

GROWTH RATES OF THE GASTROPOD *TROCHUS NILOTICUS*
L. FED FIVE SPECIES OF MACRO-ALGAE

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ABSTRACT

The growth rate of *Trochus niloticus* L. was studied at the Hatchery of the University of Hasanuddin, Barang Lompo Island, South Sulawesi. Growth rate was estimated in terms of shell length and width, using 5 species of freshly chopped macro-algae: *Caulerpa sertularioides* (Vahl) C. Agardh, *Ulva reticulata* Forsskal, *Padina australis* Hauck, *Gracilaria salicornia* (C. Agardh) Dawson, and *Eucheuma denticulatum* (Burman) Collins et Hervey, as feed. The green algae *Ulva* was the best source of food. The growth rates were not significantly different when snails were fed *C. sertularioides*, *P. australis*, *E. denticulatum*, and *G. salicornia*