

Review Form 1.6

Journal Name:	South Asian Journal of Parasitology
Manuscript Number:	Ms_SAJP_91510
Title of the Manuscript:	Effects of Azadirachta indica seed extract on Larvae and adult Anopheles mosquitoes in Nasarawa Local Government Area, Nasarawa State Nigeria.
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:

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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	<p>Abstract (1) Line 7: A better word should be 'larvicidal'. (2) Lines 9 - 12: Authors should present the exact concentrations of the values in mg/mL. (3) Line 13: Authors should use a better expression e.g., require higher concentrations of the extract</p> <p>Introduction (1) Line 3: Authors should substitute the word 'just' with 'only'. (2) Line 11: Authors should separate the botanical name of plant was written (<i>Meliaazedarach</i>) as one word. (3) Lines 20 - 26: Authors should recast paragraph as follows: Previous studies (Aleiro, 2003; Adobu et al., 2018) have shown that larvae of Anopheles mosquitoes exhibited a high mortality rate to seed oil and leaf extract but less mortality to the bark extract upon exposures at 12 hours.</p> <p>Materials and Methods (1) Sample collection: Information regarding the preparation/source of the plant materials (extract, as well as impregnated paper/disc) used in the study needs to be provided. (2) Procedure for WHO: Recast subtitle as: Susceptibility Assay of Neem Oil Extract. In line 1 of this section, authors should mention the concentrations. (3) While reporting each task, authors should mention procedure adopted before proceeding to describe the steps. Example: The susceptibility of the Anopheles mosquitoes to neem oil extract was assayed following the WHO's procedure for susceptibility of neem oil extract. The susceptibility test was carried out using four test tubes for (4) Larvicidal Activity: Authors can also include statistical analysis to establish correlation between the treatments. (5) Last sentence of the subsection: Authors should cite Tale 1 to close the sentence.</p> <p>Results Effects of Azadirachtin indica oil extract on adult Anopheles mosquitoes: (1) Sentence 2: Authors should sentence (Mortality was recorded at 10 minutes, 60 minutes and 24 hours) to the 'MATERIAS and METHODS' section. (2) Table 1: Authors should indicate if the numbers before the brackets are multiplying the ones in brackets. If othwise,the brackets in the table anddouble figures in rows are not necessary.</p> <p>The larvicidal effect of A. indica oil extract (3) Sentence 3 of subsection: Authors should cite table 2 to close the sentence. (4) Table 2: Same as in table 1 above.</p> <p>Discission (1) Sentence 1: Authors should cite Table 1 to close the sentence. (2) Sentence 5: Authors sould cite Table 2 to close the sentence.</p> <p>Conclusion - References (1) Entry 1: Authors should follow journal's pattern of reference and recast entries as follows: Abou-Fakhr Hammad, E.M., Zournajian, H. and Talhouk, S. Efficacy of Extracts of Melia azedarach L. Callus, Leaves and Fruits against Adults of the Sweetpotato Whitefly Bemisia tabaci (Hom. Aleyrodidae). Journal of Applied Entomology,2001;125, 483-488. (2) Missing enrty: Authors should look up the entry: (Kela et al., 2019) which was cited in the 'discussion' section but was not found in the 'REFERENCE' section.</p>	
Minor REVISION comments	Authors should check up grammatical errors poited out in the returning manuscript.	
Optional/General comments		

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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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