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Laboratories

FuncQEE Scans - Set 3

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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.

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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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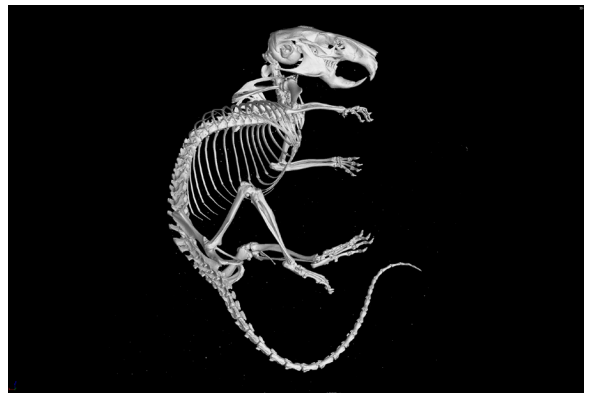
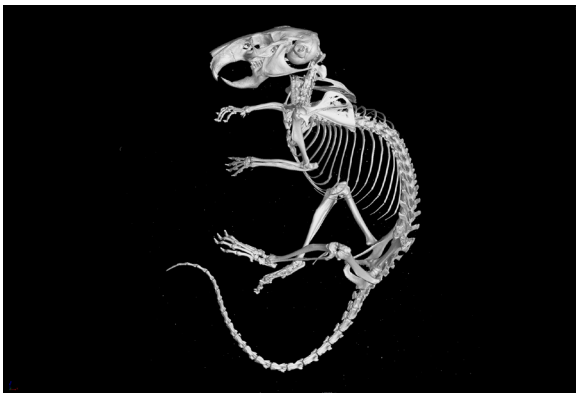
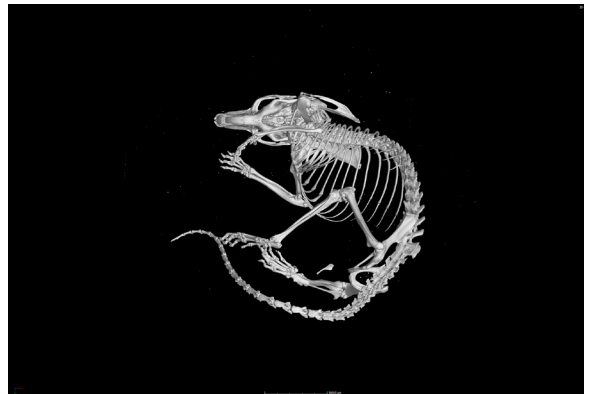
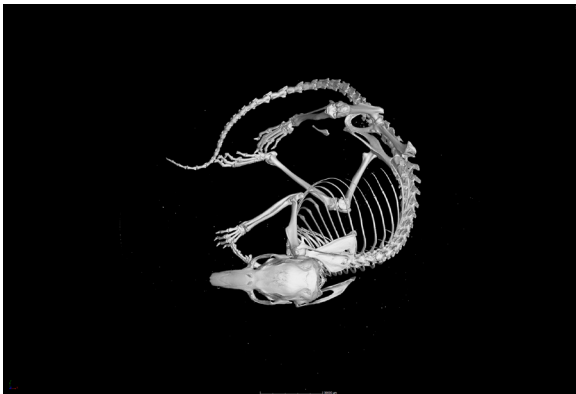
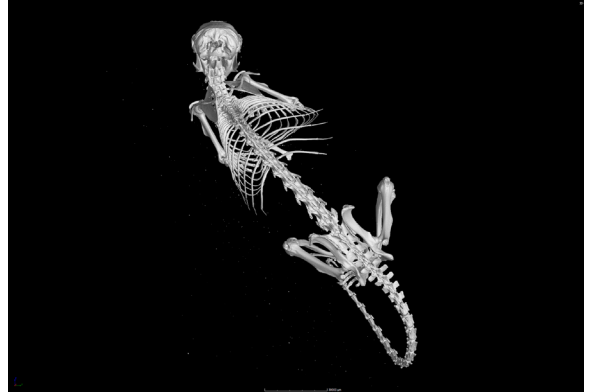
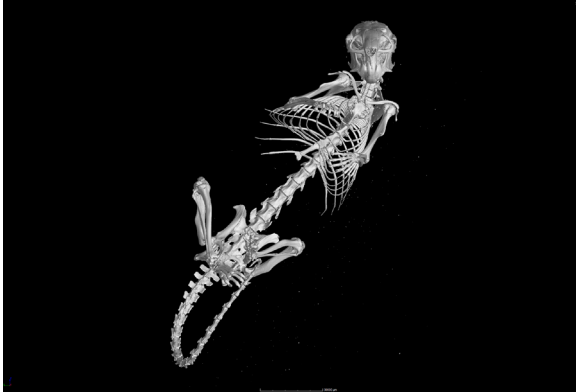
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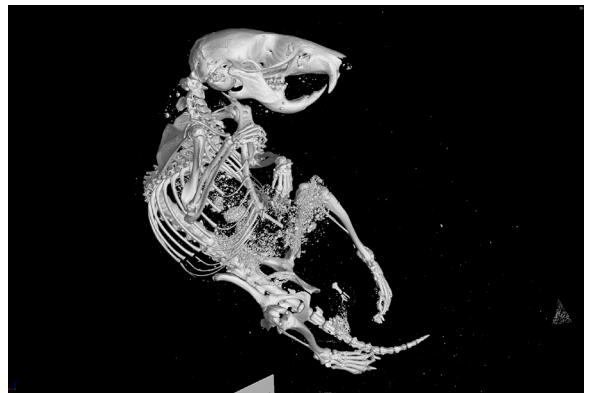
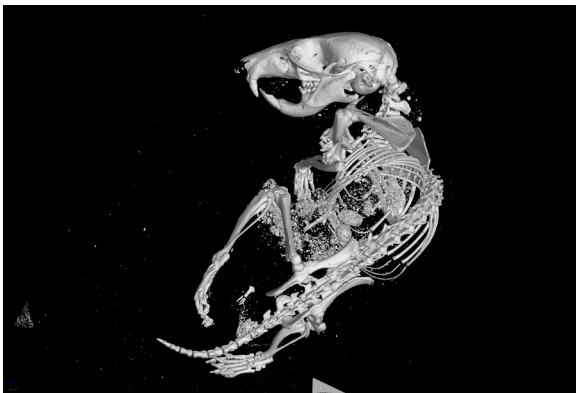
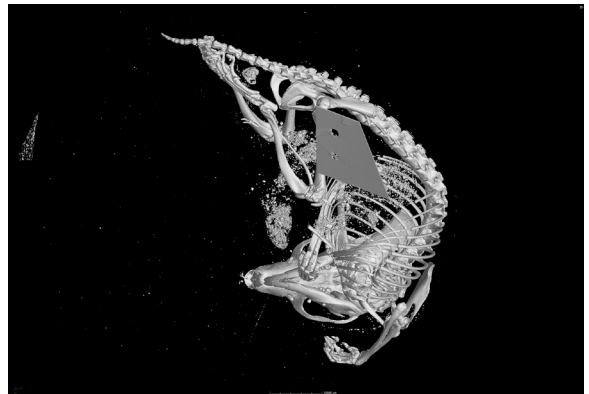
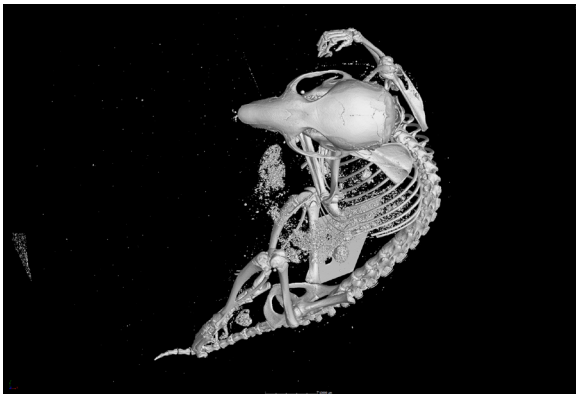
MSB 132501: *Abrocoma bennettii*

