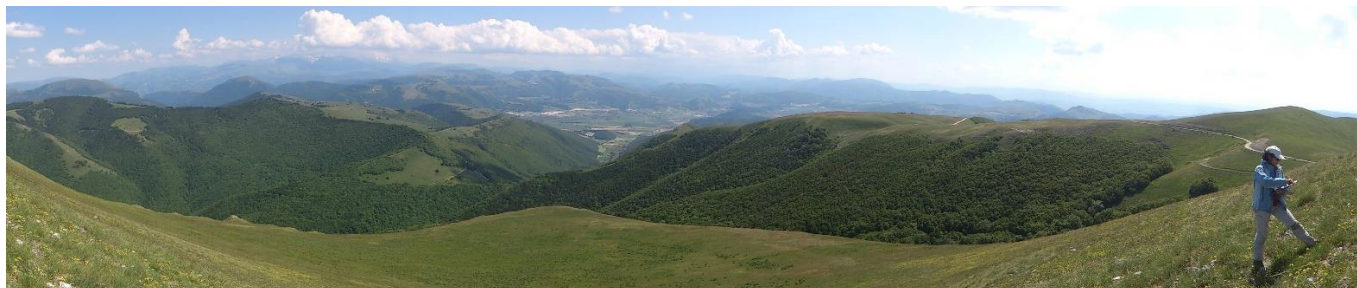


Sabina Burrascano Curriculum Vitae



General Information

Full Name	Sabina Burrascano
Date of Birth	June 21st 1979
Place of Birth	Rome
Citizenship	Italian
Permanent Address	P.le Aldo Moro 5, 00185, Rome
Office Phone Number	+39 0649912845
E-mail	sabina.burrascano@uniroma1.it
Website	www.plantsdontlie.com
Spoken Languages	Italian, english

Education and Scientific Qualification

Type	Year	Institution	Notes (Degree, Experience)
National Scientific Abilitation	2014	Ministry of Education, University and Research	Abilitation as Associate Professor for the sector Botany issued on November 28, 2014
PhD	2009	Sapienza University of Rome	PhD in Ecology, Thesis: Analysis of plant composition and diversity in the old-growth forests of central and southern Apennine
Master Degree	2004	Sapienza University of Rome	MSc in Sciences of Nature, Conservation of Nature and its Resources, votation 110/110 cum laude, thesis: Vegetation analysis of the grasslands of Prenestini Mts.

Summary of Scientific Achievements (ISI products are always intended as ISI core collection products)

Product type	Number	Start	End
Papers [ISI core collection]	31	2008	2017
Papers [Scopus and National journals]	7	2006	2015
Books & monographies	4	2008	2013
New Flora Records	1	2008	2008
Conference proceedings [in extenso]	2	2007	2011
Speaker at international conferences (invited)	8 (2)	2010	2015
Speaker at national conferences/workshops (invited)	6 (2)	2008	2012
H-index	11	2008	2017
Total citations	419	2008	2017

Academic Appointments

Start	End	Institution	Position
February 15, 2017	Ongoing	Dipartimento di Biologia Ambientale Sapienza University of Rome	Tenure track assistant professor
April 1, 2014	February 14, 2017	Dipartimento di Biologia Ambientale Sapienza University of Rome	Temporary Researcher - RTD tipologia A (BIO/03)
August 1, 2013	March 31, 2014	Dipartimento di Biologia Ambientale Sapienza University of Rome	Research fellow - Assegnista di Ricerca (BIO/03)
August 1, 2011	July 31, 2013	Dipartimento di Biologia Ambientale Sapienza University of Rome	Research fellow - Assegnista di Ricerca (BIO/03)
March 1, 2009	February 28, 2011	Dipartimento di Biologia Ambientale Sapienza University of Rome	Research fellow - Assegnista di Ricerca (BIO/03)

As visiting scientists

Start	End	Institution	Position
September 2009	November 2009	The Rubenstein school of Environment and Natural Resources of the University of Vermont (USA)	Topic: Global meta-analysis of temperate old-growth forests (co- funded by the University of Vermont).
January 2006	March 2006	Institute of Geography and Earth Science of University of Wales (UK)	Topic: detection of old-growth forests in Italy using remote sensing data

