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A novel biome concept and classification system based on

bioclimate and vegetation – a Neotropical assay

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Vegetation Classification and Survey

Focus and Scope

Vegetation Classification and Survey (VCS) is an international, peer-reviewed journal of plant community ecology published on behalf of the International Association for Vegetation Science (IAVS) together with its sister journals, Journal of Vegetation Science (JVS) and Applied Vegetation Science (AVS). It is devoted to vegetation survey and classification at any organizational and spatial scale and without restriction to certain methodological approaches.

The journal publishes original papers that develop new vegetation typologies as well as applied studies that use such typologies, for example, in vegetation mapping, ecosystem modelling, nature conservation, land use management or monitoring. Particularly encouraged are methodological studies that design and compare tools for vegetation classification and mapping, such as algorithms, databases and nomenclatural principles. Papers dealing with conceptual and theoretical bases of vegetation survey and classification are also welcome. While large-scale studies are preferred, regional studies will be considered when filling important knowledge gaps or presenting new methods. VCS also contains Permanent Collections on "Ecoinformatics" and "Phytosociological Nomenclature".

Cover

The cover images refer to the Editors' Award article by Dembicz et al. (2021, Fine-grain beta diversity in Palaearctic open vegetation: variability within and between biomes and vegetation types, Vegetation Classification and Survey 2: 293–304). The upper row shows to the left a salt marsh (Sicily, Italy) and to the right a mesic meadow (Georgia), two vegetation types that typically have low fine-grain beta diversity (Photos: Iwona Dembicz). The lower row shows to the left an alpine grassland (Gran Paradiso National Park, Italy) and to the right a Mediterranean grassland (Sicily, Italy), two vegetation types that typically have high fine-grain beta diversity (Photos: Jürgen Dengler).

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