

PHENOLOGICAL STUDIES ON FLOWERING, FRUITING, AND LEAF CHANGES FOR TEN SPECIES IN A SECONDARY VEGETATION IN IGARAPÉ-AÇU, PARÁ

ESTUDOS FENOLÓGICOS DE FLORESCIMENTO, FRUTIFICAÇÃO E MUDANÇA DE FOLHAS DE DEZ ESPÉCIES DA VEGETAÇÃO SECUNDÁRIA EM IGARAPÉ-AÇU, PA

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The study of phenological variation of plants helps to understand the vegetation dynamics showing the interaction between the trees and the climatic and edaphic conditions of the study area. Aiming at analyzing the phenological patterns of ten species of secondary forest, a botanic inventory was carried out in two experimental areas of 2-3 (Area I) and 10-12 years of age (Area II), in Igarapé-Açu, Pará. Ten trees of the following species were selected: *Myrcia bracteata*; *Banara guianensis*; *Cordia nodosa*; *Memora allamandiflora*; *Vismia guianensis*; *Casearia grandiflora*; *Mabea angustifolia*; *Lecythis lurida*; *Lacistema pubescens* and *Rollinia exsucca*. The evaluations were done twice a month, from Aug./94 to Feb./95, and will continue during the year. This study considered flowering (bud and flower); fruiting (green and mature fruit dissemination) and leaf changes (new leaf, mature leaf, partial and total defoliation). The results are presenting variations inter-and-intraspecific related with occurrence and the period of the observed event for the reproductive phase. During this period *L. lurida* and *M. allamandiflora* have not shown reproductive events. The species *R. exsucca* and *B. guianensis* have presented total defoliation related to leaves change

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