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### First direct evidence of reproductive behaviour of the white grouper, *Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1817)

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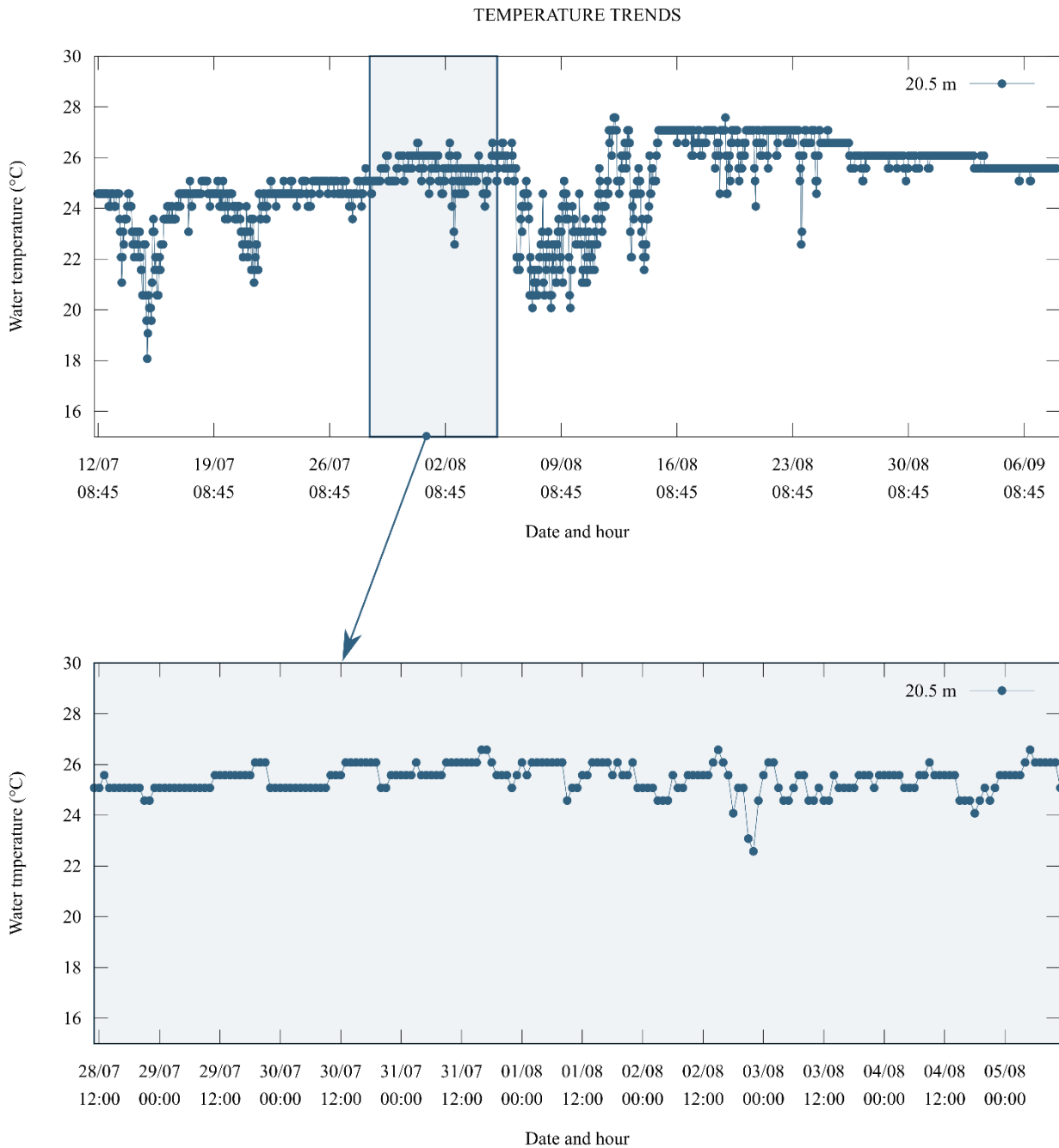
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## Supplementary Data

