

## **Rafflesia patma (Rafflesiaceae): notes on Its field study, cultivation, seed germination and anatomy**

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### **Abstrak**

*Rafflesia* spp. (Rafflesiaceae) have a strategic value from both scientific and conservation viewpoints. To date only very few attempts have succeeded in growing the species ex situ and the main protection measures have been by in situ conservation. More detailed studies are required to understand the relationships between *Rafflesia* spp. and their host plants in order to improve their management and conservation. Studies on the anatomy, in vitro culture and seed germination in connection with conservation have been conducted in the Bogor Botanic Gardens. Effort to transfer *Rafflesia patma* to an ex situ conservation area has produced some flowers. However, we encountered a bigger challenge to maintain the long term presence of *R. patma* in ex situ conservation, since a high number of individuals is required to make the viable population.