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| Journal Name: | [**Asian Journal of Research in Zoology**](https://journalajriz.com/index.php/AJRIZ) |
| Manuscript Number: | **Ms\_AJRIZ\_139309** |
| Title of the Manuscript: | **Field Evidence of Erythrism and Partial Leucism in House Sparrow (Passer domesticus) Populations of Ajmer City, Rajasthan** |
| Type of the Article | **Short Research Article** |

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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** (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 is a well-structured and significant observational study that contributes valuable baseline data on rare plumage anomalies—erythrism and partial leucism—in Passer domesticus populations in an understudied region of India. The manuscript is methodically prepared and grounded in relevant literature. The data is original, regionally novel, and presents ecological implications that merit further investigation. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes |  |
| 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. | In the abstract, it is stated: “three erythristic House Sparrows (three males and two females)” — this is inconsistent (3 ≠ 3+2). Please correct to either “five individuals (three males, two females)” or “three individuals (e.g., one male, two females)” based on actual records. |  |
| Is the manuscript scientifically, correct? Please write here. | Field techniques and observation criteria are well defined and ethically sound. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Ensure all references are complete and accurate—some recent references (e.g., Kumar & Khan 2024) may not be verifiable unless in press or preprint. |  |
| Is the language/English quality of the article suitable for scholarly communications? | This paper is suitable for publication following minor clarifications and consistency edits. It |  |
| Optional/General comments | Major Suggestions for Improvement  1. Sample Size and Statistical Depth  The study is based on a limited number of individuals (n=3), which is understandable for rare phenotypes, but this limitation should be clearly stated in both the abstract and conclusion.  Consider discussing how sampling effort (e.g., hours of observation) supports the confidence in the rarity of such anomalies.  2. Clarity in Abstract and Results  In the abstract, it is stated: “three erythristic House Sparrows (three males and two females)” — this is inconsistent (3 ≠ 3+2). Please correct to either “five individuals (three males, two females)” or “three individuals (e.g., one male, two females)” based on actual records.  The Results section also says two erythristic and one leucistic bird were observed—so please ensure all data tallies consistently.  3. Scientific Terminology  The use of the term “genetically distinct” population should be toned down to “potentially genetically distinct” or “suggestive of heritable traits,” unless backed by genetic data.  Similarly, avoid speculative phrases such as "founder effects" or "genetic drift" unless more robust population genetic evidence is provided.  4. Formatting and Consistency  Capitalization is inconsistent (e.g., section 2: "material and methods" should be "Materials and Methods").  GPS coordinates should follow a consistent format (either DMS or decimal degrees).  Standardize references (e.g., italicize species names consistently).  5. Literature References  Excellent use of contemporary regional studies. Ensure all references are complete and accurate—some recent references (e.g., Kumar & Khan 2024) may not be verifiable unless in press or preprint. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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)* |  |

**Reviewer details:**

**Shatrudhan Upadhyay , Shakumbhari University, India**