

# SANDIA REPORT

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## FuncQEE Scans - Set 5

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## **Abstract**

A collection of x-ray computed tomography scans of specimens from the Museum of Southwestern Biology.

## **ACKNOWLEDGMENTS**

I would like to thank the generosity of our collaboration partners - without your willingness to take risks, to share knowledge and to passionately pursue STEM outreach this project would not have been possible.

- Noe de la Sancha  
Field Museum of Natural History  
FuncQEE, Principle Investigator
- Cody Thompson  
University of Michigan Museum of Zoology  
Mammal Division Collections Manager
- David Blackburn  
Florida Museum of Natural History  
Associate Curator of Herpetology
- Bryan McLean  
University of North Carolina-Greensboro  
Assistant Professor

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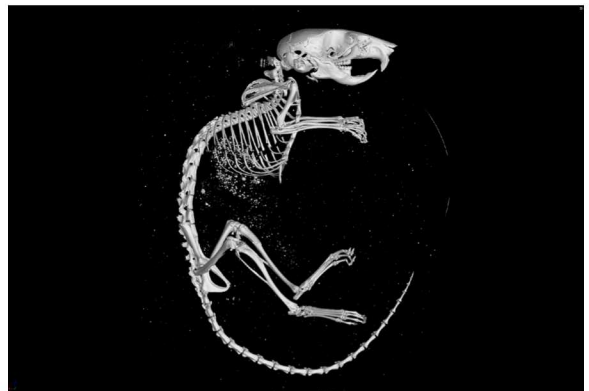
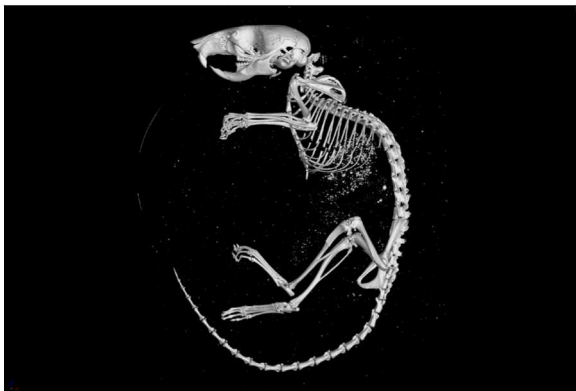
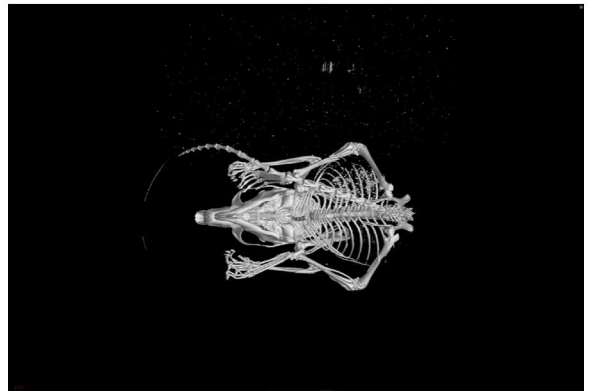
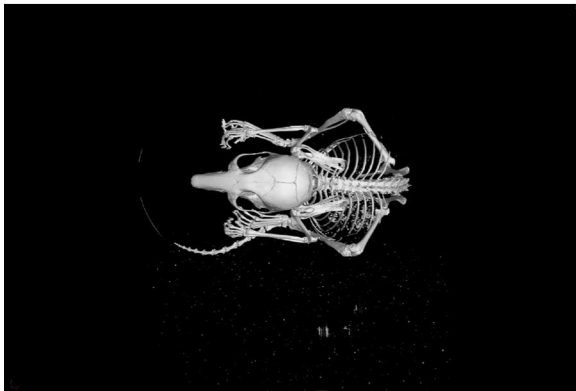
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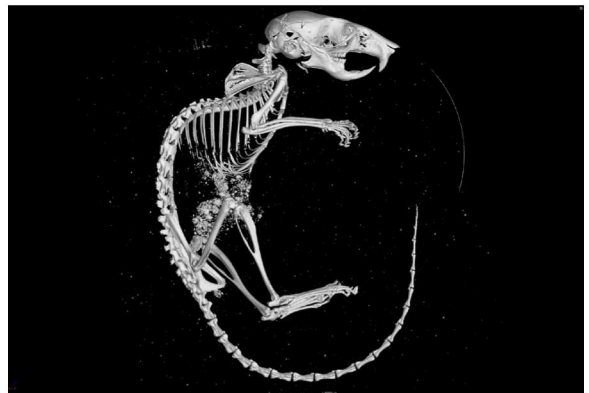
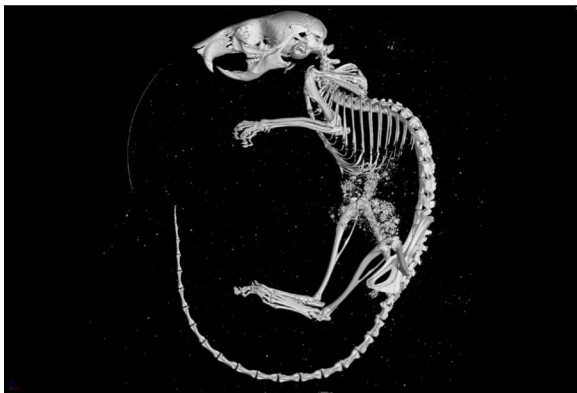
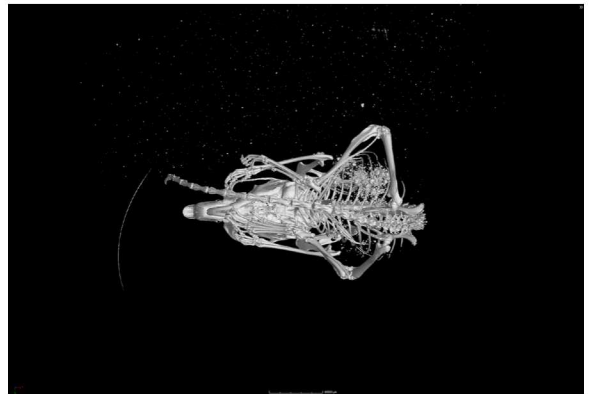
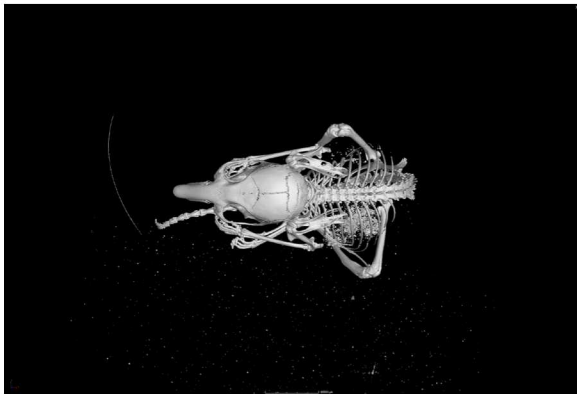
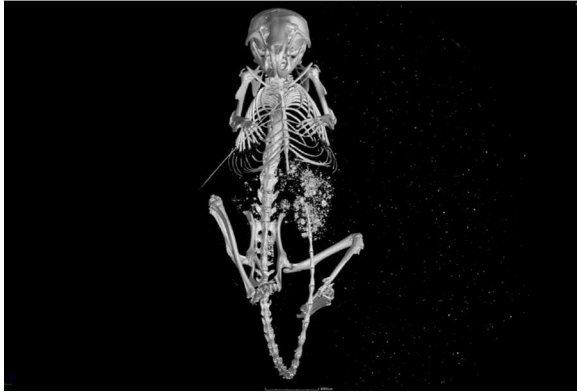
**MSB 76795: *Peromyscus maniculatus***

Body: 40  $\mu$ m resolution



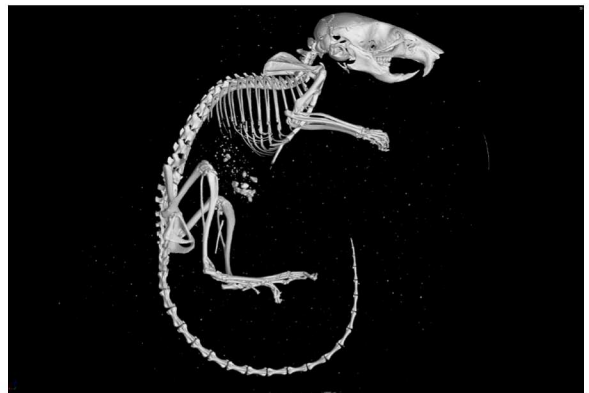
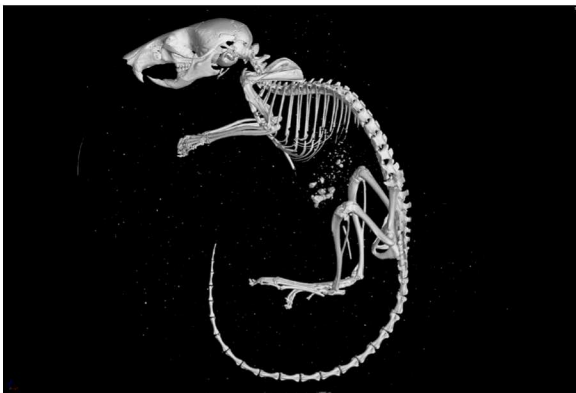
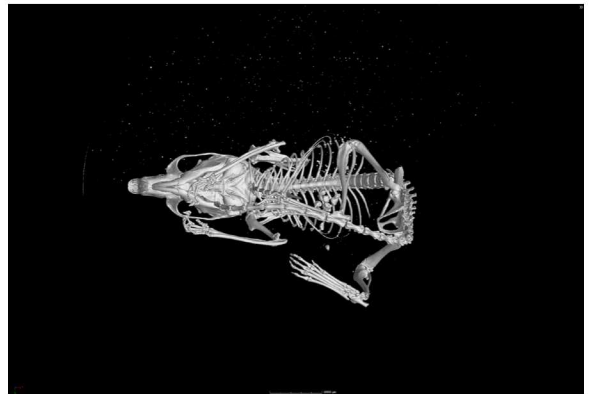
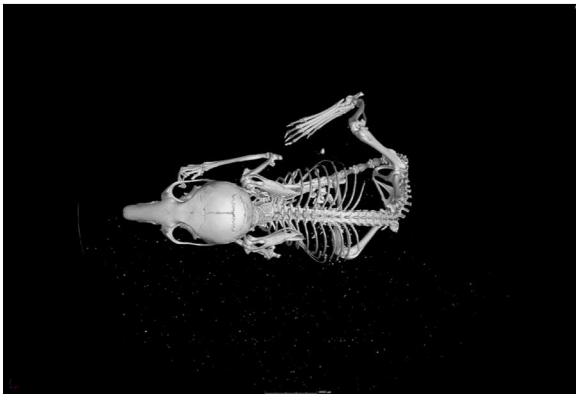
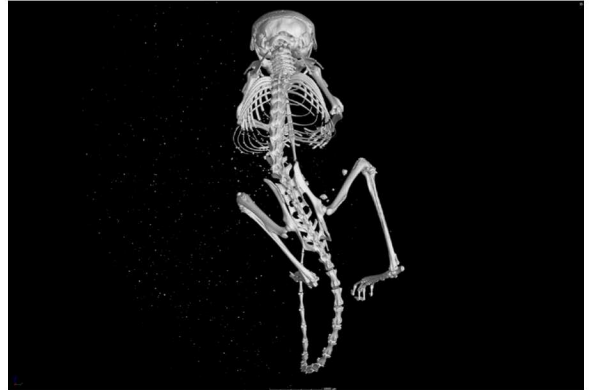
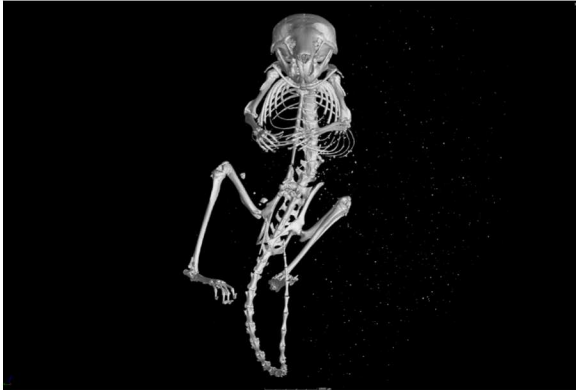
**MSB 76796: *Peromyscus maniculatus***

Body: 40  $\mu$ m resolution



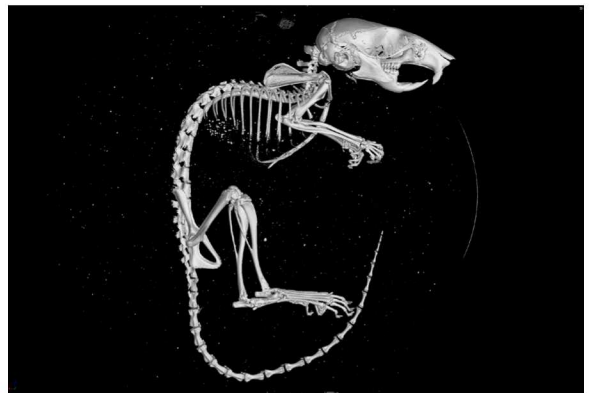
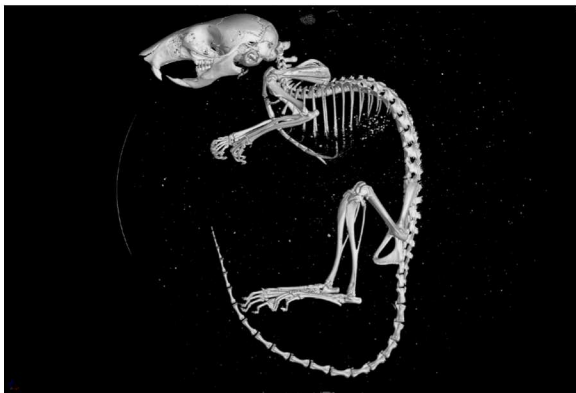
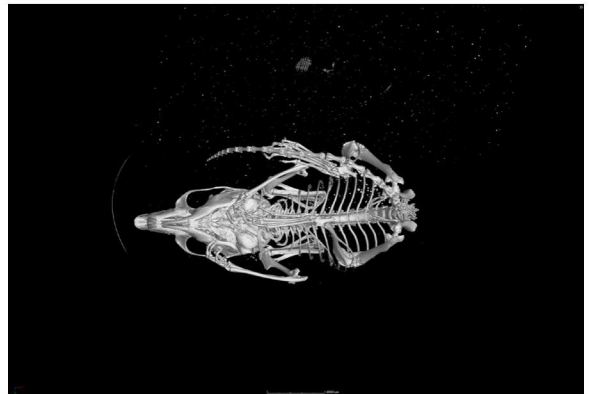
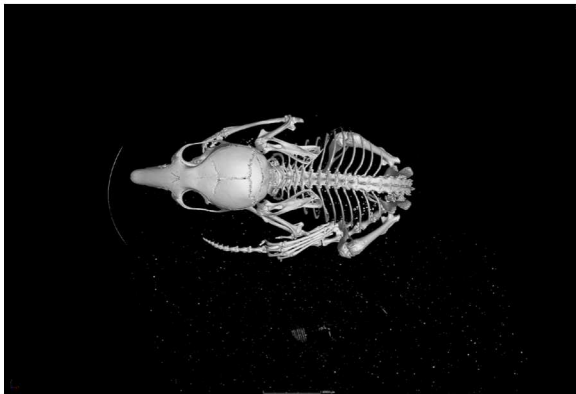
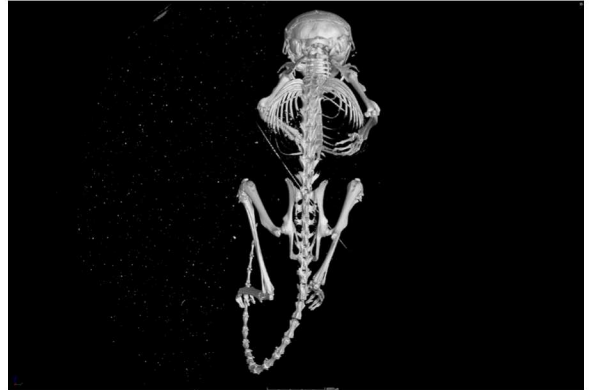
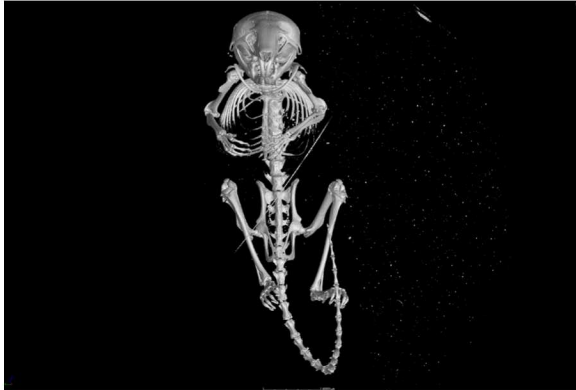
**MSB 76797: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



