This annotated checklist is the first attempt to provide an overview of the lichen diversity of the Alps. It lists all infrageneric taxa (with synonyms) hitherto reported from the Alps, with data on their distribution in eight countries, and in 42 Operational Geographic Units within the countries. The total number of infrageneric taxa is 3,138, including 116 non- or doubtfully lichenised taxa. The number of poorly known taxa is quite high (19.1% of the total), which indicates that, in spite of the Alps being one of the lichenologically most studied mountain systems worldwide, much work is still needed to reach a satisfactory picture of their real lichen diversity.
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