

## Curriculum Vitae



### **Personal information**

Surname / First name **Burrascano Sabina**  
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Telephone  
E-mail [sabinaburrascano@gmail.com](mailto:sabinaburrascano@gmail.com), [sabina.burrascano@uniroma1.it](mailto:sabina.burrascano@uniroma1.it)  
Website [www.plantsdontlie.com](http://www.plantsdontlie.com)  
Nationality Italian  
Date of birth 21 June 1979  
Gender Female

### **Education & training**

#### *Education*

Dates	November 2005 - 5 February 2009
Title of qualification awarded	PhD in Ecological Science - with distinction
Principal subjects/occupational skills covered	Thesis title: "Analysis of the vegetation in old-growth forests of Central and Southern Apennines"
Organisation providing education and training	Sapienza University of Rome
Dates	November 1997 - 4 february 2004
Title of qualification awarded	Degree in Natural Sciences - 110/110 cum laude
Principal subjects/occupational skills covered	Thesis title: "Phytosociological analysis of the grasslands of Prenestini mountains (Central Latium)".
Organisation providing education and training	Sapienza University of Rome

## *Training*

Dates	October 2006
Title of qualification awarded	GIS advanced course attendance certificate
Principal subjects/occupational skills covered	Main features of the software package ESRI ArcGIS
Organisation providing education and training	Etruria telematica s.r.l.
Dates	July 2006
Title of qualification awarded	School in statistical methods for environment attendance certificate
Principal subjects/occupational skills covered	Environmental spatial and temporal data analysis
Organisation providing education and training	GRASPA (Gruppo di Ricerca per le Applicazioni della Statistica ai Problemi Ambientali).
Dates	February – March 2006
Title of qualification awarded	Attendance certificate of the lessons and fieldtrips of the MSc in GIS & Remote sensing
Principal subjects/occupational skills covered	GIS & Remote sensing
Organisation providing education and training	Institute of Geography and Earth Science” University of Wales – Aberystwith (UK)
Dates	January 2006
Title of qualification awarded	Attendance certificate
Principal subjects/occupational skills covered	Orthorectification of very high resolution satellite images
Organisation providing education and training	Engineering Faculty, Sapienza University of Rome

## Work experience

Dates	From 02-03-2009 to present
Occupation or position held	Post-Doctoral position in Old-growth forest dynamics and vegetation analysis
Main activities and responsibilities	Analysis of the data gathered during the project "Monitoring the old-growth forest network of Cilento and Vallo di Diano national Park" aimed at the publication in peer reviewed journals. Writing of proposal for new fundings on this topic.
Name and address of employer	Department of Environmental Biology, Sapienza University of Rome
Type of business or sector	Research
Dates	2007-2008
Occupation or position held	Partecipation in the research project: "Old-growth forests in Italian National Parks – floristic, structural and vegetational characterization and guidelines for conservation and management". Funded by Ministry of Environment and Protection of Land and Sea and performed by the Interuniversity Research Center Biodiversity, Phytosociology and Landscape Ecology.
Main activities and responsibilities	Partecipating in the coordination of the project, gathering contributes from different research units, organizing the database and the final report. Partecipation in the research unit for several National Parks, selecting survey sites, carrying out fieldwork, data organization and final report.
Name and address of employer	Department of Plant Biology, Sapienza University of Rome
Type of business or sector	Research
Dates	2007-2008
Occupation or position held	Partecipation in the research project: Monitoring the old-growth forest network of Cilento and Vallo di Diano national Park. POR Campania 2000-2006 ASSE I – RISORSE MISURA 1.9
Main activities and responsibilities	Partecipating in the coordination of the project, selecting survey sites, gathering contributes from different research units, organizing the database and the final report. Partecipation in the vascular plant research unit, carrying out fieldwork, data organization and final report.
Name and address of employer	Department of Plant Biology, Sapienza University of Rome
Type of business or sector	Research

Dates	December 2004 – October 2005
Occupation or position held	Partecipation in the Convention on Completion of Naturalistic Knowledge in Italy
Main activities and responsibilities	Field work in Circeo National Park, revision of the regional monographs of the potential vegetation national map.
Name and address of employer	Department of Plant Biology, Sapienza University of Rome
Type of business or sector	Research
Dates	April 2004 – December 2004
Occupation or position held	Partecipation in the research project "Models of sustainable management of forest ecosystems for the conservation of complexity and biological diversity" PRIN 2003 funded by the Ministry of education, University and Research.
Main activities and responsibilities	Partecipation in the Research Unit of Rome, field work, geodatabase management, interpretation of aerial photographs and of the data collected in the field.
Name and address of employer	Department of Plant Biology, Sapienza University of Rome
Type of business or sector	Research