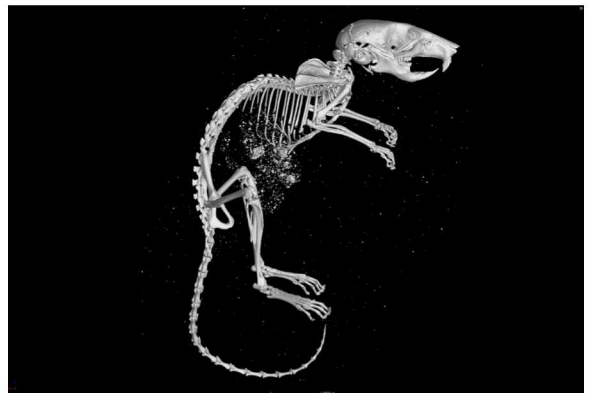
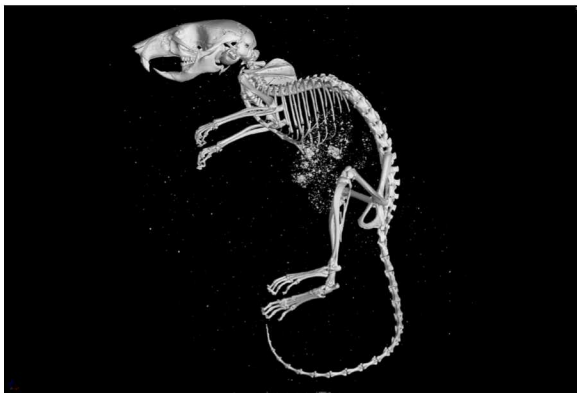
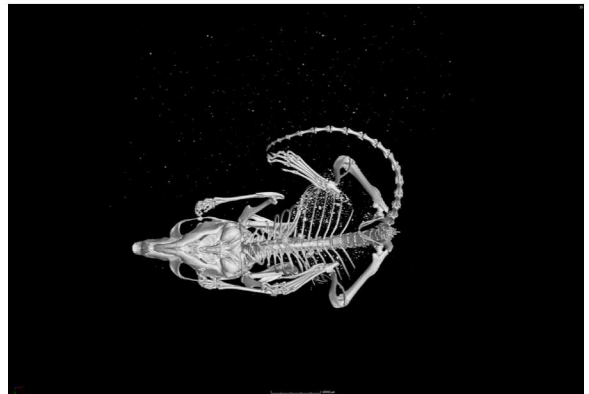
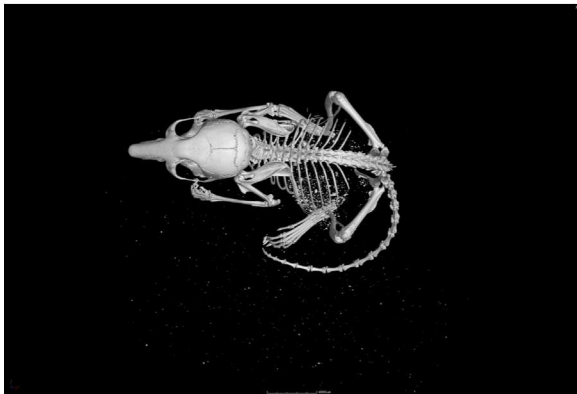
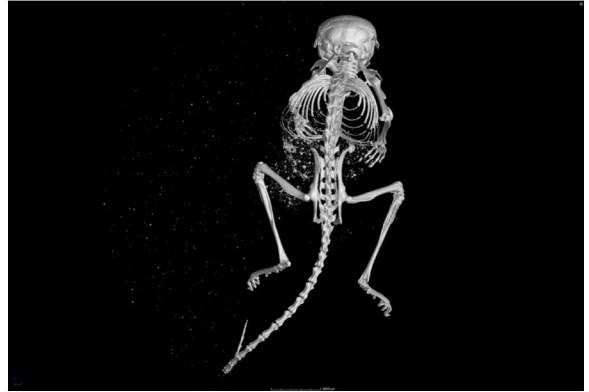
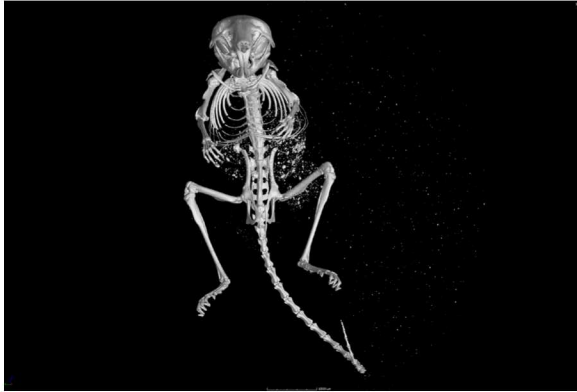
**MSB 76798: *Peromyscus maniculatus***

Body: 40  $\mu$ m resolution



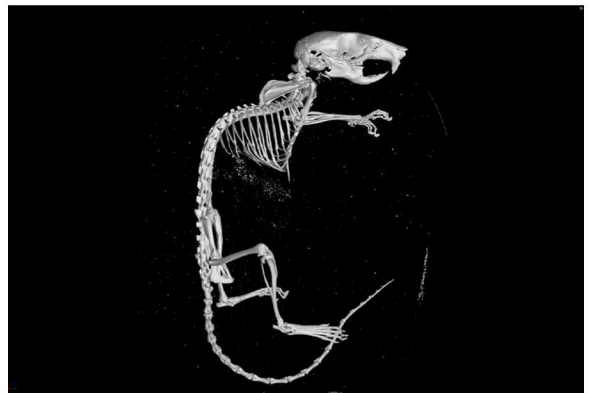
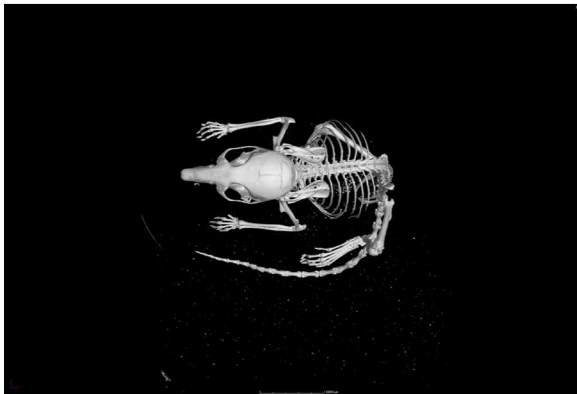
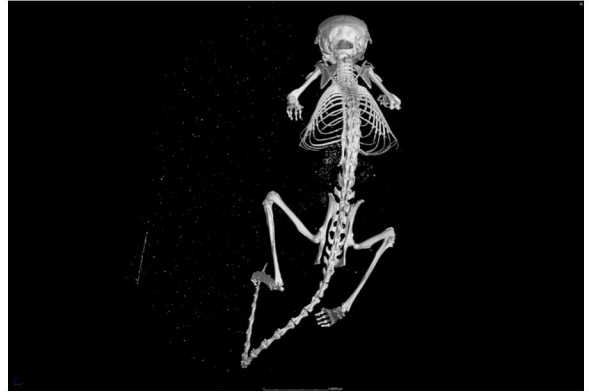
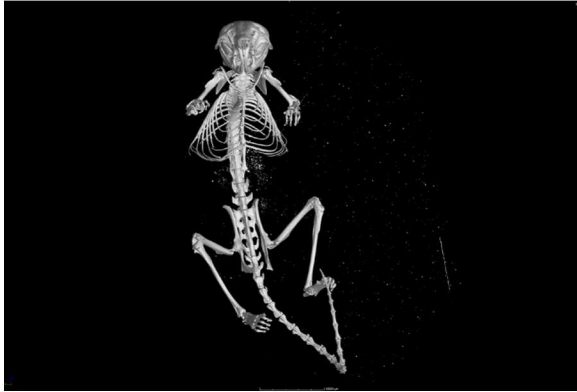
**MSB 76799: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



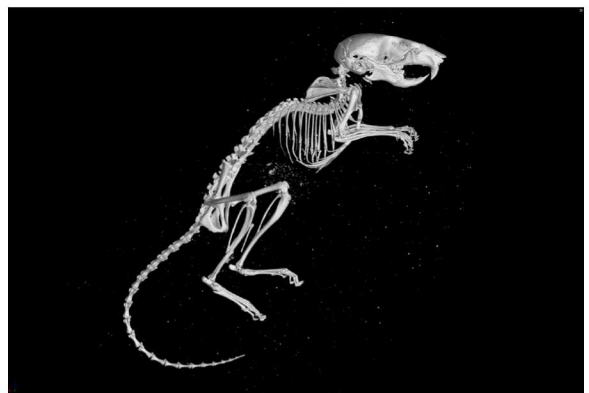
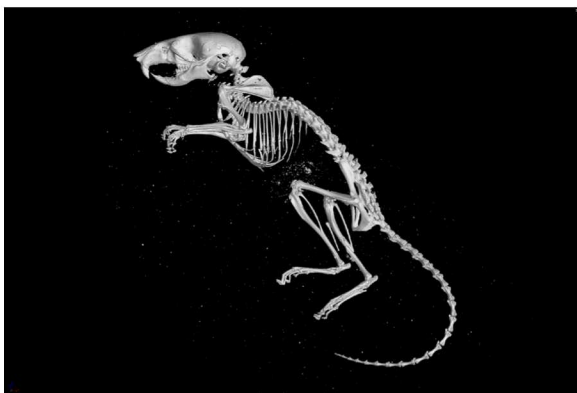
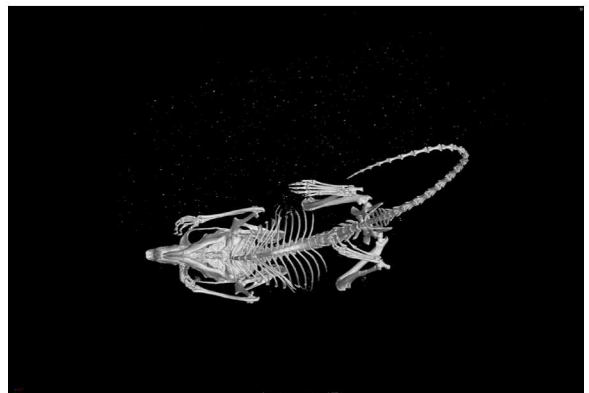
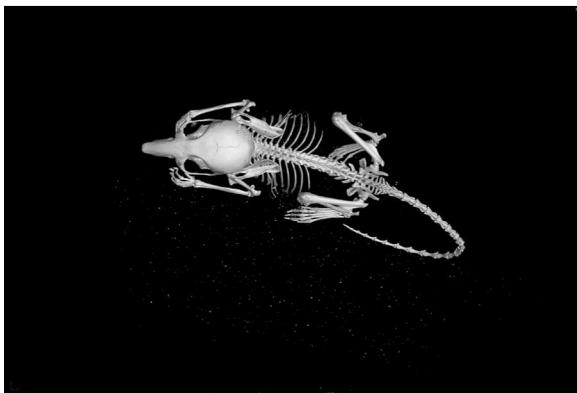
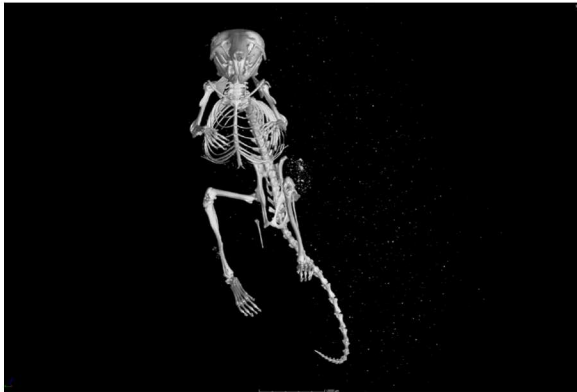
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Body: 50  $\mu$ m resolution



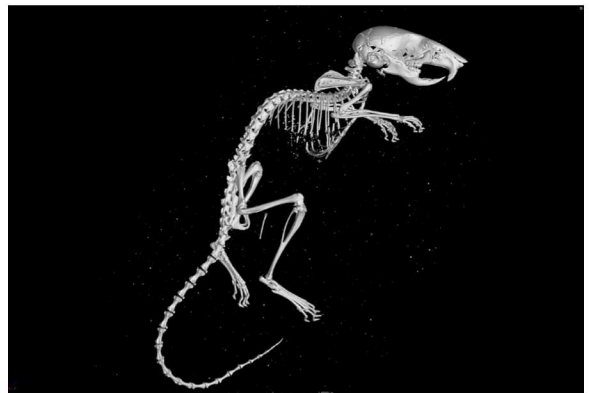
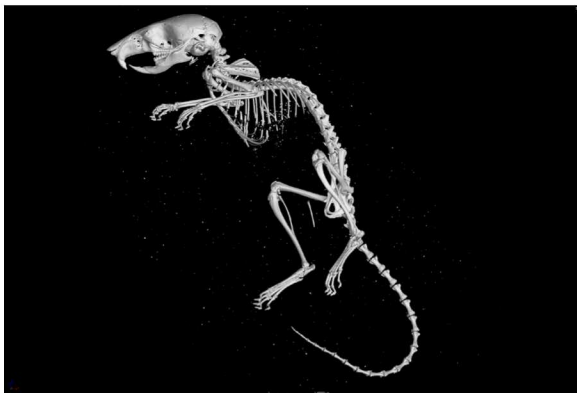
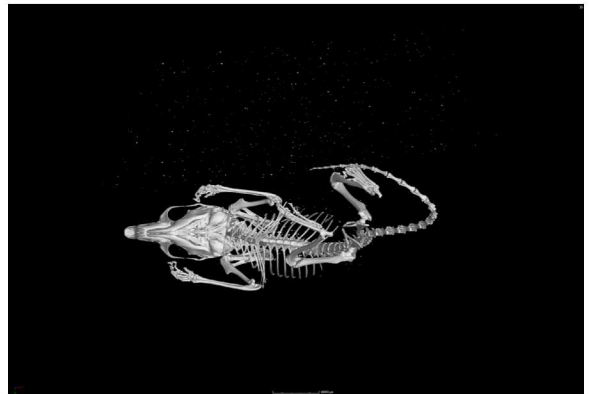
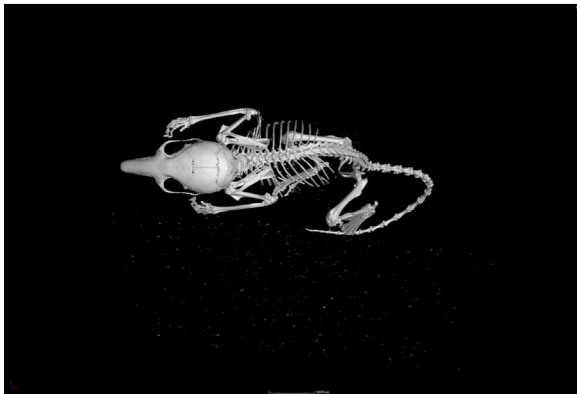
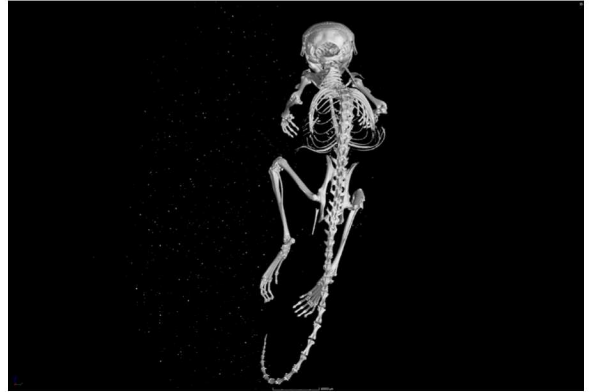
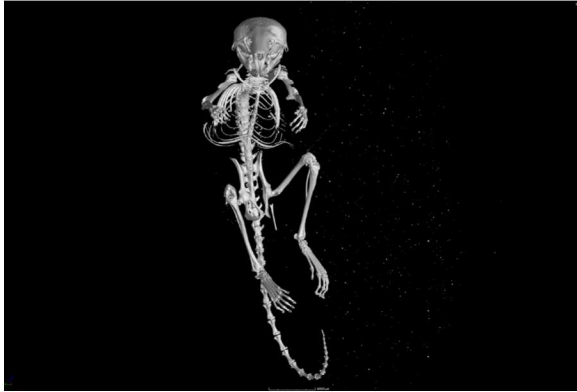
**MSB 76806: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