Body: 100 μ m resolution



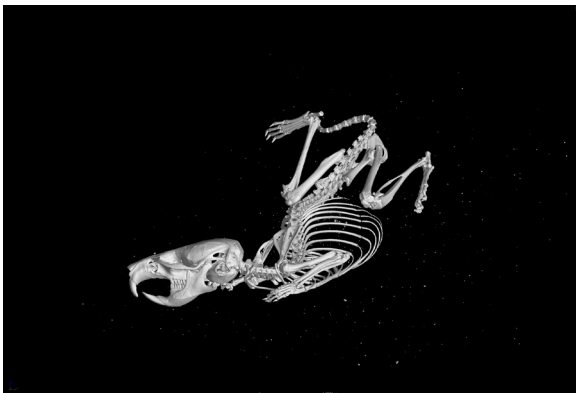
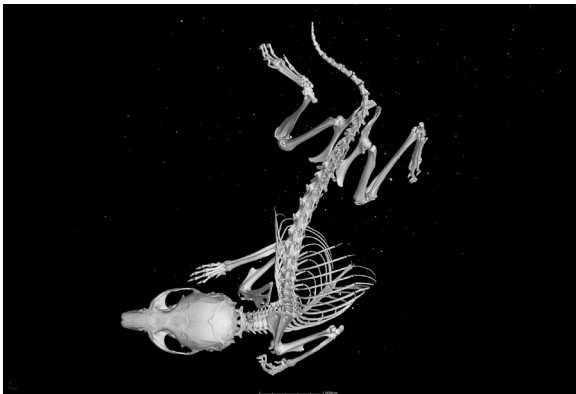
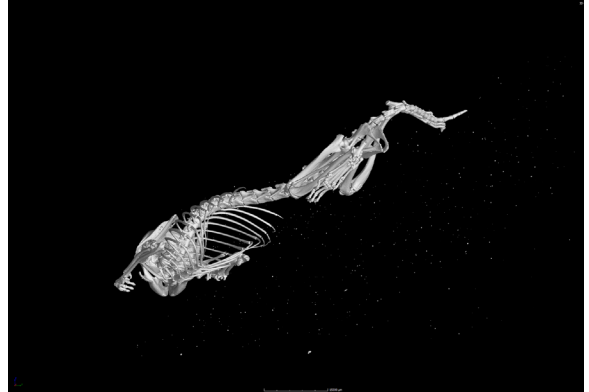
MSB 265223: *Allocricetulus curtatus*

Body: 50 μ m resolution



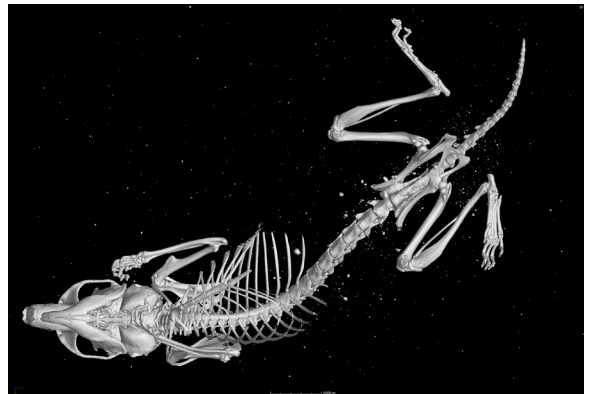
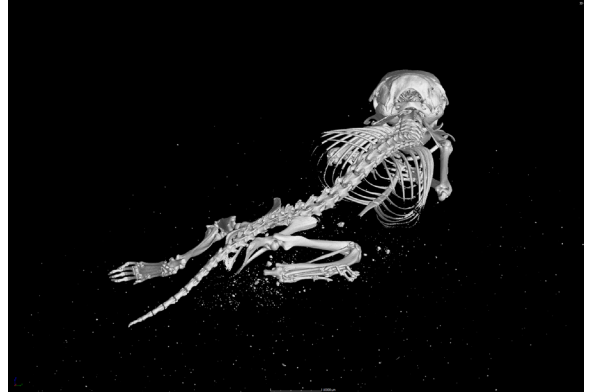
MSB 94184: *Alticola semicanus*

Body: 70 μ m resolution



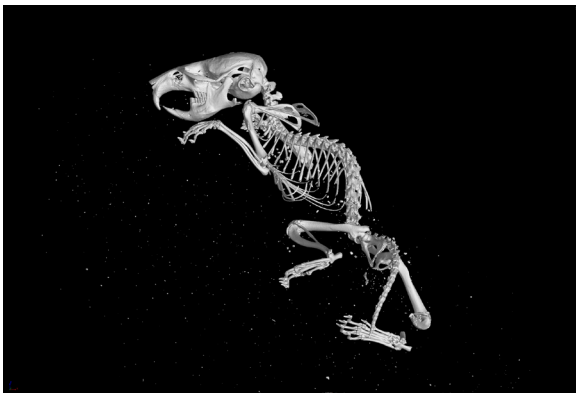
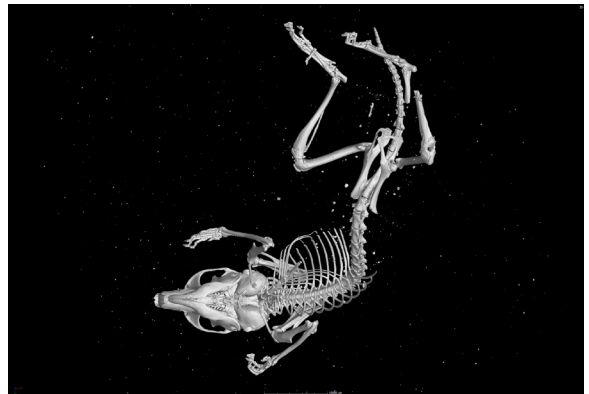
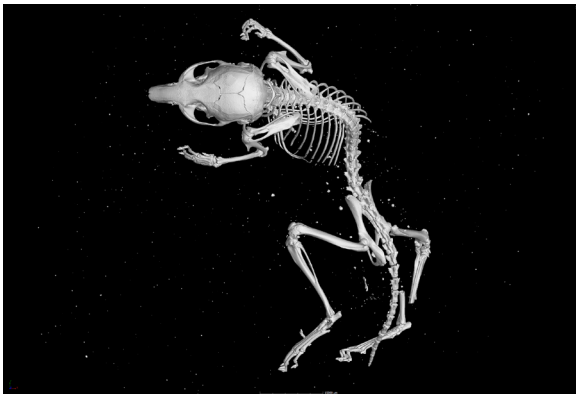
MSB 94185: *Alticola semicanus*

