Journal Name:	Asian Journal of Biology
Manuscript Number:	**Ms_AJOB_41418**
Title of the Manuscript:	**Analysis of genetic diversity among the five species of Calamus by RAPD markers.**
Type of the Article	

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	Page 1 Line 2: … **RAPD markers** Page 2 Line 37: ... a half million ... Page 3 Line 73: Random amplified ... Page 4 Line 82: ..., *C. thwaitesii* and *C. vattayila*, and Page 4 Line 96: ... of $MgCl_2$, ... Page 4 Line 97: ... of *Taq* DNA ... Page 4 Line 99: ... by Eppendorf master ... Page 4 Line 104: fingerprinting. ... Page 5 Line 122: ... bands. Sixty four bands ... Page 8 Lines 145-147: delete "Simple matching, similarity co-efficient and dendrogram were computed by using a software numerical taxonomy and multivariate analysis version 2.02 e and unweighted pair group method with arithmetic mean (UPGMA)." It is already mentioned in the Material and Methods section. Page 10 Line 192: ... required, 3) each ... Page 10 Line 193: ... site, and 4) which ... Page 10 Line 211: ... of $MgCl_2$ Page 11 Line 212: ... concentration, *Taq* polymerase ... Page 11 Line 216: ... five Operon primers ... Page 11 Lines 220-228 : delete "Analysis of RAPD profile revealed that a total of 108 RAPD markers are generated through 5 primers. Out of these 64 are polymorphic with 59.25% of polymorphism among the taxa studied. The primer OPC-07 has generated maximum per cent of polymorphic bands and least by OPD-02. C.prasinus has highest per cent of polymorphism (76.00%) which is a solitary cane and having 3 veined leaflets followed by C.vattayila (66.98%) which is also a solitary cane but having 6 veined leaflets. Least per cent of polymorphism was seen in C. huegelianus (43.76%), an endangered species. C. thwaitesii and C. huegelianus are having maximum similarity coefficient of 0.66, whereas C. vattayila and C. nagabettai show least similarity coefficient of 0.45." It is already mentioned in the Results section. Page 11 Line 230: Changtragoon et al. [18] … Page 11 Line 235: ... Sreekumar et al. [19] ... Page 11 Line 243: ... study; however, per ... Page 12 Line 268: morphological characters vs. clustering pattern has ... Pages 12-13 Line 267-303: Discussion about plant "morphological characters" is too long. Especially Lines 296-303 are not the Result of this current research and should be deleted. Nevertheless, if there are some data available about morphological characters obtained from the current research, they should be presented in Material and Methods, and Results sections. Page 14 Line 308: … using NTSYSpc and UPGMA softwares and … Page 14 Line 309: genetic characters … Page 14 Line 309-310: Delete "Dichotomous key for the selected taxa was proposed 309 based on the results obtained from the present study." Page 14 Line 316: … of palms based … Page 14 Line 336: … to assess genetic Page 15 Line 346: … editors, Non-mammalian … Page 17 Line 416: … similarity co-efficient and …	
Minor REVISION comments		

Optional/General comments		

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