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TOXIC EFFECTS OF THREE SELECTED MALAYSIAN TIMBERS PLANT EXTRACTS  
AGAINST SUBTERRANEAN TERMITES

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### Abstract

The toxic effects of selected Malaysian timbers ( *Madhuca utilis* , *Anisoptera laevis* and *Endospermum malaccense*) heartwood extracts were studied with the aim to determine and understanding the function of wood extracts as a natural protection against termite. The results show that no-choice experiments revealed toxic properties of all investigated extracts by the contact against *Coptotermes gestroi* and *Coptotermes curvignathus* . However, high termite mortality was only achieved with *Madhuca utilis* extracts and methanol solvents.

### Keywords

*Madhuca utilis*, *Anisoptera laevis*, *Endospermum malaccense*, wood extractives, antitermitic activity, *Coptotermes gestroi*, *Coptotermes curvignathus*.

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