

TAXONOMIC REVISION OF *Etilingera*  
(A.D. Poulsen) IN KINABALU PARK,  
KUNDASANG SABAH

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## ABSTRACT

### TAXONOMIC REVISION OF *Etlingera* (A.D. Poulsen) IN KINABALU PARK, KUNDASANG SABAH

*Etlingera* (A.D.Poulsen) has the most species recorded (16) in Kinabalu Park rather than the other 7 genera in the tribe *Alpinieae* A. Rich; 6 species of *Alpinia*, 11 species of *Amomum*, 5 species of *Plagiostachys*, and 1 species of *Elettariopsis*, *Elettaria* and *Geocharis* respectively. The purpose of the study was to revise the collection of Deposited Specimen Vouchers (DSV) of *Etlingera* species in Kinabalu Park. This study was done following standard taxonomic procedures involving grouped DSV into taxa, and developed a dichotomous key. There were 16 species out of 40 *Etlingera* species of Borneo which found in Kinabalu Park which represented by 135 DSV. These include *Etlingera amomoides* (A.D.Poulsen & Mood), *Etlingera elatior* (Jack) R.M. Smith, *Etlingera pyramidosphaera* (K.Schum) R.M.Smith, *Etlingera pubescens* (R.M.Smith), *Etlingera brevilabrum* (Valeton) R.M.Smith, *Etlingera velutina* (Ridl.) R.M Smith, *Etlingera megaloscheilos* (Griff.) A.D.Poulsen, *Etlingera rosamariae* (A.D.Poulsen & Gobilik), *Etlingera baculutea* (A.D.Poulsen & H.Ibrahim), *Etlingera sessilanthera* (R.M.Smith), *Etlingera coccinea* (Blume) S.Sakai & Nagam, *Etlingera cf. nasuta* (K.Schum) R.M.Smith, *Etlingera corrugata* (A.D.Poulsen & Mood), *Etlingera fimbriobracteata* (K.Schum) R.M.Smith, *Etlingera longipetiolata* (B.L.Burt & R.M.Sm), and *Etlingera sayapensis* (A.D.Poulsen & H.Ibrahim). The 38 DSV of unknown *Etlingera* species were belonged to the 9 identified species which were *E. coccinea* (Blume) S.Sakai & Nagam, *E. fimbriobracteata* (K.Schum.) R.M.Smith, *E. longipetiolata* (B.L.Burt & R.M.Smith), *E. megaloscheilos* (Griff.) A.D.Poulsen, *E. pubescens* (R.M.Smith), *E. pyramidosphaera* (K.Schum.) R.M.Smith, *E. rosamariae* (A.D.Poulsen & Gobilik), *E. sessilanthera* (R.M.Smith) and *E. velutina* (Ridl.) R.M.Smith. Most of the DSV identified as *E. rosamariae* (A.D.Poulsen & Gobilik) by a diagnostic character midrib above pale brown and lamina obovate. The DSV key of *Etlingera* (A.D.Poulsen) to the species was made mainly on the basis of macro-morphological characters.