Teaching experience

Academic Year	Institution	Lecture/Course
2017-2018	Facoltà di Scienze Matematiche, Fisiche e Naturali	Lecturer of 'Conservazione delle Risorse Forestali' (6 CFU) for the Master course in Sciences of Nature
2010-2017	Dipartimento di Scienze Documentarie, Linguistico-Filologiche e Geografiche	Lecturer of 'Geobotanica e Dinamica della Vegetazione' (6 CFU) for the Master Course "Gestione e Valorizzazione del Territorio"
2010-2011	Dipartimento di Scienze Documentarie, Linguistico-Filologiche e Geografiche	Guide of the excursion to the Lucretili Mts. (2 CFU) for the Master Course "Gestione e Valorizzazione del Territorio"
2009-2010	Dipartimento di Biologia Ambientale	Lecturer of 'Geobotanica' for the II level Master 'Landscape Ecology and Environmental Planning'
2007-2008	Facoltà di Scienze Matematiche, Fisiche e Naturali	Students' advisor for the area Scienze Naturali e Scienze Ambientali (attività di Tutorato)
2006-2007	Dipartimento di Biologia Vegetale	35 lesson hours on the methods for the analysis of vegetation for the II level master 'Landscape Ecology and Environmental Planning'
2004-2005	Dipartimento di Biologia Vegetale	35 lesson hours on the methods for the analysis of vegetation for the II level master 'Landscape Ecology and Environmental Planning'

Society memberships

Year	Title
Since 2015	Member of the IAVS (International Association of Vegetation Science)
Since 2010	Member of the Eurasian Dry Grassland Group (EDGG)
Since 2005	Member of the SISV (Società Italiana di Scienza della Vegetazione) formerly known as SIF (Società Italiana di Fitosociologia)
Since 2006	Member of the SBI (Società Botanica Italiana)

Funding Information [grants as PI-principal investigators or I-investigator]

Year	Title	Program	Grant value (€)
2015	More than trees: a European scientific network to assess patterns and congruences of multi-taxon forest biodiversity and structure	Ricerche Universitarie Sapienza Università di Roma	8,000
2014	MAES - Mapping and Assessment of Ecosystems and their Services	Ricerche Universitarie Sapienza Università di Roma	60,000
2013	Old-growth forests in the National Parks of southern Italy	Ministero Ambiente e Protezione del Territorio e del Mare	71,000
2013	BROMUS: Biodiversity Research On Mountain Unstable Systems	Ricerche Universitarie Sapienza Università di Roma	5,200
2012	FAGUS – Forests of the Apennines: Good practices to Conjugate Use and Sustainability	LIFE+ 2011	1,244,000
2012	Biological diversity and structural heterogeneity in old-growth forests of Italian Apennines	Ricerche Universitarie Sapienza Università di Roma	7,000
2009	Monitoraggio alla rete dei boschi vetusti del PNCVD	POR Campania 2000-2006 ASSE I – RISORSE MISURA 1.9	1,044,948
2007	Le Foreste Vetuste nei Parchi Nazionali Italiani	Ministero Ambiente e Protezione del Territorio e del Mare	371,666
2005	Completamento delle Conoscenze Naturalistiche di Base in Italia	Ministero Ambiente e Protezione del Territorio e del Mare	2,788,000
2004	Models of sustainable management for complexity and biodiversity	PRIN 2003	19,000

Publication record

ISI core collection publications (*indicates equal contribution)

1. Sabatini F.M., Jiménez-Alfaro B., **Burrascano S.**, Lora A., Chytrý M., *in press*. Beta-diversity of Central European forests decreases along an elevational gradient due to the variation in local community assembly processes. *Ecography*.
2. **Burrascano S.**, Chytrý M., Kuemmerle T., Giarrizzo E., Luyssaert S., Sabatini F.M., Blasi C., 2016. Current European policies are unlikely to jointly foster carbon sequestration and protect biodiversity. *Biological Conservation* 201: 370-376.
3. Giarrizzo E., **Burrascano S.**, Chiti T., de Bello F., Lepš J., Zavatiero L., Blasi C., 2016. Re-visiting historical semi-natural grasslands in the Apennines to assess patterns of changes in species composition and functional traits. *Applied Vegetation Science* 20: 247-258.

