

Nachweis über Anteile der Co-Autoren, Rémy Beugnon
From tree to soil: microbial and spatial mediation of tree diversity effects on carbon cycling
in Subtropical Chinese forests

Article justifications

Nachweis über Anteile der Co-Autoren:

Title: Tree diversity effects on litter decomposition are mediated by litterfall and microbial processes

Journal: Nature Communications (*under review*)

Autoren: Rémy Beugnon, Nico Eisenhauer, Helge Bruelheide, Andréa Davrinche, Jianqing Du, Sylvia Haider, Georg Haehn, Mariem Saadani, Bala Singavarapu, Marie Sünemann, Lise Thouvenot, Yanfen Wang, Tesfaye Wubet, Kai Xue & Simone Cesarz

Beiträge:

Rémy Beugnon: i. field sampling, ii. lab measurements, iii. project conceptual framework, iv. statistical analyses, v. manuscript writing

Nico Eisenhauer: i. funding; ii. project conceptual framework, iii. framing of the manuscript, iv. writing

Helge Bruelheide: i. project conceptual framework, ii. funding, ii. manuscript revision

Andréa Davrinche: i. field sampling, ii. lab measurements, iii. manuscript revision

Jianqing Du: i. project conceptual framework, ii. manuscript revision

Sylvia Haider: i. funding; ii. trait data; iii. manuscript revision

Georg Haehn: i. field sampling, ii. lab measurements, iii. manuscript revision

Mariem Saadani: i. field sampling, ii. manuscript revision

Bala Singavarapu: i. field sampling, ii. manuscript revision

Marie Sünemann: i. project conceptual framework, ii. writing

Lise Thouvenot: i. project conceptual framework, ii. writing

Yanfen Wang: i. project conceptual framework, ii. manuscript revision

Tesfaye Wubet: i. project conceptual framework, ii. manuscript revision

Kai Xue: i. project conceptual framework, ii. manuscript revision

Nachweis über Anteile der Co-Autoren, Rémy Beugnon
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in Subtropical Chinese forests

Simone Cesarz: i. funding; ii. project conceptual framework, iii. framing of the manuscript, iv. writing

Unterschriften:

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Nachweis über Anteile der Co-Autoren, Rémy Beugnon

From tree to soil: microbial and spatial mediation of tree diversity effects on carbon cycling in Subtropical Chinese forests

Nachweis über Anteile der Co-Autoren:

Title: Tree diversity and soil chemical properties drive the linkages between soil microbial community and ecosystem functioning

Journal: ISME Communications

Autoren: Rémy Beugnon & Jianqing Du, Simone Cesarz, Stephanie D. Jurburg, Zhe Pang, Bala Singavarapu, Tesfaye Wubet, Kai Xue, Yanfen Wang & Nico Eisenhauer

Beiträge:

Rémy Beugnon: i. field sampling, ii. lab measurements, iii. project conceptual framework, iv. statistical analyses, v. manuscript writing

Jianqing Du: i. lab measurements, ii. project conceptual framework, iii. contributed to statistical analyses, iv. manuscript writing

Dr. Simone Cesarz: i. contributed to project conceptual framework, ii. contributed to the framing of paper, iii. contributed to writing, iv. funding

Dr. Stephanie D. Jurburg: i. contributed to statistical analyses, ii.

contributed to writing Dr. Zhe Pang: i. lab measurements

Bala Singavarapu: i. field sampling, ii. lab measurements, iii. contributed to statistical analyses, iv. manuscript revisions

Dr. Tesfaye Wubet: i. provided lab support for microbial community profiling ii. bioinformatics, iii. contributed to manuscript revisions, iv. funding

Dr. Kai Xue: i. laboratory support, ii. contributed to project conceptual framework, iii. contributed to writing

Prof. Dr. Yanfen Wang: i. lab support for measurements of soil properties and functional genes, ii. contributed to manuscript revisions, iii. funding

Prof. Dr. Nico Eisenhauer: i. contributed to project conceptual framework, ii. contributed to framing of paper, iii. contributed to writing, iv. funding

Nachweis über Anteile der Co-Autoren, Rémy Beugnon

From tree to soil: microbial and spatial mediation of tree diversity effects on carbon cycling in Subtropical Chinese forests

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Nachweis über Anteile der Co-Autoren, Rémy Beugnon

From tree to soil: microbial and spatial mediation of tree diversity effects on carbon cycling in Subtropical Chinese forests

Nachweis über Anteile der Co-Autoren:

Title: Abiotic and biotic drivers of scale-dependent tree trait effects on soil microbial biomass and soil carbon concentration

Journal: Ecological Monographs (*under review*)

Autoren: Rémy Beugnon, Wensheng Bu, Helge Bruelheide, Andréa Davrinche, Jianqing Du, Sylvia Haider, Matthias Kunz, Goddert von Oheimb, Maria D. Perles-Garcia, Mariem Saadani, Thomas Scholten, Steffen Seitz, Bala Singavarapu, Stefan Trogisch, Yanfen Wang, Tesfaye Wubet, Kai Xue, Bo Yang, Simone Cesarz & Nico Eisenhauer.

