

**Macro- and micro-morphologies and conservation status of *Hymenorchis javanica*
(Orchidaceae: Aeridinae): the only representative of the genus in Malaysia**

ABSTRACT

Analysis of morphological characters and conservation status were carried out for *Hymenorchis javanica* from Peninsular Malaysia. Morphology was studied in detail and accompanied by a botanical drawing prior to the correct identification. From most closely related *Hymenorchis phitamii* found in Vietnam, it differs in the lip ovate-oblong with apex acute and margins entire, and the leaves margins prominently serrulate. Based on the current IUCN criteria, we proposed *H. javanica* as an endangered species under the threatened category. Judging from the current small population sizes and degraded habitats, *H. javanica* in Malaysia is threatened by extinction in the wild.

Keyword: Endangered species; Climate change; *Hymenorchis*; Orchidaceae; Taxonomy