

KEPELBAKAIAN LABAH-LABAH FAMILI SPARASSIDAE
DI HUTAN SIMPAT SUGUT

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ABSTRACT

DIVERSITY OF SPIDER FAMILY SPARASSIDAE IN SUGUT FOREST RESERVE

This study was carried out to see the species diversity of Sparassidae spider in Sugut (Beluran) Forest Reserve and construct pictorial dichotomous key for genus and species level. This study has been done in the Sugut (Beluran) Forest Reserve, Sabah. The samples were collected manually or by using 'hand-picking' method. A total of 81 spider specimen have been caught composed of two family (Sparassidae and Ctenidae), three genus (Heteropoda (74), Thelcticopis (two) and Pandecretes (three)) and six species of spider (Heteropoda venatoria (19), Heteropoda tetrica (49), Heteropoda davidbowie (one), Heteropoda boiei (five), Thelcticopis sp. (two) and Pandecretes sp. (three)). The diversity of Sparassidae spider was at low level based on the value of Shannon-Weiner diversity index that is 1.0862. The dichotomous key for family Sparassidae was constructed with the picture of every chosen character. The characters that have been used in this key are such as the size of the anterior eye, pattern on the abdomen and color of chelicerae. As the conclusion, both of the objectives have been achieved and further research such as this needs to be continued to gather more information on spiders of Sabah.