

PERSONAL INFORMATION

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

Environmental Biologist

WORK EXPERIENCE

- 2018 June **Ecological workshop of Società Botanica Italiana (SBI)**
“Biodiversity pattern in calcareous grassland: functional and structural variation in relation to microenvironmental gradient”
Pescasseroli (AQ)
- 2016-2017 **Tutoring activity at Roma Tre University**
Scholarship for lecture in
 - Botany
 - EcologyTrainee supervisor
Co-tutor of master thesis “ Investigation of belowground functional strategies of sandy dunes species” candidate Elina Kozhuharova
Co-tutor of master thesis “Variation in the functional structure of plant communities along elevation gradient in a sub-mediterranean mountain area” candidate Letizia di Biase
- 2015-2016 **Tutoring activity at Roma Tre University**
Scholarship for lecture in
 - Botany
 - EcologyTrainees supervisor
- 2015-2018 **Ph.D. in “Cellular, molecular and environmental biology”**
Roma Tre, University of Rome. “Spatio-temporal functional variation of the sub-Mediterranean mountain grasslands”
- 04/2015 **Scholarship at Roma Tre University**
Geodatabase creation of Latium Vascular Flora
- 2014-ongoing **Collaborations with Environmental Science Department of Camerino University**

Camerino University, Camerino

- Stato dell'ambiente nella fascia subalpina e alpina del Parco Nazionale dei Monti Sibillini. Intervento "Monitoraggio della diversità forestale" Responsabile scientific: Andrea Catorci; Gruppo di lavoro: F.M. Tardella, K. Piermarteri, N. Postiglione, L. Malatesta, M. Tavoloni, A. Bricca. Coordinamento: A. Rossetti, P. Salvi. (2015)

EDUCATION AND TRAINING

- 14-23/11/2018 **Linear modelling of ecological patterns (in R)**
Practical statistical course with software R at University of RomaTre with the supervisor of Vojtech Barták
- Basic principles of probability, statistical inference and modeling
 - Principles of linear models
 - Advanced linear modelling
 - Principles of generalized linear models
- 16-22/09/2018 **"Go Belowground!" Course of Functional Ecology**
The course held in Nové Hradý (Czech Republic) with supervisor of Jitka Klimešová. The course consists practical training and lectures on following topics:
- Introduction to plant morphology, architecture and anatomy
 - Ecological interpretations and correlates of morphological, architectural, and anatomical traits
 - Clonal growth organs and clonal traits
 - Bud bank and life-history traits
- 2018 **Research period**
Institute of botany of the Czech Academy of Science (Trebón, Czech Republic) with the supervisor of Jitka Klimešová.
- 06/2017 **Plant productivity and indexes as a proxy for basic ecosystem features**
CNR, Monterotondo
An Elter h2020 training session contributing to Ecosystem Integrity monitoring at LTER sites.
- 02/2017 **Practical course on Molecular Phylogeny and Population Genetics**
RomaTre University, Rome

- 10-12/2015 **Quantitative Ecology Modul**
University of South Bohemia, České Budějovice
- Community Ecology
 - Functional traits in ecology
 - Creative publishing in community ecology
- 09/2015 **Linear Models and Their Extensions in R**
Roma Tre University, Rome
- Linear regression and ANOVA
 - Generalised Linear Models (GLMs)
 - Linear mixed-effects models (LMMs)
- 2014 **Basis course of R for Environmental and Biological Science for Ph.Ds school**
Roma Tre University, Rome
- Plot, Boxplot, correlation and regression test, PCA, CCA, RDA
- 09/2013-11/2013 **Internship at A.R.P.A. Lazio (Regional agency for environmental protection)**
A.R.P.A. Lazio in Rome
- Biological analysis of surface waters
- 2011-2013 **Master Degree: "Biodiversity and Ecosystems management"**
Roma Tre University, Rome
- Vegetation science, animal and plant biodiversity, animal and vegetation ecology.
 - Thesis: "Study of a forest ecosystem through functional traits in two different silvicultural managements". Awarded summa cum laude (110/110 e lode)
- 2011 **Internship at Roma Tre University**
Roma Tre University, Rome
- Otters population ecology research, in Abruzzo (Italy)
- 2008-2011 **Degree: "Biological science"**
Roma Tre University, Rome
- Botany, Zoology, Ecology, Genetics, Molecular biology, Microbiology, Animal and plant physiology .
 - Thesis: "Functional analysis of plant species of sandy coast: changes along environmental gradients". Awarded (110/108)

