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| Book Name: | [Geography, Earth Science and Environment: Research Highlights](https://www.bookpi.org/bookstore/product/geography-earth-science-and-environment-research-highlights-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4443** |
| Title of the Manuscript:  | **THE WATER PENETRATION AND REPELLENCY OF FEATHERS REVISITED** |
| Type of the Article | **BOOK CHAPTER** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | *This article is important in terms of delving into the subject of wettability of bird feathers, especially since it can be used in different fields such as textiles, which is a specialty.* |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | *Yes it is suitable* |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | *It is comprehensive, But I would like to point out that it is better not to use the phrase “we”, but rather to attribute the action to the passive verb.* |  |
| **Is the manuscript scientifically, correct? Please write here.**  | *Yes, it is scientifically correct and rich in references.* |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | *In fact, almost all references are old, and I do not find this appropriate, as it is important to rely on some modern references (2024 and 2025) or even (2023 and 2022).* |  |
| Is the language/English quality of the article suitable for scholarly communications? | *The language is suitable* |  |
| Optional/General comments | *The article is important, but the references should be reviewed. Also, the paragraphs used have similar titles, as follows:**WATER REPELLENCY, WATER RESISTANCE, AND WATER-BIRD FAMILY**WATER REPELLENCY, WATER RESISTANCE, AND SPREAD-WING POSTURES**WATER REPELLENCY, WATER RESISTANCE, AND OTHER BEHAVIORAL PATTERNS**It is preferable to change the titles of the paragraphs so that each subtitle is more appropriate for the paragraph to which it relates.* |  |

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| **PART 2:**  |
|  | **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)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** |
| Name: | **Weaam Alali** |
| Department, University & Country | **Homs University, Syria** |