

Francesco de Bello

Curriculum vitae

1. Personal Information

Born in Florence, Italy, 17-March-1974

Permanent address: Alesova 8, 37001, Ceske Budejovice

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2. Present positions

Researcher at the Institute of Botany, Czech Academy of Sciences and at the Department of Botany, Faculty of Sciences, University of South Bohemia.

3. Publications records *[October 2014]*

Total number of citations currently in WoS: 72 (see list [at section 10](#))

H-index : 25

Sum of Times Cited without self-citations : 1649

4. Education and employment

2009-present: Researcher at the Institute of Botany, Czech Academy of Sciences and at the department, Department of Botany, Faculty of Sciences, University of South Bohemia.

2008-2009: Post-doc at CNRS with Wildried Thuiller, Grenoble, France (18 months)

2007-2008: Post-doc at CNRS with Sandra Lavorel, Grenoble, France (18 months)

2006: Post-doc at Univ. of S. Bohemia with Jan Lepš, C. Budejovice, Czech Rep. (6 months)

2006: Post-doc at ETH with Nina Buchmann, Zurich, Switzerland (5 months)

2001-2005: Ph.D. (cum laude) in Plant Ecology, University of Lleida, Spain. Directed by Maria-Teresa Sebastià (Spain), co-directed by Jan Lepš (Czech Republic).

2003: Team coordinator of rural developing projects in El Salvador, Central America

2000: M.Sc. (cum laude) Tropical and Subtropical Agronomy, University of Florence (Italy).

5. Teaching and supervising experience

5.1 Teaching

-Main lector, together with Matty Berg and Sylvain Doledec, of the course "The use of trait based approaches in community ecology and stress ecology"

(http://www1.ci.uc.pt/imar/traits_13/). 80h course taught every 2nd year (in 2013 it will be the 3rd edition) at the University of Coimbra

-Main lector, together with Marco Moretti, of the course "Functional traits in Ecology", 32 hours, taught at University of the Basque Country in April 2013.

-Main lector of the course "Functional traits in Ecology", 20 hours, taught at University of the South Bohemia every second year since 2009.

-Organizer of the "Quantitative Ecology" module for Master and PhD students taught at University of the South Bohemia (Fall 2011 and 2013).

(<http://botanika.prf.jcu.cz/quantecol/quantecol/Welcome.html>)

-Lector in the "Functional traits - International course", 40h taught every year since 2011

(http://www.fcm.uqam.ca/document/Functional_Traits_2013.pdf).

5.2 Supervising

At present I am supervising two PhD students (as main supervisor) and helping supervising two post-docs (together with Jan Lepš and Jitka Klimešová). I am also co-supervisor of a

PhD student in Portugal and one in Slovakia. Previously I helped supervising several PhD students (from Spain, France, Sweden and Estonia) and two post-docs (one from Italy and one from Czech Republic, working in Switzerland) resulting in several publications. Since I started my present position I hosted and supervised the visit (>1 month) in Czech Republic of various students (12) from different European Universities.

6. Awards

Cozzarelli Prize 2007 for PNAS articles of scientific excellence and originality
Sustainability Science Award from the Ecological Society of America 2009
Journal of Vegetation Science Editors' Award in 2009

7. Present and past projects

- Principal investigator of the project "Functional species pools: shedding light on the 'dark diversity' and its functions" (GACR 206/09/1471)
- Involved in Center of excellence - GACR 14-36079G - Plant diversity analysis and synthesis centre (PLADIAS)
- Involved in the project "From species traits to whole plant performance in the field: individual and population responses" (GACR 13-17118S)
- Involved in the project "Biology of hemiparasitic Rhinanthoid Orobanchaceae: scaling up from physiology to community level processes" (GACR P505/12/1390).
- Co-coordinator of the Czech-French exchange project "Biodiversity response to global change in the French Alps and West Himalayan floras" (CNRS APIC RT PICS PROJECT 4876)
- Post-doc in the EU project "Rationalising Biodiversity Conservation in Dynamic Ecosystems" Funded European Commission, Sixth Framework Programme, Contract Number: 036890.

