

ABSTRACT

Batik is an ornament or artwork that has certain characteristic motifs that become cultural heritage in Indonesia. In every region of Indonesia has the characteristic of each batik. In general, batik has a flower-shaped motif. Traditional motif that has grown since long has a form of style that takes the concept of design in accordance with the region.

On the other hand, Indonesia's biodiversity can be a source of motive, one of which is the coral biota in Indonesia. Coral biota in Indonesia has many patterns and types. Because Indonesia is rich in natural resources especially the source of the sea, therefore with the pattern contained in the rock, the pattern can be used as a new batik motif that can be preserved in Indonesia.

*With so many batik motifs that have been circulating in Indonesia, the writer wants to create a batik motif different from batik generally, by taking the theme of coral sea which is one of biodiversity in Indonesia. Therefore the authors want to do research and take the type of coral *Montipora Danae* as a new batik motif that will be developed through a web-based php programming language. It is expected that this batik motif can add new batik motif that can be implemented in many ways.*

Keywords : *Batik, coral, montipora danae, php, l-system*