

ABSTRACT

PLUS TREES INVENTORY ON WAN ABDUL RACHMAN GREAT FOREST PARK COLLECTION BLOCK

By

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Plus tree inventory is activity for collecting and compiling data about plus trees. Collection block is an area within Great Forest Park region that contains different types of plant, either endemic or non-endemic plants, which serves for protection and preservation, research, science, education, support cultivation, culture, tourism and recreation. The information about the existence of plus trees on the collection block still rare. So, plus tree inventory still necessary to fulfill the data. This research was conducted in Wan Abdul Rachman Great Forest Park Collection Block at February to March 2012. The aim of this research is to identify the trees which has plus tree criterias. Data collected by using line terraced layers method which placed systematically. The collected data include the types of trees, trunk diameter, branch height, trunk straightness, tree's health condition, fruit production, branch corner, sphericity form of circumference stem, and the location of the plus tree. Based on the results, there were 9 species of trees that identified as plus trees, 7 species of wooden trees, which are 3 taboo trees (*Tetrameles nudiflora*), 1 dadap tree (*Erythrina fusca*), 1 purple coral tree (*Pterospermum javanicum*), 1 sandpaper tree (*Ficus ampelas*), 6 kapok trees (*Ceiba pentandra*), 1 red cedar tree (*Toona sureni*), 1 mindi tree (*Melia azedarach*) and 2 species of MPTS trees, 1 durian tree (*Durio zibethinus*), and 1 mango tree (*Mangifera indica*). Total number of individual tree that meets the plus tree criterias are 16 trees.

Keywords: collection block, great forest park, inventory, lampung, plus trees