8. Languages

Italian: mother tongue; Spanish, English, fluent; French and Catalan: oral fluent, written sufficient; Czech: basic.

9. Editorial work

Associate Editor in PLoS One
Associate Editor in Journal of Vegetation Science
Editorial Board in Frontiers in Functional Plant Ecology

10. Publications [Alphabetic order]

1. Albert, C.H., de Bello, F., Boulangeat, I., Pellet, G., Lavorel, S. & Thuiller, W. (2010) On the importance of intraspecific variability for the quantification of functional diversity. *Oikos*, **121**, 116-126. IF=3.3, TIMES CITED=22
2. Barnard, R.L., de Bello, F., Gilgen, A.K. & Buchmann, N. (2006) The delta O-18 of root crown water best reflects source water delta O-18 in different types of herbaceous species. *Rapid Communications in Mass Spectrometry*, **20**, 3799-3802. IF=2.5, TIMES CITED=4
3. Bila, K., Moretti, M., de Bello, F., Dias, A.T.C., Pezzatti, G.B., Van Oosten, A.R. & Berg, M.P. (2014) Disentangling community functional components in a litter-macrodetrivore model system reveals the predominance of the mass ratio hypothesis. *Ecology and Evolution*, **4**, 408-416. IF=1.2, TIMES CITED=0
4. Bouasria, A., Mustafa, T., De Bello, F., Zinger, L., Lemperiere, G., Geremia, R.A. & Choler, P. (2012) Changes in root-associated microbial communities are determined by species-specific plant growth responses to stress and disturbance. *European Journal of Soil Biology*, **52**, 59-66. IF=1.8, TIMES CITED=0
5. Carboni, M., de Bello, F., Janecek, S., Dolezal, J., Hornik, J., Leps, J., Reitalu, T. & Klimesova, J. (2014). Changes in trait divergence and convergence along a