Beiträge:

Rémy Beugnon: i. field sampling, ii. lab measurements, iii. project conceptual framework, iv. statistical analyses, v. manuscript writing

Dr. Wensheng Bu: i. field sampling, ii. lab measurements

Prof. Dr. Helge Bruelheide: i. securing funding, ii. experimental design, iii. trait and environmental measurements, vi. manuscript revisions.

Andréa Davrinche: i. field sampling (traits), ii. lab measurements (traits), iii. manuscript revisions

Jianqing Du: i. field sampling, ii. lab measurements, iii. manuscript revisions

Dr. Sylvia Haider: i. field sampling (traits), ii. lab measurements (traits), iii. manuscript revisions

Dr. Matthias Kunz: i. field sampling, iii. manuscript revisions

Prof. Dr. Goddert von Oheimb: i. securing funding, ii. manuscript revisions

Maria D. Perles-Garcia: i. field sampling, ii. data calculation, iii. manuscript revisions

Mariem Saadani: i. field sampling (Basal area), ii. manuscript revisions

Prof. Dr. Thomas Scholten: i. field sampling, ii. lab measurements, iii. manuscript revisions

Dr. Steffen Seitz: i. field sampling, ii. lab measurements, iii. manuscript revisions

Bala Singavarapu: i. field sampling, iii. manuscript revisions

Nachweis über Anteile der Co-Autoren, Rémy Beugnon

From tree to soil: microbial and spatial mediation of tree diversity effects on carbon cycling in Subtropical Chinese forests

Dr. Stefan Trogisch: i. field sampling, ii. manuscript revisions

Prof. Dr. Yanfen Wang: i. laboratory support, ii. manuscript revisions

Dr. Tesfaye Wubet: i. field sampling, ii. manuscript revisions

Dr. Kai Xue: i. laboratory support, ii. manuscript revisions

Dr. Bo Yang: i. site establishment, ii. microclimate measurements

Dr. Simone Cesarz: i. conceived the study, ii. secured relevant funds, iii. project conceptual framework, iv. laboratory support, v. manuscript revisions

Prof. Dr. Nico Eisenhauer: i. conceived the study, ii. secured relevant funds, iii. project conceptual framework, iv. manuscript revisions

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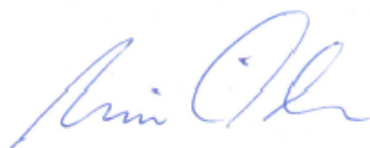
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Nachweis über Anteile der Co-Autoren, Rémy Beugnon

From tree to soil: microbial and spatial mediation of tree diversity effects on carbon cycling in Subtropical Chinese forests

Nachweis über Anteile der Co-Autoren:

Title: Diverse forests are cool: promoting diverse forests to mitigate carbon emissions and climate change

Journal: Journal of Sustainable Agriculture and Environment

Autoren: Rémy Beugnon, Emma Ladouceur, Marie Sünemann, Simone Cesarz & Nico Eisenhauer.

Beiträge:

Rémy Beugnon: i. conceptual framework, ii. manuscript writing, iii. manuscript revisions

Dr. Emma Ladouceur: i. conceptual framework, ii. manuscript revisions

Marie Sünemann: i. conceptual framework, ii. manuscript revisions

Dr. Simone Cesarz: i. conceptual framework, ii. manuscript revisions

Prof. Dr. Nico Eisenhauer: i. conceptual framework, ii. manuscript revisions

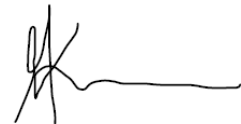
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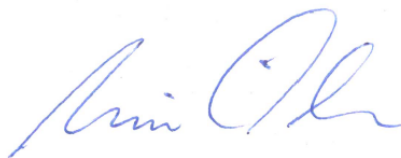
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Unterschriften:

Nachweis über Anteile der Co-Autoren, Rémy Beugnon
From tree to soil: microbial and spatial mediation of tree diversity effects on carbon cycling
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From: Journal of Sustainable Agriculture and Environment
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Sent: Friday, September 17, 2021 3:01 AM
To: Beugnon, Rémy; Ladouceur, Emma Rachel; Sünemann, Marie-Catherine Elisabeth; Cesarz, Simone; Eisenhauer, Nico
Subject: [Extern] Journal of Sustainable Agriculture and Environment - Decision on Manuscript ID JSAE-2021-0005.R1 [email ref: DL-SW-1-a]

16-Sep-2021

Dear Rémy Beugnon:

It is a pleasure to accept your manuscript entitled "Diverse forests are cool: promoting diverse forests to mitigate carbon emissions and climate change" in its current form for publication in *Journal of Sustainable Agriculture and Environment*. The comments of the reviewer(s) who reviewed your manuscript are included at the bottom of this letter.

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TO WHOME IT MAY CONCERN

I, as a Ph.D. supervisor of Rémy Beugnon, confirm that the information about the authors contributions on his Ph.D. manuscript are correct for the cases where either original or electronic signatures of the co-authors are unavailable.



Prof. Dr. Nico Eisenhauer