4. Sabatini* F.M., **Burrascano* S.**, Azzella M.M., Barbati A., De Paulis S., Di Santo D., Facioni L., Giuliarelli D., Lombardi F., Maggi O., Mattioli W., Parisi F., Persiani A., Ravera S., Blasi C., 2016. One taxon does not fit all: Herb-layer diversity and stand structural complexity are weak predictors of biodiversity in *Fagus sylvatica* forests. *Ecological Indicators* 69: 126-137.
5. Facioni L., **Burrascano S.**, Del Vico E., Rosati L., Tilia A., Blasi C., 2015. Phytosociological analysis of white oak (*Quercus pubescens* s. l.) woodlands and related successional stages in central Italy: spatial patterns and their drivers. *Phytocoenologia* 45:325-364.
6. **Burrascano S.**, Copiz R., Del Vico E., Fagiani S., Giarrizzo E., Mei M., Mortelliti A., Sabatini F.M., Blasi C., 2015. Wild boar rooting intensity determines shifts in understorey composition and functional traits. *Community Ecology* 16: 244-253.
7. **Burrascano S.**, Giarrizzo E., Bonacquisti S., Copiz R., Del Vico E., Fagiani S., Mortelliti A., Blasi C., *in press*. Quantifying *Sus scrofa* rooting effects on the understorey of the deciduous broadleaf forests in Castelporziano Estate (Italy). *Rendiconti Lincei Scienze Fisiche e Naturali* 26: 317-324.
8. Lombardi F., Marchetti M., Corona P., Merlini P., Chirici G., Tognetti R., **Burrascano S.**, Alivernini A., Puletti N., 2015. Quantifying the effect of sampling plot size on the estimation of structural indicators in old-growth forest stands. *Forest Ecology and Management* 346: 89-97.
9. Abbate G., Bonacquisti S., **Burrascano S.**, Giovi E., Giuliani A., Pretto F., Scassellati E., 2015. Woody flora as a predictor of vascular plant richness: An insight in Italy. *Plant Biosystems* 149: 565-573.
10. Sabatini F.M., Zanini M., Dowgiallo G., **Burrascano S.**, 2015. Multiscale heterogeneity of topsoil properties in southern European old-growth forests. *European Journal of Forest Research* 134: 911-925.
11. Sabatini F.M., Jimenez-Alfaro B., **Burrascano S.**, Blasi C., 2014. Drivers of herb-layer species diversity in two unmanaged temperate forests in northern Spain. *Community Ecology* 15: 147-157.
12. Sabatini F.M., **Burrascano S.**, Lombardi F., Chirici G., Blasi C., 2014. An index of structural complexity for Apennine beech forests. *iForest* 8: 314-323.
13. Sabatini F.M., **Burrascano S.**, Tuomisto H., Blasi C., 2014. Ground layer plant species turnover and beta diversity in Southern-European old-growth forests. *PLOS ONE* 9: e95244.
14. Fagiani S., Fipaldini D., Santarelli L., **Burrascano S.**, Del Vico E., Giarrizzo E., Mei M., Taglianti A.V., Boitani L., Mortelliti A., 2014. Monitoring protocols for the evaluation of the impact of wild boar (*Sus scrofa*) rooting on plants and animals in forest ecosystems. *Hystrix - Italian Journal of Mammalogy* 25: 31-38.

