



**SDI Review Form 1.6**

Journal Name:	<a href="#">Advances in Research</a>
Manuscript Number:	Ms_AIR_43421
Title of the Manuscript:	The hierarchical structuring of species abundances within communities: disentangling the intensity of the underlying structuring process behind the apparent unevenness pattern
Type of the Article	Method 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>)

**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)
<b>Compulsory</b> REVISION comments	<p>Dear Sirs,</p> <p>The manuscript presents an ecological approach to measure the relationship between richness and abundance. It presents a very clear and objective proposal. However, the proposal of ecological measurement presented is very restricted. No descriptors of the communities evaluated are presented. The manuscript, in this sense can explain, for example, communities of terrestrial animals, or vegetables? Is the equation able to explain communities of social insects, for example?</p> <p>In this sense, I suggest that information be added so that the reader can visualize possibilities in his studies, since the method of Broken stick is widely used among ecologists.</p>	<p>Thanks for the review</p> <p>The manuscript addresses nothing else than a <i>methodological</i> approach to <i>disentangle the apparent pattern of abundance unevenness from the genuine intensity of the process of structuring of abundance</i> (as the former is spuriously influenced and, thereby biased, by its purely mathematical dependence on species richness. In particular, considering the intensity of the structuring process - rather than the apparent unevenness pattern (as is, regrettably, still usually made) - allows to relevantly compare unevenness between species communities <i>having different species richness</i>. The manuscript address these descriptors <i>only</i>, as they are <i>admittedly considered by scientists as the main descriptors of species communities in the wild</i>, either terrestrial or marine, either animals or plants.</p> <p>Accordingly, considering here pluri-specific communities has nothing to do with mono-specific communities such as those of social insects.</p> <p>The required information to help the reader to visualize possibilities of the method are proposed in the series of case studies that highlight relevant applications: please see § 3, 4, 5.</p>
<b>Minor</b> REVISION comments	<p>The manuscript needs an orthographic revision;</p> <p>The figures require formatting and standardization;</p> <p>Many bibliographical references are old (&gt; 5 years)</p>	<p>Orthographic revision has been considered</p> <p>Figures are formatted and standardized as usual</p> <p>Indeed, the majority of bibliographic references are recent (less than 5 years) : 20 are less than 5 yeras against only 14 which are older, and none of the latter is irrelevant to the subject</p>
<b>Optional/General</b> comments		