

ABSTRACT

EXPLORATION OF CERIOPS TAGAL NATURAL DYES USING MORDANTS TO PRODUCE MOTIFS

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The large amount of liquid waste produced by the fashion industry that uses chemicals in the dyeing process and printing motifs on fabrics has an impact on environmental pollution. The way to minimize this is by using natural dyes. This study aims to utilize natural dye Ceriops tagal using mordants and to find out various types of different mordants for natural dyes of tingi bark stems applied to textiles to produce geometric motifs. The research method used is an exploratory qualitative approach by collecting data from Literature Studies, Interviews, Observations, and Explorations. Based on the results of the research conducted, natural dye Ceriops tagal has the potential as a natural dye that produces a brick brown base color. The color results obtained in this study came from several mordants, namely tunjung mordant with dark gray - black color, chalk mordant with reddish brown color, and alum mordant with yellowish brown color. The resulting motif was inspired by the trend forecast entitled "Textile Minimalist" using the lines in the collection of images. The composition of the motif uses a repetition technique with the types of block repeat, brick repeat, and half-drop repeat.

Keywords: *Natural Dyes, Ceriops tagal, Mordant, Motif*