

Struktur komunitas dan pemanfaatan bambu dalam perspektif masyarakat Kecamatan Srumbung Kabupaten Magelang Provinsi Jawa Tengah = Community structure and utilization of bamboo in the perspective of the community of Subdistrict Srumbung, Magelang District Central Java Province

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Abstrak

The study on the community structure of bamboo was done at sub district Srumbung Magelang Central Java Province. This study has been held on October 2010. Fourty plots have been made at sub district Srumbung. The research was done by using purposive sampling technique. From this study, it is shown that were 51 species of bamboo and non bamboo. There are 10 species of bamboo found in these plots. The highest frequency of bamboo *Gigantochloa apus* (0,5). The highest density is also *Gigantochloa apus* (2567,5 culm/ha) but *Dendrocalamus asper* (137,5 clump/ha). The highest density based on clump/ha is *Gigantochloa apus* (0,320 culm/ha) and *Dendrocalamus asper* (0,222 clump/ha). When the important value was calculated for clump/ha. The highest dominance is *Gigantochloa apus* (0,019 culm/ha), and *Dendrocalamus asper* (0,016 clump/ha). When the dominancy was calculated based on clump/ha. The diversity index showed a low diversity when calculated for culm/ha. The dispersal of bamboo culm and clump is colony and aggregate. The highest culm diameter is *Dendrocalamus asper*. The highest clump diameter is *Gigantochloa atter*.