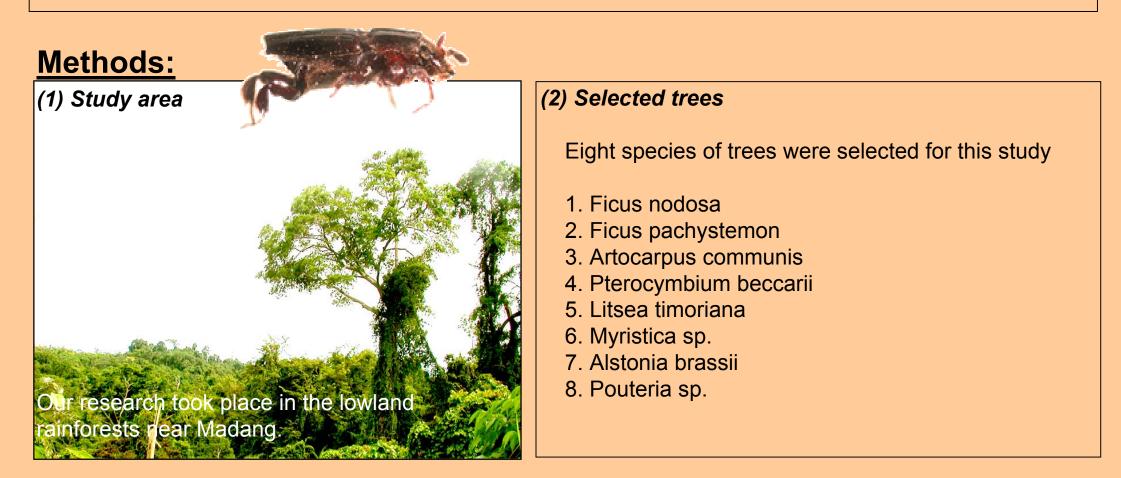
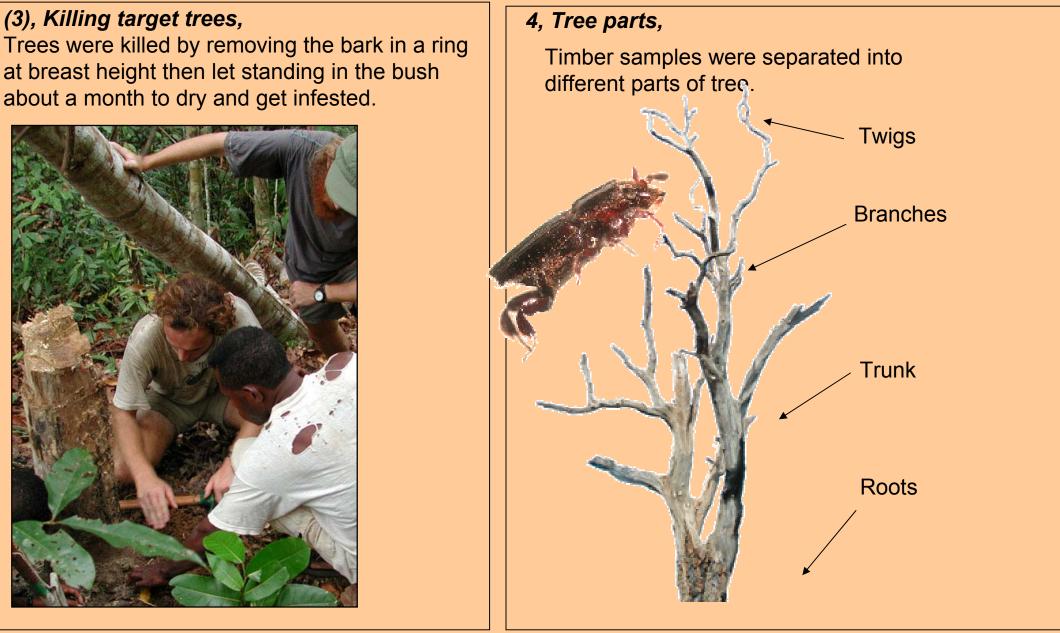
THE HOST SPECIFICITY AND THE **BARK BEETLES**

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.