## University teaching

Dates	2010/2011
Occupation or position held	Teacher of the master course in Land Management and Improvement, Faculty of Geography
Main activities and responsibilities	Teacher of the course in Geobotany and vegetation dynamics
Name and address of employer	Faculty of Geography, Sapienza University of Rome
Dates	2010/2011
Occupation or position held	Teacher of the master course in Land Management and Improvement
Main activities and responsibilities	Guide of the Geobotany excursion on the Lucretili Mountains
Name and address of employer	Faculty of Geography, Sapienza University of Rome

Dates	2010
Occupation or position held	Teacher of the master course in Ecology and Land management
Main activities and responsibilities	Teacher of the Geobotamy course
Name and address of employer	Department of Plant Biology
Dates	September 2007 – January 2008
Occupation or position held	Student's advisor
Main activities and responsibilities	Helping students in the master course in Biodiversity and Nature Conservation to achieve their learning goals through GIS practical lessons
Name and address of employer	Sapienza Università di Roma
Dates	September 2007
Occupation or position held	Teacher of the master course in Land Management and Improvement
Main activities and responsibilities	Guide of a 3-day excursions focused on vegetation sampling methods
Name and address of employer	Department of Plant Biology, Sapienza University of Rome
Dates	July 2006
Occupation or position held	Teacher of the master course in Land Management and Improvement
Main activities and responsibilities	Guide of a 3-day excursions focused on vegetation sampling methods 35 ore di lezione sui metodi di rilevamento della vegetazione
Name and address of employer	Department of Plant Biology, Sapienza University of Rome

## Publications

### Publications on ISI journals

1. Blasi C., Tilia A., Rosati L., Del Vico E., Copiz R., Ciaschetti G., **Burrascano S.**, in press. Geographical and ecological differentiation in Italian mesophilous pastures referred to the alliance *Cynosurion cristati* Tx. 1947. *Phytocoenologia*.
- Burrascano S.**, Sabatini F.M., Blasi C., 2011. Testing indicators of Sustainable Forest Management on understorey composition and diversity in southern Italy through variation partitioning. *Plant Ecology* 212: 829-841.
2. **Burrascano S.**, 2010. On the terms used to refer to 'natural' forests: a response to Veen et al.. *Biodiversity and Conservation* 19: 3301-3305.
3. Blasi C., Marchetti M., Chiavetta U., Aleffi M., Audisio P., Brunialti G., Persiani A., Ravera S., **Burrascano S.**, 2010. Multi-taxon and forest structure sampling for identification of indicators and monitoring of old-growth forest. *Plant Biosystems* 144:160-170.
4. Brunialti G., Frati L., Aleffi M., Marignani M., Rosati L., **Burrascano S.**, Ravera S., 2010. Lichens and bryophytes as indicators of old-growth features in Mediterranean forests. *Plant Biosystems* 144:221-233.
5. Ricotta C., **Burrascano S.**, Blasi C., 2010. Incorporating functional dissimilarities into sampled-based rarefaction curves: From taxon resampling to functional resampling. *Journal of Vegetation Science* 21: 280-286.
6. Blasi C., Rosati L., Del Vico E., **Burrascano S.**, Di Pietro R., 2009. *Cynosurion cristati* grasslands in the Central Apennines (Tyrrhenian sector): A phytosociological survey in the Lepini and Prenestini mountains. *Plant Biosystems* 143:S69-77.
7. **Burrascano S.**, Rosati L., Blasi C., 2009. Plant species diversity in Mediterranean old-growth forests: a case study from central Italy. *Plant Biosystems* 143: 190-200.
8. Ricotta C., **Burrascano S.**, 2009. Testing for differences in beta diversity with asymmetric dissimilarities. *Ecological Indicators* 9: 719-724.

9. **Burrascano S.**, Lombardi F., Marchetti M., 2008. Old-growth forest structure and deadwood: are they indicators of plant species composition? A case study from central Italy. *Plant Biosystems* 142: 313-323.
10. Ricotta C., **Burrascano S.**, 2008. Beta diversity for functional ecology. *Preslia* 80:61-71.

