

DYNAMICS OF A LOGGED EARTH RAIN FOREST IN THE STATE OF PARÁ AND ITS IMPLICATIONS FOR FOREST MANAGEMENT IN BRAZILIAN AMAZONIA

“A DINÂMICA DE UMA FLORESTA DE TERRA FIRME EXPLORADA NO ESTADO DO PARÁ E SUAS IMPLICAÇÕES PARA O MANEJO FLORESTAL NA AMAZÔNIA BRASILEIRA”

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ABSTRACT

The phytosociology and dynamics of logged dense forest was studied over an eight-year period. The main aims were: to analyze floristic composition, diversity, spatial distribution, abundance, frequency, dominance, volume, ingrowth, mortality and growth rate of tree species; and to analyze the forest dynamics by comparing changes with time on the parameters stated above. Measurements were made in a logged area (144 ha) one year before logging and one five and seven years after logging and in an unlogged control area (36 ha) at the same time as the post logging measurements. Some general conclusions are drawn in this paper on an overall consideration of the analyses of those parameters.

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