- productivity gradient in wet meadows. *Agriculture Ecosystems & Environment*, **182**, 96-105. IF=1.8, TIMES CITED=2
6. Carmona, C.P., Azcarate, F.M., de Bello, F., Ollero, H.S., Leps, J. & Peco, B. (2012) Taxonomical and functional diversity turnover in Mediterranean grasslands: interactions between grazing, habitat type and rainfall. *Journal of Applied Ecology*, **49**, 1084-1093. IF=4.7, TIMES CITED=11
 7. Chalmandrier, L., Muenkemueller, T., Gallien, L., de Bello, F., Mazel, F., Lavergne, S. & Thuiller, W. (2013) A family of null models to distinguish between environmental filtering and biotic interactions in functional diversity patterns. *Journal of Vegetation Science*, **24**, 853-864. IF=2.8, TIMES CITED=2
 8. de Bello, F. (2012) The quest for trait convergence and divergence in community assembly: are null-models the magic wand? *Global Ecology and Biogeography*, **21**, 312-317. IF=7.2, TIMES CITED=22
 9. de Bello, F. & Mudrak, O. (2013) Plant traits as indicators: loss or gain of information? *Applied Vegetation Science*, **16**, 353-354. IF=2.3, TIMES CITED=1
 10. de Bello, F., Buchmann, N., Casals, P., Leps, J. & Sebastia, M.-T. (2009a) Relating plant species and functional diversity to community delta C-13 in NE Spain pastures. *Agriculture Ecosystems & Environment*, **131**, 303-307. IF=2.9, TIMES CITED=11
 11. de Bello, F., Carmona, C.P., Mason, N.W.H., Sebastia, M.-T. & Leps, J. (2013a) Which trait dissimilarity for functional diversity: trait means or trait overlap? *Journal of Vegetation Science*, **24**, 807-819. IF=2.8, TIMES CITED=3
 12. de Bello, F., Dolezal, J., Dvorsky, M., Chlumská, Z., Rehakova, K., Klimesova, J. & Klimes, L. (2011) Cushions of *Thylacospermum caespitosum* (Caryophyllaceae) do not facilitate other plants under extreme altitude and dry conditions in the north-west Himalayas. *Annals of Botany*, **108**, 567-573. IF=3.5, TIMES CITED=10
 13. de Bello, F., Dolezal, J., Ricotta, C. & Klimesova, J. (2011) Plant clonal traits, coexistence and turnover in East Ladakh, Trans-Himalaya. *Preslia*, **83**, 315-327. IF=2.8, TIMES CITED=4
 14. de Bello, F., Janecek, S., Leps, J., Dolezal, J., Mackova, J., Lanta, V. & Klimesova, J. (2012a) Different plant trait scaling in dry versus wet Central European meadows. *Journal of Vegetation Science*, **23**, 709-720. IF=2.8, TIMES CITED=4
 15. de Bello, F., Klimesova, J., Herben, T., Prach, K. & Smilauer, P. (2013b) Serious Research with Great Fun: the Strange Case of Jan Suspa Leps (and Other Plant Ecologists). *Folia Geobotanica*, **48**, 297-306. IF=1.6, TIMES CITED=0
 16. de Bello, F., Lavergne, S., Meynard, C.N., Leps, J. & Thuiller, W. (2010a) The partitioning of diversity: showing Theseus a way out of the labyrinth. *Journal of Vegetation Science*, **21**, 992-1000. IF=2.8, TIMES CITED=72
 17. de Bello, F., Lavorel, S., Albert, C.H., Thuiller, W., Grigulis, K., Dolezal, J., Janecek, S. & Leps, J. (2011c) Quantifying the relevance of intraspecific trait variability for functional diversity. *Methods in Ecology and Evolution*, **2**, 163-174. IF=5.9, TIMES CITED=21
 18. de Bello, F., Lavorel, S., Diaz, S., Harrington, R., Cornelissen, J.H.C., Bardgett, R.D., Berg, M.P., Cipriotti, P., Feld, C.K., Hering, D., da Silva, P.M., Potts, S.G., Sandin, L., Sousa, J.P., Storkey, J., Wardle, D.A. & Harrison, P.A. (2010b) Towards an assessment of multiple ecosystem processes and services via functional traits. *Biodiversity and Conservation*, **19**, 2873-2893. IF=2.3, TIMES CITED=90
 19. de Bello, F., Lavorel, S., Gerhold, P., Reier, U. & Partel, M. (2010) A biodiversity monitoring framework for practical conservation of grasslands and shrublands. *Biological Conservation*, **143**, 9-17. IF=3.8, TIMES CITED=31
 20. de Bello, F., Lavorel, S., Lavergne, S., Albert, C.H., Boulangeat, I., Mazel, F. & Thuiller, W. (2013) Hierarchical effects of environmental filters on the functional structure of plant communities: a case study in the French Alps. *Ecography*, **36**, 393-402. IF=5.1, TIMES CITED=8