*Publications on  
National journals*

11. Sabatini F.M., **Burrascano S.**, Blasi C., in press. Niche heterogeneity and old-growth forests conservation value. *Italia Forestale e Montana* 65 (5).
12. **Burrascano S.**, Rosati L., Blasi C., 2009. Le foreste vetuste nei Parchi Nazionali d'Italia. *Natura Bresciana* 36: 171-177.
13. Azzella M.M., **Burrascano S.**, 2008 . Notulae alla checklist della flora vascolare italiana, Notula 1481. Soldanella calabrella Kress. *Informatore Botanico Italiano* 40(2): 251-252.
14. **Burrascano S.**, Del Vico E., Di Pietro R., 2007. Aggiornamento della lista dei syntaxa segnalati per la Regione Lazio (2000-2004). *Fitosociologia* 44 (1) suppl.1: 107-120.
15. Copiz R., **Burrascano S.**, Del Vico E., Rosati L., Zavattoni L., Blasi C., 2007. Gli habitat di interesse comunitario (Direttiva 92/43/CEE) nel Lazio: stato attuale, emergenze e criticità. *Fitosociologia*, 44 (2) suppl. 1: 167-170.
16. Di Pietro R., **Burrascano S.**, Blasi C., 2006. Sulla presenza dell'Alyso-Sedion sui Monti Prenestini. *Allionia* 40: 39-50.

*Publications on  
books/monographs*

17. Blasi C., **Burrascano S.**, Maturani A., Sabatini F.M., Old-growth forests in Italy. Palombi Editori. Roma
18. Blasi C., **Burrascano S.**, Maturani A., Sabatini F.M., Foreste Vetuste in Italia. Palombi Editori. Roma.

19. Burrascano S., 2008 in: Calvario E., Sebasti S., Copiz R., Salomone F., Brunelli M., Tallone G., Blasi C. "Habitat e specie di interesse comunitario del Lazio" (Habitats and species of community interest in Latium). Regione Lazio. Pp. 40-41; 46-61; 104-107; 116-117.

*Proceedings*

**Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Pretto F., Blasi C., Can  $\beta$ -diversity drive dry pastures conservation priorities?. Grasslands Science in Europe 16, Grassland farming and management systems in mountainous regions: 493-495.

*On-line publications*

Biondi E., Blasi C., **Burrascano S.**, Casavecchia S., Copiz R., Del Vico E., Galdenzi D., Gigante D., Lasen C., Spampinato G., Venanzoni R., Zivkovic L.. Manuale Italiano di interpretazione degli habitat della Direttiva 92/43/CEE – Italian interpretation manual of the 92/43/EEC Directive Habitats. Available via: <http://vnr.unipg.it/habitat/index.jsp> (in Italian).

**Burrascano S.**, Caccianiga M., Gigante D., 2010. Dry grasslands habitat types in Italy in: Bulletin 9 of the European dry grasslands group. Available via: [http://www.edgg.org/publ/bulletin/Bulletin\\_EDGG\\_09.pdf](http://www.edgg.org/publ/bulletin/Bulletin_EDGG_09.pdf)

**Conferences presentations**

*As a speaker*

Symposium of the Federation Internationale de Phytosociologie. 13-17 September. Valencia. **Burrascano S.**, Sabatini F., Blasi C., Towards a southern European old-growth forests network.

European Grassland Federation Symposium 2011 - Grassland farming and management systems in mountainous regions. 28-31 August. Gumpenstein (Austria). **Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Pretto F., Blasi C., Can  $\beta$ -diversity drive dry pastures conservation priorities?.

Workshop of the Società Botanica Italiana "Semi-natural grasslands of the habitats 6210, 62A0 and 6510: identification, management and monitoring". 27-28 October 2010. Padova. **Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Pretto F., Tilia A., Blasi C., Influenza dei fattori geografici ed ecologici sulla variazione in beta-diversità delle praterie aride: indagine a differenti scale spaziali (Influence of geographic and ecological factors on dry grasslands beta-diversity variation: a study at multiple spatial scales).

National Conference on old-growth forests in Italy: Identification, Characterization, Management. 25-26 giugno 2010. Prati di Tivo, Pietracamela (Teramo). **Burrascano S.**, Biodiversità e bioindicatori nei boschi vetusti italiani: il ruolo della flora vascolare (Biodiversity and bio-indicators in Italian old-growth forests: the role of vascular plants).

The 7th European Dry Grasslands Group Meeting. Succession, restoration and management of dry grasslands. 28-31 May 2010. Smolenice, Congress Centre of Slovak Academy of Sciences, Slovak Republic. **S. Burrascano**, E. Carli, R. Copiz, E. Del Vico, L. Facioni, F. Pretto, L. Rosati, A. Tilia, C. Blasi. Ecological characterization of central Italy dry pastures belonging to habitats 6210 and 6220.

1° Workshop "Monitoring and research in permanent plots in Italian forests". Sardagna (TN). 21-23 May 2008. **Burrascano S.**. Il ruolo dell'analisi floristica e vegetazionale nello studio della struttura e della dinamica forestale (The role of vegetation analyses in the study of forest structure and dynamics).

