

The Variation of Diversity of Cave Bats Dweller in Tuban and Menoreh Karstic Area Indonesia

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ABSTRACT

Indonesia has wide and segmented karstics landscape. The climate characteristics and the locations (the altitude and the latitude) give the possibility for the high level of biodiversity and uniqueness to the each area, both exokarstic (aboveground) area and endokarstic (underground) area. The variation is not restricted in species within the different area but also in species in the same area. The two compared area in this research are Tuban and Menoreh Karstic area. These two areas have some differences based on the location. Tuban's karstics area is located near the dry coastal but as the contrary Menoreh karstics area is located on the high damp cold plateau.

The total species found within those two areas are 17 species that belong to 7 different families. 9 species were found within those two areas, 4 species were only found within the Tuban's karstic area, and 4 species were only found within Menoreh's karstics area. The species distribution that is different from one are to others is affected by the condition of the karstics area itself both exokarstics and endokarstics. Furthermore, environment causes variation within species on the different karstics area.

Keyword: Diversity, Bat, Karst, Tuban, Menoreh