



SDI Review Form 1.6

Journal Name:	Microbiology Research Journal International
Manuscript Number:	Ms_MRJI_34949
Title of the Manuscript:	Diversity and Antimicrobial Activity of Microorganisms Associated with Hydrobionts from the Sea of Japan Seashore with the Occurrence of Tropodithietic Acid Producing Bacteria
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	Please carry out the corrections based on comments its minor revisions only 1. MB supplemented with 30% glycerol and MEGA give correct expansion for it 2. Keep the image of the Hydrozoa and Red Alga Polysiphonia sp if available. 3. Please mention the reason why did you choose ethyl acetate for the isolation of tropodithietic acid. Since there are many organic solvents. 4. In agar diffusion method write the concentration values of extract you used 5. Then for <i>candida albicans</i> as it is a fungi what	1. MB and MEGA were corrected as Marine Broth 2216 and Molecular Evolutionary Genetics Analysis, respectively. The correction was entered to the text and marked in yellow. (Page 3) 2. We have only a photo of algae <i>Polysiphonia</i> sp 3. It is a universal solvent, one of the most suitable for the isolation of low-molecular compounds, such as the TDA 4. It was added to the text .."at a concentration of 1 mg/ml" (Page 4, line 63) 5. Yeast <i>Candida albicans</i> was grown on the Sabouraud medium.



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	is the agar used for it. 6. The objective of the study is not clear as you have mentioned bioactive metabolites how many of them you have identified or mention the specific metabolites In LCMS analysis you have mentioned only TDA is there any other specific metabolites	We did not include the conditions for cultivation of indicatory bacteria since we give a reference to the previous article where it is described in detail 6. The objectives of the study are reported in the title, abstract and in the introduction. Our research was focused on the study of the biodiversity of associated microorganisms and screening of isolates for their antimicrobial activity to evaluate potential of associated bacteria for the production of biologically active metabolites. Of specific antimicrobial metabolites the presence of tropodithietic acid (TDA) was confirmed in two strains. 7. The aim of the LCMS analysis was to find and confirm the presence of TDA in extracts of two active strains, other metabolites were not studied
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		