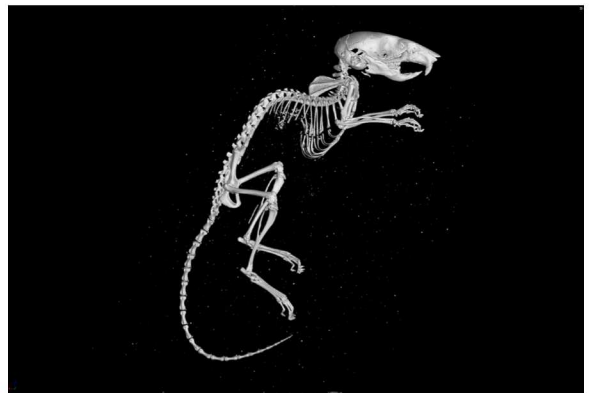
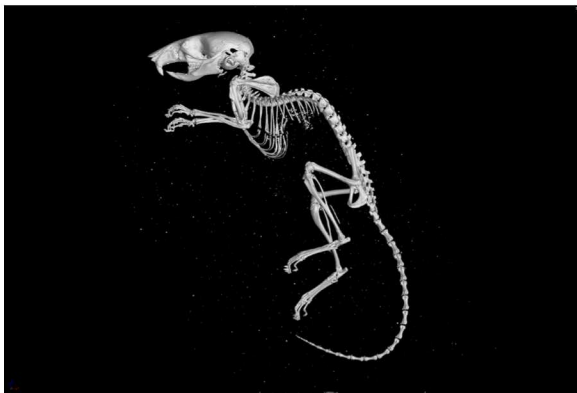
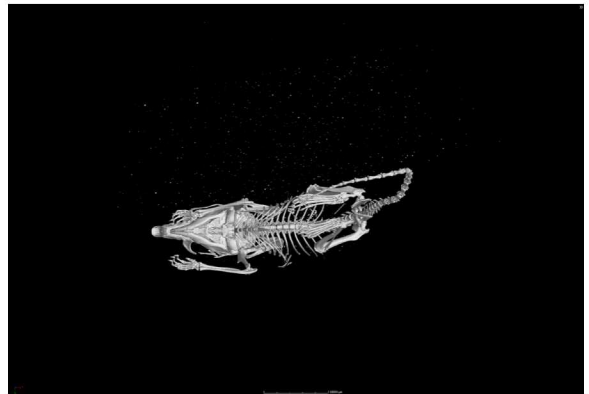
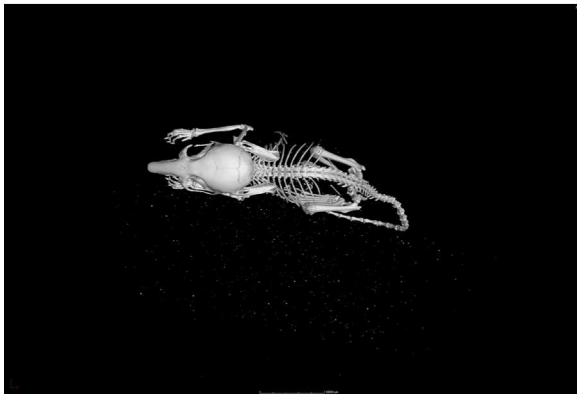
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Body: 50  $\mu$ m resolution



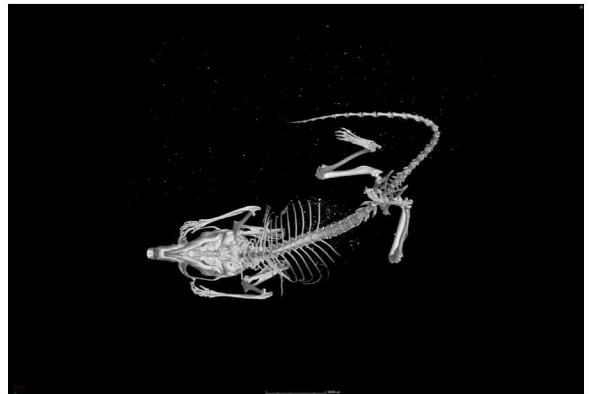
**MSB 76808: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



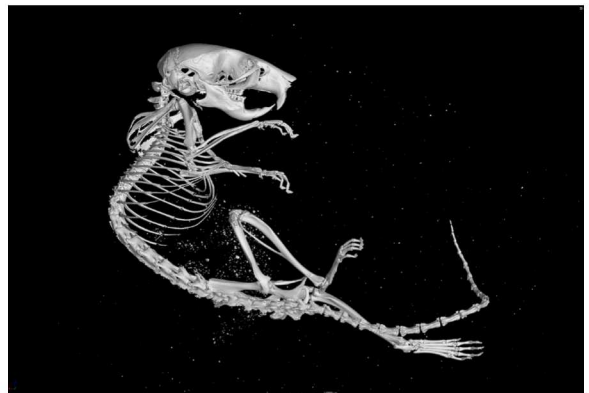
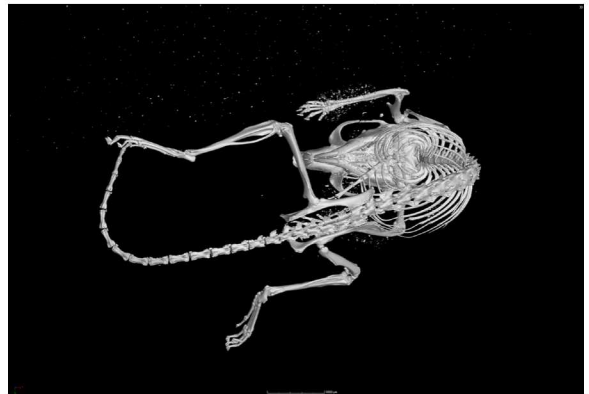
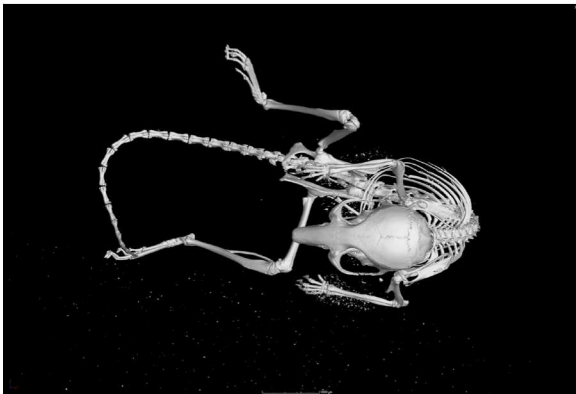
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Body: 60  $\mu$ m resolution



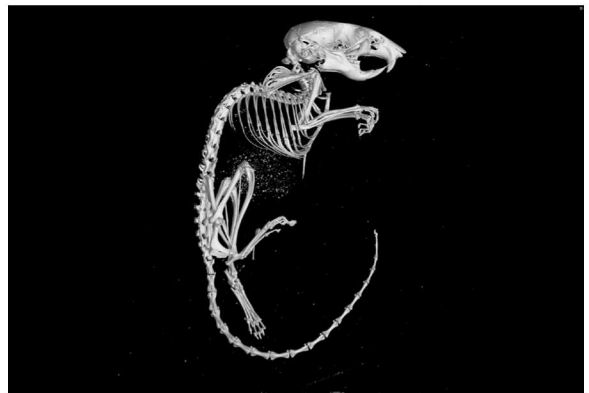
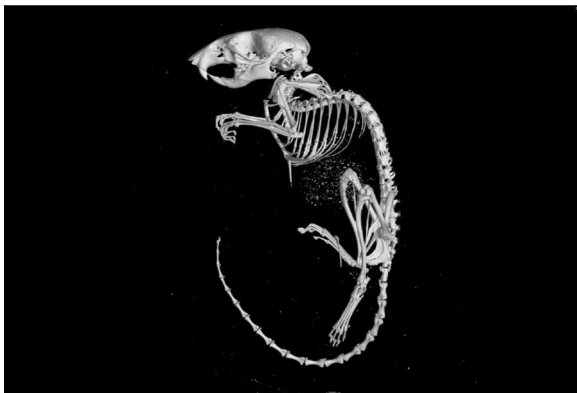
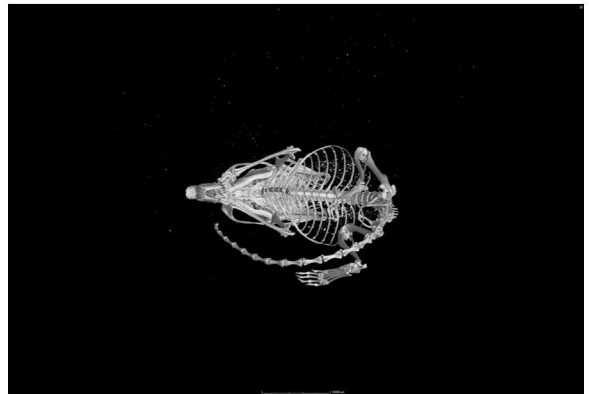
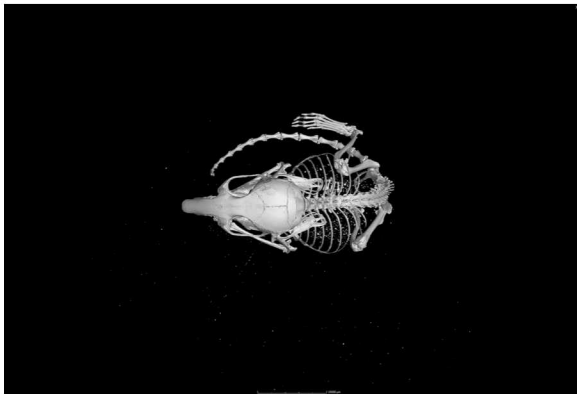
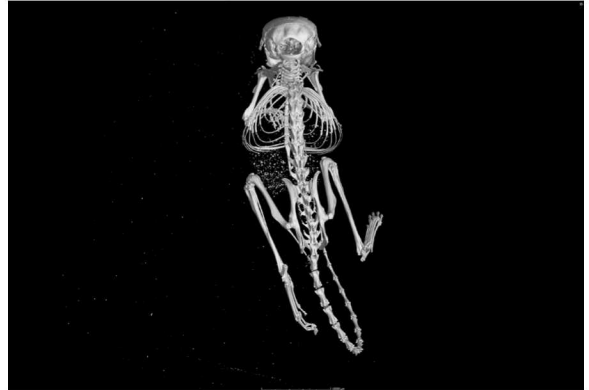
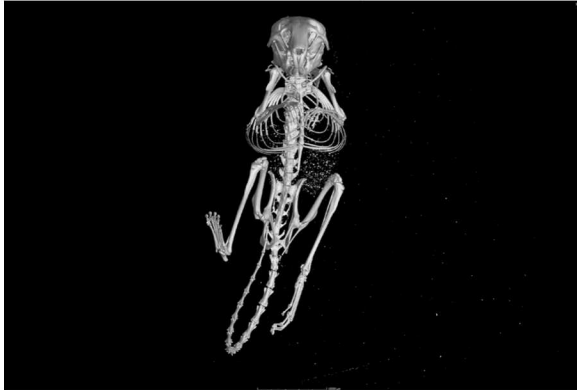
**MSB 81004: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



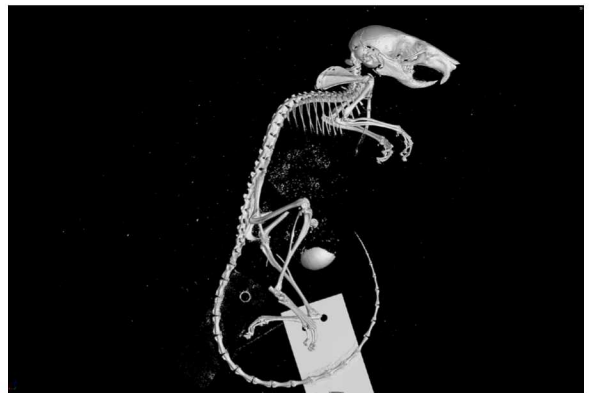
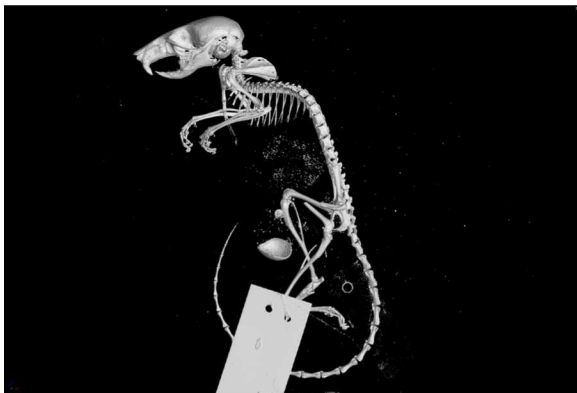
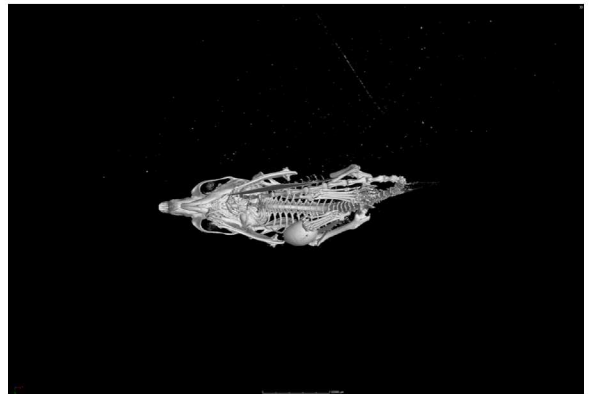
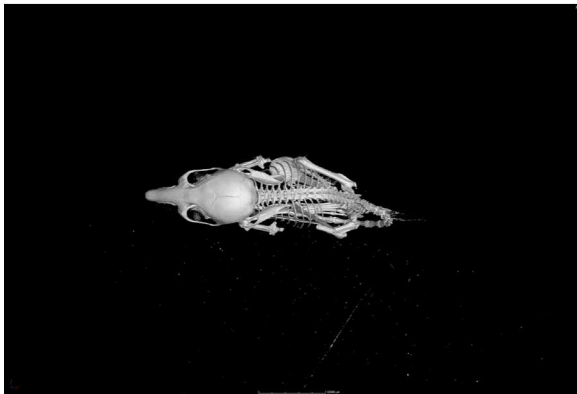
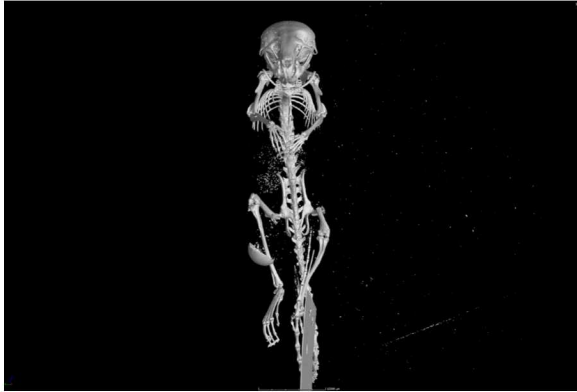
NK 159162: *Peromyscus maniculatus*

Body: 50  $\mu$ m resolution



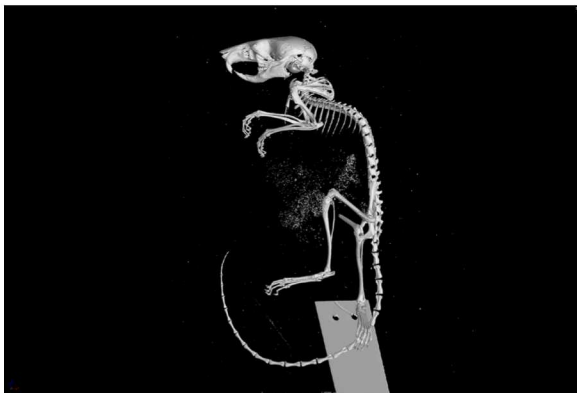
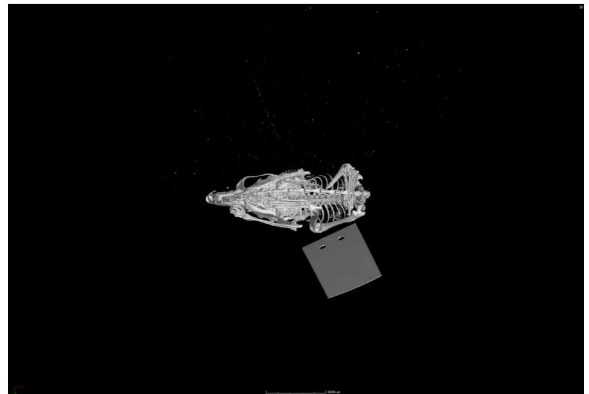
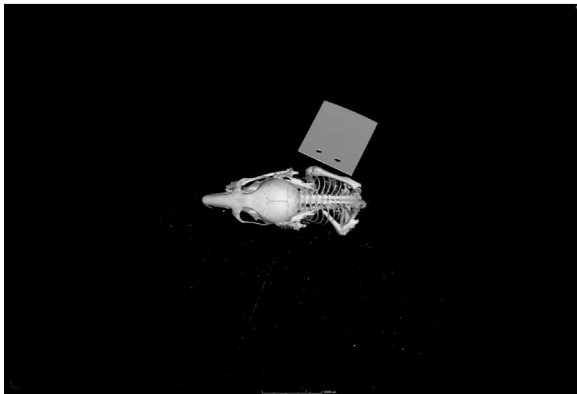
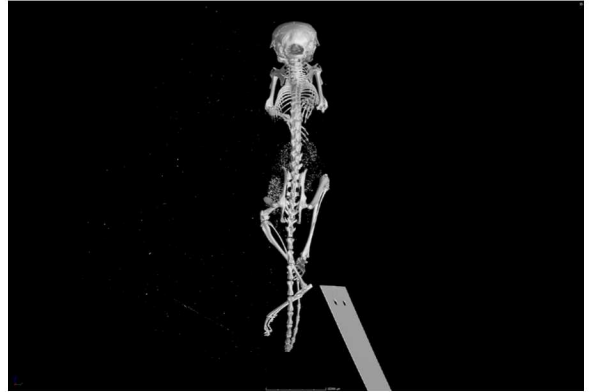
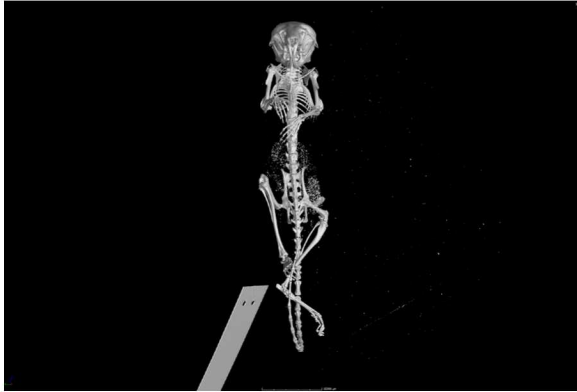
**MSB 229427: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



