

INSECTS COLLECTED BY LIGHT TRAP IN THE EXPERIMENTAL PLOTS AND AREAS ADJACENT TO THE PLANTATION

INSETOS COLETADOS COM ARMADILHA LUMINOSA NAS PARCELAS EXPERIMENTAIS E ÁREAS ADJACENTES DA PLANTAÇÃO

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ENV 23 - 13

Insects were collected in the experimental plantation and adjacent sites (primary and secondary forest margins) to accumulate basic knowledge on the insect fauna in those habitats and on potential crop pests. The poster presents results of catches from June 1993 to April 1994 with a „Luiz de Queiroz“ light trap installed at various points and heights: primary forest 1.5m, 7.5m and 15m; secondary forest: 1.5m and 7.5m; experimental plots: 1.5m. Individuals of the order Hymenoptera, mainly ants (Formicidae), were predominant in the catch (52%). The remaining orders represented were: Homoptera (21%), Lepidoptera, mainly microlepidopterans (12%), Coleoptera (6%), Hemiptera (4%) and others (5%). The insects have been mounted and catalogued. Some have been identified, identification of the others is still in progress. The specimens are kept in the Entomological Collection of EMBRAPA/CPAA.

INSECT PESTS IN MIXED CULTIVATION SYSTEMS

INSETOS PRAGA EM SISTEMAS DE POLICULTIVO

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ENV 23 - 14

Insect pests affecting the various species in the SHIFT experimental plantation are currently being observed and collected. The poster presents, among others, several new pests of the useful plants not hitherto reported in the literature, e.g. the leaf-rolling beetle *Hybolabus amazonicus* Voss (Coleoptera, Attelabidae) in Brazil nut; „leaf-sticking“ caterpillars (Lepidoptera, Stenomidae) in citrus and cupuaçu; root borer (not yet identified) in mahogany. Leaf-footed bugs, *Crinocerus sanctus* (Fabr.) (Hemiptera, Coreidae) and the butterfly *Sibine nesea* (Stoll in Cramer) (Lepidoptera, Limacodidae) have been observed as pests on orange trees in the region for the first time. Pest control measures and options are discussed.