



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_35836
Title of the Manuscript:	Compositions of Thunbergia grandiflora leaf and root essential oils
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	Dear Colleague, greetings. I have some comments that may help: 1. Why no biological activity was screened for the oil to support your chemical findings? 2. In key words section, terpenoids were mentioned although not identified nor isolated in this study. Why? 3. How come it is a shrub and 20 meters tall? Check 4. In line 84, "Sample of <i>Thunbergia grandiflora</i> was collected in large quantities". You should add the exact weight used. 5. In line 116, "an endangered medicinal <i>Acanthaceae</i>" means what?? 6. Lines 117 to 120 are repetition and were written before in the manuscript. 7. In table 1, physical examination adds nothing to the data. 8. Figures 1 & 2 are not clear. Please provide clearer ones. 9. In tables 2 & 3, add column for the identification method for each compound. 10. Please provide sample for mass fragmentation of identified compounds so I can revise them. 11. Compound 30 (phytol) is wrongly identified. 12. In reference 26, the plant name was wrongly written in non-italic form and genus name should be italic. 13. I can't understand reference 5 and the link provided is not working. 14. As stated in author guidelines, journal names in references should be abbreviated. Thank You and Good Luck	1. Our study is on identifying the essential oils' chemical compositions. But we inferred from literature, some biological activities of few of the identified compounds. 2. It was stated there because terpenoids are common constituents of essential oils, especially mono- and sesquiterpenoids, but they are not common in the studied oils. Hence under 'Discussion' we have stated thus: The ubiquitous terpenoids are not common in these essential oils. 3. It has been corrected thus: It is a large climbing and twining plant... 4. Corrected thus: Sample of <i>Thunbergia grandiflora</i> was collected, about 1.5 Kg, which.. 5. It has been corrected, endangered has been removed thus: a medicinal specie, were... 6. It has been reconstructed and unnecessary repetition removed. 7. Thanks, it is changed to Odour assessment 8. It has been provided. 9. Section on 'Identification of compounds' gives the details e.g. The AMDIS software version 2.71 build 134.27 was used for deconvolution i.e. to compare the NIST library spectra with component spectra. 10. The analyses were done using an Agilent 5975C series Gas Chromatograph - Mass Spectrometer (GC-MS) system. Data analysis was done using Productivity Chemstation Version E.02.01.1177 in conjunction with the Automated Mass Spectral Deconvolution and Identification System (AMDIS). Also minimum match factor was for deconvolution on AMDIS was set to 70 and all identified components had match factors between 70 and 100. The second author DOM did not print out the fragmentation patterns, but directly worked using this in Botswana, where she had the analyses. Thank you. 11. It has been rechecked and now comes as compound number 11. Thank you. 12. Effected thus: of <i>Thunbergia laevis</i> nees... Thanks. 13. The link has been corrected thus: http://www.mpbdi.info/plants/thunbergia-grandiflora.php. 14. Journal names have been abbreviated. Thank you.
Minor REVISION comments	1. Abstract part is written in all capital letters and its paragraph needs justification.	It has been changed and justification effected.
Optional/General comments		