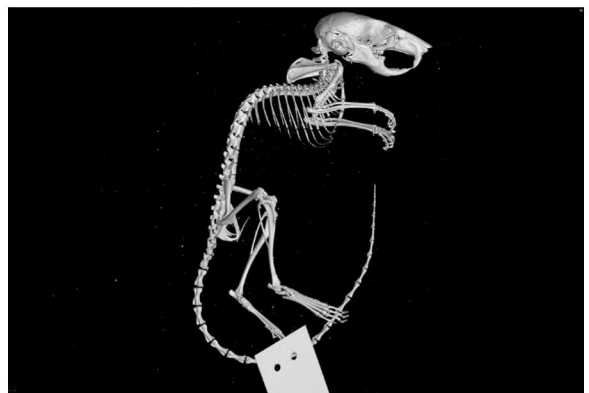
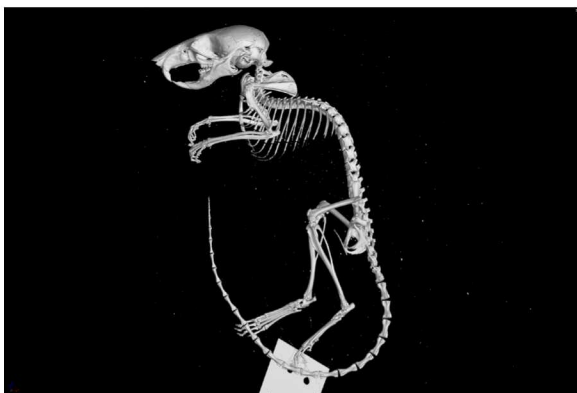
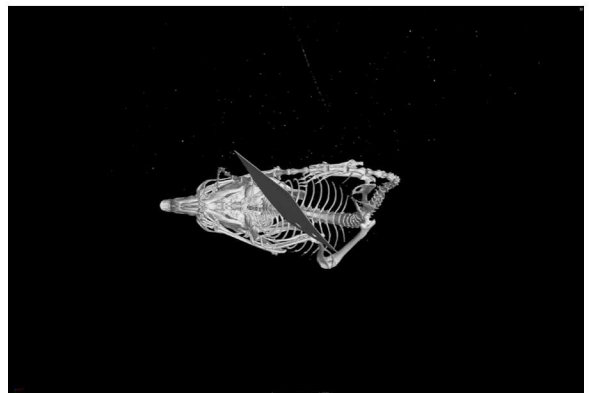
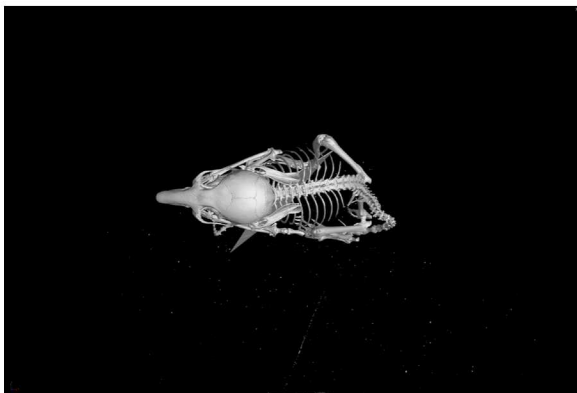
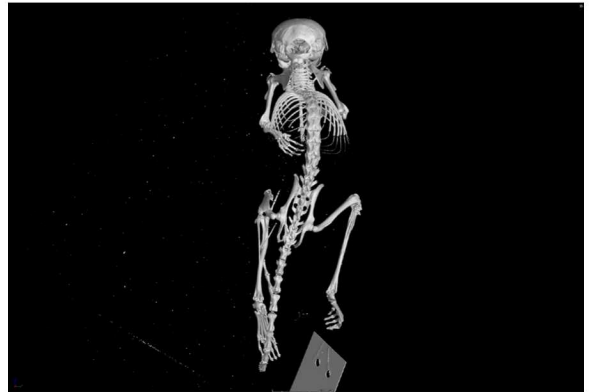
**MSB 229428: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



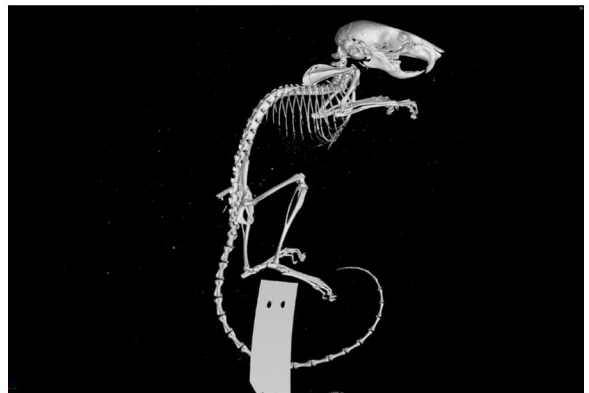
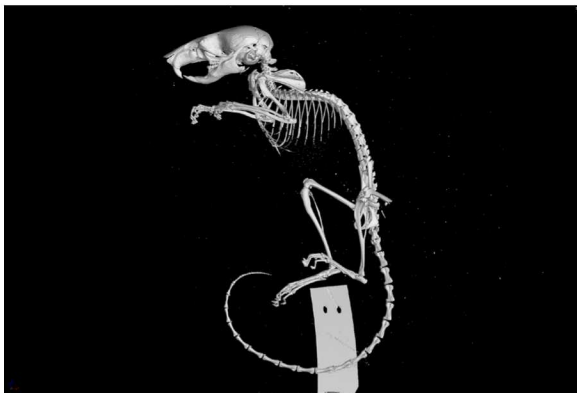
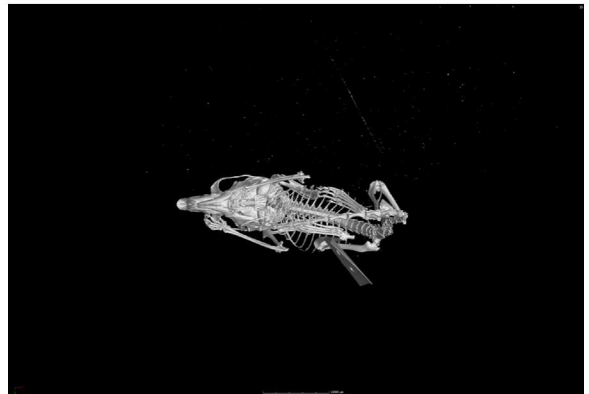
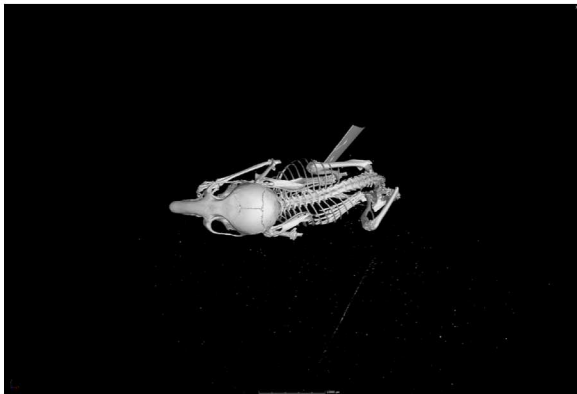
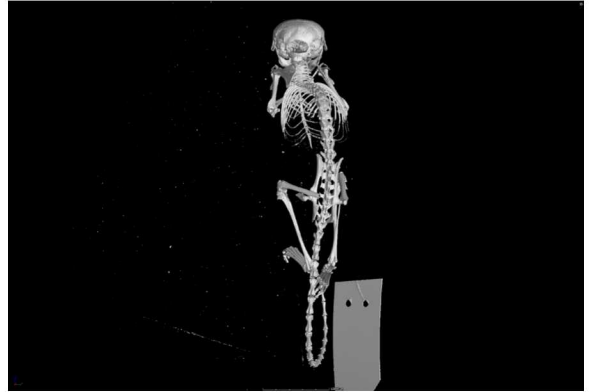
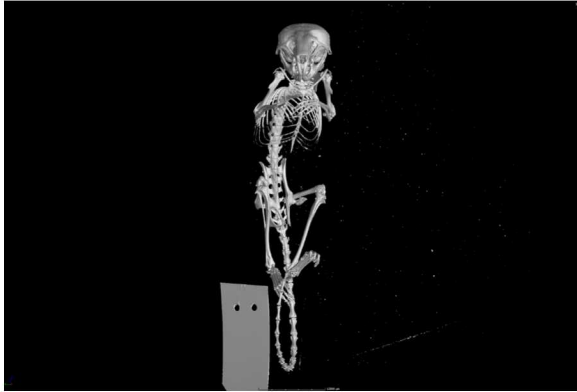
**MSB 229430: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



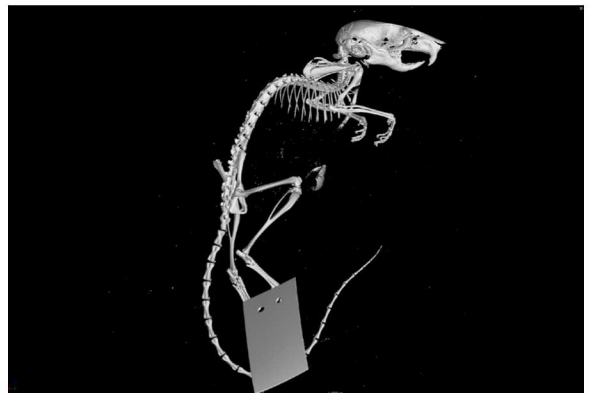
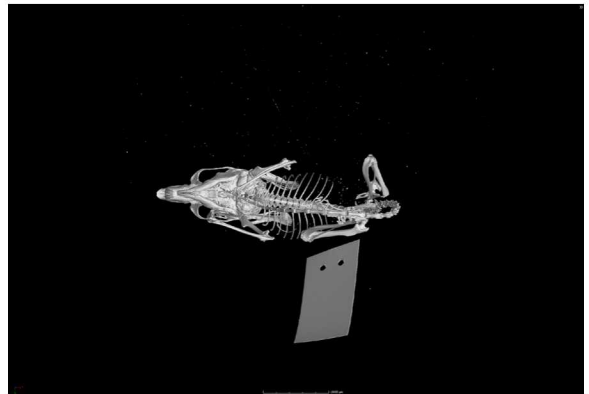
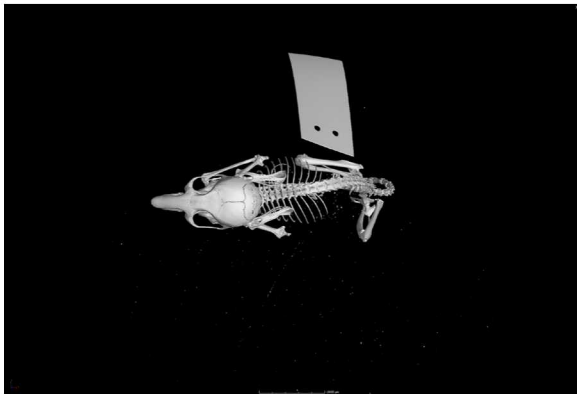
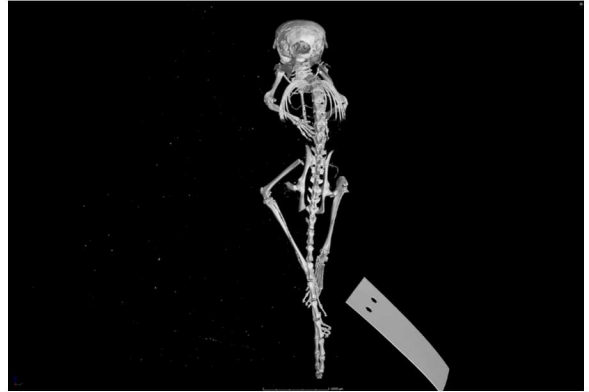
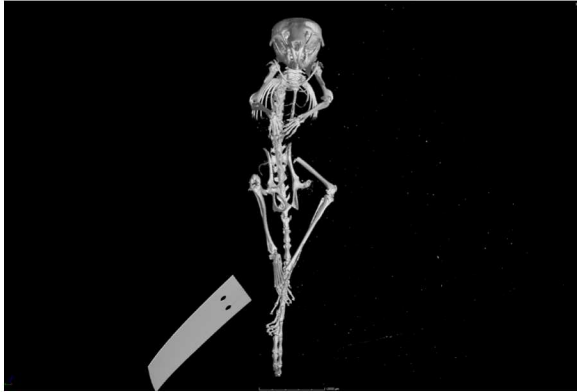
**MSB 229448: *Peromyscus maniculatus***

Body: 45  $\mu$ m resolution



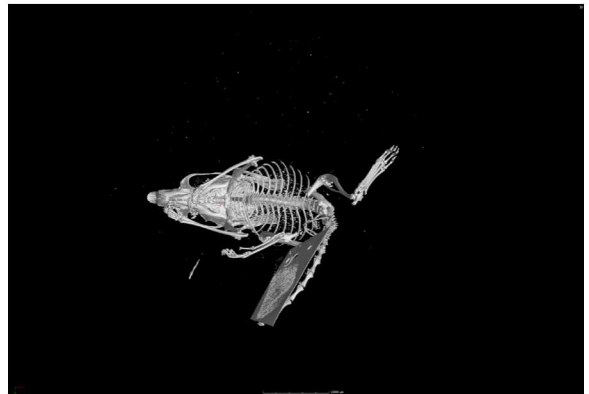
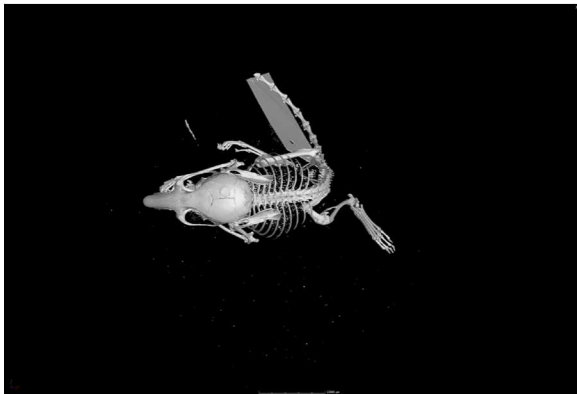
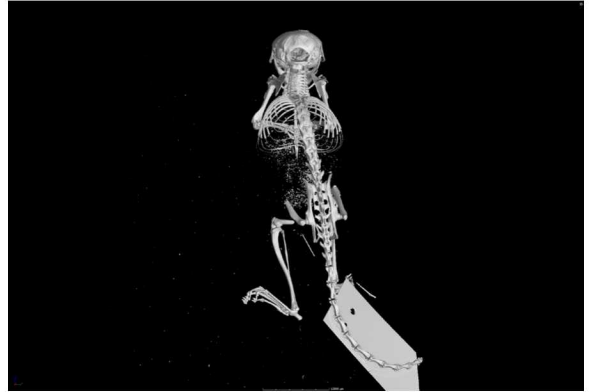
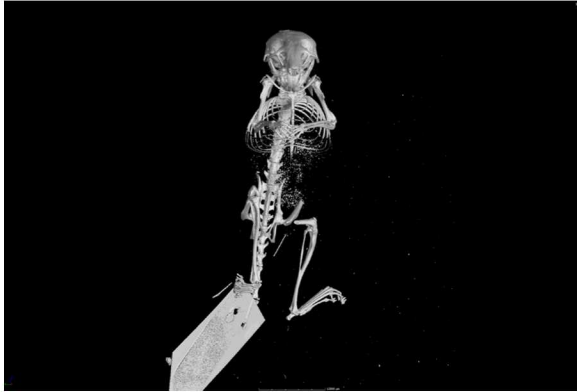
**MSB 229449: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



