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SUPPLEMENTARY ONLINE MATERIAL FOR

Photography in the ultraviolet and visible violet spectra: unravelling methods and applications in palaeontology

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Supplementary Online Material

Fig. S1. *Pachycyrtella omanensis* [MPUM 12154 (OL130B)] with and without bleach treatment, photographed in visible light, 365 nm and 440 nm.

Fig. S2. *Oliva bulbosa* [MPUM 12165 (BS-68)] and *Chamelea gallina* [MPUM 12161 (ACG2040)] with and without bleach treatment, photographed in visible light, 365 nm and 440 nm.

Fig. S3. *Glycymeris nummaria* [MPUM 12162 (ACG261-1)] right valve in external view, with and without bleach treatment, photographed in visible light, 365 nm and 440 nm.

Fig. S4. *Glycymeris nummaria* [MPUM 12162 (ACG261-1)] right valve in internal view, with and without bleach treatment, photographed in visible light, 365 nm and 440 nm.

Fig. S5. *Glycymeris nummaria* [MPUM 12157 (ACG204-A)] with and without bleach treatment, photographed in visible light, 365 nm and 440 nm.

Fig. S1. **A–C.** *Pachycyrtella omanensis* [MPUM 12154 (OL130B)], ventral view of an articulated specimen, visible light (A), 365nm (B) and 440nm (C). **D–F.** *Pachycyrtella omanensis* [MPUM 12154 (OL130B)], dorsal view of an articulated specimen, visible light (D), 365nm (E) and 440nm (F). For all photos: ₁ = without treatment, ₂ = after 3 hours immersion in 50% diluted bleach, ₃ = after 24 hours immersion in 50% diluted bleach, ₄ = after 72 hours immersion in 50% diluted bleach.

