SPATIAL DISTRIBUTION PATTERN OF THE POPULATIONS OF *OPLISMENUS* UNDULATIFOLIUS VAR. UNDULATIFOLIUS AT MT. AHOP

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ABSTRACT

Oplismenus undulatifolius var. *undulatifolius* is a shallow rooted perennial with stolons. Spatial distribution of this species was studied in an established 16 m x 32 m plot at Mountain Ahop in Korea during 2015. The spatial pattern of *O. undulatifolius* var. *undulatifolius* was analyzed according to several patchiness indexes, population uniformity or aggregation under different sizes of plots by dispersion indices, and spatial autocorrelation. Most natural plots of *O. undulatifolius* var. *undulatifolius* were not uniformly distributed in the forest community. The small and middle plots (2 m x 2 m, to 16 m x 16 m) of *O. undulatifolius var. undulatifolius* were uniformly distributed in the forest community and one large plot (16 m x 32 m) was aggregately distributed. Significant aggregation by Moran's *I* of *O. undulatifolius* var. *undulatifolius* var. *und*

Keywords: Oplismenus undulatifolius var. undulatifolius, spatial distribution, patchiness indexes, Moran's I.