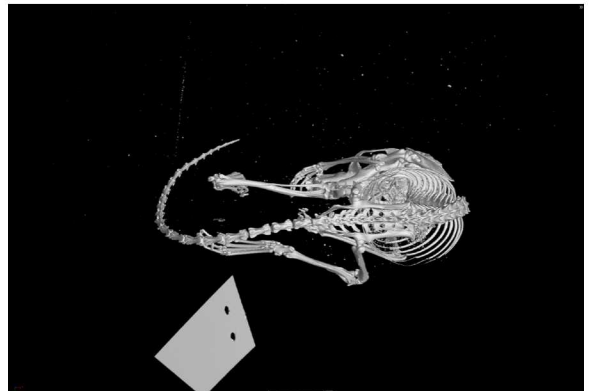
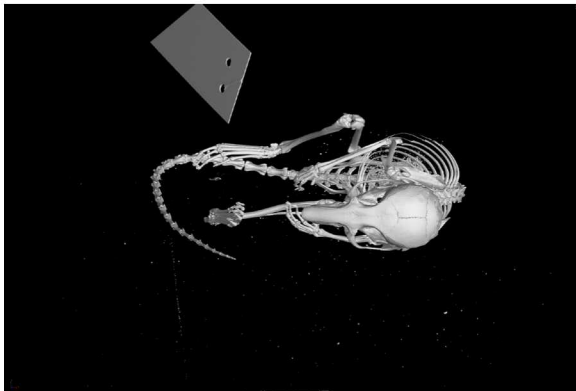
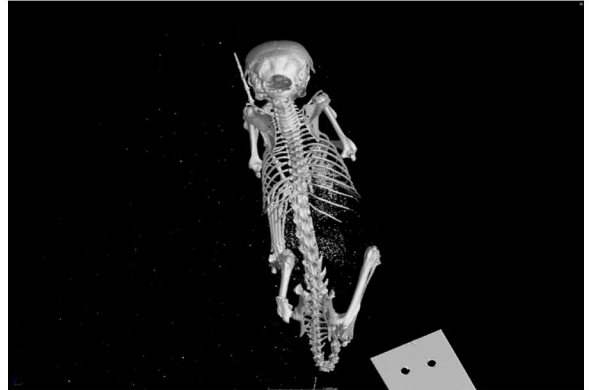
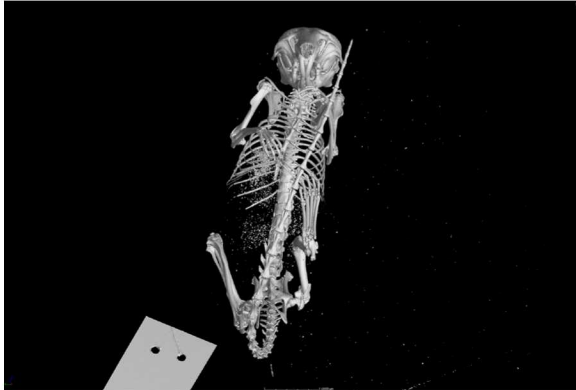
**MSB 229460: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



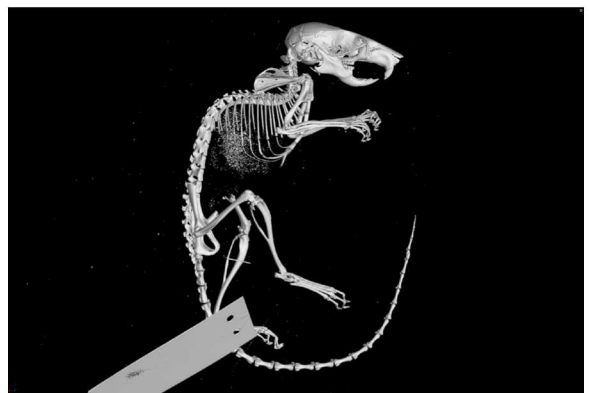
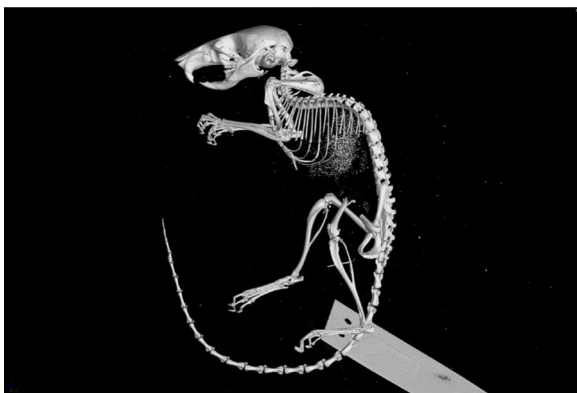
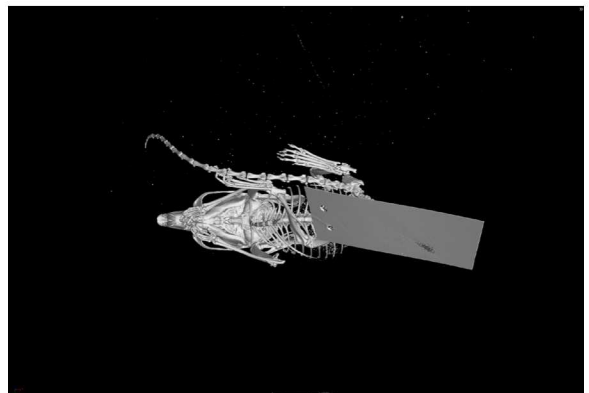
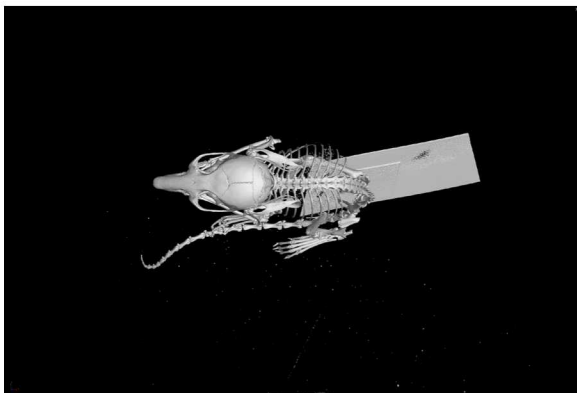
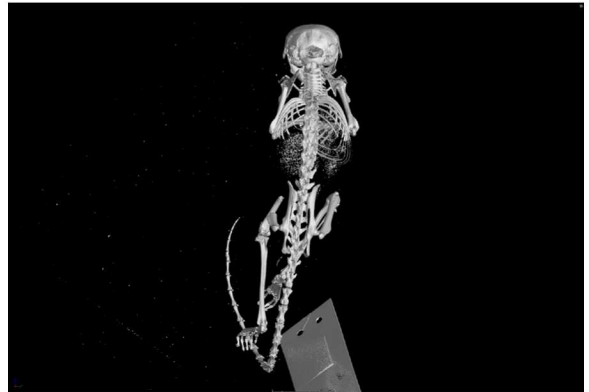
**MSB 229461: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



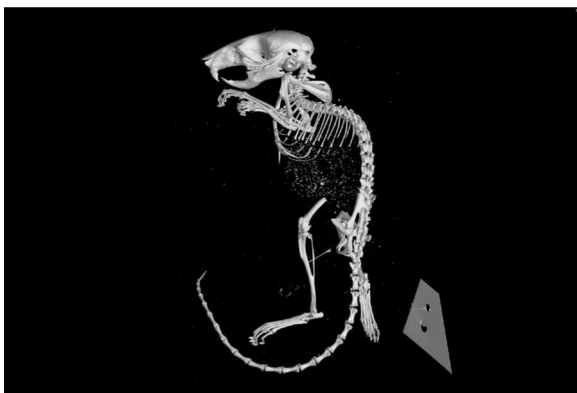
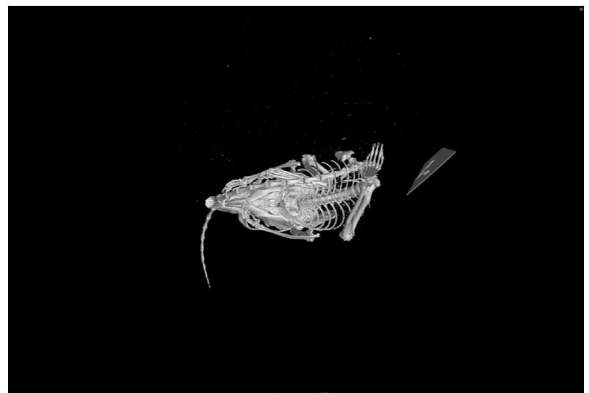
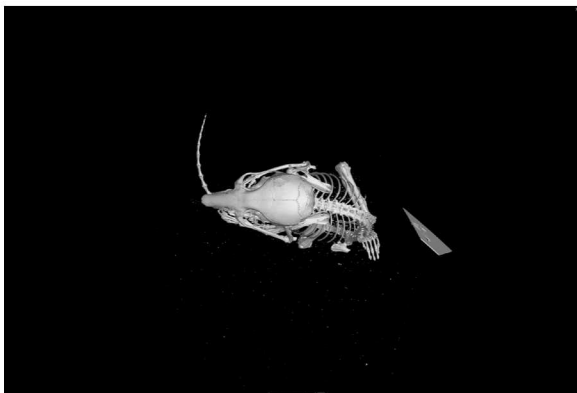
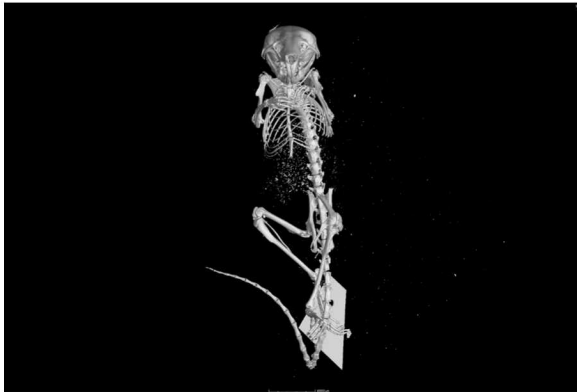
**MSB 229462: *Peromyscus maniculatus***

Missing recon, but files on 25: 50  $\mu$ m resolution



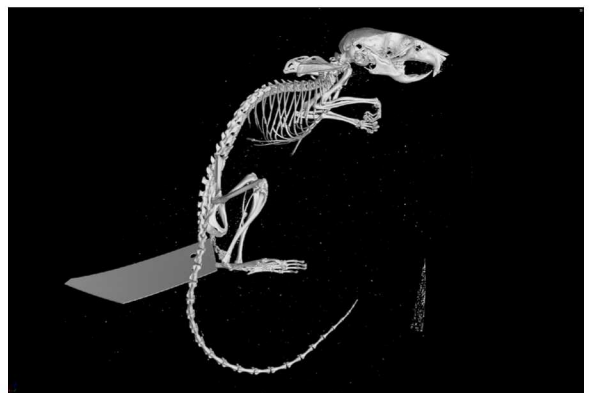
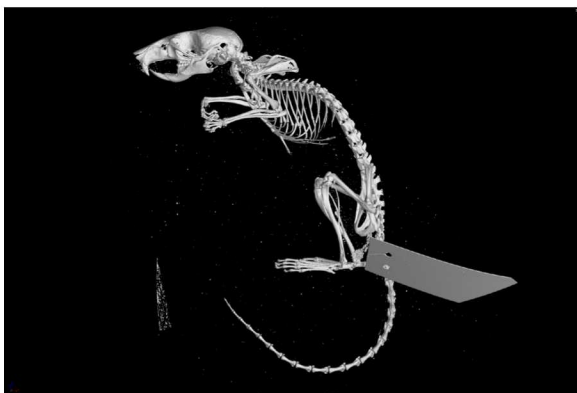
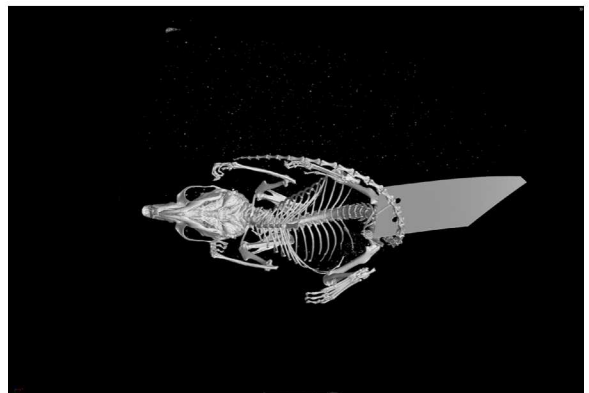
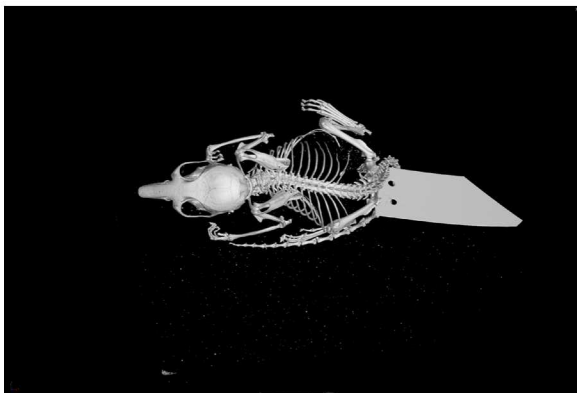
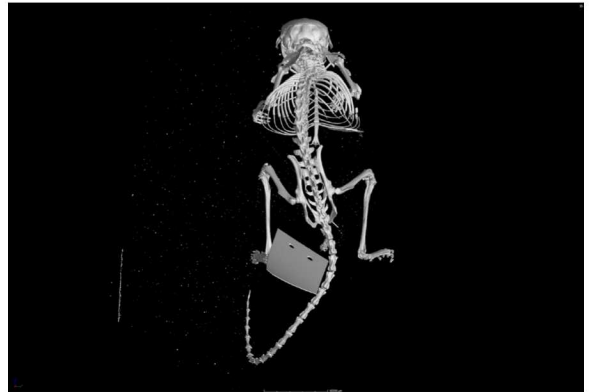
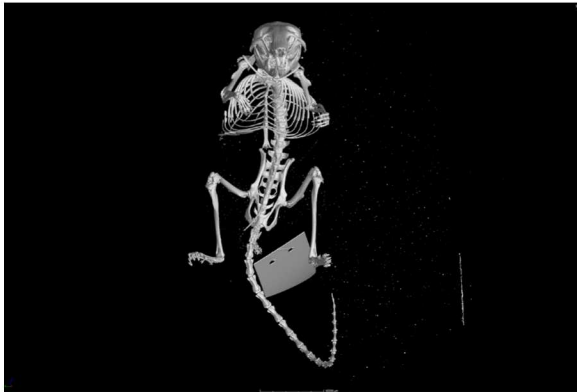
**MSB 229472: *Peromyscus maniculatus***

Body: 40  $\mu$ m resolution



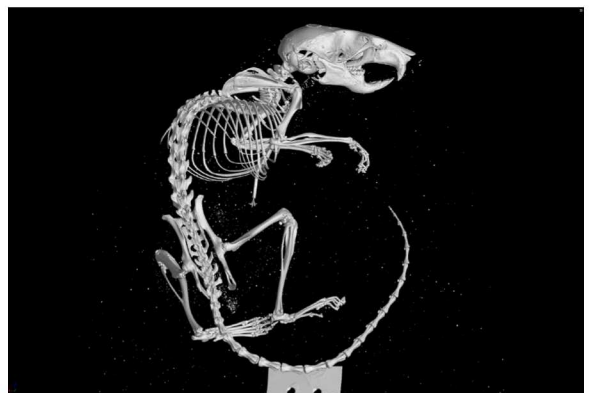
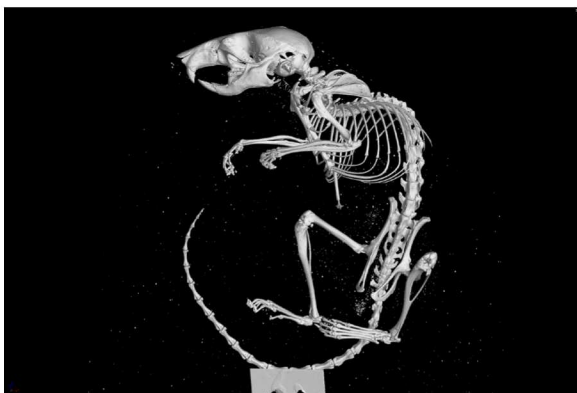
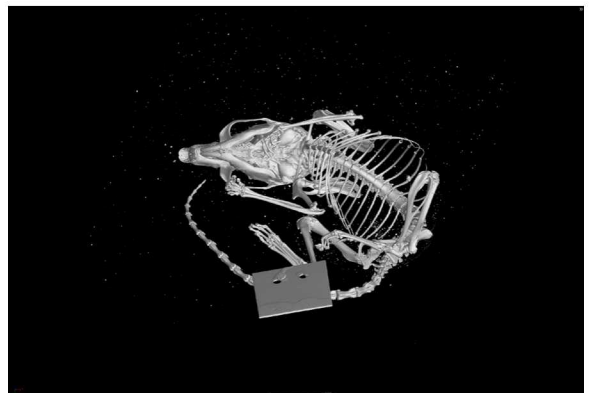
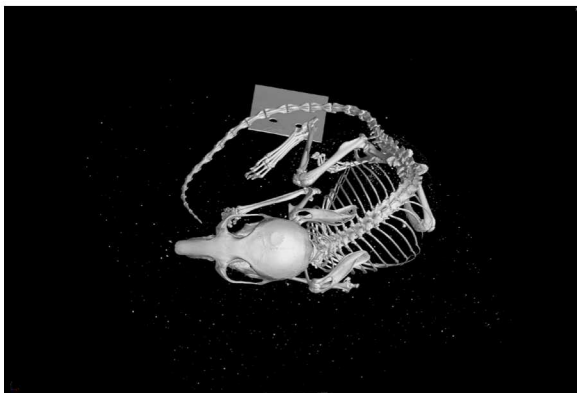
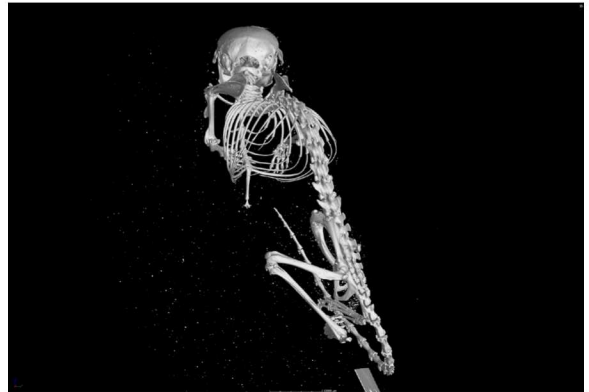
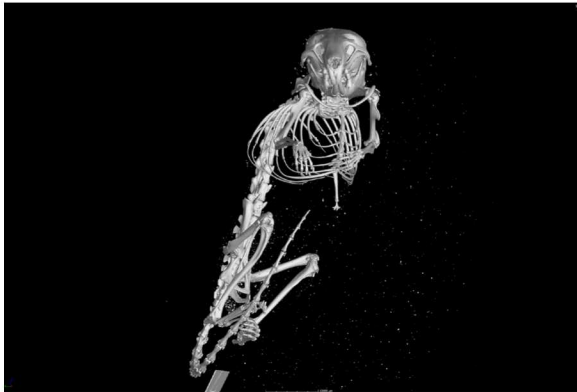
**MSB 240535: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



