

**BORING MARINE BIVALVES AND A SPHAEROMATID  
(CRUSTACEA) ATTACKING WOOD FOR BOAT BUILDING  
·IDENTIFICATION AND INTENSITY, JAVA, INDONESIA**

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**ABSTRACT**

Six species of marine borers: the bivalves *Teredo bartschii*, *T. naualis*, *T. campanullata*, *Bonkia carpanellata*, *Afortesia striata*, and the crustacean *Sphaeroma* sp. were found in woods kept in sea water for 2 months. Only wood of Indonesian merbau (*Intsia bijuga*) and red meranti (*Shorea leprosula*) were attacked. The intensity was 0.33 according to the NWPC Standard defining 3 levels of attack intensity. The attack intensity was influenced by specific weight of wood, cellulose and silica contents. The attack intensity had negative correlation with the specific weight and silica content, but low correlation with the cellulose content.