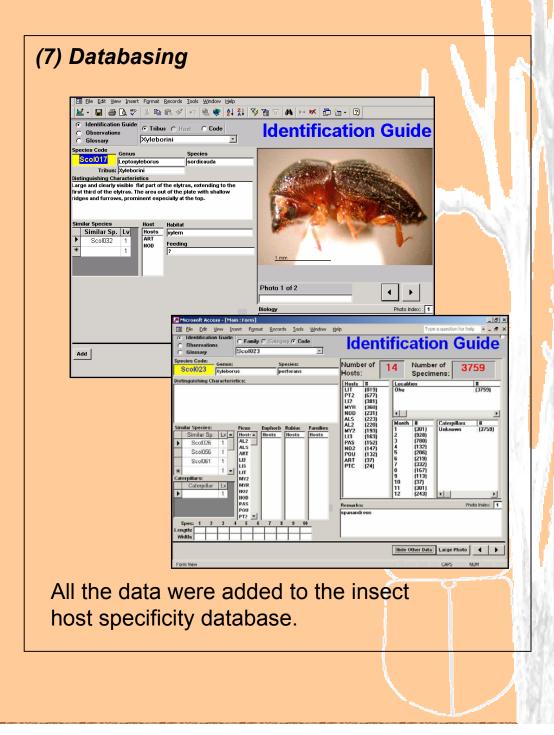




(5) Extractor



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



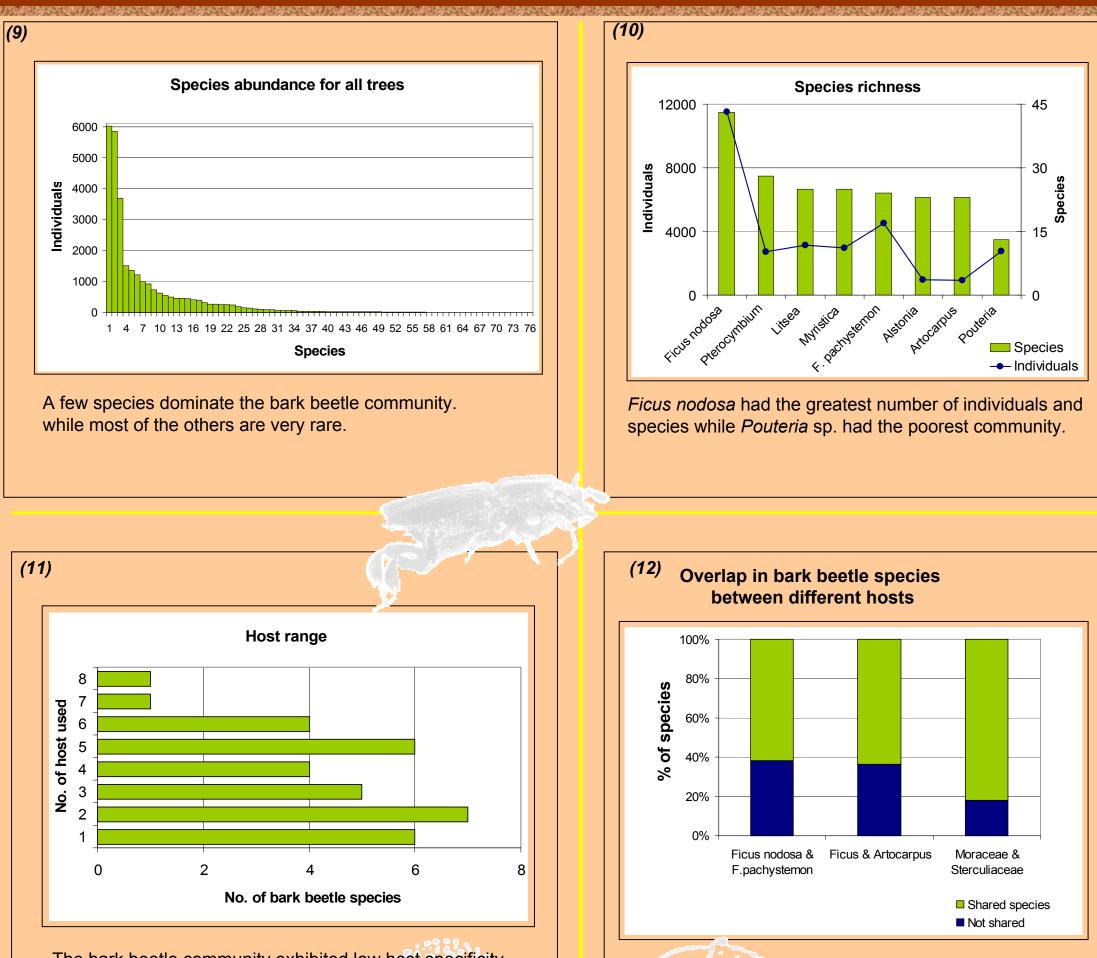


The emerged beetles from the timber samples were sorted into species and labeled.

Results

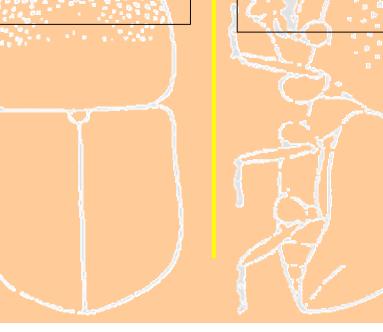


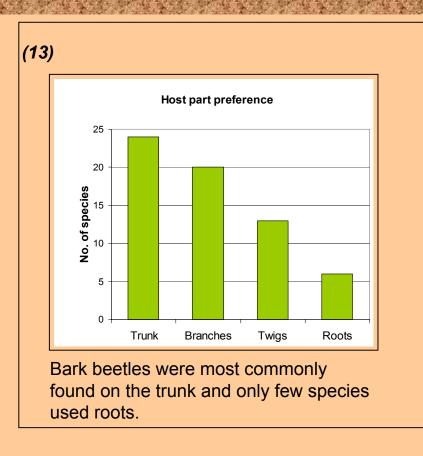
COMMUNITY STRUCTURE OF PNG

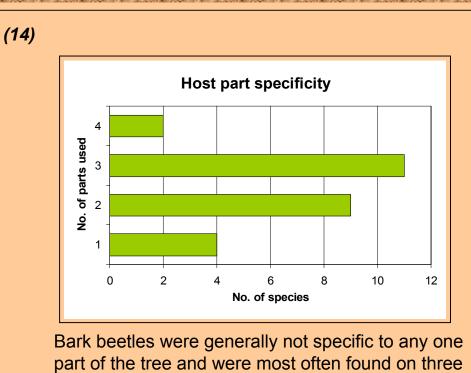


Only 18% of the species were reared from just one tree.

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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