

**Morphological Systematics of *Spathoglottis* Blume (Orchidaceae: Collabieae) in  
Peninsular Malaysia and Borneo**

**ABSTRACT**

Seventy-two morphological characters and three ecological characteristics were measured to assess variation and phylogenetic relationships among twelve species and three infraspecific taxa of the genus *Spathoglottis* from Peninsular Malaysia and Borneo. The morphological analyses divided *Spathoglottis* into two main groups based on the colours of the flower: Purple-Flowered *Spathoglottis* and Yellow-Flowered *Spathoglottis*. Species within the two groupings were further classified based on the size of the plants (Large/Dwarf Purple *Spathoglottis* and Large/Dwarf Yellow *Spathoglottis*) and the shapes of the labellum (spathulate, bilobulate or narrow/thread-like). The selected morphological characters appeared to support the taxonomic boundaries between two mostly debated taxa in the genus, *S. aurea* and *S. microchilina*.