Body: 70 μ m resolution



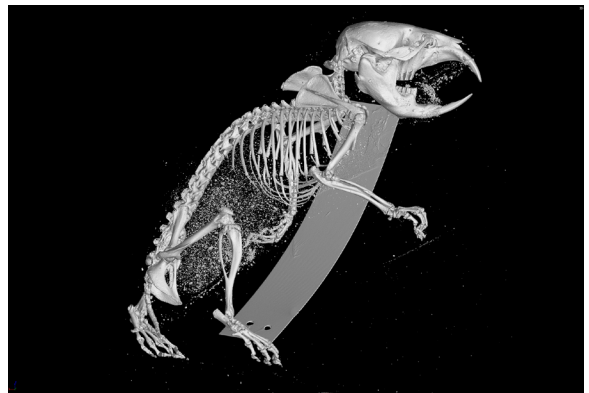
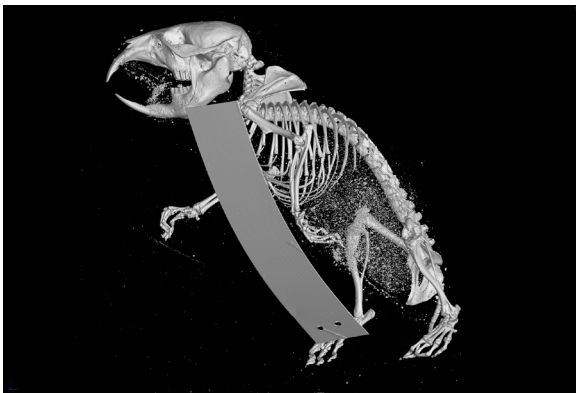
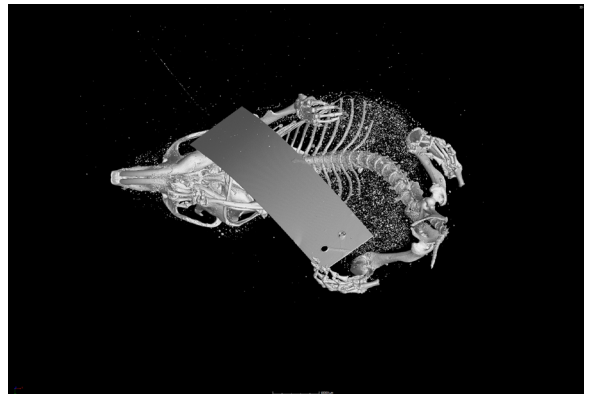
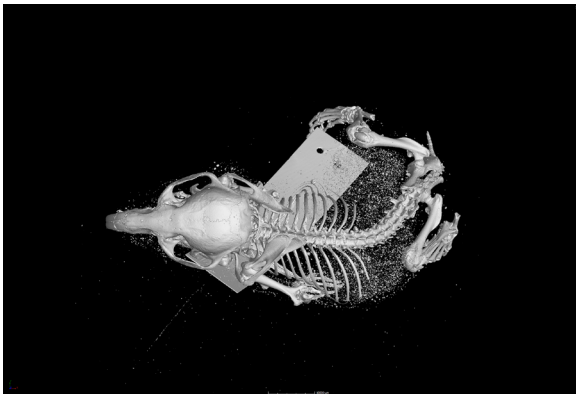
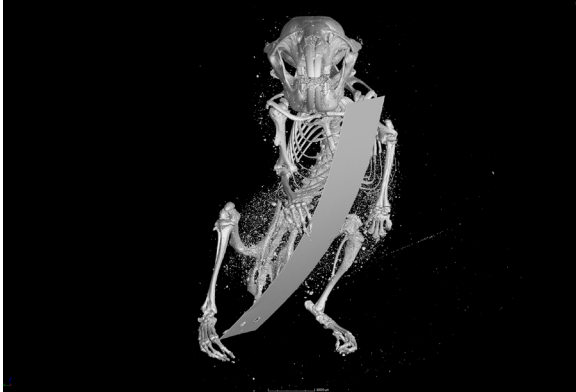
MSB 94186: *Alticola semicanus*

Body: 70 μ m resolution



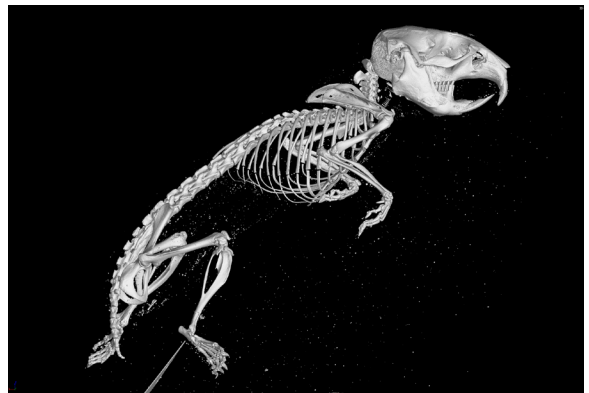
MSB 248457: *Ellobius tancrei*

Body: 47 μ m resolution



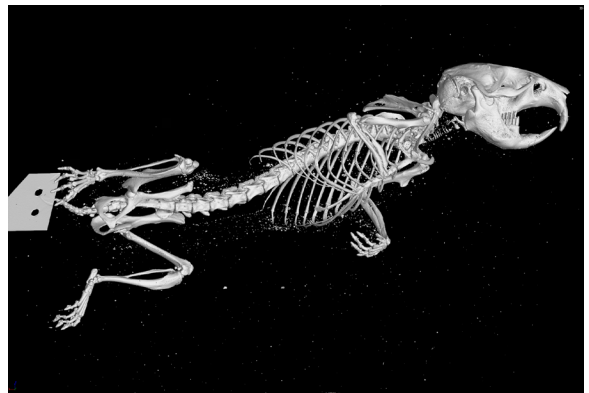
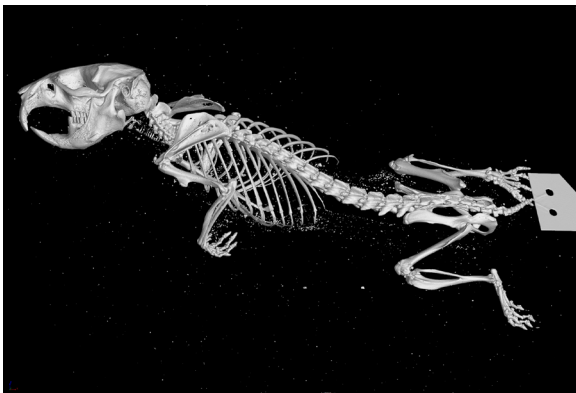
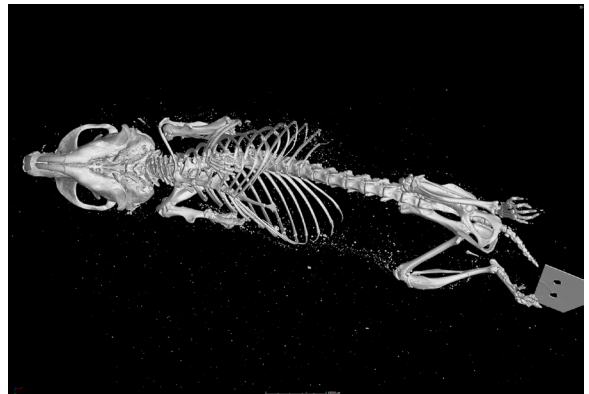
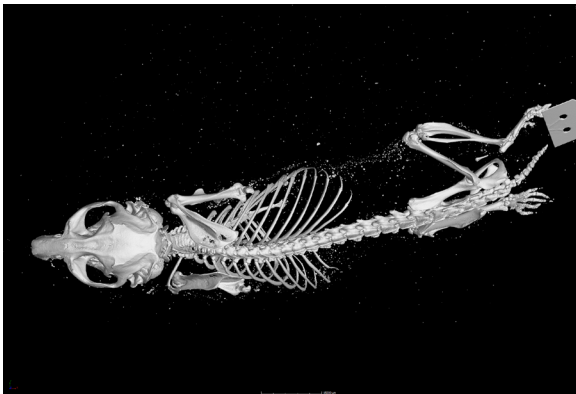
MSB 249169: *Eolagurus luteus*

