

## Retraction

# Retracted: Effect of Salinity on Biomass Yield and Physiological and Stem-Root Anatomical Characteristics of Purslane (*Portulaca oleracea* L.) Accessions

### BioMed Research International

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The article “Effect of Salinity on Biomass Yield and Physiological and Stem-Root Anatomical Characteristics of Purslane (*Portulaca oleracea* L.) Accessions” [1] has been retracted as it was found to contain duplicated figures and text similarity. Comments on PubPeer noted concerns with Figures 8, 9, and 11 [2]. In Figure 8, the 0dS m<sup>-1</sup> panel is identical to the 8dS m<sup>-1</sup> panel, but with a lower contrast. In Figure 9, the five panels are identical, but rotated or magnified.

In addition, we found that the 8dS m<sup>-1</sup> panel in Figure 10 is identical to the 32dS m<sup>-1</sup> panel in Figure 12. These concerns are highlighted in the Supplementary File (available here).

We also found a similar article published in *Biological Research* by the same group of authors [3]. The article’s full details are as follows: Md. Amirul Alam, Abdul Shukor Juraimi, M. Y. Rafii, Azizah Abdul Hamid, Farzad Aslani and M. A. Hakim, “Salinity-induced changes in the morphology and major mineral nutrient composition of purslane (*Portulaca oleracea* L.) accessions,” *Biological Research*, 2016 49:24, <https://doi.org/10.1186/s40659-016-0084-5>. We sought the authors’ clarification and they stated they have lost the data.

### Supplementary Materials

The file includes the problem figures that were spotted by Hindawi and in PubPeer Comments. (*Supplementary Materials*)

### References

- [1] M. A. Alam, A. S. Juraimi, M. Y. Rafii, and A. Abdul Hamid, “Effect of salinity on biomass yield and physiological and stem-root anatomical characteristics of purslane (*Portulaca oleracea*

L.) accessions,” *BioMed Research International*, vol. 2015, Article ID 105695, 15 pages, 2015.

- [2] “Effect of salinity on biomass yield and physiological and stem-root anatomical characteristics of purslane (*Portulaca oleracea* L.) accessions,” 2018, <https://www.pubpeer.com/publications/8F7CD0A0167BBCF04AD681B54CC848>.
- [3] M. A. Alam, A. S. Juraimi, M. Y. Rafii, A. A. Hamid, F. Aslani, and M. A. Hakim, “Salinity-induced changes in the morphology and major mineral nutrient composition of purslane (*Portulaca oleracea* L.) accessions,” *Biological Research*, vol. 49, article no. 24, 2016.