M. & Baldini, F. 2018. Vector species-specific association between natural *Wolbachia* infections and avian malaria in black fly populations. *Scientific Reports*, 8(1), p.4188. Available at: <https://doi.org/10.1038/s41598-018-22550-z>.

Rutherford, M.G., and **Bianco, G.** 2014. Utilisation of Anvils by the Trinidad Motmot (*Momotus bahamensis*) in Tobago, Trinidad and Tobago. *Living World, Journal of The Trinidad and Tobago Field Naturalists' Club*, 2014, 30-34.

● WORK EXPERIENCE

12/2020 – 03/2021 – Glasgow, United Kingdom

DATA MANAGEMENT ASSISTANT – UNIVERSITY OF GLASGOW

I was responsible for managing and compiling large datasets on transect data on Serengeti herbivores

03/2019 – 03/2020

ECOLOGIST – ENTE PARCO MURGIA MATERANA - REGIONAL NATURAL PARK

My main task is surveying and monitoring populations of a selection of species included in the EU "Habitats Directive". Work includes:

- Camera trapping, visual encounter transects and specimen sampling (for the arthropod species).
- Working on expanding the entomological specimen collection of the park.
- Utilising QGIS to analyse spatial data.

03/2019 – 09/2019

PART-TIME BIRDWATCHING GUIDE – OASI WWF POLICORO HERAKLEIA

- take schools and tourist groups on guided tours to discover the ornithofauna of protected areas.
- organise workshops on biodiversity and conservation for different age groups.

Policoro, Italy

12/2017 – 09/2018

RESEARCH ASSISTANT FOR BONOBO HABITUATION – MAX PLANCK INSTITUTE FOR EVOLUTIONARY ANTHROPOLOGY

I was based at the Ekongo field site (DRC) to habituate a wild bonobo community. Work included:

- Tracking and habituating wild bonobo communities
- Collection of behavioural data
- Camera trap surveys
- Establishing a network of forest trails
- Collection of urine and faecal samples for hormonal and DNA analysis
- Field site management (paying salaries to staff, organising camp provisions, planning fieldwork)

Democratic Republic of the Congo

03/2017 – 06/2017

RESEARCH ASSISTANT – UNIVERSITY OF BRISTOL

We conducted a field transplant experiment to test competition between 2 endemic species of *Drosophila* along an altitudinal gradient. Work included:

- Designing and setting up the experiment
- Maintenance of *Drosophila* lines
- Sampling and ID of wild *Drosophila*

Townsville, Australia

05/2016 – 07/2016

FIELD COORDINATOR OF THE AVIAN MALARIA VECTOR BIOLOGY GROUP – INSTITUTE OF ANIMAL HEALTH BIODIVERSITY AND COMPARATIVE MEDICINE, UNIVERSITY OF GLASGOW

The role involves coordinating the fieldwork for data collection on vectors of avian malaria across a rural and urban site in Scotland and monitoring the conditions of blue tit broods.

- Sampling vectors with CDC insect traps
- Vector Identification
- Monitoring health of experimental birds

Glasgow, United Kingdom

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

- Good public speaking skills gained through presenting scientific work at university and conferences.

● **JOB-RELATED SKILLS**

Job-related skills

- Competent in using R for statistics, modelling and the production of graphs
- Good report writing skills that I acquired taking part in expeditions and with university coursework
- Capable of utilising QGIS for interpreting spatial data

● **LANGUAGES**

Languages

- Italian: Mother tongue
- English: Advanced
- Spanish: Intermediate
- French: Intermediate