Body: 60 μ m resolution



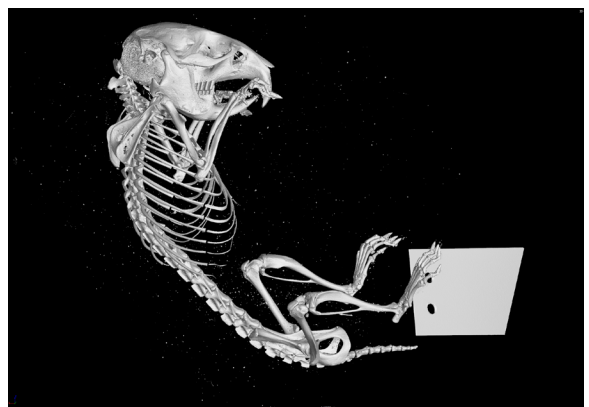
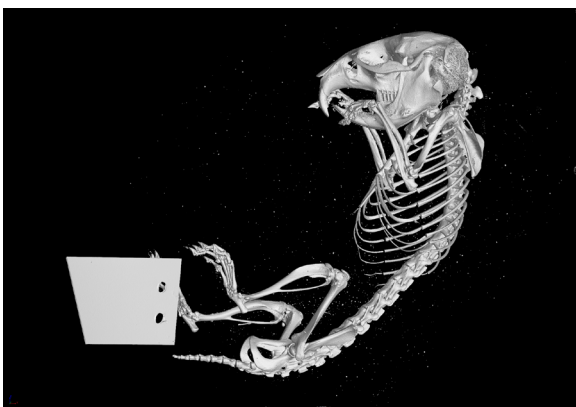
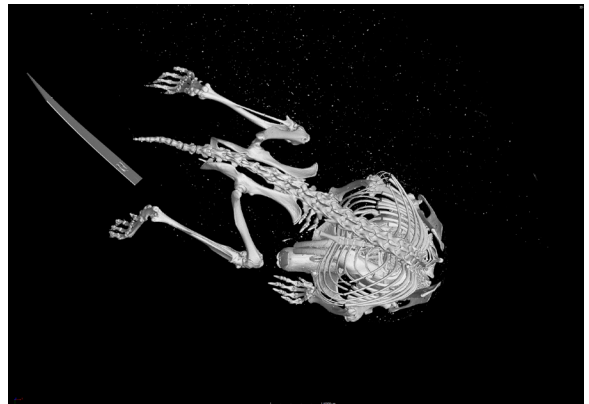
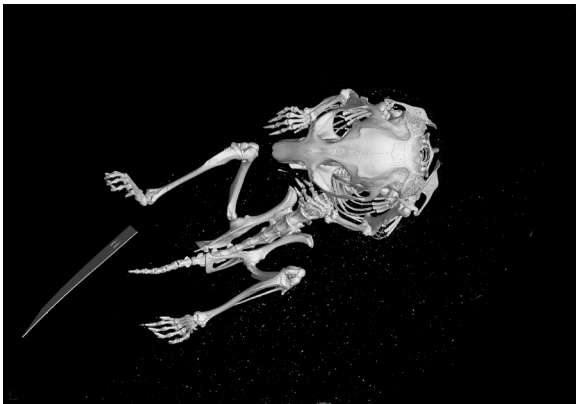
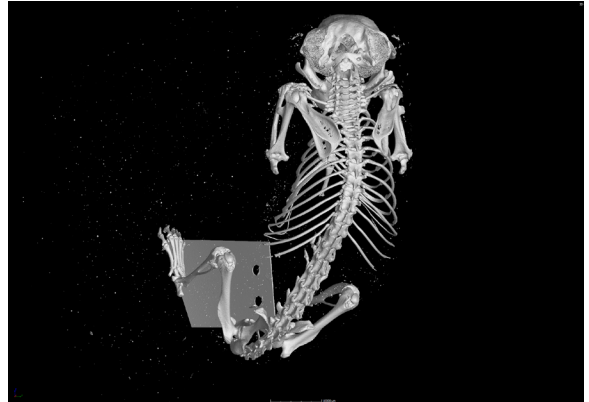
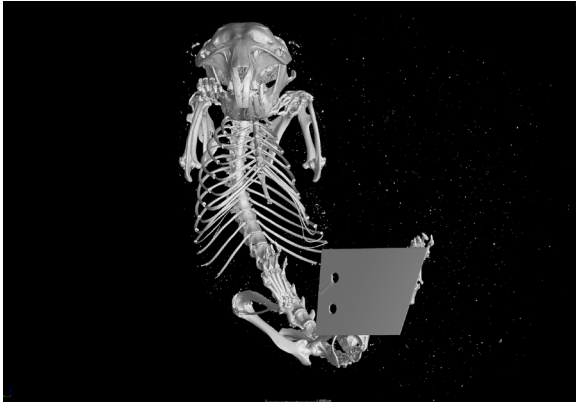
MSB 249170: *Eolagurus luteus*

Body: 70 μ m resolution



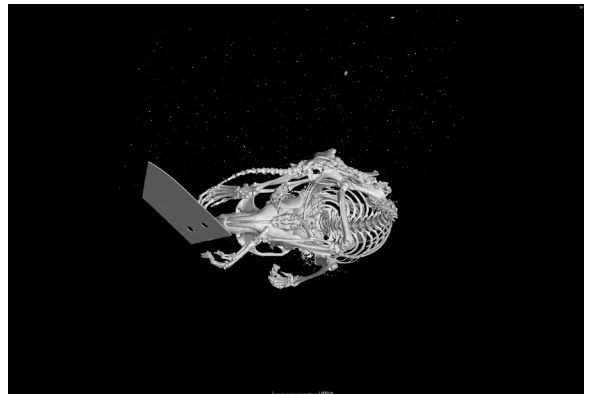
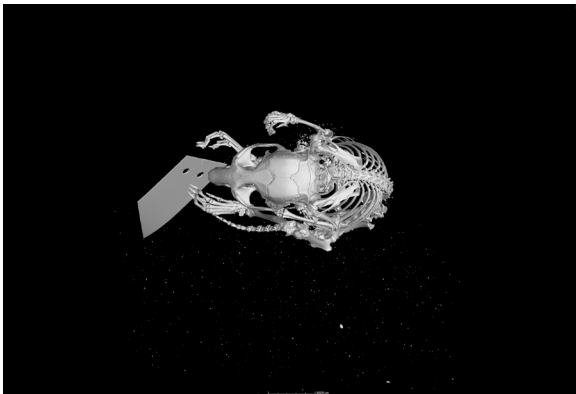
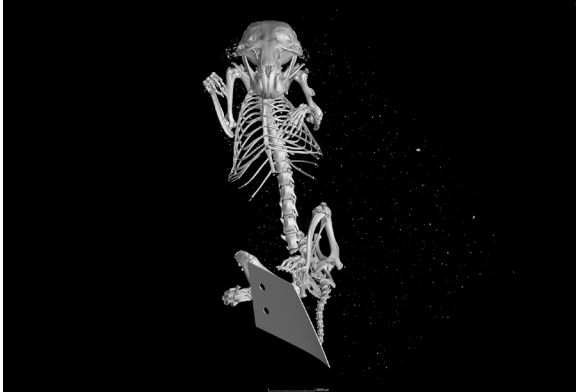
MSB 249171: *Eolagurus luteus*