44° Congresso Nazionale Società Italiana di Scienza della Vegetazione. 27-29 febbraio 2008. Ravenna. Rosati L., **Burrascano S.**, Marignani M., Blasi C.. Old-growth forest and biodiversity conservation: what about Mediterranean ecosystems?

Le foreste di pianura: dinamica e ripristino ambientale. 19-20 ottobre 2007. Brescia. Blasi C., **Burrascano S.**, Rosati L.. Il progetto "boschi vetusti nei Parchi nazionali in Italia" (The project "old-growth forests in Italian National Parks").

*As a co-author*

Symposium of the Federation Internationale de Phytosociologie. 13-17 September. Valencia. Sabatini F.M., **Burrascano S.**, Blasi C., Causes and determinants of beta-diversity in southern European old-growth forests.

105° Congresso della Società Botanica Italiana. 25-27 Agosto 2010. Milano. Marignani M., Anzellotti I., Azzella M.M., Bonacquisti S., **Burrascano S.**, Carli E., Celesti-Grappo L., Capotorti G., Copiz R., Del Vico E., Facioni L., Fipaldini M., Frondoni R., Lattanzi E., Mollo B., Pretto F., Smiraglia D., Tilia A., Zattero L., Blasi C.. La strategia globale per la conservazione delle piante può guidare le azioni di conservazione a livello nazionale? (Can the Global strategy for Plant Conservation be a driver for conservation planning at the National level?)

- XXIII IUFRO World congress. 23-28 Agosto 2010. Seoul. Sub-plenary session: Can forestry and forest sector activities contribute to mitigating climate change? – Keeton W.S., **Burrascano S.**, Bihun Y., Chen J., Chernyavsky M., Commarmot B., Franklin J.F., Gratzner G., Nunery J., Pucko C., Spies T., Swanson M.E.. A global analysis of temperate old-growth forests: commonality and variability in carbon storage and co-varying ecosystem functions.
- 94th ESA (Ecological Society of America) Annual Meeting. 2-7 Agosto 2009. Albuquerque, New Mexico (USA). Keeton W.S., **Burrascano S.**, Chen J., Chernyavsky M., Commarmot B., Franklin J.F., Larson A.J., Lindenmayer D.B, Nunery J.S., Spies T.A., Swanson M., Van Pelt R.. A global analysis of temperate old-growth forests: commonality and variability in structure and function (COS 51-9).
- SUPPORTING THE LIFE: Le piante vascolari come determinanti della diversità biologica. Firenze. 11 Dicembre. Marignani M., Rosati L., Ricotta C., **Burrascano S.**, Del Vico E., Bonacquisti S., Blasi C.. Congruenza tra gruppi tassonomici (piante vascolari, briofite, licheni, funghi, insetti e vertebrati) per la gestione in foreste vetuste mediterranee. (Cross-taxon congruence for Mediterranean old-growth forests management).

<b>Personal skills and competences</b>	
Mother tongue	Italian
Other language	English
Self-assessment	Advanced level in comprehension and speaking, reading and writing. Trinity College Graded examination in spoken English for speakers of other languages – Grade 10.
European level	C1 Level in the Common European Framework of Reference – CEFR
Other language	Spanish
Self-assessment	Basic level in comprehension, speaking and writing. Good level in reading.
Social skills and competences	<p>Good social skills that I developed in many different working and social experiences since I was a student. In particular my social skills had very important improvements during two period I spent abroad working in different departements:</p> <p>the Institute of Geography and Earth Science of the University of Wales – Aberystwith (UK), in which I spent a period of about 3 months in the year 2006;</p> <p>the Rubenstein school of Environment and Natural Resources of the University of Vermont (USA) in which I spent a period of about 3 months in 2009.</p> <p>In these occasions I had to quickly establish good relationships with the team I worked with using my second language. In both occasions I built very constructive relations with my new colleagues accomplishing my tasks in the new working environments.</p>
Organisational skills and competences	Good organizational skills acquired during the participation in the coordination of important research projects such as those to which I participated during the years 2007-2008. In these occasions I had to deal with all sorts of different organizational problems ranging from the coordination of several research units during fieldwork and data organization.
Technical skills and competences	My technical skills and competences include all the main ones required in the analysis of vegetation, from vascular plant species identification, to sampling methodologies, data handling, GIS and statistical analysis.

Computer skills and competences	<p>Advanced knowledge of Microsoft Office package (Word, Outlook, Powerpoint, Excel, Access).</p> <p>Good knowledge of statistical analysis softwares (SPSS, CANOCO, Syntax2000, S+, R).</p> <p>Good knowledge of softwares for Geographic Information Services and remote sensing (ArcGIS, ArcView, ENVI, ERDAS, eCognition)</p>
Driving licence	Car driving license