



SDI Review Form 1.6

Journal Name:	South Asian Journal of Research in Microbiology
Manuscript Number:	Ms_SAJRM_48975
Title of the Manuscript:	Studies on the Antibacterial Profile of Brysocarpus coccineus and Zanthoxylum piperitum
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)
<p>Compulsory REVISION comments</p>	<p>Introduction: clear and argumentative.</p> <p>2.1. Collection and Identification of Plant Samples</p> <p>The plant material used for the various test in this work is <i>Zanthoxylum piperitum</i> and <i>Bryocarpus coccineus</i>. (exist a Voucher number ? Deposit in any herbarium ?) The leaves were obtained from different locations (where ? (GPS), when (season)?) in Nsukka. <i>Bryocarpus coccineus</i> was got from an open farm-land in Ehandiagu area (very unprecise !), and <i>Zanthoxylum piperitum</i> was got from a thick forest in Orba area (all in Nsukka) (The locations are confidential ?). The leaves were identified by Mr Ozioko from Bioresource Development and Conservation Programme, Nsukka.</p> <p>These plants were then air-dried for about 5 days (define air dried... controlled humidity ? temperature ??). The dried parts were subsequently reduced to fine powder (size ? how ?) using an electric grinder (model ?).</p> <p>2.1. Methanol extraction of anti-microbial substances from <i>Bryocarpus coccineus</i> and <i>Zanthoxylum piperitum</i> leaves.</p> <p>A 25g weight of the ground leaves was measured into sterile 500ml bottles. Then 250ml of the methanol solvent was added. (why methanol ?)</p> <p>2.1. Phytochemical Analysis</p> <p>Powdered samples were subjected to phytochemical analysis to screen for active constituents in the leaves of <i>Bryocarpus coccineus</i> and root bark of <i>Zanthoxylum piperitum</i> using standard procedures of analysis [16]. Tests were done to detect the presence of alkaloids, tannins, saponins, resins, flavonoids, steroids, Glycosides, terpenoids, Carbohydrate and Resins.</p> <p>Methanol extract all these compounds classes ?</p> <p>2.1.1. Test Microorganisms</p> <p>The Microorganisms used in the test comprise a total of six bacterial isolates (<i>Pseudomonas aeruginosa</i>, <i>Bacillus subtilis</i>, <i>Escherichia coli</i>, <i>Klebsiella pneumonia</i>, <i>Salmonella typhi</i> and <i>Staphylococcus aureus</i>) and type culture isolates (<i>Staphylococcus aureus</i> (ATCC 2278), <i>Escherichia coli</i> (ATCC 2127), and <i>Pseudomonas aeruginosa</i> (UCH 2078). Why these bacterial ? justify, please.</p> <p>Phytochemical Components of methanol extract of <i>Bryocarpus coccineus</i> and <i>Zanthoxylum</i> If you use a apolar solvent can you extract other class... You have to justify</p>	



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	<p><i>your choice for methanol.</i></p> <p>Antimicrobial Activity of Extracts.</p> <p>The Preliminary Tests (Interesting results !!)</p> <p>4.0 DISCUSSION Your results are not enough to affirm what you present.</p> <p>You have a mixture of compounds and you have no information about different or rations of concentration of each class. Your results are very interesting but very preliminary.</p>	
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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