

Review of: "A Neg-Entropy Function Applied to Pairwise Co-Occurrence Matrices in the Study of Ecological Communities"

Cornelia Breitzkopf¹

¹ Technische Universität Dresden

Potential competing interests: No potential competing interests to declare.

Review of „A Neg-Entropy Function applied to pairwise co-occurrence matrices in the study of ecological communities”

The author summarizes his collected knowledge to describe ecological communities by mathematical expressions. The article provides a useful historical list of relevant papers and enables one to follow the research subject. The article is written in a personal style, which I find very nice. I suggest publishing it after a minor revision as it may contribute to the scientific field in ecology.

Suggestions for improvement:

- Shorten the abstract to a description of facts without describing already detailed procedures.
- Try to find a solution for your description of terms like “toy” or “treats”; in my opinion, science does not need any quotation marks; however, if the journal accepts it, it may stay.
- Page 3: The list from a) to g): Sometimes you end with an “and” at the end, and sometimes not; make it consistent.
- Page 7: Before equation 5, there might be a format mistake after “data matrix”; check it.
- Page 9: Table 2: Remove “This table shows the” and start with “Values”; you need not repeat the sentence from the text.
- Page 12: Put the citation www. Britannica.... in the back and only cite it here.