21. de Bello, F., Leps, J. & Sebastia, M.-T. (2006) Variations in species and functional plant diversity along climatic and grazing gradients. *Ecography*, **29**, 801-810. IF=5.1, TIMES CITED=79
22. de Bello, F., Leps, J. & Sebastia, M.-T. (2007) Grazing effects on the species-area relationship: Variation along a climatic gradient in NE Spain. *Journal of Vegetation Science*, **18**, 25-34. IF=2.8, TIMES CITED=46
23. de Bello, F., Leps, J. & Sebastia, M.T. (2005) Predictive value of plant traits to grazing along a climatic gradient in the Mediterranean. *Journal of Applied Ecology*, **42**, 824-833. IF=4.7, TIMES CITED=80
24. de Bello, F., Leps, J., Lavorel, S. & Moretti, M. (2007) Importance of species abundance for assessment of trait composition: an example based on pollinator communities. *Community Ecology*, **8**, 163-170. IF=1.6, TIMES CITED=20
25. de Bello, F., Price, J.N., Muenkemueller, T., Liira, J., Zobel, M., Thuiller, W., Gerhold, P., Goetzenberger, L., Lavergne, S., Leps, J., Zobel, K. & Paertel, M. (2012) Functional species pool framework to test for biotic effects on community assembly. *Ecology*, **93**, 2263-2273. IF=5.2, TIMES CITED=21
26. de Bello, F., Thuiller, W., Leps, J., Choler, P., Clement, J.-C., Macek, P., Sebastia, M.-T. & Lavorel, S. (2009) Partitioning of functional diversity reveals the scale and extent of trait convergence and divergence. *Journal of Vegetation Science*, **20**, 475-486. IF=2.8, TIMES CITED=60
27. de Bello, F., Vandewalle, M., Reitalu, T., Leps, J., Prentice, H.C., Lavorel, S. & Sykes, M.T. (2013) Evidence for scale- and disturbance-dependent trait assembly patterns in dry semi-natural grasslands. *Journal of Ecology*, **101**, 1237-1244. IF=5.4, TIMES CITED=5
28. Dias, A.T.C., Berg, M.P., de Bello, F., Van Oosten, A.R., Bila, K. & Moretti, M. (2013) An experimental framework to identify community functional components driving ecosystem processes and services delivery. *Journal of Ecology*, **101**, 29-37. IF=5.4, TIMES CITED=7
29. Diaz, S., Lavorel, S., de Bello, F., Quetier, F., Grigulis, K. & Robson, M. (2007) Incorporating plant functional diversity effects in ecosystem service assessments. *Proceedings of the National Academy of Sciences of the United States of America*, **104**, 20684-20689. IF=9.7, TIMES CITED=279
30. Dolezal, J., Maskova, Z., Leps, J., Steinbachova, D., de Bello, F., Klimesova, J., Tackenberg, O., Zemek, F. & Kvet, J. (2011) Positive long-term effect of mulching on species and functional trait diversity in a nutrient-poor mountain meadow in Central Europe. *Agriculture Ecosystems & Environment*, **145**, 10-28. IF=2.9, TIMES CITED=12
31. Dvorsky, M., Dolezal, J., de Bello, F., Klimesova, J. & Klimes, L. (2011) Vegetation types of East Ladakh: species and growth form composition along main environmental gradients. *Applied Vegetation Science*, **14**, 132-147. IF=2.3, TIMES CITED=12
32. Dvorsky, M., Dolezal, J., Kopecky, M., Chlumská, Z., Janatkova, K., Altman, J., de Bello, F. & Rehakova, K. (2013) Testing the Stress-Gradient Hypothesis at the Roof of the World: Effects of the Cushion Plant *Thylacospermum caespitosum* on Species Assemblages. *Plos One*, **8**. IF=3.7, TIMES CITED=4
33. Feld, C.K., da Silva, P.M., Sousa, J.P., de Bello, F., Bugter, R., Grandin, U., Hering, D., Lavorel, S., Mountford, O., Pardo, I., Paertel, M., Roembke, J., Sandin, L., Jones, K.B. & Harrison, P. (2009) Indicators of biodiversity and ecosystem services: a synthesis across ecosystems and spatial scales. *Oikos*, **118**, 1862-1871. IF=3.3, TIMES CITED=52
34. Feld, C.K., de Bello, F. & Doledec, S. (2014). Biodiversity of traits and species both show weak responses to hydromorphological alteration in lowland river macroinvertebrates. *Freshwater Biology*, **59**, 233-248. IF=3.9, TIMES CITED=0
35. Gotzenberger, L., de Bello, F., Brathen, K.A., Davison, J., Dubuis, A., Guisan, A., Leps, J., Lindborg, R., Moora, M., Partel, M., Pellissier, L., Pottier, J., Vittoz, P.,

