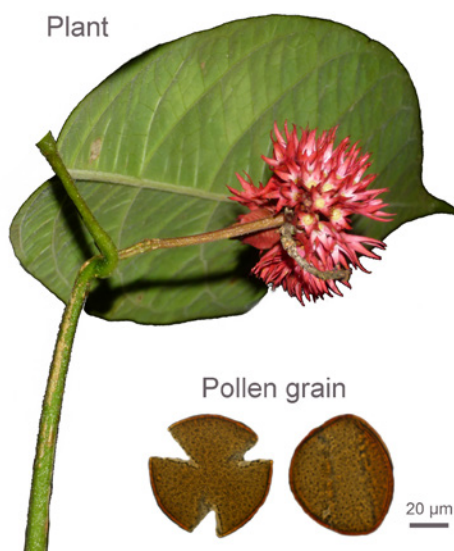




## Research project of counterparts funded at UNJA

Name	Counterpart	Title
Asmadi Saad	A01	Tropical modern pollen collection as a tool to interpret the quarternary fossil pollen records in Sumatra, Indonesia

Collections of modern pollen samples and pollen-vegetation relation studies represent the basic research tool of any palynological research. Objectives of this research were to (1) develop a pollen and spore collection at the University of Jambi (UNJA) and (2) to carry out vegetation analysis and set new pollen-spore traps in defined locations related to the A01 scientific project (Jambi Province, Sumatra). Vegetation surveys were carried out from May to September 2015 and in May 2016 in the Kerinci National Park (Danau Njalau and Lingkat) and in the Bukit Sari Natural Recreational Park. A total of 20 pollen traps were installed in 2014 in the Kerinci National Park, in the Bukit Sari Natural Recreational Park, in Sungai Buluh, in the oil palm plantation of PTPN VI and in Mendahara Ilir. After one year the pollen traps were collected and are currently under study to reconstruct the pollen rain production and distribution at the different sites as compared to the vegetation composition in the plots. Flowers for pollen reference collection were taken from Kerinci, Bukit Sari, Mendahara Ilir, Sungai Buluh and Muara Jambi Temple. So far ca. 150 pollen taxa have been added to the collection in UNJA (Fig. 1). The number will increase as the collection is still ongoing.



**Figure 1.** *Clerodendrum deflexum* plant and pollen collected for the reference collection at UNJA.



**Figure 2.** Team at UNJA installing pollen traps in Mendahara Ilir (Jambi, Sumatra). From right to left: Verawati, Handriyani, Reza Mardhony and Erik Suwananda.