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Arifah, Yuyun (2007). **The Ethnobotany study of by the Society of Pantura Gresik and Lamongan**. Thesis, Department of Biology, Faculty of Science and Technology The State Islamic University of Maulana Malik Ibrahim Malang, Advisor I: Dr. Eko Budi Minarno, M. Pd. Supervising II: Dr. Ahmad Barizi, M.A

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Arecaceae plants (Palmae) is one of the best important family of plants which widely by people of Indonesia plant for cuisine / food. Scientific information about the ethnobotany of Arecaceae plants (Palmae)especially at the community Pantura Gresik and Lamongan is still very much needed on which the potential of Arecaceae plants (Palmae)are quite large in these region. This study aims to techniques determine: (1) the type of Arecaceae plants (Palmae) are used by communities Pantura Gresik and Lamongan, (2) The organs of plants that can be utilized by the community Pantura Gresik and Lamongan; (3) How to utilize the plant Arecaceae (Palm-paleman) by society Pantura Gresik and Lamongan, (4) the sourcing of plant Arecaceae (Palm-paleman) by society Pantura Gresik and Lamongan.

The research was conducted in May-June 2011 in two districts of Gresik and Lamongan. The type of this research is a descriptive-exploratory study with a survey method, structured and semi structured interviews to techniques examine the use of Arecaceae plants (Palmae) by Pantura community. : (1) the farmer of plant Arecaceae (Palm-paleman) of 30 respondents, (2) people who know about the food chef, the artisans, and the sellers of products of Arecaceae plants (Palmae) of 30 respondents, (3) the elders villages as many as 30 respondents, and (4) the general public who often use medicinal plants as an additional sample. By way of *purposive sampling*.

The resarch results showed that the types of Arecaceae plants (Palmae) which are utilized by the community Pantura including; that toddy palm (*Borassus flabellifer* L.), the Coconut palm (*Cocus nucifera* L.), The sugar palm (*Arenga pinata* AD), and the nut of palm (*Areca cathecu* L.). 4 These different types of Arecaceae plants (Palmae) was being used as: (1) cuisine 143.3% (2) beverage 146.6 (3) craft 102.2% (4) traditional medicine 86, 7% and (5) decoration 133.3% (6) food packaging 93.3% (7) nginang / befel chewing 7.8% (8) 14.4% forage (9) firewood 100% (10) material construction 57.8% (11) fabric dye 3.3% (12) The main crops were 76.7% (13) 100% companion plants. Plant Utilization of Arecaceae (Palmae) for food, beverages, crafts, traditional medicine, and decoration are quite varied depending on individual needs. The plant parts are used including; fruit (94.4%), leaves (93.3%), trunk (93.3%), roots (1.31), fiber (74.9%), nira (36.7) and juice (13.3). The ways to obtain Arecacea plant species (Palm-paleman) by masyarakat Pantura are grouped into two kinds, namely: (1) Cultivate by them selves and (2) Buy