Body: 50 μ m resolution



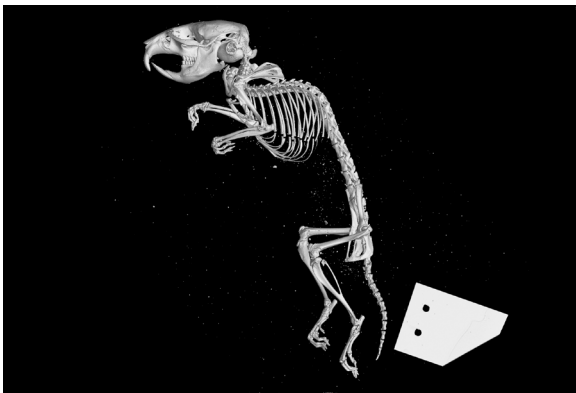
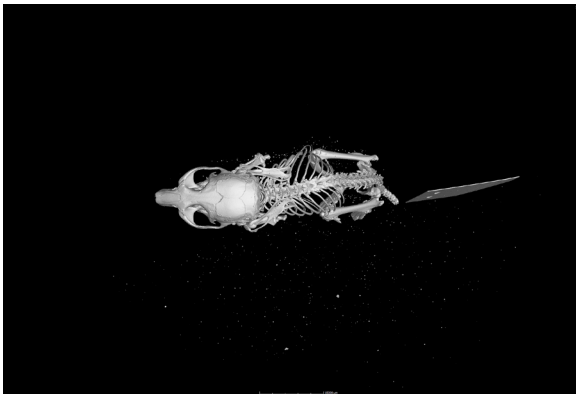
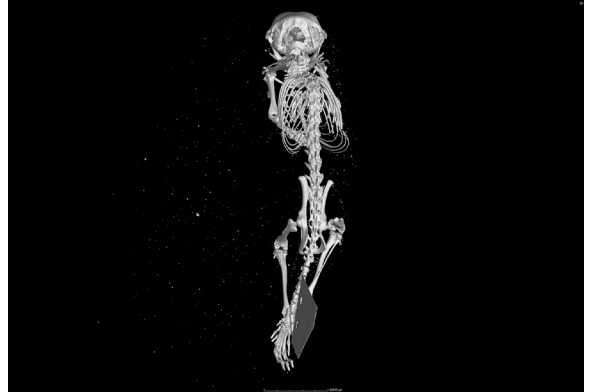
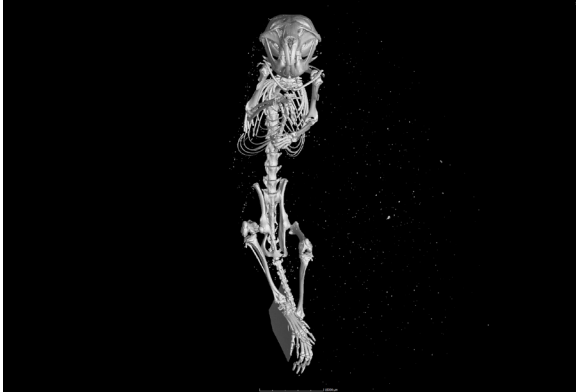
MSB 267271: *Lasiopodomys brandtii*

Body: 55 μ m resolution



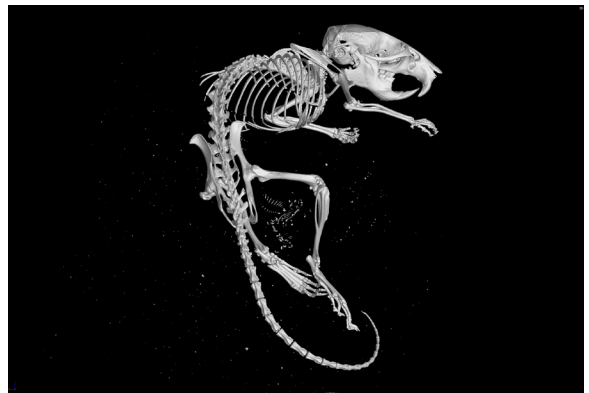
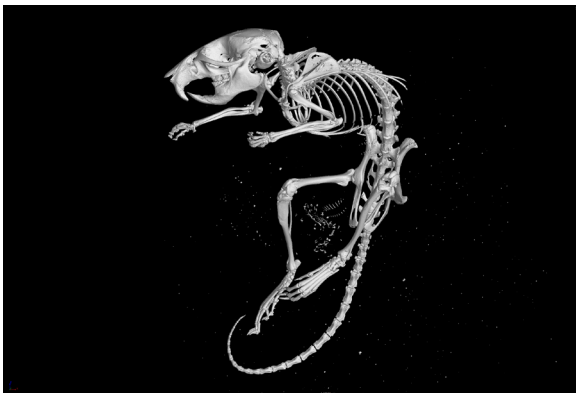
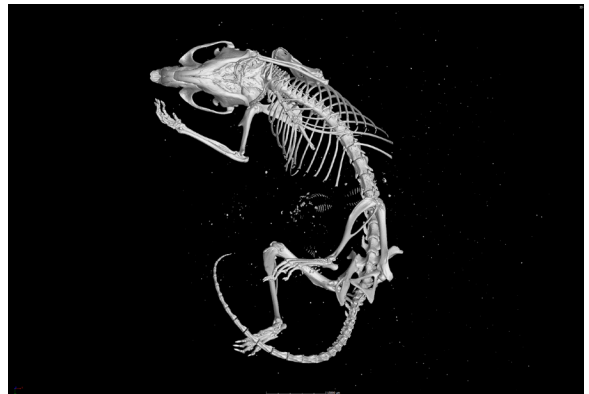
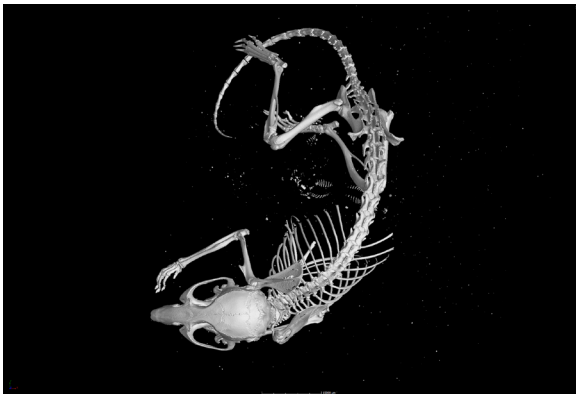
MSB 267275: *Lasiopodomys brandtii*

Body: 55 μ m resolution



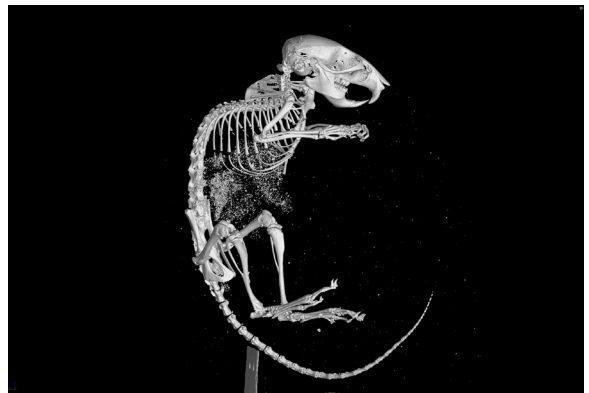
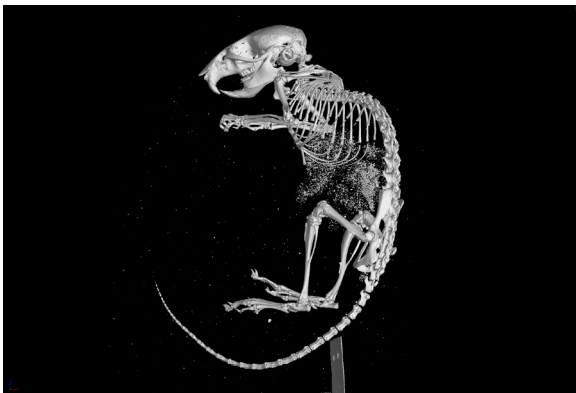
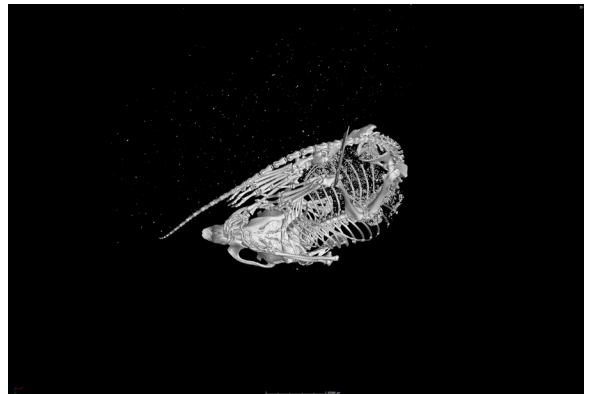
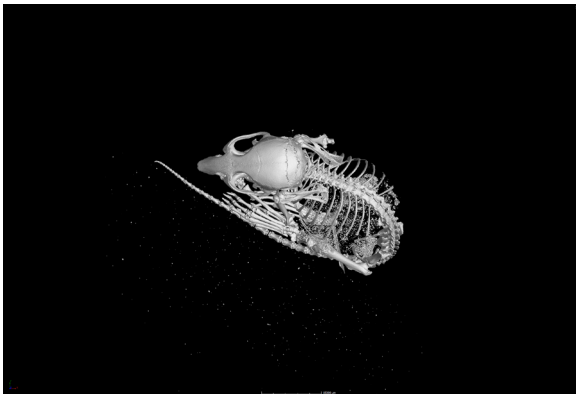
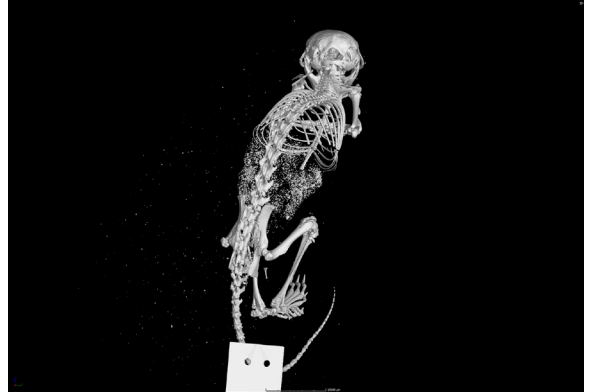
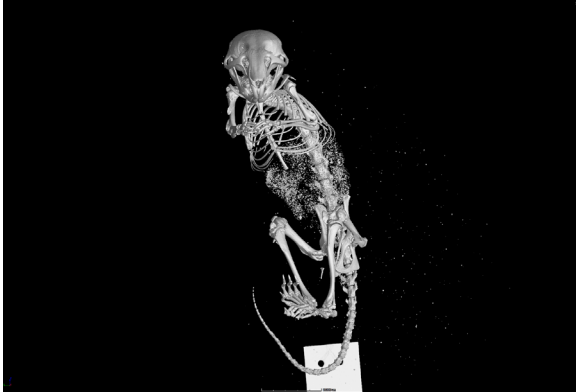
MSB 86468: *Loxodontomys micropus*