- Zobel, K. & Zobel, M. (2012) Ecological assembly rules in plant communities—approaches, patterns and prospects. *Biological Reviews*, **87**, 111-127. IF=10.3, TIMES CITED=54
36. Gross, N., Kunstler, G., Liancourt, P., de Bello, F., Suding, K.N. & Lavorel, S. (2009) Linking individual response to biotic interactions with community structure: a trait-based framework. *Functional Ecology*, **23**, 1167-1178. IF=4.9, TIMES CITED=36
37. Harrington, R., Anton, C., Dawson, T.P., de Bello, F., Feld, C.K., Haslett, J.R., Kluvankova-Oravska, T., Kontogianni, A., Lavorel, S., Luck, G.W., Rounsevell, M.D.A., Samways, M.J., Settele, J., Skourtos, M., Spangenberg, J.H., Vandewalle, M., Zobel, M. & Harrison, P.A. (2010) Ecosystem services and biodiversity conservation: concepts and a glossary. *Biodiversity and Conservation*, **19**, 2773-2790. IF=2.3, TIMES CITED=24
38. Harrison, P.A., Vandewalle, M., Sykes, M.T., Berry, P.M., Bugter, R., de Bello, F., Feld, C.K., Grandin, U., Harrington, R., Haslett, J.R., Jongman, R.H.G., Luck, G.W., da Silva, P.M., Moora, M., Settele, J., Sousa, J.P. & Zobel, M. (2010) Identifying and prioritising services in European terrestrial and freshwater ecosystems. *Biodiversity and Conservation*, **19**, 2791-2821. IF=2.3, TIMES CITED=31
39. Hejda, M. & de Bello, F. (2013) Impact of plant invasions on functional diversity in the vegetation of Central Europe. *Journal of Vegetation Science*, **24**, 890-897. IF=2.8, TIMES CITED=3
40. Janecek, S., de Bello, F., Hornik, J., Bartos, M., Cerny, T., Dolezal, J., Dvorsky, M., Fajmon, K., Janeckova, P., Jiraska, S., Mudrak, O. & Klimesova, J. (2013) Effects of land-use changes on plant functional and taxonomic diversity along a productivity gradient in wet meadows. *Journal of Vegetation Science*, **24**, 898-909. IF=2.8, TIMES CITED=3
41. Kleyer, M., Dray, S., de Bello, F., Leps, J., Pakeman, R.J., Strauss, B., Thuiller, W. & Lavorel, S. (2012) Assessing species and community functional responses to environmental gradients: which multivariate methods? *Journal of Vegetation Science*, **23**, 805-821. IF=2.8, TIMES CITED=18
42. Klimesova, J. & de Bello, F. (2009) CLO-PLA: the database of clonal and bud bank traits of Central European flora. *Journal of Vegetation Science*, **20**, 511-516. IF=2.8, TIMES CITED=60
43. Klimesova, J., de Bello, F. & Herben, T. (2011) Searching for the Relevance of Clonal and Bud Bank Traits Across Floras and Communities. *Folia Geobotanica*, **46**, 109-115. IF=1.6, TIMES CITED=5
44. Klimesova, J., Dolezal, J., Dvorsky, M., de Bello, F. & Klimes, L. (2011) Clonal Growth Forms in Eastern Ladakh, Western Himalayas: Classification and Habitat Preferences. *Folia Geobotanica*, **46**, 191-217. IF=1.6, TIMES CITED=9
45. Klimesova, J., Latzel, V., de Bello, F. & van Groenendael, J.M. (2008) Plant functional traits in studies of vegetation changes in response to grazing and mowing: towards a use of more specific traits. *Preslia*, **80**, 245-253. IF=2.8, TIMES CITED=29
46. Lavorel, S., de Bello, F., Grigulis, K., Leps, J., Garnier, E., Castro, H., Dolezal, J., Godolets, C., Quetier, F. & Thebault, A. (2011) Response of herbaceous vegetation functional diversity to land use change across five sites in Europe and Israel. *Israel Journal of Ecology and Evolution*, **57**, 53-72. IF=0.4, TIMES CITED=1
47. Lavorel, S., Storkey, J., Bardgett, R.D., de Bello, F., Berg, M.P., Le Roux, X., Moretti, M., Mulder, C., Pakeman, R.J., Diaz, S. & Harrington, R. (2013) A novel framework for linking functional diversity of plants with other trophic levels for the quantification of ecosystem services. *Journal of Vegetation Science*, **24**, 942-948. IF=2.8, TIMES CITED=9
48. Le Bagousse-Pinguet, Y., de Bello, F., Vandewalle, M., Leps, J. & Sykes, M.T. (2014) Species richness of limestone grasslands increases with trait overlap: evidence from within- and between-species functional diversity partitioning. *Journal of Ecology*, **102**, 466-474. IF=5.4, TIMES CITED=0