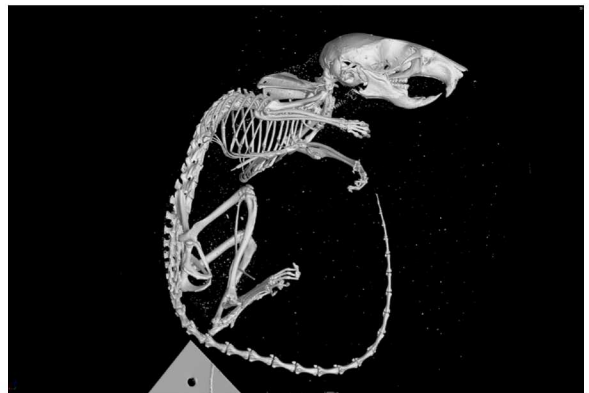
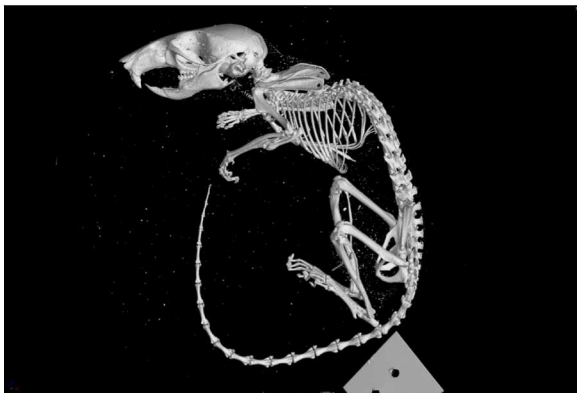
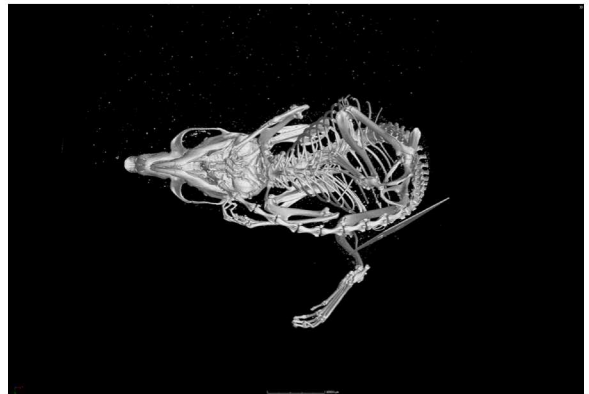
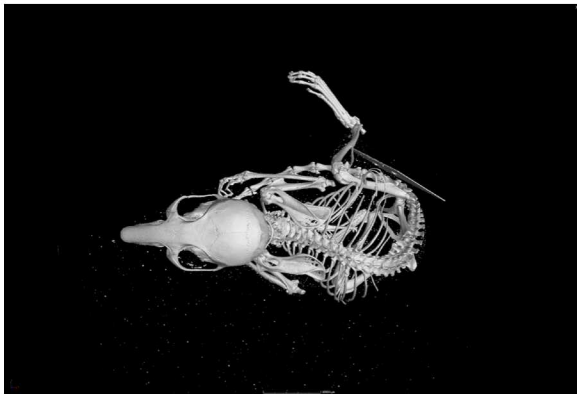
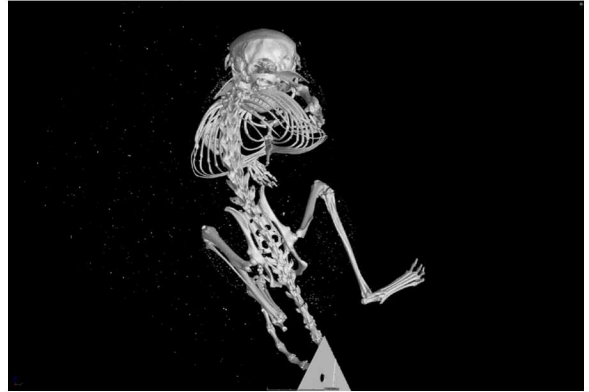
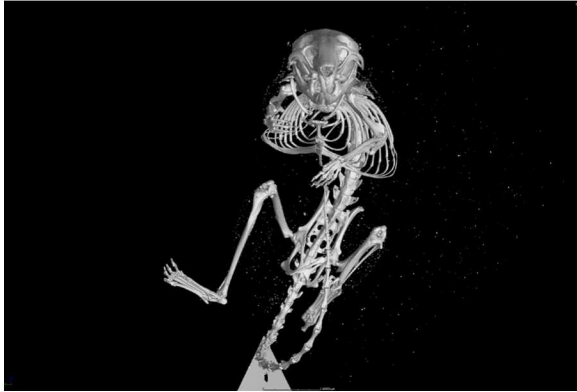
**MSB 240536: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



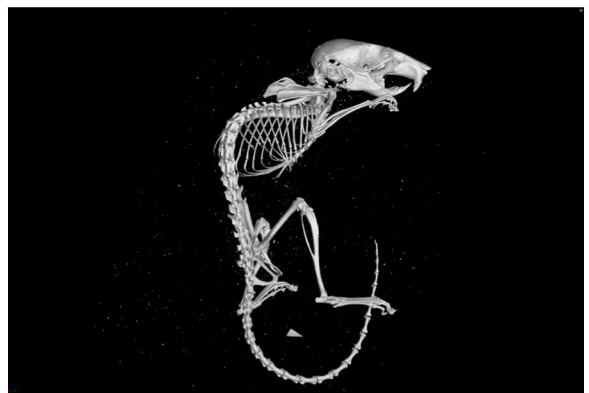
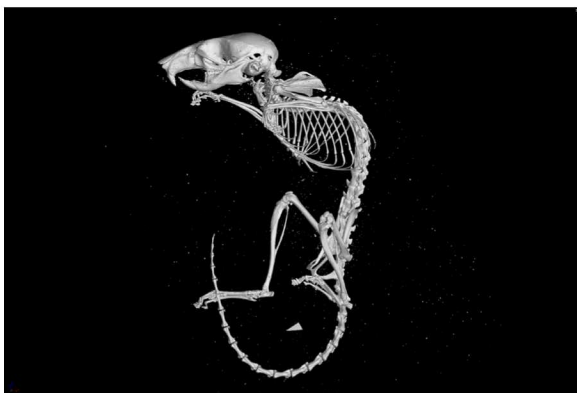
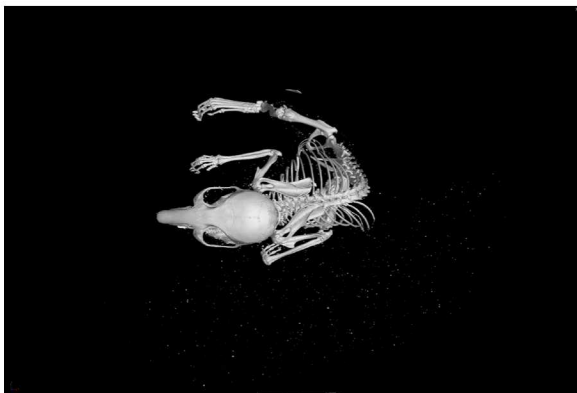
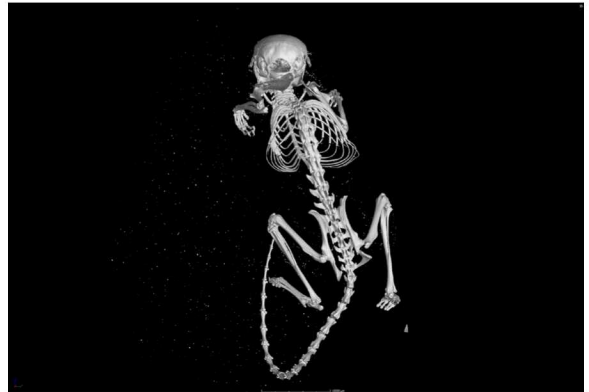
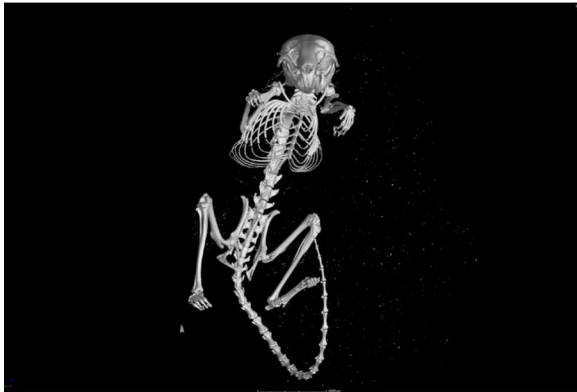
**MSB 240538: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



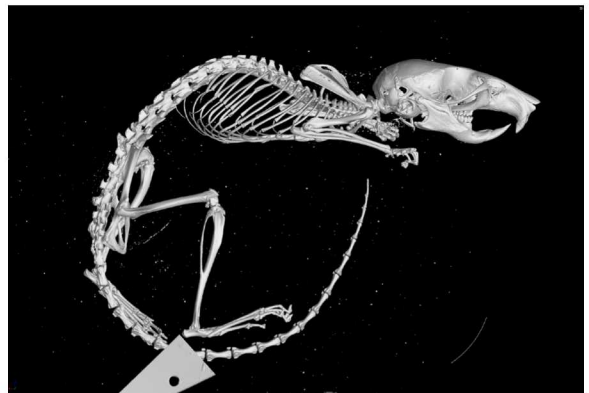
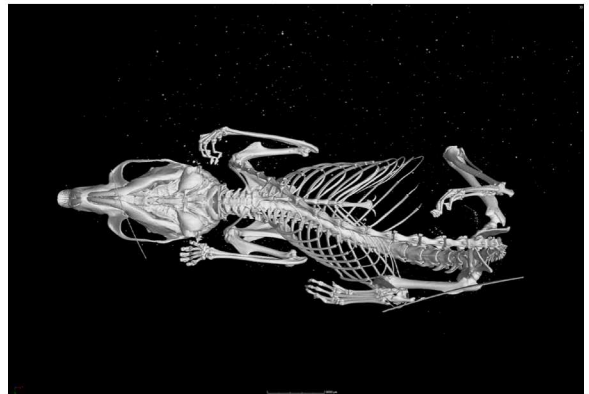
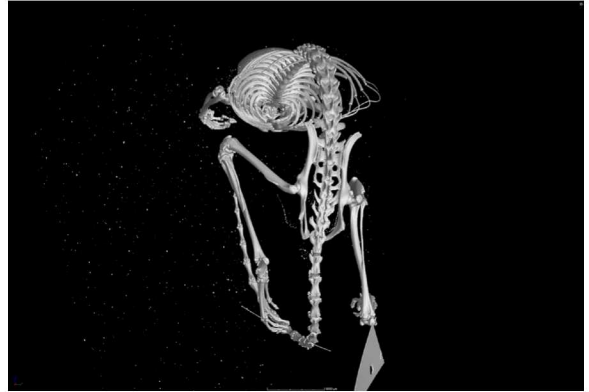
**MSB 240545: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



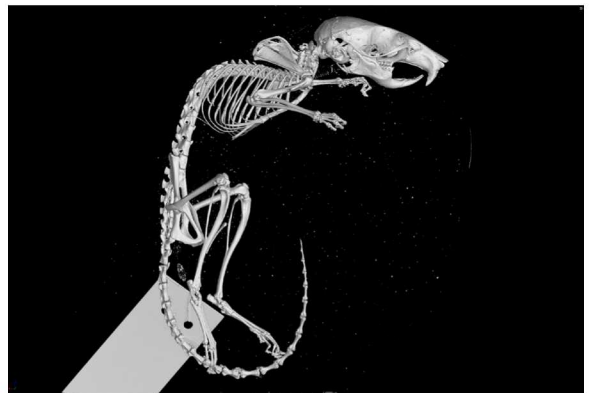
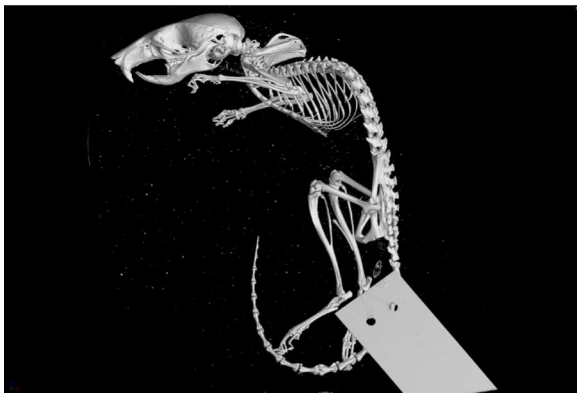
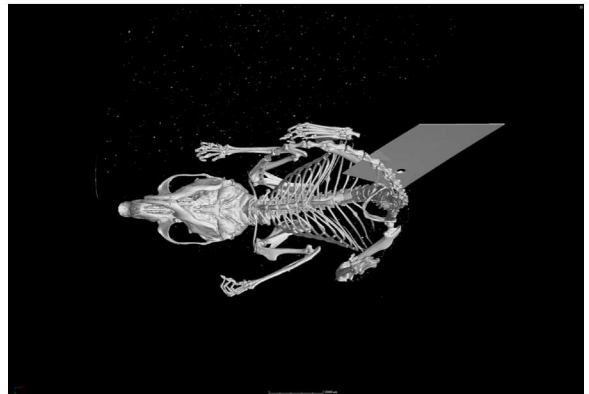
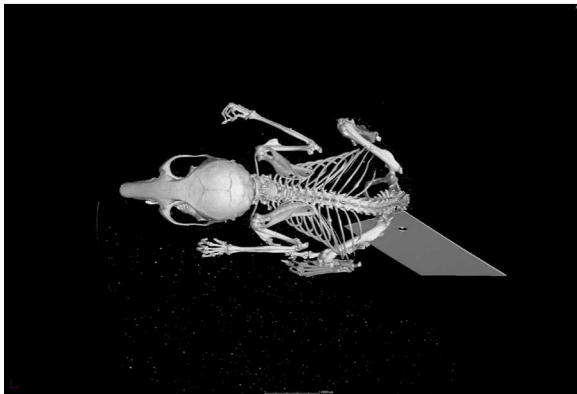
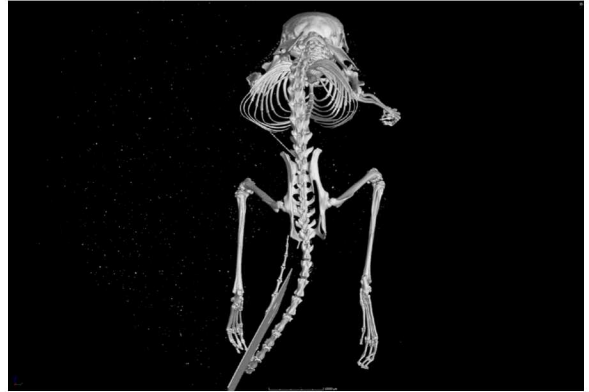
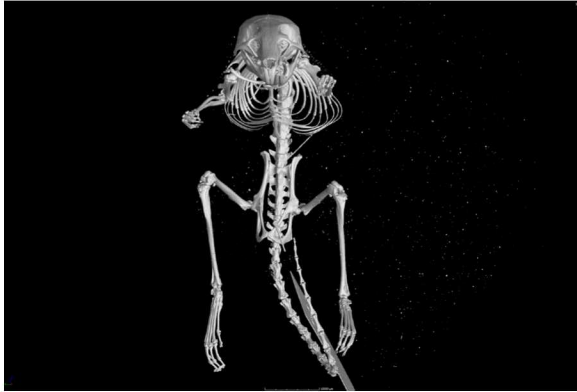
**MSB 240562: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



