



EXPLORATION AND IDENTIFICATION OF WILD ORCHID PLANTS

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Orchid is group of plants of world's exotic with high diversity which provide various attractive colours. Orchid is widely distributed around the world with high species diversity in the tropics. Wild orchids are considered as nature heritage of Indonesia, and as such, they ought to be conserved. Forest overexploitation and destruction due to illegal logging and plantation extirpation, extreme climate fluctuation, excessive illegal wild orchid hunting have caused natural population of many wild orchids ever declining. Research is badly needed in order to conserve natural orchid population. A preliminary exploration, collection and identification of wild orchids have been done in Bengkulu, and it is expected that the activities be continued to domestication. Several wild orchid species or genus were found in Rejang Lebong, Lebong, Northern Bengkulu, Bengkulu City (Dendam Lake) and Bengkulu Island. They are grouped into three: epiphyte, aquatic, and terrestrial orchids. Included in epiphyte orchid are black orchid (*Coelogyne mayana*), vanda orchid (*Vanda tricolor* Lindl.), *Grammatophyllum striatum* (Swartz) and *Spathoglottis* sp. *Vanda hookeriana* is aquatic orchid. Whereas, included in terrestrial are *Paphiopedilum* sp. (semiterrestrial) and *Spathoglottis* sp. (terrestrial).

Key words: orchid, exploration, identification, domestication

RESULT



The population of species are declining and such as domestication are needed, not only for conservation, but also for scientific utilization. Hence, for people must close for forest reserve.



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LETTER OF APPRECIATION

To

Dwi Wahyuni Ganefiyanti and Dotty Suryati

University of Bengkulu, Indonesia

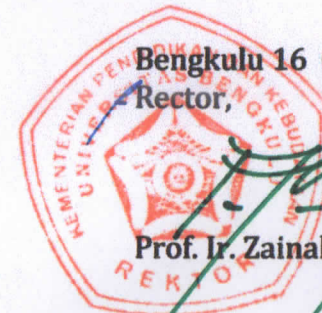
On behalf of the Organizing Committee, I would like to express my appreciation for your poster presentation entitled

Exploration Initiation of Wild Orchid Bengkulu

in the 3rd RENPER International Seminar held by the University of Bengkulu, Indonesia, on 15-16 October 2012.

Bengkulu 16 October 2012

Rector,



Zainal Mukhtar
Prof. Ir. Zainal Mukhtar, M.Sc, Ph.D.