

**THE ALGAL COMMUNITIES AROUND SAMALONA ISLAND ,  
UJUNGPANDANG, SOUTH SULAWESI**

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**ABSTRACT**

An investigation at the Samalona Island, Ujungpandang, South Sulawesi showed the existence of 22 genera of macroalgae with 6 genera of Chlorophyceae, 4 genera of Phaeophyceae and 12 genera Rhodophyceae. The species of algae were identified. The dominant seaweed, found during June to August 1999, were *Halimeda opuntia*, *Caulerpa racemosa*, *Dictyota dichotoma*, *Gracilaria lichenoides* and *Hypnea nwsciformis*. Total density of seaweed (benthic algae) was 606 g wet weight m<sup>-2</sup> consisting of 347 g red algae, 225 g green algae, and 34 g brown algae. A pronounced algal zonation could be seen on Samalona.