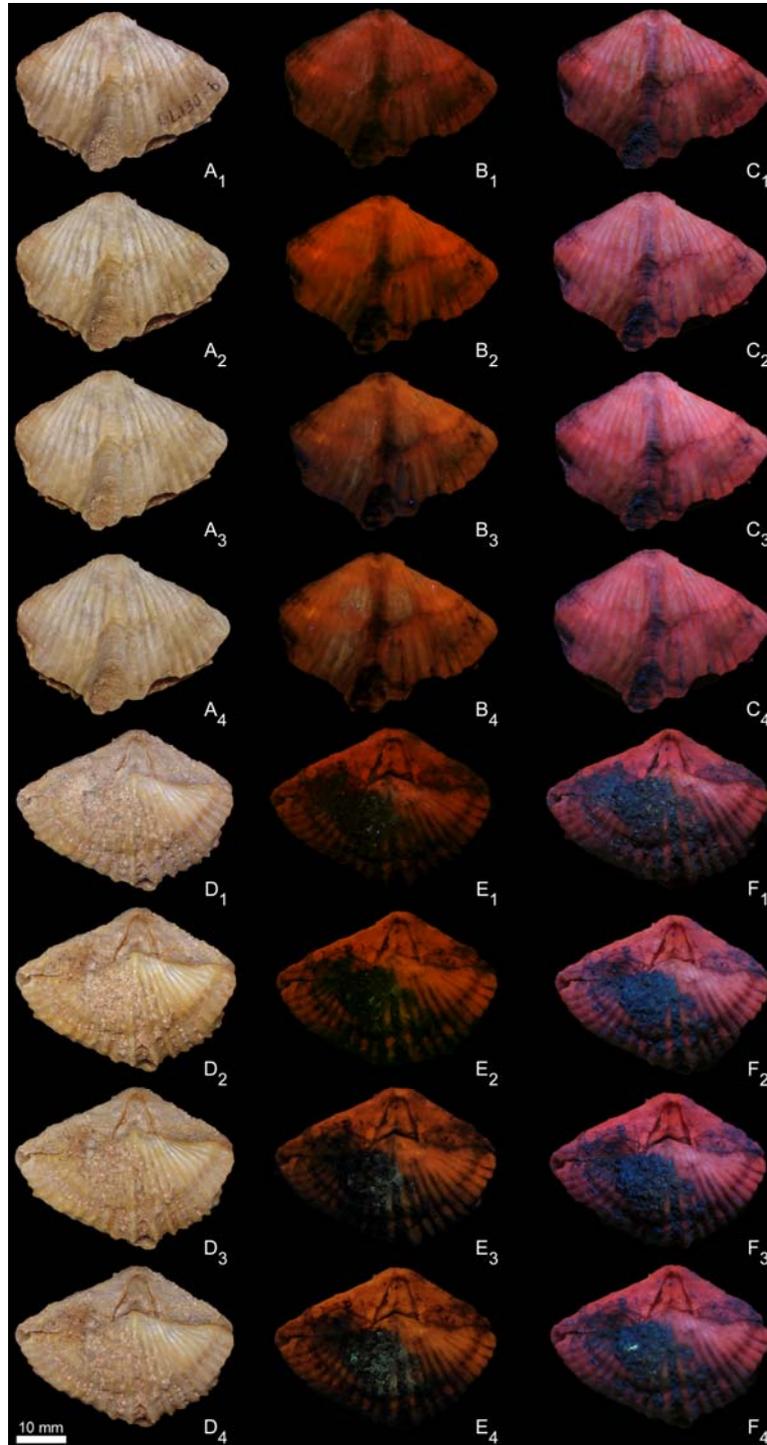


Fig. S2. **A–C.** *Oliva bulbosa* [MPUM 12165 (BS-68)], aboral view, visible light (A), 365nm (B) and 440nm (C). **D–F.** *Oliva bulbosa* [MPUM 12165 (BS-68)], oral view, visible light (D), 365nm (E) and 440nm (F). **G–I.** *Chamelea gallina* [MPUM 12161 (ACG204)], right valve in external view, visible light (G), 365nm (H) and 440nm (I). **J–L.** *Chamelea gallina* [MPUM 12161 (ACG204)], right valve in internal view, visible light (J), 365nm (K) and 440nm (L). For all photos: ₁ = without treatment, ₂ = after 3 hours immersion in 50% diluted bleach, ₃ = after 24 hours immersion in 50% diluted bleach, ₄ = after 72 hours immersion in 50% diluted bleach.



Fig. S3. *Glycymeris nummaria* [MPUM 12162 (ACG261-1)], right valve in external view, visible light (A), 365nm (B) and 440nm (C). For all photos: ₁ = without treatment, ₂ = after 3 hours immersion in 50% diluted bleach, ₃ = after 24 hours immersion in 50% diluted bleach, ₄ = after 72 hours immersion in 50% diluted bleach.

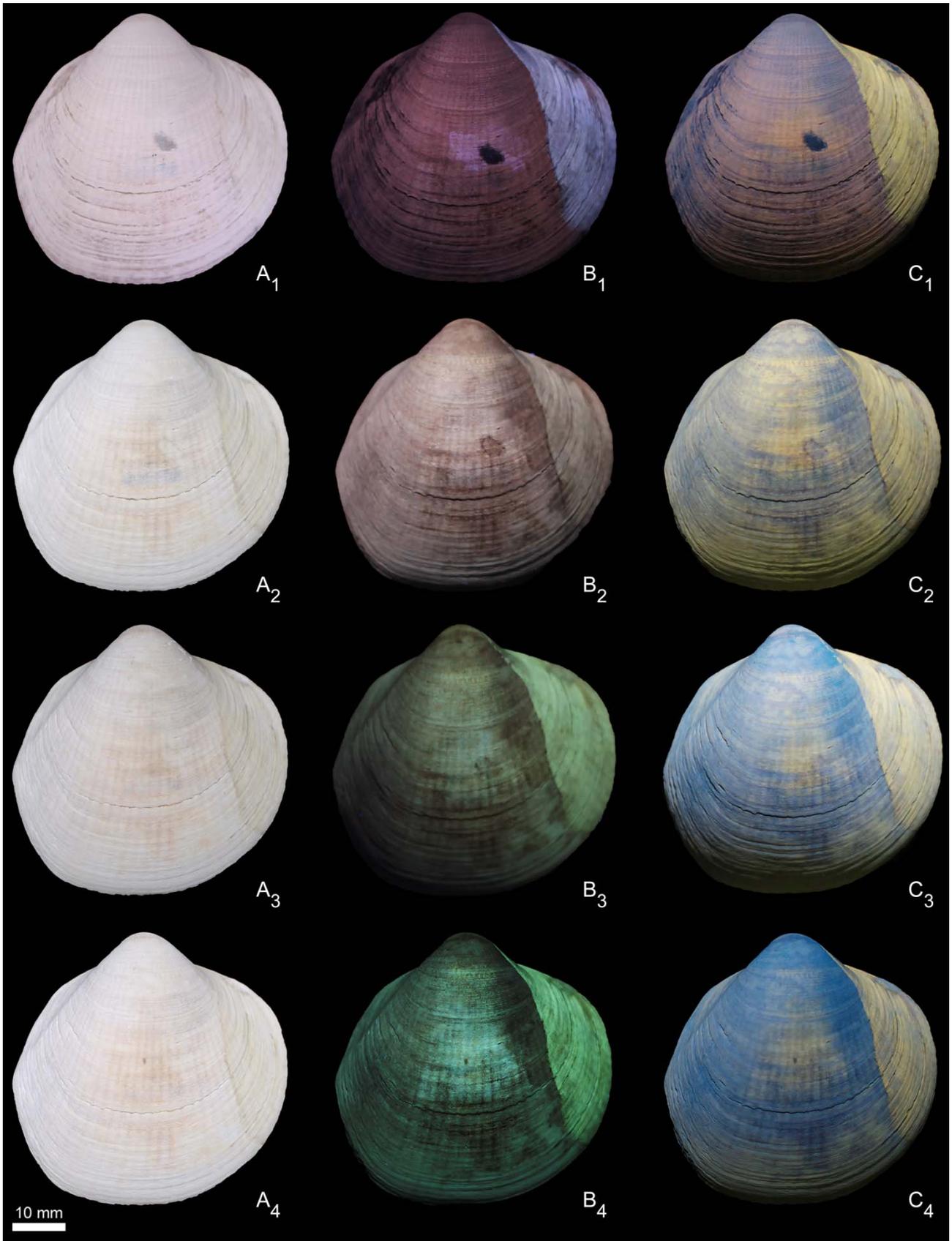


Fig. S4. *Glycymeris nummaria* [MPUM 12162 (ACG261-1)], right valve in internal view, visible light (A), 365nm (B) and 440nm (C). For all photos: ₁ = without treatment, ₂ = after 3 hours immersion in 50% diluted bleach, ₃ = after 24 hours immersion in 50% diluted bleach, ₄ = after 72 hours immersion in 50% diluted bleach.