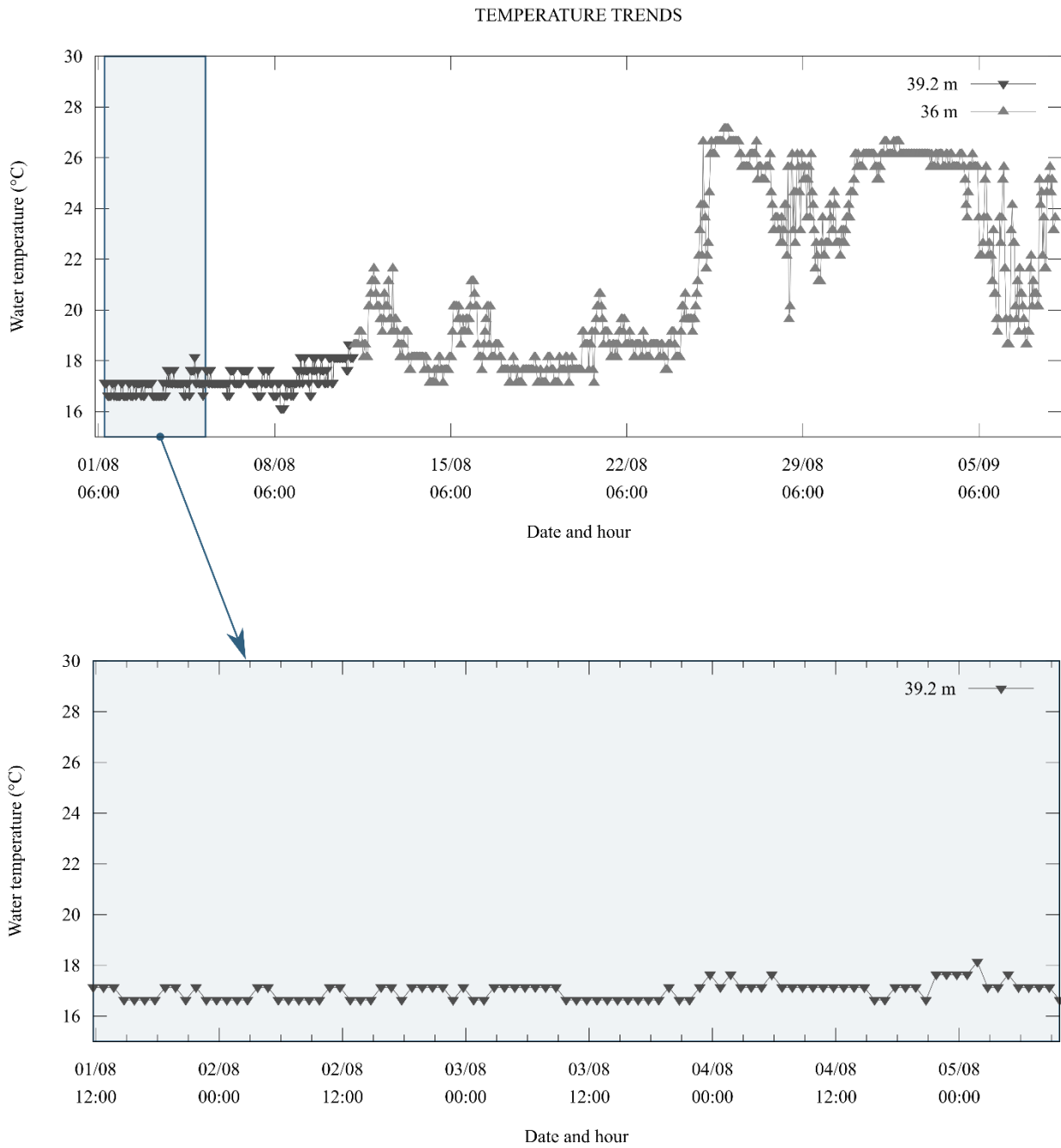
### First direct evidence of reproductive behaviour of the white grouper, *Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1817)

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**Fig. S1:** Hourly seawater temperatures recorded over the summer of 2018 (July 12 – September 8) at a shallow depth (20.5 m) at rocky bank Papa 1. The highlighted time frame corresponds to the period during which the spawning event and the male reproductive livery were observed.



**Fig. S2:** Hourly seawater temperatures recorded over the summer of 2018 (August 1 – September 8) at two depths (39.2 and 36 m) at rocky bank Papa 1. The highlighted time frame corresponds to the period during which the spawning event and the male reproductive livery were observed.

**Supplementary video 1.** Digital video recorded a few minutes after the spawning event was observed at Papa 2 rocky bank on August 4<sup>th</sup> 2018.

**Supplementary video 2.** Digital video taken at Papa 2 rocky bank on July 28<sup>th</sup> 2018, in the evening. A white grouper is characterized by the male reproductive colour pattern and it is not displaying any reproductive-related behaviour.