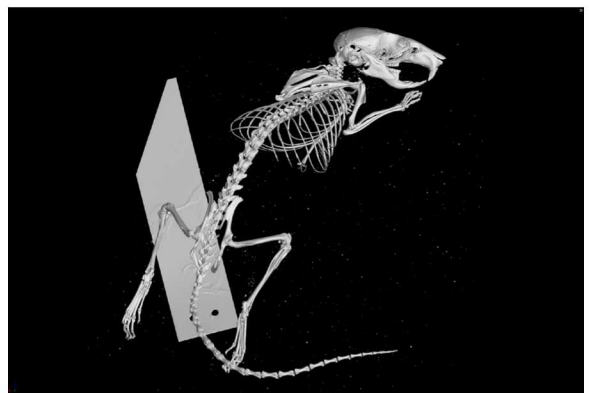
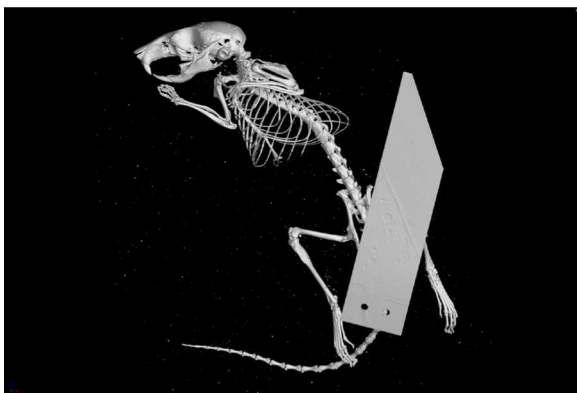
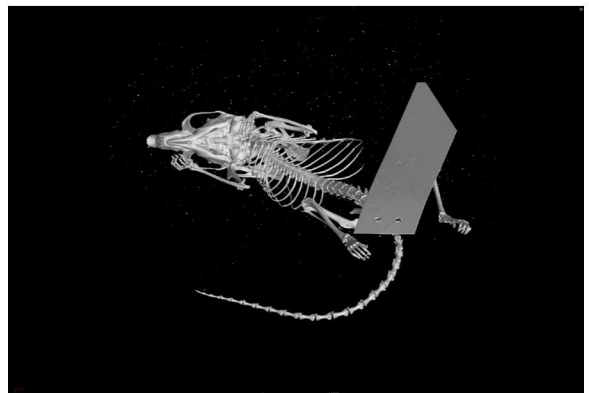
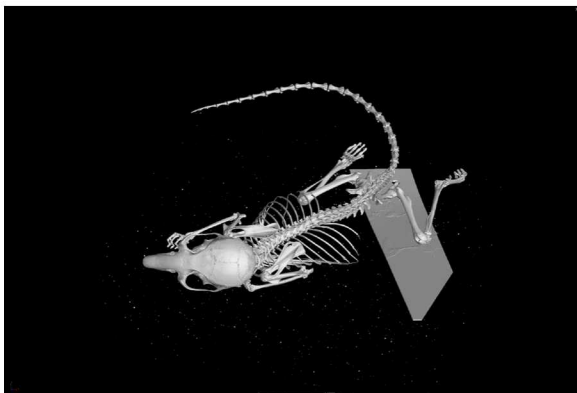
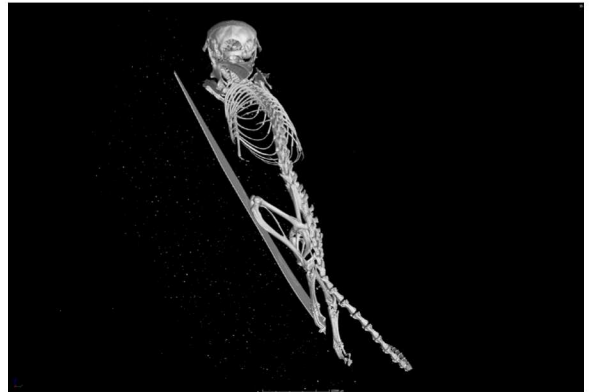
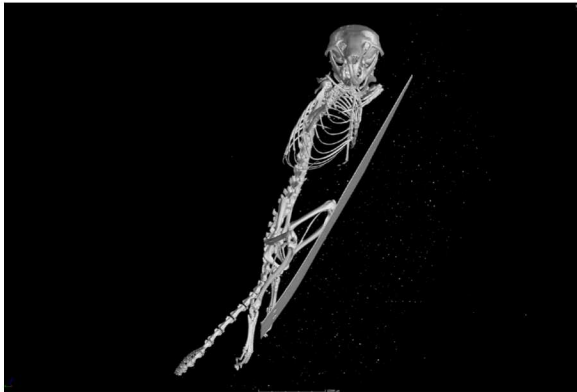
**MSB 240563: *Peromyscus maniculatus***

Body: 45  $\mu$ m resolution



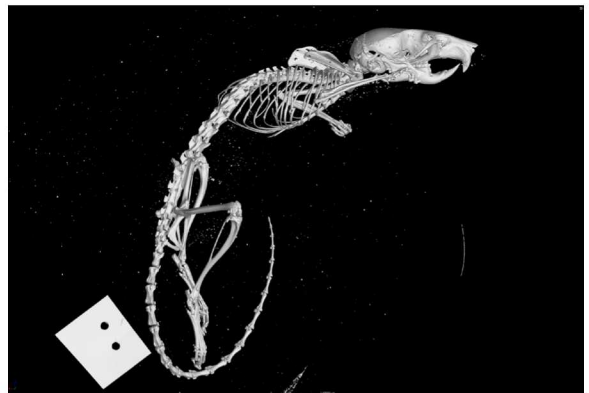
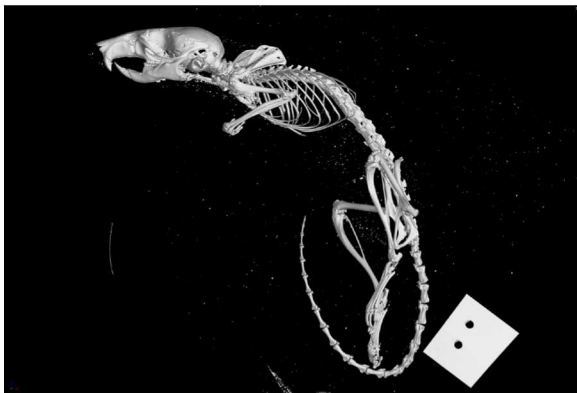
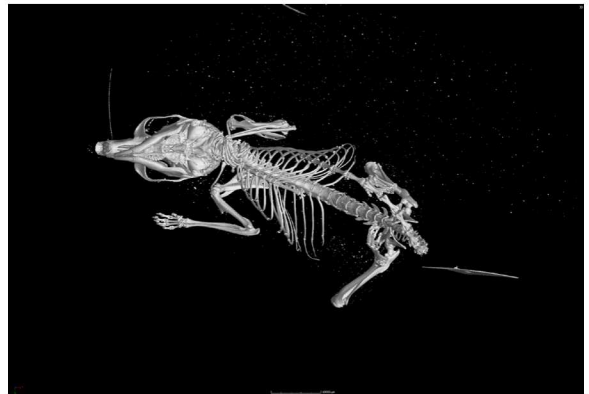
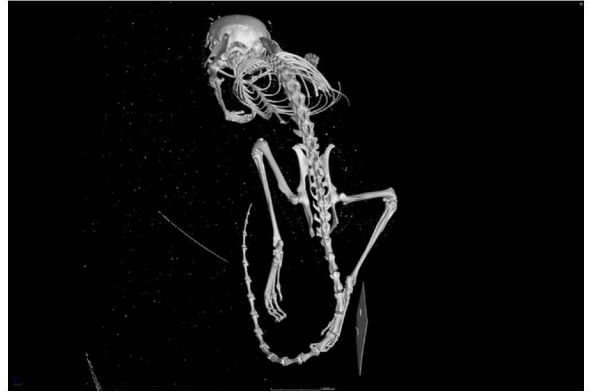
**MSB 240567: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



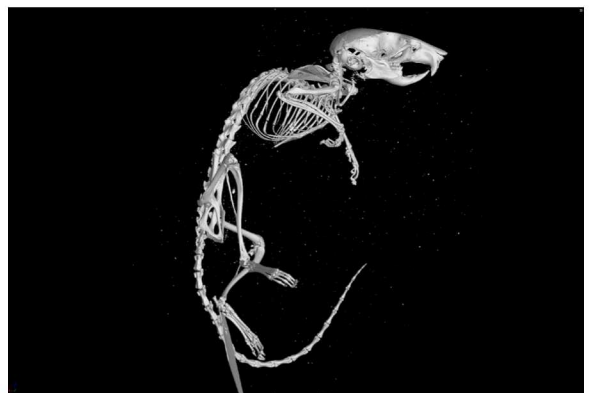
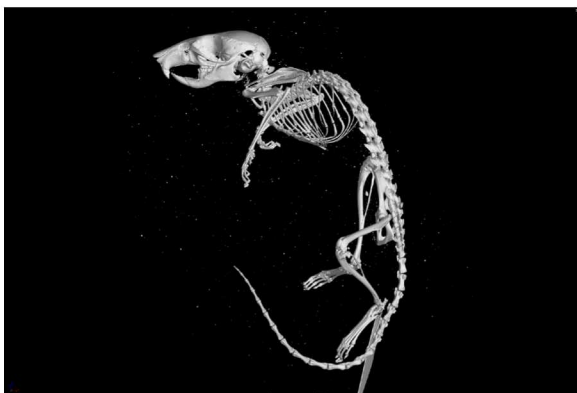
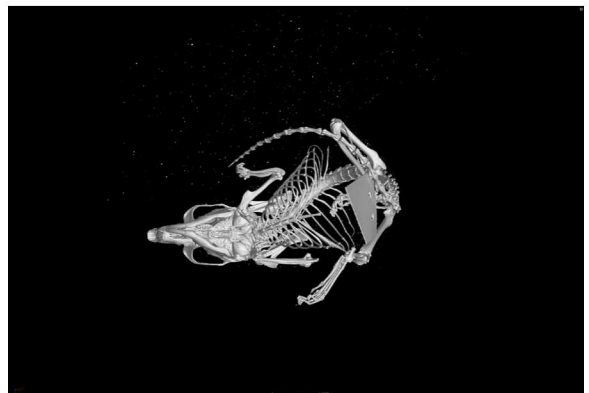
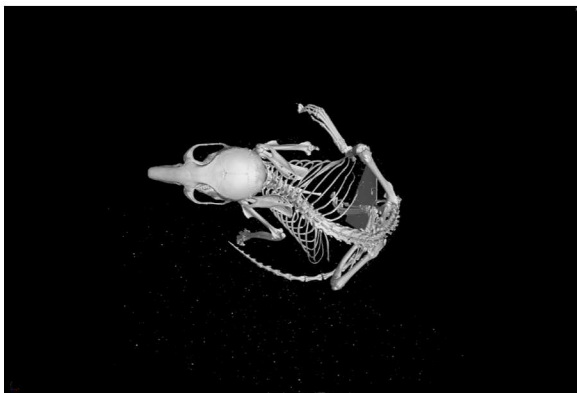
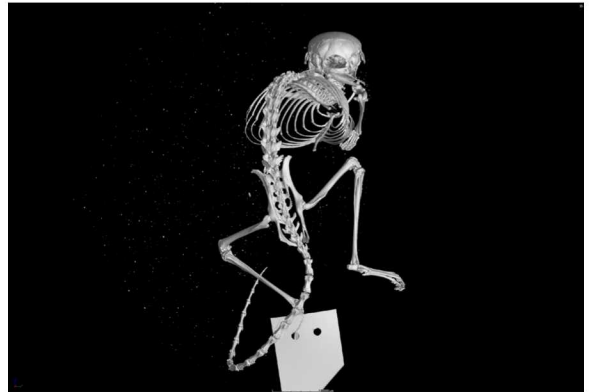
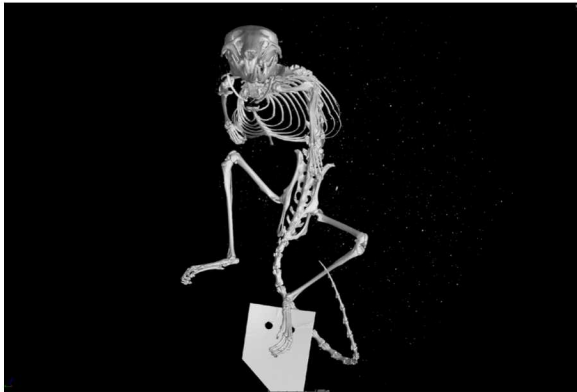
**MSB 240569: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



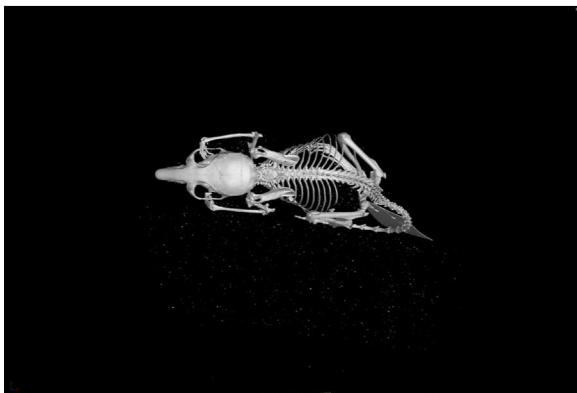
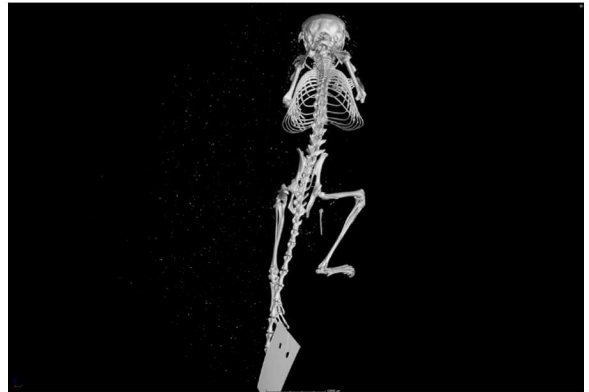
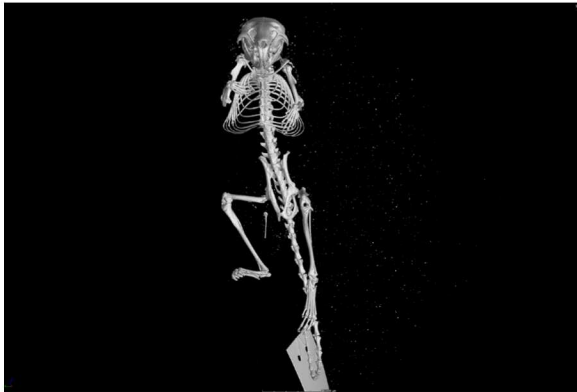
**MSB 240570: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



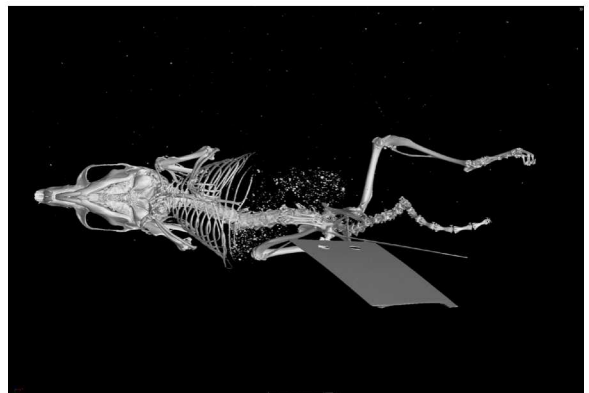
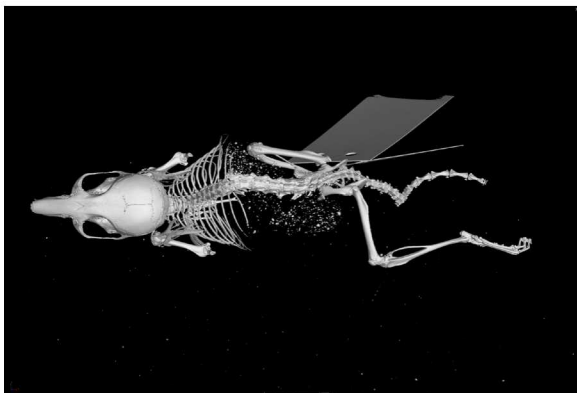
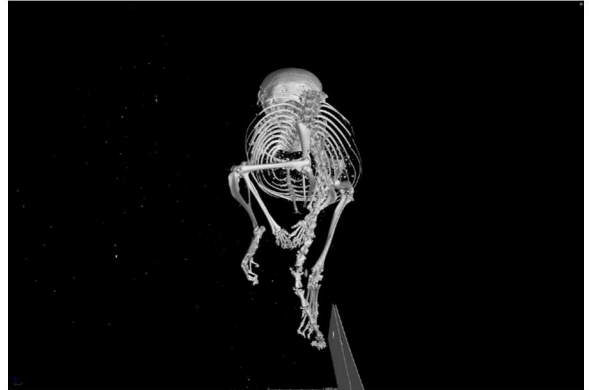
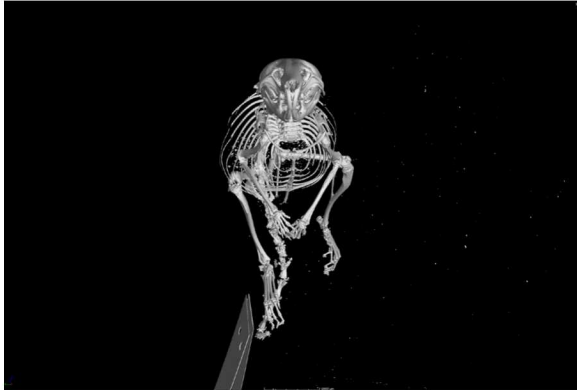
**MSB 240571: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