15. Catorci A., Cesaretti S., Velasquez J.L., **Burrascano S.**, Zeballos H., 2013. Management type affects composition and facilitative processes in altoandine dry grassland. *Acta Oecologica* 52: 19-28.
16. **Burrascano S.**, Keeton W.S., Sabatini F.M., Blasi C., 2013. Commonality and variability in the structural attributes of moist temperate old-growth forests: A global review. *Forest Ecology and Management* 291:458-479.
17. Blasi C., **Burrascano S.**, 2013. The role of plant sociology in the study and management of European forest ecosystems. *IForest* 6: 55-58.
18. **Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Pretto F., Sabatini F.M., Tilia A., Blasi C., 2013. Drivers of beta-diversity variation in *Bromus erectus* semi-natural dry grasslands. *Applied Vegetation Science* 16: 404-416.
19. Capotorti G., Zavattero L., Anzellotti I., **Burrascano S.**, Frondoni R., Marchetti M., Marignani M., Smiraglia D., Blasi C., 2012. Do National Parks play an active role in conserving the natural capital of Italy? *Plant Biosystems* 146: 258-265.
20. Blasi C., Facioni L., **Burrascano S.**, Del Vico E., Tilia A., Rosati L., 2012. Submediterranean dry grasslands along the Tyrrhenian sector of central Italy: Synecology, syndynamics and syntaxonomy. *Plant Biosystems* 146: 266-290.
21. Blasi C., Tilia A., Rosati L., Del Vico E., Copiz R., Ciaschetti G., **Burrascano S.**, 2012. Geographical and ecological differentiation in Italian mesophilous pastures referred to the alliance *Cynosurion cristati* Tx. 1947. *Phytocoenologia* 41:217-229.
22. **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.
23. **Burrascano S.**, 2010. On the terms used to refer to 'natural' forests: a response to Veen et al.. *Biodiversity and Conservation* 19: 3301-3305.
24. 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.
25. 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.
26. 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.

27. 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.
28. **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.
29. Ricotta C., **Burrascano S.**, 2009. Testing for differences in beta diversity with asymmetric dissimilarities. *Ecological Indicators* 9: 719-724.
30. **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.
31. Ricotta C., **Burrascano S.**, 2008. Beta diversity for functional ecology. *Preslia* 80:61-71.

Publications on non-ISI journals

32. Giarrizzo E., **Burrascano S.**, Zattero L., Blasi C., 2015. New methodological insights for the assessment of temporal changes in semi-natural dry grasslands. *Hacquetia* 14: 19-32. Indexed in Scopus.
33. Biondi E., **Burrascano S.**, Casavecchia S., Copiz R., Del Vico E., Galdenzi D., Gigante D., Lasen C., Spampinato G., Venanzoni R., Zivkovic L., Blasi C., 2012. Diagnosis and syntaxonomic interpretation of Annex I Habitats (Dir. 92/43/EEC) in Italy at the alliance level. *Plant sociology* 49: 5-37. Indexed in Scopus.
34. Sabatini F.M., **Burrascano S.**, Blasi C., 2010. Niche heterogeneity and old-growth forests conservation value. *Italia Forestale e Montana* 65: 621-636. Indexed in Open Journal System.
35. **Burrascano S.**, Caccianiga M., Gigante D., 2009. Dry grasslands habitat types in Italy. *EDGG Bulletin* 9: 3-10.
36. **Burrascano S.**, Rosati L., Blasi C., 2009. Le foreste vetuste nei Parchi Nazionali d'Italia. *Natura Bresciana* 36: 171-177.
37. **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. Indexed in Scopus.
38. Di Pietro R., **Burrascano S.**, Blasi C., 2006. Sulla presenza dell'Alyso-Sedion sui Monti Prenestini. *Allionia* 40: 39-50.

Publications on books/monographs

39. **Burrascano S.**, Copiz R., 2013. Interpretazione e gestione degli habitat di interesse comunitario (Direttiva Habitat), pages 236-237 in: Primack R., Boitani L., *Biologia della Conservazione*. Zanichelli.

40. Blasi C., **Burrascano S.**, Maturani A., Sabatini F.M., Old-growth forests in Italy. Palombi Editori. Roma.
41. Blasi C., **Burrascano S.**, Maturani A., Sabatini F.M., Foreste Vetuste in Italia. Palombi Editori. Roma.
42. **Burrascano S.**, 2008. Schede di interpretazione habitat per la Regione Lazio in: Calvario E., Sebasti S., Copiz R., Salomone F., Brunelli M., Tallone G., Blasi C. "Habitat e specie di interesse comunitario del Lazio". Regione Lazio. Pp.: 40-41; 46-61; 104-107; 116-117.

New flora records

43. 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.

Conference proceedings

44. **Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Pretto F. and Blasi C. 2011. Can β -diversity drive dry grasslands conservation priority? In Pötsch E.M., Krautzer B., Hopkins A., Grassland Farming and Land Management Systems in Mountainous Regions - Proceedings of the 16th Symposium of the European Grassland Federation Gumpenstein, Austria August 29th - August 31st 2011. Grassland Science in Europe 16: 493-495.
45. Copiz R., **Burrascano S.**, Del Vico E., Rosati L., Zattero 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.

