Online Supplementary Material

Caught in the Act: The First Record of Copulating Fossil Vertebrates

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Photographs of all Allaeochelys crassesculpta couples
Figure 1: Ventral view of HLMD Me 7593. The individuals have been fully removed from the surrounding matrix, but are held together in position by an epoxy girdle. The male is to the left. Scale bar equals 5 cm.

Figure 2: Dorsal view of HLMD Me 14919+20. The individuals have been fully removed from the surrounding matrix. The tails and plastra of both individuals are poorly preserved and their gender is therefore unclear. Scale bar equals 5 cm.
Figure 3: Ventral view of HLMD Me 14998+99. The plastic mold that holds the specimens in place was created during preparation and reflects the true distance and orientation at which the turtles were found. The tails and plastras of both individuals are poorly preserved and their gender is therefore unclear. Scale bar equals 5 cm.

Figure 4a: Dorsal view of IRSNB me R10. The individuals have been fully removed from the surrounding matrix. The male is to the right. Scale bar equals 10cm. Photograph courtesy of Annelise Folie of IRSNB.
Figure 4b: Details of ventral view of IRSNB me R10. Note that the elongate tail of the male individual below wraps the carapace of the female individuals above. Photograph courtesy of Annelise Folie of IRSNB.

Figure 5: Ventral view of SMF ME 2034. The individuals rest on a thick phosphate layer. The male is to the right. Scale bar equals 5 cm.
Figure 6: Ventral view of SMF ME 2449. The individuals are embedded in plastic resin. The male is to the right. Scale bar equals 5 cm.

Figure 7: Ventral view of SMF ME 3566. The individuals are embedded in plastic resin. The male is to the left. Scale bar equals 5 cm.
Figure 8: Ventral view of SMNK Me 2348. The individuals are embedded in plastic resin. The ventral view is not available and the gender of the individuals is therefore unclear. Scale bar equals 5 cm.

Figure 9an.: Ventral view of WDC-CMG-69. The individuals have been fully removed from the surrounding matrix and are now suspended from nylon threads within a plastic box. The male is to the right. Scale bar equals 5 cm.