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| **Editor's comments** | |
| Dear authors, Your manuscript has been reviewed by two independent referees who find it suitable for publication in PhytoKeys. Please consider their comments and corrections and submit an improved version within the requested time frame. Best wishes, The Editor |  |

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| **Reviewer 2 Katia Cezón García** | |
| Is the manuscript suitable for publication in the journal ? | Yes |
| Is the title adequate and relevant ? | Yes |
| Does the abstract clearly indicate the content of the manuscript ? | Yes |
| Is the subject addressed in this manuscript new and worthy of investigation ? | Yes |
| Are the experimental methods relevant to the study and adequately described ? | Yes |
| Are the conclusions supported by the data ? | N/A |
| Are all illustrations of good quality ? | Yes |
| Has the author cite most of the literature pertinent to the subject ? | Yes |
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| **Reviewer's comments to Editor and Author** |  |
| Brief summary This manuscript describes an online accessible dataset of the flora living in the high-mountain meadow ecosystems (borreguiles) from Sierra Nevada (Southern Spain), ecosystems characterized by hosting high plant endemicity and being one of the most important biodiversity hotspots in the Mediterranean basin.  The main purpose of this paper is to describe a dataset available and downloadable on Internet in a structured form to bring the existence of the data to the attention of the scientific community so that they can be downloaded, analysed, re-used and cited.  Structure and content The paper is well structured with a clear and concise introduction to place the work into the context. It includes metadata that document clearly the methods of data collection, study extend, spatial and temporal ranges and taxonomic and geographical coverage of the dataset. Moreover it mentions the software used and data quality control process, which guarantee the quality of shared data. The literature cited by the author is pertinent to the subject.   This Data Paper is correctly linked to the published dataset freely available online in their public repositories; IPT (http://www.gbif.es:8080/ipt/resource.do?r=borreguiles), GBIF international portal http://www.gbif.org/dataset/ff7d3d4a-6c31-4876-8339-a1794f7d0316 and the authors own information system to store and manage all the information gathered http://obsnev.es/noticia.html?id=7839.   Evaluation  The paper is suitable for publication in the journal once the minor points indicated are corrected; these are detailed in attached document. |  |

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| **Reviewer 4 Quentin Groom** | |
| Is the manuscript suitable for publication in the journal ? | Yes |
| Is the title adequate and relevant ? | Yes |
| Does the abstract clearly indicate the content of the manuscript ? | Yes |
| Is the subject addressed in this manuscript new and worthy of investigation ? | Yes |
| Are the experimental methods relevant to the study and adequately described ? | Yes |
| Are the conclusions supported by the data ? | Yes |
| Are all illustrations of good quality ? | Yes |
| Has the author cite most of the literature pertinent to the subject ? | Yes |
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| **Reviewer's comments to Editor and Author** |  |
| I enjoyed reading through this manuscript, it is well written and laid out. The data collected is useful and important for the conservation of these rare habitats and taxa. I have no problem recommending this for publication.  Minor comments. Normally, in English I think we would write "the Sierra Nevada" rather the just "Sierra Nevada". There are several places in the text where the is relevant.  In the methods several words are in bold, but it is not clear why.  The data on GBIF doesn't seem to have a Geodetic Datum associated with the coordinates. It would be better to complete this. |  |