49. Leps, J., de Bello, F., Lavorel, S. & Berman, S. (2006) Quantifying and interpreting functional diversity of natural communities: practical considerations matter. *Preslia*, **78**, 481-501. IF=2.8, TIMES CITED=110
50. Leps, J., de Bello, F., Smilauer, P. & Dolezal, J. (2011) Community trait response to environment: disentangling species turnover vs intraspecific trait variability effects. *Ecography*, **34**, 856-863. IF=5.1, TIMES CITED=12
51. Luck, G.W., Harrington, R., Harrison, P.A., Kremen, C., Berry, P.M., Bugter, R., Dawson, T.P., de Bello, F., Diaz, S., Feld, C.K., Haslett, J.R., Hering, D., Kontogianni, A., Lavorel, S., Rounsevell, M., Samways, M.J., Sandin, L., Settele, J., Sykes, M.T., van den Hove, S., Vandewalle, M. & Zobel, M. (2009) Quantifying the Contribution of Organisms to the Provision of Ecosystem Services. *Bioscience*, **59**, 223-235. IF=4.7, TIMES CITED=82
52. Macek, P., Klimes, L., Adamec, L., Dolezal, J., Chlumska, Z., de Bello, F., Dvorsky, M. & Rehakova, K. (2012) Plant Nutrient Content Does Not Simply Increase with Elevation under the Extreme Environmental Conditions of Ladakh, NW Himalaya. *Arctic Antarctic and Alpine Research*, **44**, 62-66. IF=1.4, TIMES CITED=1
53. Macek, P., Mackova, J. & de Bello, F. (2009) Morphological and ecophysiological traits shaping altitudinal distribution of three *Polylepis* treeline species in the dry tropical Andes. *Acta Oecologica-International Journal of Ecology*, **35**, 778-785. IF=1.6, TIMES CITED=8
54. Majekova, M., de Bello, F., Dolezal, J. & Leps, J. (2014). Plant traits as determinants of population stability. *Ecology*, **95**, 2369–2374. IF=5.2, TIMES CITED=0.
55. Niu, K.C., Choler, P., de Bello, F., Mirotnick, N., Du, G.Z. & Sun, S.C. (2014). Fertilization decreases species diversity but increases functional diversity: A three-year experiment in a Tibetan alpine meadow. *Agriculture Ecosystems & Environment*, **182**, 106-112. IF=1.8, TIMES CITED=2
56. Mason, N.W.H. & de Bello, F. (2013) Functional diversity: a tool for answering challenging ecological questions. *Journal of Vegetation Science*, **24**, 777-780. IF=2.8, TIMES CITED=5
57. Mason, N.W.H., de Bello, F., Dolezal, J. & Leps, J. (2011) Niche overlap reveals the effects of competition, disturbance and contrasting assembly processes in experimental grassland communities. *Journal of Ecology*, **99**, 788-796. IF=5.4, TIMES CITED=35
58. Mason, N.W.H., de Bello, F., Mouillot, D., Pavoine, S. & Dray, S. (2013) A guide for using functional diversity indices to reveal changes in assembly processes along ecological gradients. *Journal of Vegetation Science*, **24**, 794-806. IF=2.8, TIMES CITED=9
59. Mason, N.W.H., Richardson, S.J., Peltzer, D.A., de Bello, F., Wardle, D.A. & Allen, R.B. (2012) Changes in coexistence mechanisms along a long-term soil chronosequence revealed by functional trait diversity. *Journal of Ecology*, **100**, 678-689. IF=5.4, TIMES CITED=26
60. Mladek, J., Mladkova, P., Hejcmanova, P., Dvorsky, M., Pavlu, V., De Bello, F., Duchoslav, M., Hejcman, M. & Pakeman, R.J. (2013) Plant Trait Assembly Affects Superiority of Grazer's Foraging Strategies in Species-Rich Grasslands. *Plos One*, **8**. IF=3.7, TIMES CITED=0
61. Moretti, M., de Bello, F., Ibanez, S., Fontana, S., Pezzatti, G.B., Dziock, F., Rixen, C. & Lavorel, S. (2013) Linking traits between plants and invertebrate herbivores to track functional effects of land-use changes. *Journal of Vegetation Science*, **24**, 949-962. IF=2.8, TIMES CITED=10
62. Moretti, M., de Bello, F., Roberts, S.P.M. & Potts, S.G. (2009) Taxonomical vs. functional responses of bee communities to fire in two contrasting climatic regions. *Journal of Animal Ecology*, **78**, 98-108. IF=4.8, TIMES CITED=41
63. Muenkemuller, T., de Bello, F., Meynard, C.N., Gravel, D., Lavergne, S., Mouillot, D., Mouquet, N. & Thuiller, W. (2012) From diversity indices to community assembly

