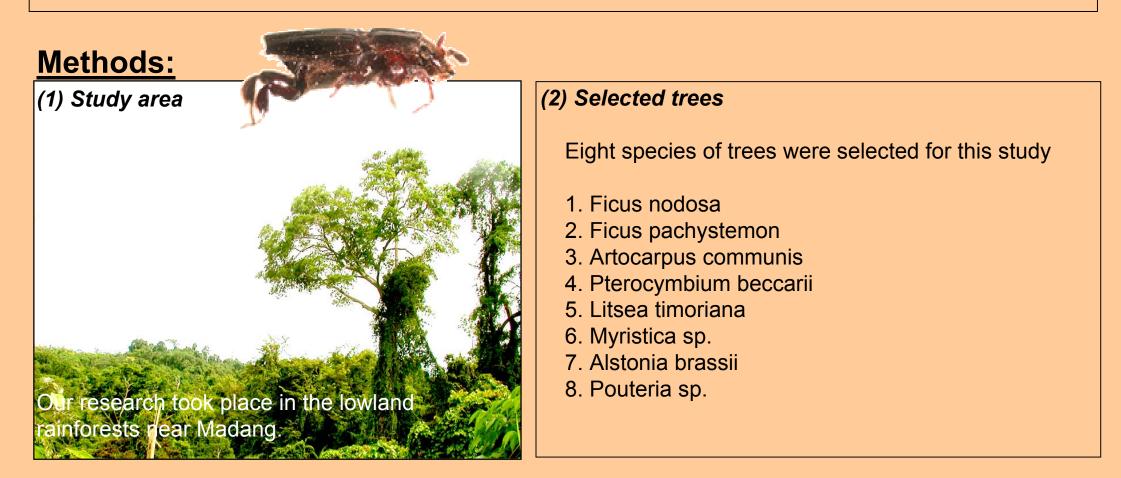
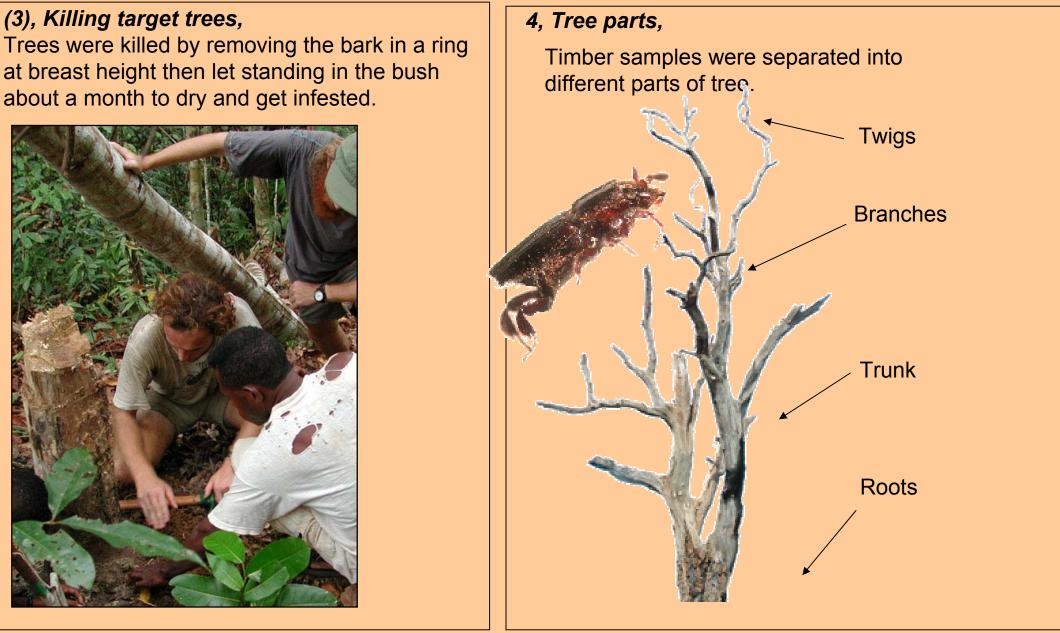
# THE HOST SPECIFICITY AND THE **BARK BEETLES**

### Introduction:

Knowing the host specificity and the community structure of a group is important in understanding its biology. This study examined host associations and community structure of bark beetles by rearing them from artificially killed trees.



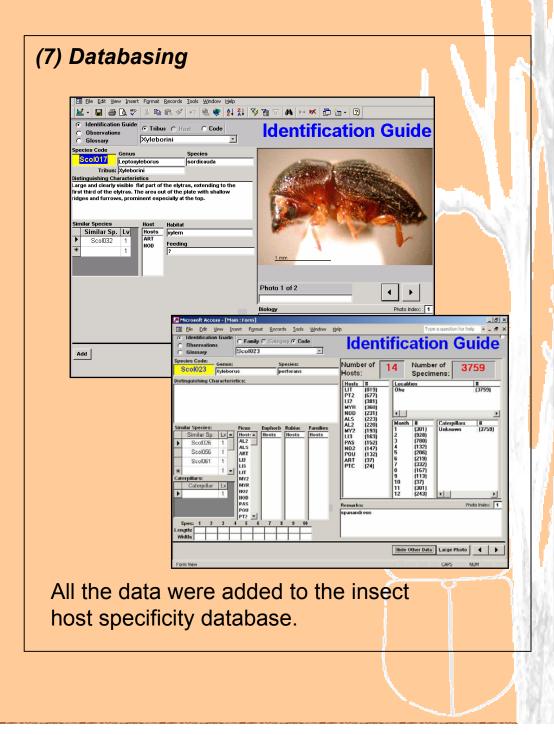




### (5) Extractor



Extractors are used to collect bark beetles emerging from the timber samples.



