

Review of: "Damsels in a Hidden Colour: Development of Ultraviolet Sensitivity and Colour Patterns in Damselfishes (Pomacentridae)"

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Potential competing interests: No potential competing interests to declare.

The current study provides valuable new insights into the evolution of vision and how it may change throughout an individual's life history. The manuscript is clear and well-written. I have only two suggestions to further enhance its informativeness:

In Fig. 1A, if possible, the authors should include images of the adults in the visible spectrum.

In the second paragraph of the section "2.4. RNA Extraction, Sequencing and Transcriptome Assembly", the sentence "Cytochrome c oxidase I (COI) region was used to identify larvae that could not be assigned to a species based on morphology alone (n = 2 species)" would be more informative if the number of individuals were also specified.

With these minor additions, the manuscript would become even more robust and comprehensive.