processes: a test with simulated data. *Ecography*, **35**, 468-480. IF=5.1, TIMES CITED=17

64. Oepik, M., de Bello, F., Price, J.N. & Fraser, L.H. (2014) New insights into vegetation patterns and processes. *New Phytologist*, **201**, 383-387. IF=6.7, TIMES CITED=0
65. Sebastia, M.-T., de Bello, F., Puig, L. & Taull, M. (2008) Grazing as a factor structuring grasslands in the Pyrenees. *Applied Vegetation Science*, **11**, 215-223. IF=2.3, TIMES CITED=39
66. Sebastia, M.-T., Palero, N. & de Bello, F. (2011) Changes in management modify agro-diversity in sainfoin swards in the Eastern Pyrenees. *Agronomy for Sustainable Development*, **31**, 533-540. IF=3.6, TIMES CITED=0
67. Thuiller, W., Gallien, L., Boulangeat, I., de Bello, F., Muenkemueller, T., Roquet, C. & Lavergne, S. (2010) Resolving Darwin's naturalization conundrum: a quest for evidence. *Diversity and Distributions*, **16**, 461-475. IF=6.1, TIMES CITED=37
68. Trivellone, V., Schoenenberger, N., Bellosi, B., Jermini, M., de Bello, F., Mitchell, E.A.D. & Moretti, M. (2014). Indicators for taxonomic and functional aspects of biodiversity in the vineyard agroecosystem of Southern Switzerland. *Biological conservation*, **170**, 103-109. IF=3.8, TIMES CITED=44
69. Vandewalle, M., de Bello, F., Berg, M.P., Bolger, T., Doledec, S., Dubs, F., Feld, C.K., Harrington, R., Harrison, P.A., Lavorel, S., da Silva, P.M., Moretti, M., Niemela, J., Santos, P., Sattler, T., Sousa, J.P., Sykes, M.T., Vanbergen, A.J. & Woodcock, B.A. (2010) Functional traits as indicators of biodiversity response to land use changes across ecosystems and organisms. *Biodiversity and Conservation*, **19**, 2921-2947. IF=2.3, TIMES CITED=44
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