

Distribution and morphology of Dipterocarpaceae phytoliths in Lambir Hills, Borneo

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[1] none

Transportation of Dipterocarpaceae phytoliths were discussed, based on a relationship between the distribution of phytoliths in surface sediments and that of mother plants at the Lambir Hills for a long-term ecological research of tropical rain forest in Sarawak, East Malaysia. Some grouping types of phytoliths obtained from Dipterocarpaceae litters were identified every genus; Anisoptera, Dipterocarpus and Vatica. The distribution same pattern showed that the number of litters and phytoliths decreases away from the mother trees; Dipterocarpus grobosus and Shorea inappendiculata. It was suggested that a few phytoliths were transported after a disintegration of leaves to low places.