

NEW DISTRIBUTION IN VIETNAM AND IDENTIFICATION OF DNA BARCODE SEQUENCE FOR *Geodorum attenuatum* (ORCHIDACEAE)

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Summary

By using morphological comparison method, we identified the specimens which collected in Binh Chau-Phuoc Buu Nature Reserve as *G. attenuatum*. Here, we reported additional information on the distribution of the mentioned this species in Vietnam. Besides, based on Molecular biology techniques, the ITS and trnL-F regions of *G. attenuatum* were first successfully amplified and sequenced. Also, the results showed the differences in ITS and trnL-F sequences between *G. attenuatum* and *G. recurvum* which are similar morphological characteristics. The ITS and trnL-F sequences of *G. attenuatum* were first registered in GenBank (NCBI) with accession numbers as MK340896 and MK340897, respectively.

Keywords: *Geodorum attenuatum*, *gen ITS*, *trnL-F*, *DNA barcode*.