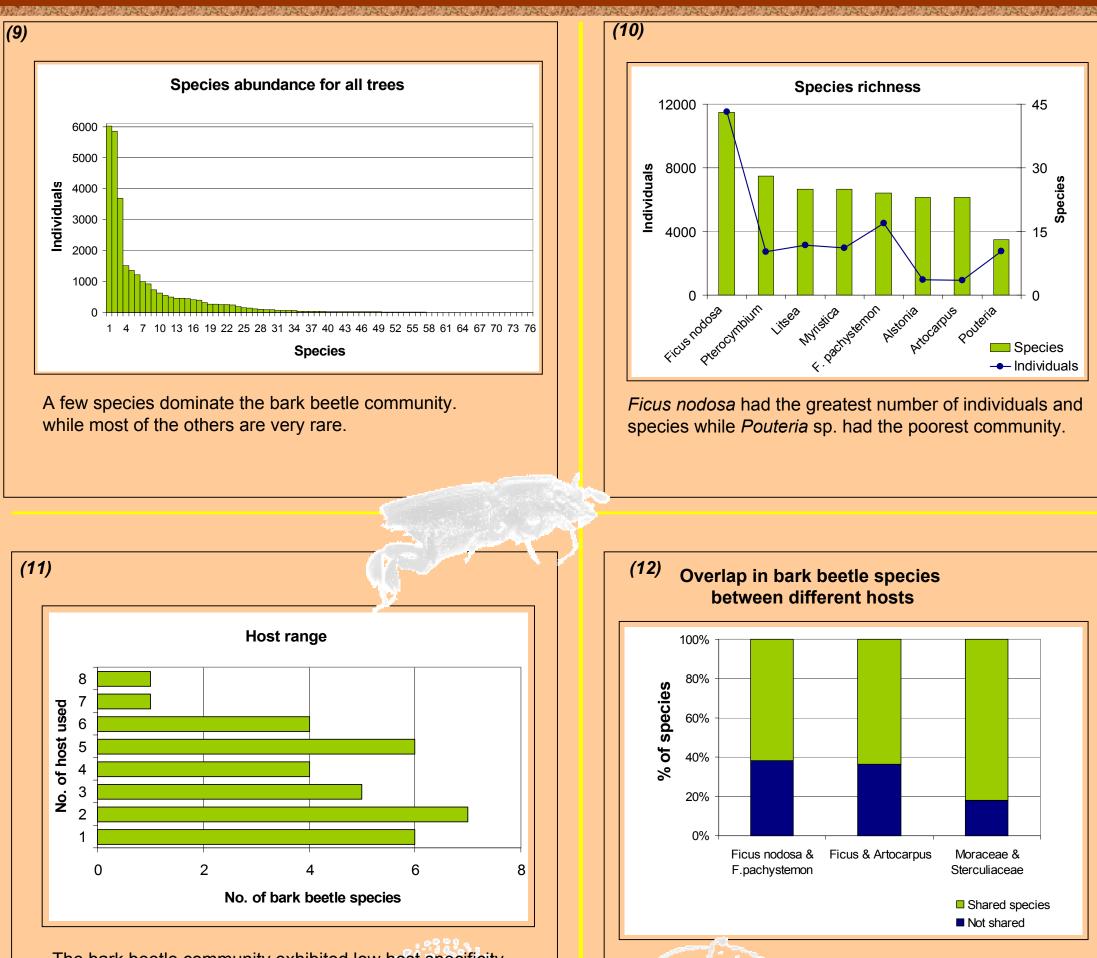


The emerged beetles from the timber samples were sorted into species and labeled.

## **Results**

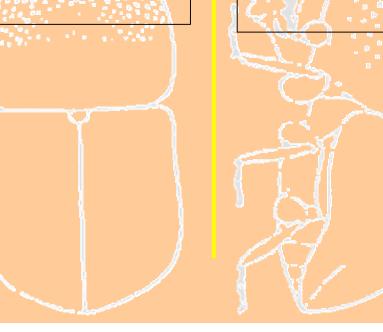


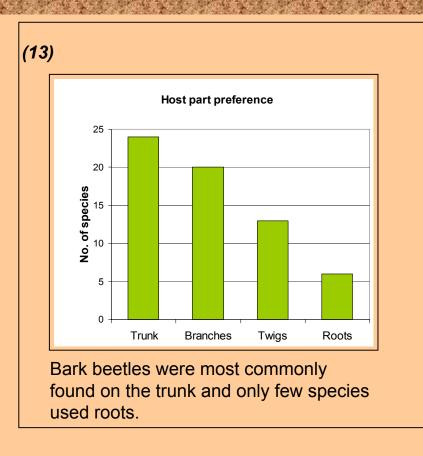
# **COMMUNITY STRUCTURE OF PNG**

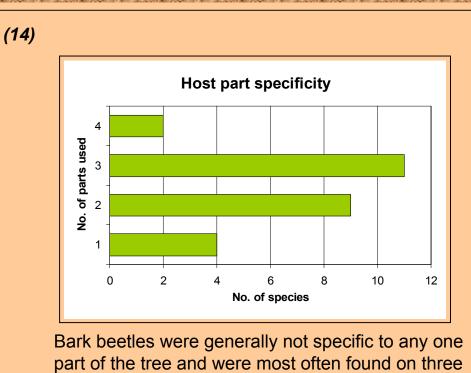


Only 18% of the species were reared from just one tree.

Many bark beetle species are shared between different host plant species, genera and families.







parts of the host tree: trunk, branches and twigs

The bark beetle communities are dominated by a few very abundant species, and most of the other species are rare. Bark beetles are not very host specific, and not limited to only one part of the tree.

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