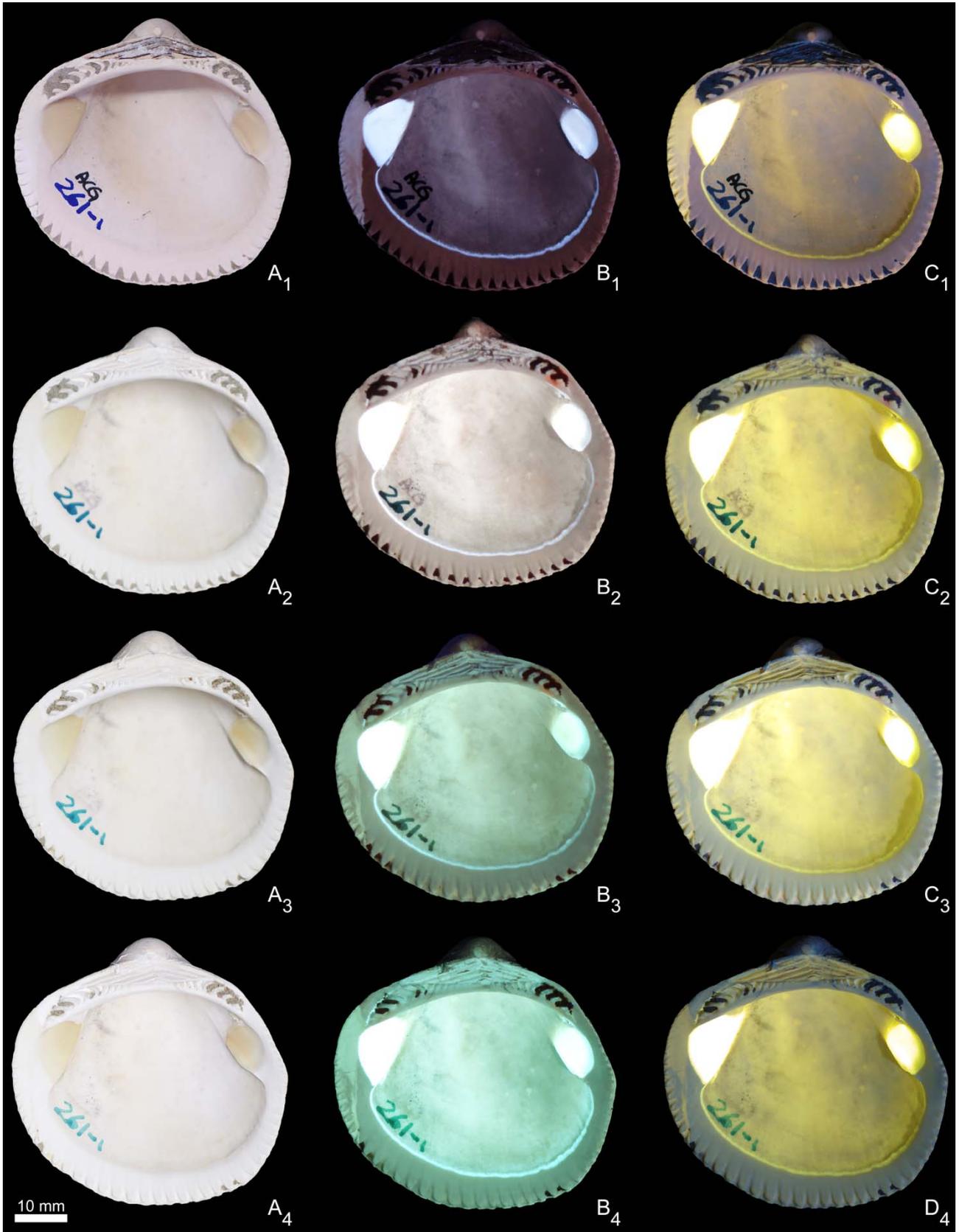


Fig. S5. **A–C.** *Glycymeris nummaria* [MPUM 12157 (ACG204-A)], left valve in external view, visible light (A), 365nm (B) and 440nm (C). **D–F.** *Glycymeris nummaria* [MPUM 12157 (ACG204-A)], left valve in internal view, visible light (D), 365nm (E) and 440nm (F). For all photos: ₁ = without treatment, ₂ = after 72 hours immersion in 50% diluted bleach.

