Vegetation of inland desert wadis in Egypt Wadi Kharit

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Abstract:

Wadi Kharit is a major drainage system dissecting the southern part of the eastern desert of Egypt in an east-west orientation. Due to the volcanic nature of the rocks it originates at, the eluviation of soil along its course is distinguished into three main recognizable soil types. Three plant communities recognized in the wadi, apparently highly related to its edaphic characteristics, are identified for the first time in the eastern desert. The floristic composition of such communities are quite rich in both variety of species as well their abundance values. Little resemblance exists between such communities and other communities previously identified in northern wadies of this desert, as revealed from data obtained in previous studies in this series as well as those of other investigators.

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