Body: 70 μ m resolution



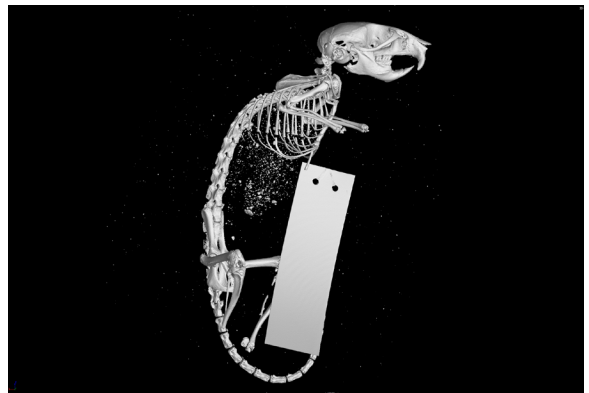
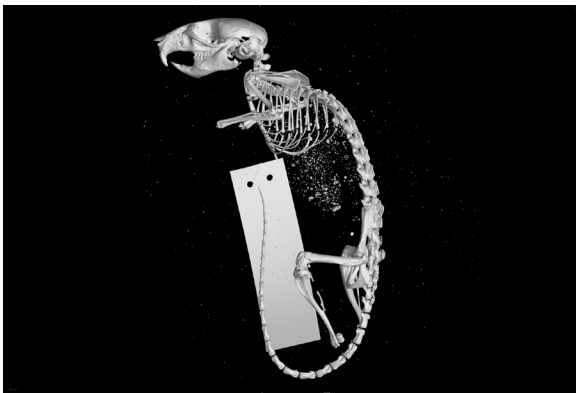
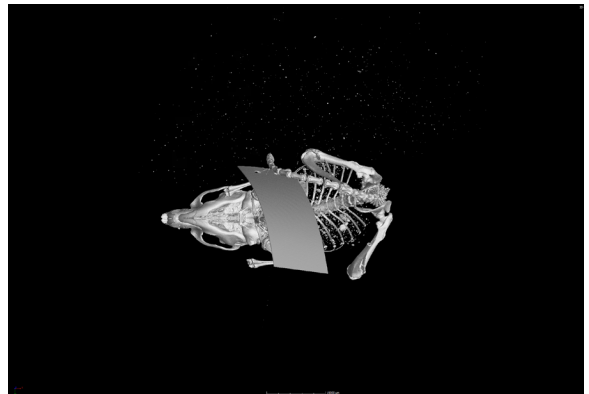
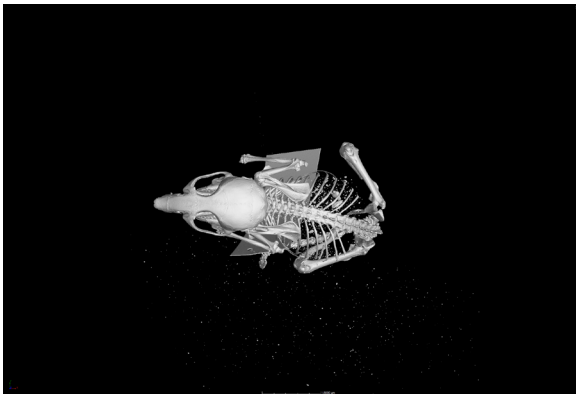
MSB 226904: *Loxodontomys micropus*

Body: 65 μ m resolution



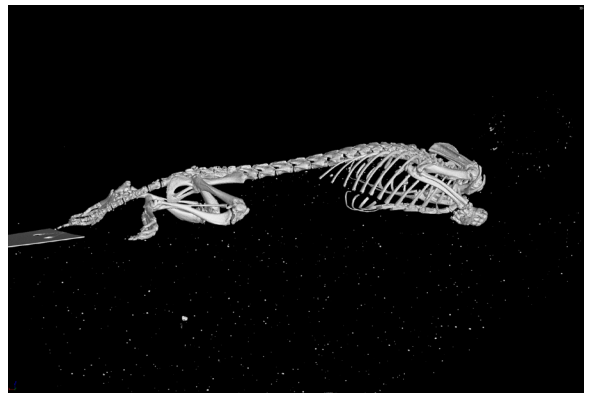
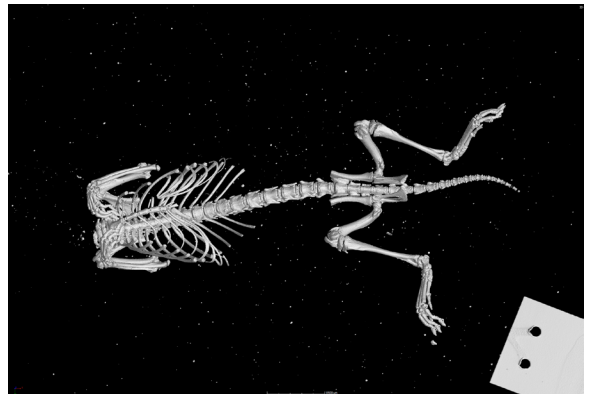
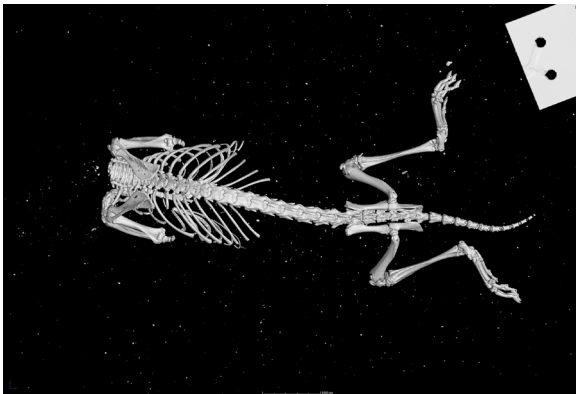
MSB 226940: *Loxodontomys micropus*