Speaker at conferences

International Conferences

1. *European Ecological Federation Congress 2015*, Rome April 21-25. **Burrascano S.**, Giarrizzo E., Zattero L., Facioni L., de Bello F., Blasi C., Re-visiting historical semi-natural grasslands plots to assess shifts in plant functional traits. Invited speaker.
2. *International Association for Vegetation Science Symposium 2015*, Brno July 19-24. **Burrascano S.**, Chytrý M., Kuemmerle T., Giarrizzo E., Luyssaert S., Sabatini F.M., Blasi C., Conflicts between climate change mitigation and biodiversity conservation in Europe: how can vegetation science help sinking carbon without sinking grassland biodiversity?
3. *International Plant Science Conference of Società Botanica Italiana 2015*, Firenze September 2-5. **Burrascano S.**, Copiz R., Del Vico E., Facioni L., Giarrizzo E., Sabatini F.M., Zanini M., Zattero L., Blasi C., A dynamic key to integrate grassland and forest sustainable management in a global change perspective.
4. *Federation Internationale de Phytosociologie (FIP) International Conference 2013*, Rome April 10 2013. **Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Giarrizzo E., Pretto F., Sabatini F.M., Tilia A., Blasi C. Drivers of beta-diversity variation in *Bromus erectus* semi-natural dry grasslands.

5. *Federation Internationale de Phytosociologie (FIP) International Conference 2011*, Valencia September 13-17. **Burrascano S.**, Sabatini F., Blasi C. Towards a southern European old-growth forests network.
6. *European Grassland Federation Symposium 2011*. Gumpenstein August 28-31 August. **Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Pretto F., Blasi C., Can β -diversity drive dry grasslands conservation priority?
7. *Eastern Alpine and Dinaric Society for Vegetation Ecology Symposium 2011*. Camerino May 24-28. **Burrascano S.**, Anzellotti I., Carli E., Del Vico E., Facioni L., Pretto F., Tilia A., Blasi C., β -diversity patterns in calcareous semi-natural dry grassland as a tool for their conservation planning. Invited speaker.
8. *European Dry Grasslands Group Meeting 2010*, Smolenice (Slovak Republic) May 28-31. **Burrascano S.**, Carli E., Copiz R., Del Vico E., Facioni L., Pretto F., Rosati L., Tilia A., Blasi C., Ecological characterization of central Italy dry pastures belonging to habitats 6210 and 6220.

National Conferences and Workshops

9. *Summer school della scuola di dottorato in Ingegneria e Scienze per l'Ambiente e il Territorio – Università degli Studi di Cagliari 2012*. Bono (SS) September 25-28. **Burrascano S.**, Conservazione della biodiversità e gestione forestale: la lezione delle foreste vetuste. Invited speaker.
10. *Workshop del Parco Nazionale del Gran Sasso e Monti della Laga 2012*. Barisciano (AQ) June 22. **Burrascano S.**, Sabatini F.M., Blasi C., Monitoraggio della biodiversità per una gestione forestale sostenibile. Invited speaker.
11. *Workshop della Società Botanica Italiana 2011*. Trevi (PG) October 6-8. Blasi C., Tilia A., Rosati L., Del Vico E., Copiz R., Ciaschetti G., **Burrascano S.**, Geographical and Ecological differentiation in Italian mesophilous pastures referred to the alliance Cynosurion cristati Tx. 1947.
12. *Workshop della Società Botanica Italiana 2010*. Padova October 27-28. **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.
13. *Convegno Nazionale Boschi Vetusti in Italia: Identificazione, Caratterizzazione, Gestione 2010*. Prati di Tivo (TE) June 25-26. **Burrascano S.**, Biodiversità e bioindicatori nei boschi vetusti italiani: il ruolo della flora vascolare.
14. *Workshop SISEF-SISV (Società Italiana di Selvicoltura ed Ecologia Forestale-Società Italiana di Scienza della Vegetazione) 2008*. Sardinia (TN) May 21-23. **Burrascano S.**, Il ruolo dell'analisi floristica e vegetazionale nello studio della struttura e della dinamica forestale.