PERSONAL SKILLS

- Mother tongue** Italian
- Other languages**
- English** Very good reading and listening comprehension, good speaking and writing skills (B2)

Organisational / managerial skills	Autonomy in organizing work, prioritizing, results oriented , negotiation skills , coordinating work teams.
Job-related skills	<ul style="list-style-type: none"> ▪ Precision: meeting deadlines, analyzing, classify and computing data (developed during ARPA internship) ▪ Problem solver
Computer skills	▪ good knowledge of Microsoft Office™ tools (including Excel, Power Point programs and the R studio statistic program)
Driving licence	▪ B type drive license

ADDITIONAL INFORMATION

- Publications**
- Tardella, F.M., Postiglione, N., Bricca, A., Cutini, M., Catorci, A., Altitude and aspect filter the herb layer functional structure of sub-Mediterranean forests. *Phytocoenologia*
- Chelli, S., Marignani, M., Barni, E., Petraglia, A., Puglielli, G., Wellstein C., ... Bricca, A., Cerabolini, B.E.L. (2019) Plant functional traits and the environment: a review of Italian studies. *Plant Byosistems*
- Scolastri, A., Bricca, A., Cancellieri, L., & Cutini, M. (2017). Understory functional response to different management strategies in Mediterranean beech forests (central Apennines, Italy). *Forest Ecology and Management*, 400, 665-676.
- Tardella, F. M., Bricca, A., Piermarteri, K., Postiglione, N., & Catorci, A. (2017). Context-dependent variation of SLA and plant height of a dominant, invasive tall grass (*Brachypodium genuense*) in sub-Mediterranean grasslands. *Flora*, 229, 116-123.
- Vojtko, A., E., Freitag, M., Bricca, A., Martello, F., Compañ, J. M., Küttim, M., ... & Götzenberger, L. (2017). Clonal vs leaf-height-seed (LHS) traits: which are filtered more strongly across habitats?. *Folia Geobotanica*, 1-13.

National Scientific Conference

- 02/2017 Plant Traits 2.0: lo stato dell'arte e le prospettive di ricerca sui caratteri morfo-funzionali delle piante in Italia” Società Botanica Italiana. Team Work for Ecology. Bologna (Italy)

International Scientific Conference

- 05/2018 Bricca A., Scolastri, A., Cancellieri, L., Cutini, M., . “Understory functional response to different management strategies in sub-Mediterranean beech forests”. Book of Abstract; 27th Congress of European Vegetation Survey. Wroclaw (Poland)
- 09/2017 Bricca A., Tardella F.M., Piermarteri K., Postiglione N., Catorci A. “Functional variation of *Brachyodium genuense* (DC.) Roem. Et Schult in sub-Mediterranean grassland”. Book of Abstract; 1st International Conference on Community Ecology. Budapest (Hungary)
- 09/2017 IV International Plant Science Conference. 112° meeting of Società Botanica Italiana. Parma (Italy)
- 09/2016 13th European Grassland Conference “Management and Conservation of Semi-Natural grasslands: from theory to practice”. Sighisoara (Romania)

Poster Session

- 05/2018 Bricca, A., Conti, L., Tardella, F.M., Catorci, A., Iocchi, M., Theurillat, J-P., Cutini, M., "Functional traits variation along elevation gradient are climate-context dependent: the case of sub-Mediterranean mountain grassland"; Book of Abstract; 27th Congress of European Vegetation Survey. Wroclaw (Poland)