Body: 60 μ m resolution



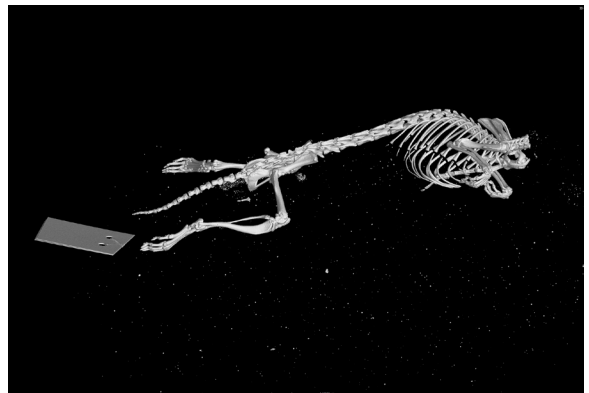
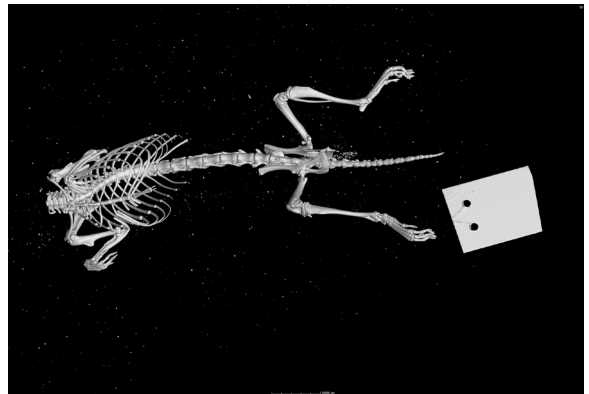
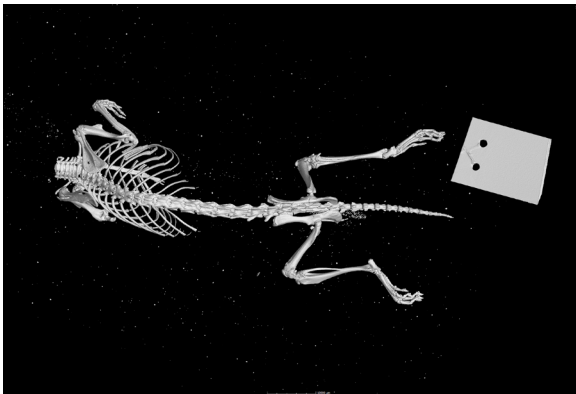
MSB 230776: *Microtus gregalis*

Body: 50 μ m resolution



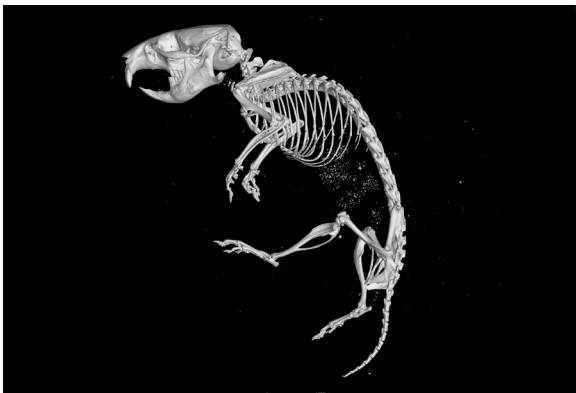
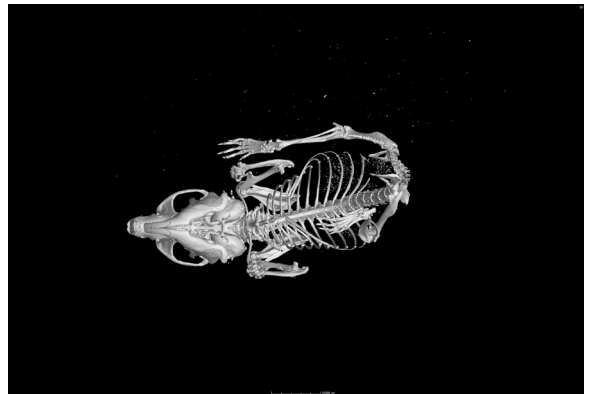
MSB 230862: *Microtus gregalis*

Body: 60 μ m resolution



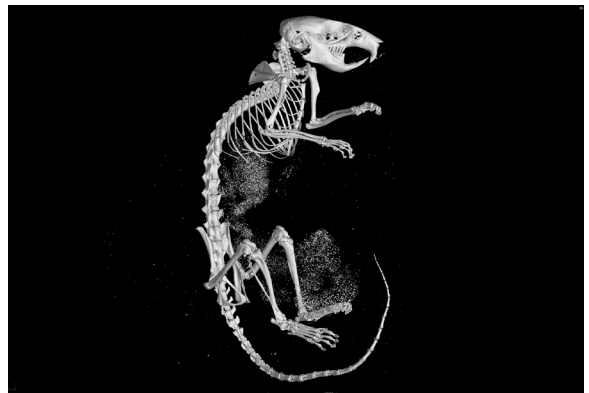
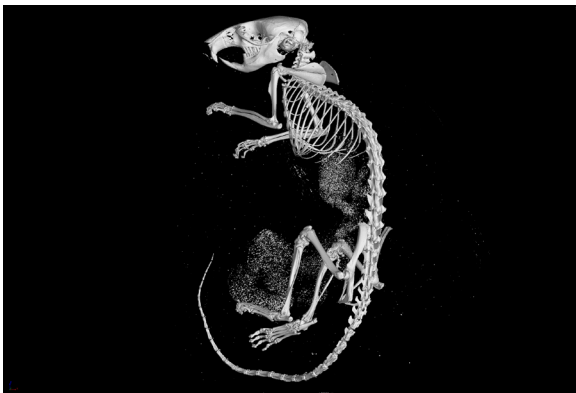
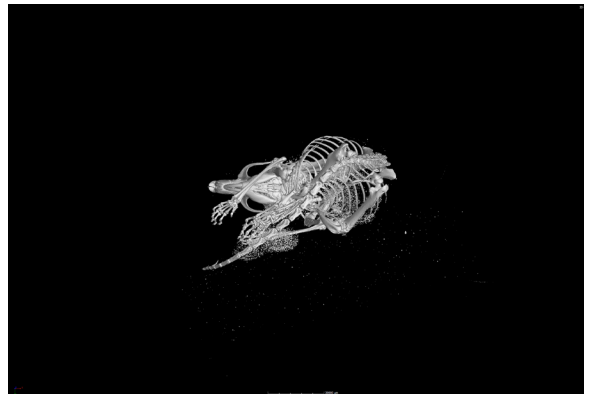
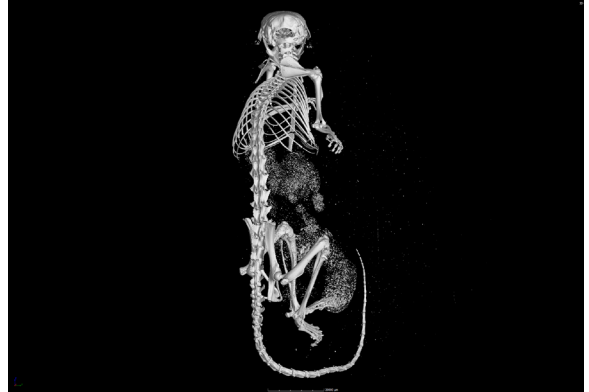
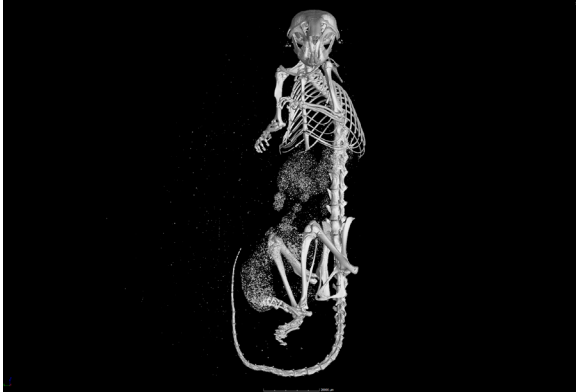
MSB 902404: *Microtus pinetorum*

