ABSTRACT

THE USE OF CERTAIN VEGETATION TYPES
BY CUCAK KUTILANG (*Pyconotus aurigaster* Vieillot)
IN UNIVERSITY OF LAMPUNG

By

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The study was conducted in green open space area of Lampung University (Unila), to determine the activities patterns cucak kutilang (*P. aurigaster*) in utilizing vegetation as habitat components. Data had been collected August-September 2012 in seven observation blocks, namely A Block (student dormitory), B Block (Football Field), C Block (Captive Deer), D Block (Library and Computer Centre), E Block (Faculty of Engineering), F Block (Arboretum), and G Block (Faculty of Medicine and Integrated Laboratory). The method used in this study is rapid assessment and concentrated. Data was collected at 05:30-08:30 am and 03:00-06:00 pm for six repetitions. Data were analyzed descriptively to determine the proportion of the number of bird encounters, the use of space, and function of vegetation canopy. This study concluded that, 1) the proportion of the overstory vegetation cover widest (± 9.317 ha) and the smallest ground cover (± 3.344 ha), 2) activities cucak kutilang (*P. aurigaster*) are most commonly found in C stratum (5-20 meters) the rest 60% (morning) and 73.13% (evening), the D stratum (1-4.9 meters) activities that is most commonly found is hunting 24.83% (morning) and the rest 20.15% (pm), while the E stratum (<1 meter) feeding activity is found only 15.2% (morning) and 6.72% (evening), 3) 8 models of tree architecture found in Unila, 5 models including a models that all editorial space used by cucak kutilang (*P. aurigaster*) to perch, namely rauh, attims, aubreville, massart, and trolls, while a canopy on the 3 other models, namely koribia, roux and the corners are not all used. 4) fruits feed of cucak kutilang (*P. aurigaster*) found in Unila consists of 10 species, namely *Ficus benjamina*, *Mimusops elengi*, *Lagerstromia speciosa*, *Syzygium polyanthum*, *Rozystonia elata*, *Terminalia catappa*, *Manilkara kauki*, *Musa paradisiaca*, *Carica papaya* and *Henslowia frutescens*.

*Keywords*: Utilization, vegetation type, *P. aurigaster*, Lampung University