

Production structure of main commercial tree species in a mangrove forest in East Sumatra, Indonesia

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Abstract

Production structure of main commercial tree species was studied in a mangrove forest in East Sumatra, Indonesia. This research was carried out in January 1991 using the estimation of standing biomass with stratified clipping method in order to know the production structure of the main commercial tree species in this mangrove forest, i.e. *Rhizophora apiculata*, *Bruguiera parviflora* and *B. sexangula*. The results obtained showed that *R. apiculata* is regarded as a shade-intolerant tree species. In contrast, either *B. parviflora* or *B. sexangula* tended to have a larger proportion of leaves and branches along the stem; consequently, those species are recognized as shade-tolerant tree species.