

TAXONOMY OF MARINE ALGAE OF
CAMOTES ISLAND, CEBU, PHILIPPINES

A Thesis
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University of San Carlos
Cebu City, Philippines

In Partial Fulfillment
of the Requirements for the Degree of
Master of Science in Biology

by
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ABSTRACT

The study on the taxonomy of marine algae in the littoral zone of four selected localities of Camotes Islands, Cebu, Philippines was conducted from November 1981 to March 1982. A total of 69 species were identified belonging to 35 genera, 21 families, 14 orders and four divisions.

Ecological factors such as temperature ($^{\circ}\text{C}$), salinity (ppt) and pH of the water were observed to have a little influence on the growth and abundance of algae in the study area. However, the nature of the substrate was observed to be a significant factor affecting algal growth and abundance. Stations 1, 7 and 8 with generally rocky substrate, yielded more species than the rest of the stations with muddy, sandy substrates or loose rock boulders.

A floristic survey of marine algae in the littoral zones of the selected localities of Camotes Islands is also presented here. It is hope that this present work will trigger various algal studies in other fields and new algal technology in the future.

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