THE TRE E OYSTE R *ISOGNOMON (PA RVI PERNA)* SP.: EFFECTS OF A N A G GREGATED DISTRI BUTIO N

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ABSTRACT

Many organ isms. wh ich i nhabi t marine intertidal areas. arc found in groups or patches. Patc h formation in- volves processes such as disturbances and biological i nteractions. The tropical tree oyster *lsogno111011 \Parviperna)* sp. occu rs in patches i n the intertidal zone of Tanah Wangko. North Sulawesi, I ndonesia. The effects of site (tidal level) and position within patches on size (length) and num ber of adults and recru its were tested usi ng Two-\Vay ANOVA's. Length was found to be sig111ficantly affected by site and posi tion. Signi ficantly larger tree oysters were fou nd in the low i nterti dal zone than in high and middle zones. Recru ib were fou nd 111 significantl y larger n umbers i n isolated patches than elsewhere. Factors i nfluencing the observed pattern, arc d iscussed.