

1 **Title page**

2 **Title**

3 Microclimate, an inseparable part of ecology and biogeography

4

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29 **We provide the following information as a PDF-table attached in this submission for the**
30 **convenience of the editors:**

- 31 - ORCIDs
32 - Email addresses
33 - Institutional affiliations
34 - Acknowledgements
35 - Author contributions

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37 **Statements**

- 38 - Data availability statement

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53 **Biosketch**

54 The authors are participants of the Microclimate Ecology and Biogeography conference held in
55 Antwerp, Belgium in 2022. Together they collaboratively wrote this perspective paper that brings
56 together 97 experts and their views on the recent advancements and knowledge gaps in terrestrial
57 microclimate. The paper was coordinated by Julia Kemppinen, Jonas Lembrechts, Koenraad Van
58 Meerbeek, and Pieter De Frenne, and writing different sections was led by Jofre Carnicer, Nathalie
59 Chardon, Paul Kardol, Jonathan Lenoir, Daijun Liu, Ilya Maclean, Jan Pergl, Patrick Saccone,
60 Rebecca Senior, Ting Shen, Sandra Słowińska, Vigdis Vandvik, and Jonathan von Oppen. For more
61 details on authors statistics and how the work was organised, please see Supplementary information
62 Figures S1-3.