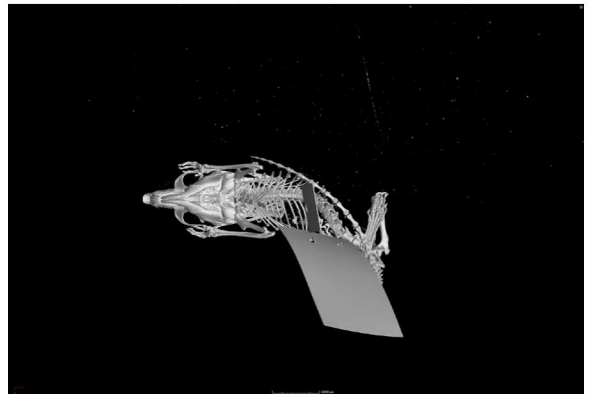
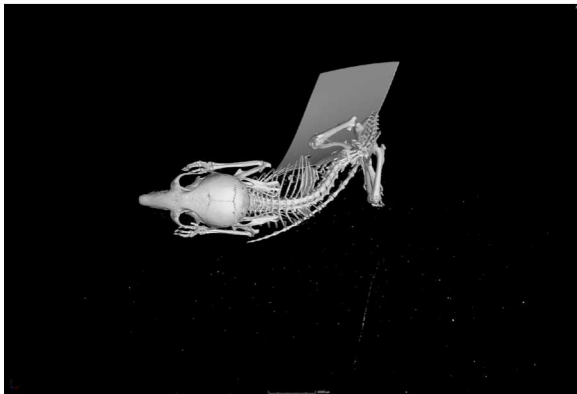
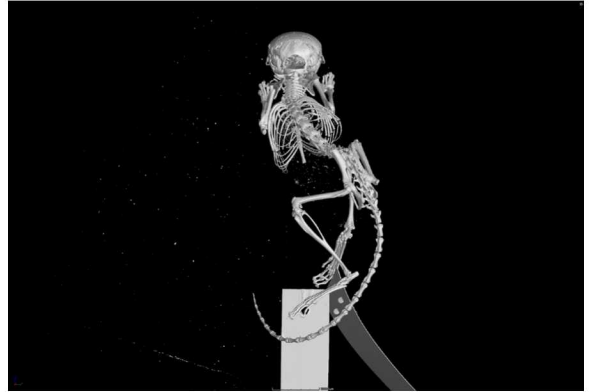
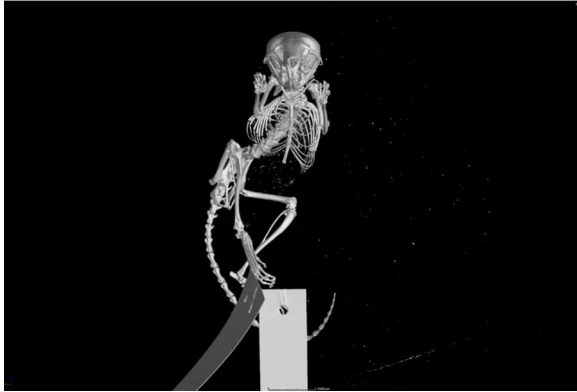
**MSB 280973: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



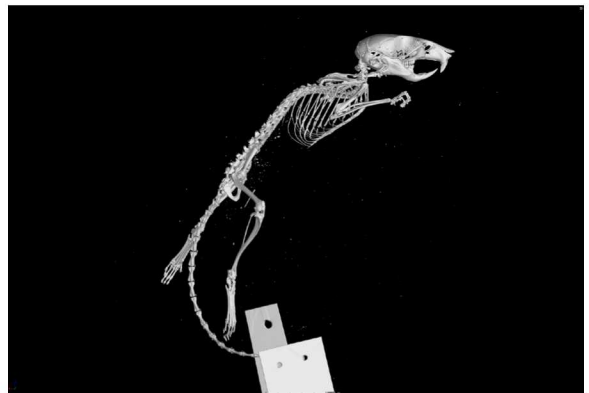
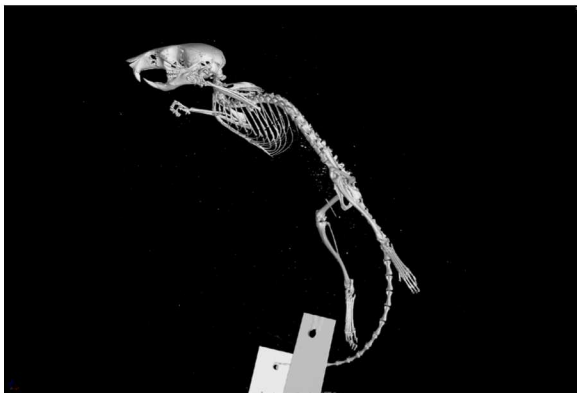
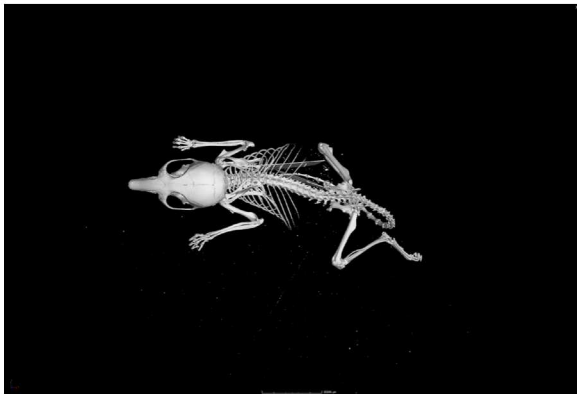
**MSB 295115: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



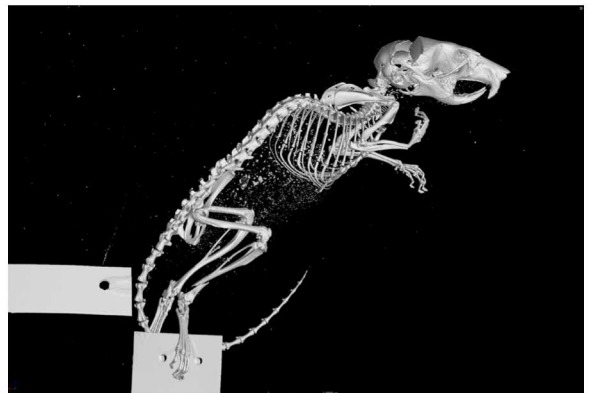
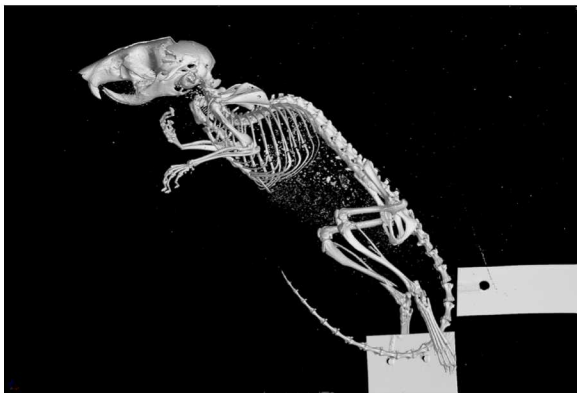
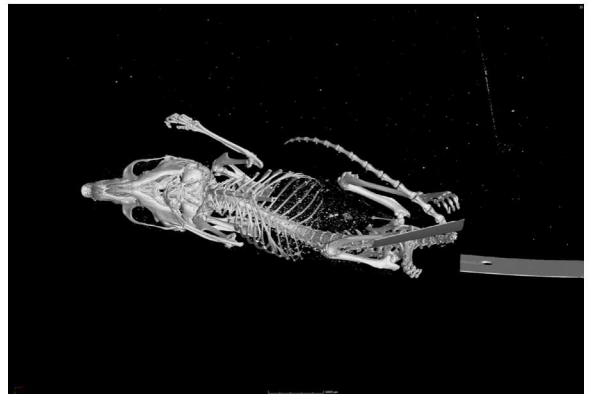
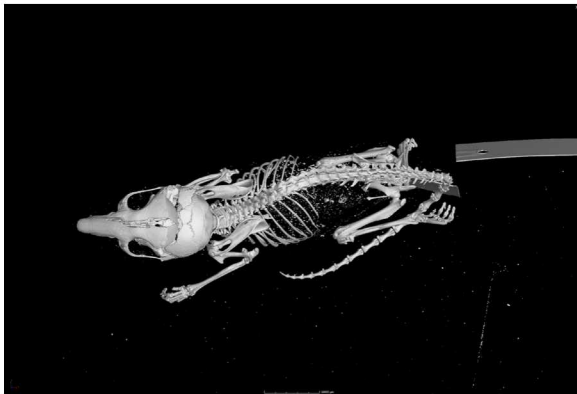
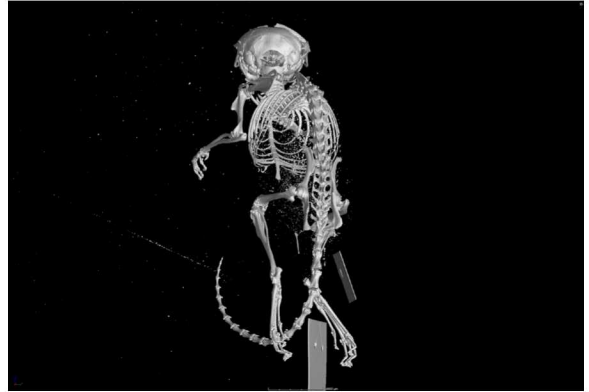
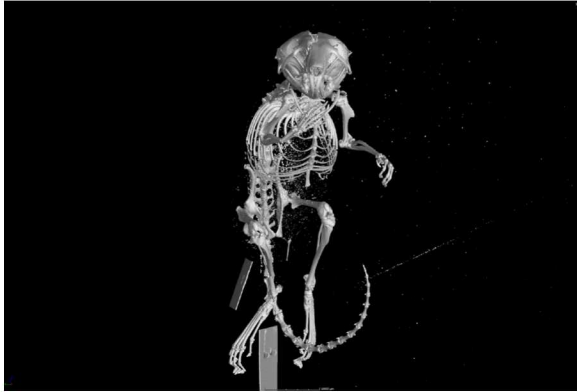
**MSB 295124: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



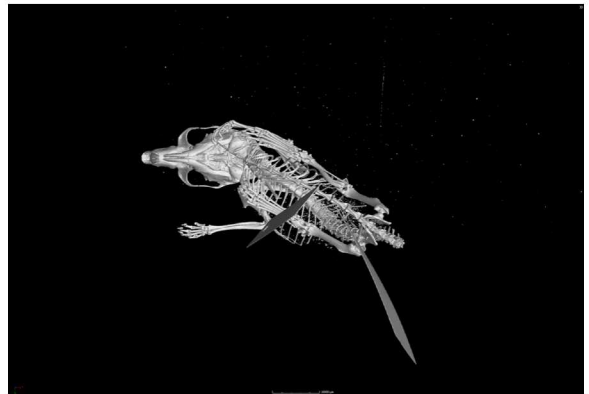
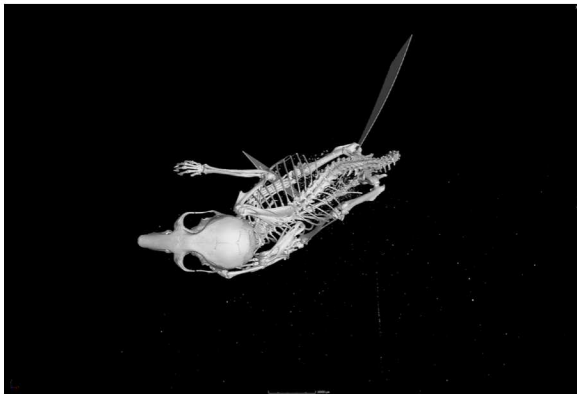
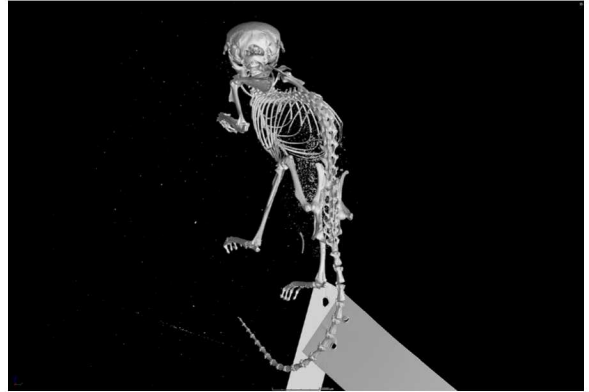
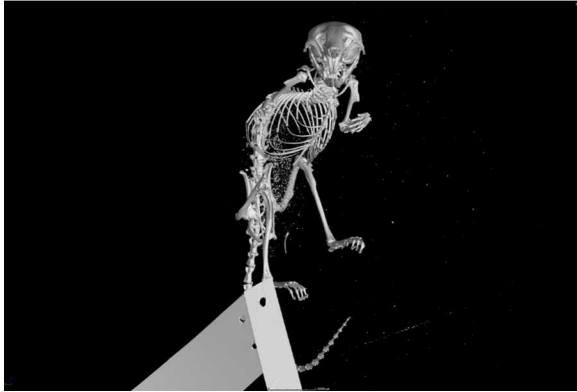
**MSB 295242: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



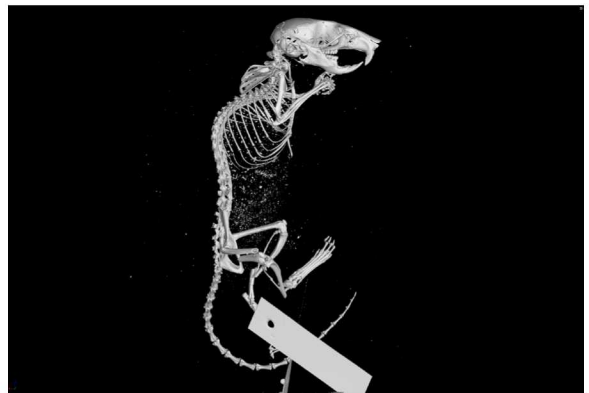
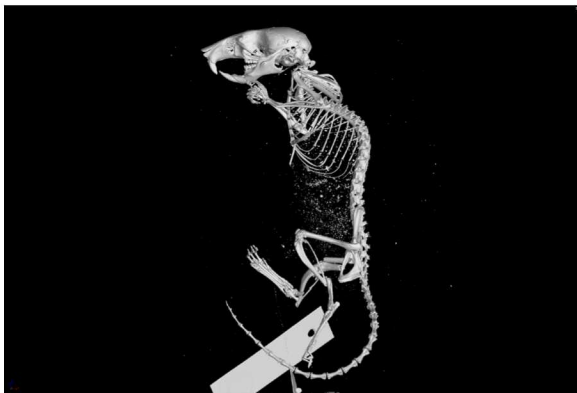
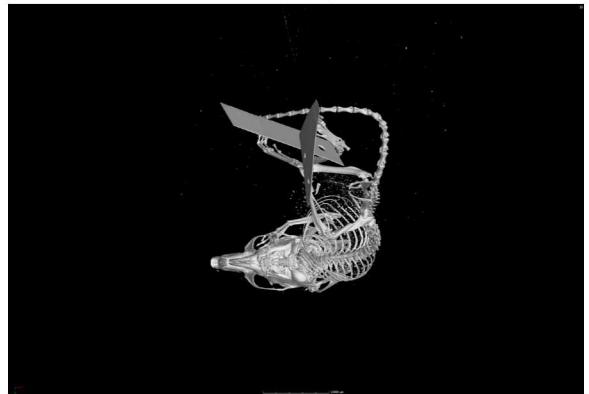
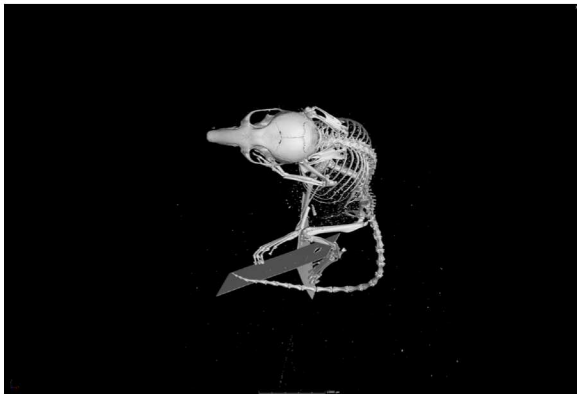
**MSB 295253: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



**MSB 295254: *Peromyscus maniculatus***

Body: 50  $\mu$ m resolution



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