

Studies on Homalomeneae (Araceae) of Borneo XIX: Three new species of geologically obligated Homalomena from Sabah, Malaysian Borneo

Abstract

Three new geologically obligated species of *Homalomena* Schott are described from Sabah, Malaysian Borneo. Rhe- ophytic *H. gempal* Kartini, P. C. Boyce & S. Y. Wong, sp. nov., restricted to rhyolite, belongs to the *Chamaecladon* clade and is compared to *H. atrox* P. C. Boyce & al. and *H. paucinervia* Ridl. *Homalomena marasmiella* Kartini, P. C. Boyce & S. Y. Wong, sp. nov., restricted to ultrama c substrates, forms an apparently natural grouping with *H. stella* P. C. Boyce & S. Y. Wong and *H. vagans* P. C. Boyce, and together these are termed the Vagans Complex. *Homalo- mena simunii* Kartini, P. C. Boyce & S. Y. Wong, sp. nov. is the third species of the *Insignis* clade to be described from Sabah and is restricted to basalt. All three species are illustrated from living plants.