



**UNIVERSITI PUTRA MALAYSIA**

**INSECT POLLINATION OF SOME MALAYSIAN FRUIT TREES  
WITH SPECIAL REFERENCE TO THE HONEYBEE, *APIS CERANA***

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WITH SPECIAL REFERENCE TO THE HONEYBEE, *APIS CERANA*.

by

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A thesis submitted in partial  
fulfilment of the requirements for the degree of  
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## ABSTRACT

An abstract of the thesis presented to the Senate of Universiti Pertanian Malaysia in partial fulfilment of the requirements for the Degree of Doctor of Philosophy.

### INSECT POLLINATION OF SOME MALAYSIAN FRUIT TREES WITH SPECIAL REFERENCE TO THE HONEYBEE, *APIS CERANA*

by

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The pollination biology of four common species of Malaysian fruit trees, namely the mango (*Mangifera indica*), the cashew (*Anacardium occidentale*), the carambola (*Averrhoa carambola*) and the rambutan (*Nephelium lappaceum*) was studied. The mango is andromonoecious and was found to be self-compatible. Intervarietal cross-pollination using the Malgoa

