

Accepted Manuscript

Title: Interspecific trait differences rather than intraspecific trait variation increase the extent and filling of community trait space with increasing plant diversity in experimental grasslands

Authors: Christiane Roscher, Jens Schumacher, Marlén Gubsch, Annett Lipowsky, Alexandra Weigelt, Nina Buchmann, Ernst-Detlef Schulze, Bernhard Schmid

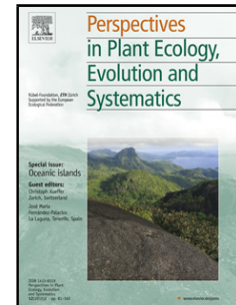
PII: S1433-8319(17)30095-1
DOI: <https://doi.org/10.1016/j.ppees.2018.05.001>
Reference: PPEES 25409

To appear in:

Received date: 22-5-2017
Revised date: 15-5-2018
Accepted date: 18-5-2018

Please cite this article as: Roscher C, Schumacher J, Gubsch M, Lipowsky A, Weigelt A, Buchmann N, Schulze E-Detlef, Schmid B, Interspecific trait differences rather than intraspecific trait variation increase the extent and filling of community trait space with increasing plant diversity in experimental grasslands, *Perspectives in Plant Ecology, Evolution and Systematics* (2018), <https://doi.org/10.1016/j.ppees.2018.05.001>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Interspecific trait differences rather than intraspecific trait variation increase the extent and filling of community trait space with increasing plant diversity in experimental grasslands

Christiane Roscher^{a,b}, Jens Schumacher^c, Marlén Gubsch^d, Annett Lipowsky^{e,f}, Alexandra Weigelt^{h,b}, Nina Buchmann^d, Ernst-Detlef Schulze^f, Bernhard Schmid^e

^a UFZ, Helmholtz Centre for Environmental Research, Physiological Diversity, Permoserstrasse 15, 04318 Leipzig, Germany

^b German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Deutscher Platz 5e, 04103 Leipzig, Germany

^c Institute of Mathematics, Friedrich Schiller University Jena, Ernst-Abbe-Platz 2, 07743 Jena, Germany

^d Institute of Agricultural Sciences, ETH Zurich, Universitaetsstrasse 2, 8092 Zurich, Switzerland

^e Department of Evolutionary Biology and Environmental Studies and Zurich-Basel Plant Science Center, University of Zurich, Winterthurerstrasse 190, 8057 Zurich, Switzerland

^f Max Planck Institute for Biogeochemistry, POB 100164, 07701 Jena, Germany

^h Department of Special Botany and Functional Biodiversity, Institute of Biology, University of Leipzig, Johannisallee 21-23, 04103 Leipzig, Germany

*Correspondence: christiane.roscher@ufz.de

Download English Version:

<https://daneshyari.com/en/article/8849488>

Download Persian Version:

<https://daneshyari.com/article/8849488>

[Daneshyari.com](https://daneshyari.com)