

Sirimas Parhurak 2006: Dependency on Forest Resource of the People Residing in and Around Kangkrachan National Park in Phetchaburi and Prachuap Khiri Khan Province. Master of Science (Forestry), Major Field: Forest Management, Department of Forest Management. Thesis Advisor: Associate Professor Wuthipol Hoamuangkaew, Ph.D. 107 pages. ISBN 974 – 16 – 2964 - 8

Objectives of this study were to determine the socio-economic condition, the knowledge of forest resource conservation, the dependency on forest resource and factors relating to the dependency on forest resource of the people residing in and around Kangkrachan National Park. The using data was collected by employing the designed questionnaires interviewed 323 sampled household heads. Correlation analysis was employed for determining the relationship between each couple of dependent and independent variable with the given significance level of 0.05. The study found that the annual total household income was 252,411.1 baht per annum. Average number of household member and household labor were 4.37 and 2.62 respectively. The collected NTFPs could be classified into 9 main types, namely: herb, fruit, bamboo, mushroom, bamboo shoot, other edible plants, edible insect, wild animal and firewood. Mushroom was mostly used with an average amount of 3.27 kilogram/household/ annum or the total amount of mushroom was collected by all of the studied communities was 729 kg/annum. Moreover, the total value of all kinds of forest resource were collected by studied communities was 3,740,062.26 baht/annum. The results from the hypothesis test showed that the main occupation was significantly related to the dependency on the following forest resources: herb, fruit, bamboo, mushroom, bamboo shoot, other edible plants, edible insect, wild animal and firewood. While the annual total household income significantly related to the dependency on: herb, fruit, bamboo, mushroom, bamboo shoot, other edible plants, edible insect and wild animal. The educational level of household head significantly related to the dependency on: fruit, bamboo, mushroom and bamboo shoot. While the information received about forest resource conservation significantly related to the dependency on fruit. In addition the average number of household member and the average score of knowledge about forest resource conservation significantly related to the dependency on firewood.

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