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Retraction Note: High diversity of *Morchella* and a novel lineage of the Esculenta clade from the north Qinling Mountains revealed by GCPSR-based study

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Retraction of: *Scientific Reports* <https://doi.org/10.1038/s41598-019-56321-1>, published online 27 December 2019

The Editors have retracted this Article at the request of the corresponding author.

Several errors were discovered in the data-sets used to construct the phylogenetic trees, including duplicate sequences, incorrect accession numbers, and the inadvertent inclusion of a bacterial sequence. In addition, the EF1- α and RPB2 sequences cited in Table 2 were poorly amplified and sequenced, reducing the reliability of their application in tree constructions. As a result, the phylogenetic trees reported in the paper cannot be replicated.

Zhongdong Yu agrees with this retraction. Phonepaserd Phanpadith and Tao Li have not responded to correspondence regarding this retraction.



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