Body: 50 μ m resolution



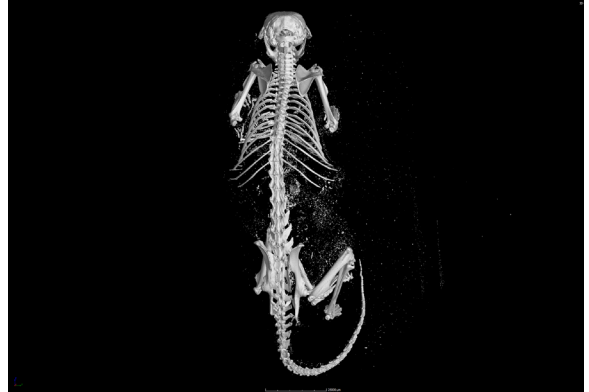
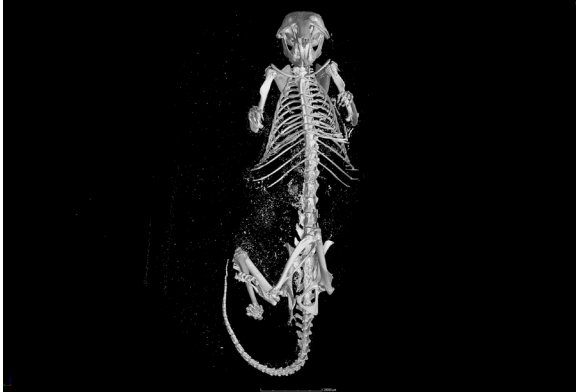
MSB 68887: *Neotoma stephensi*

Body: 67 μ m resolution



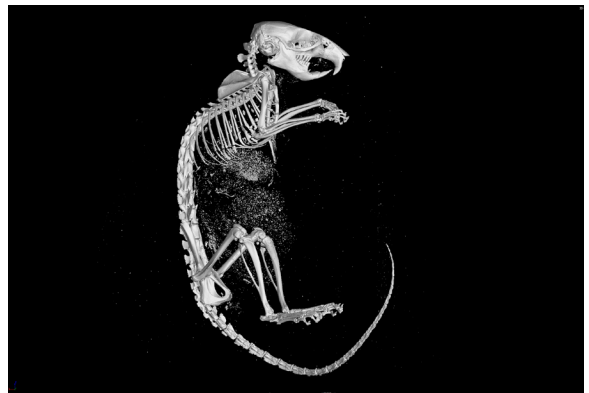
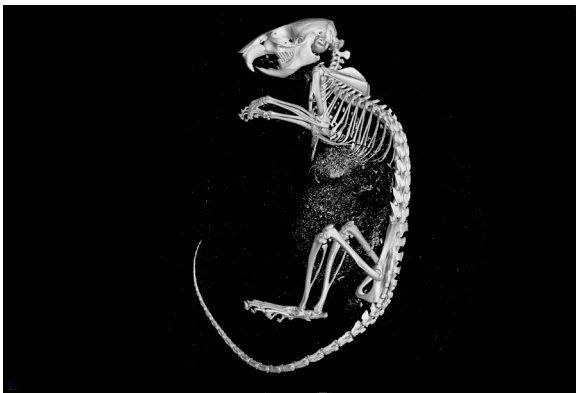
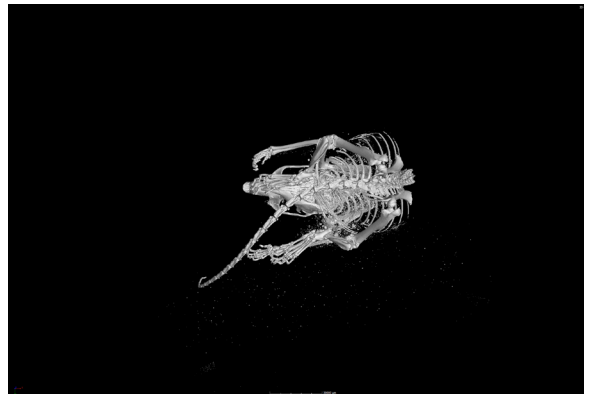
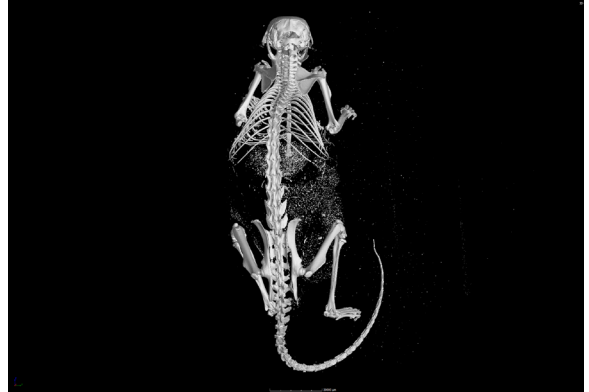
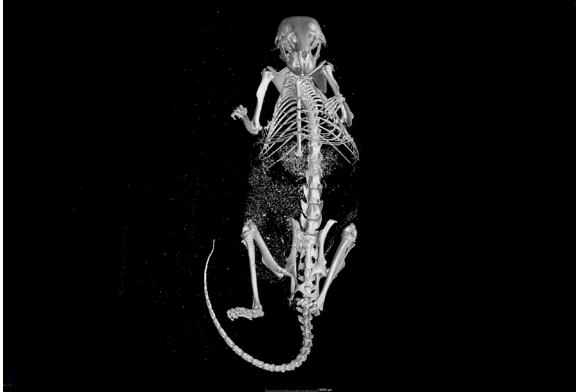
MSB 68890: *Neotoma stephensi*

Body: 67 μ m resolution



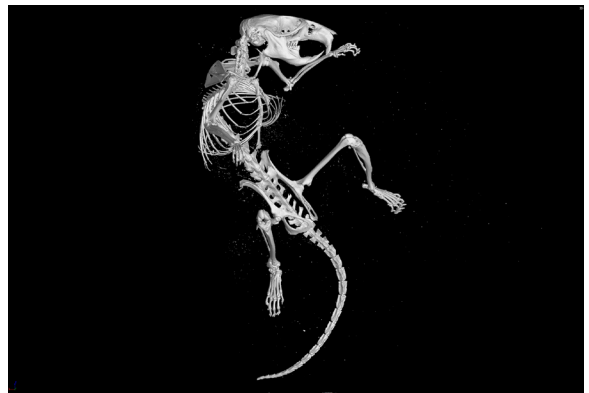
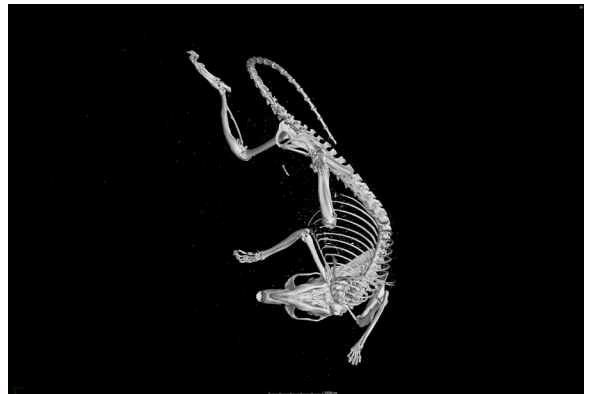
MSB 68891: *Neotoma stephensi*

Body: 67 μ m resolution



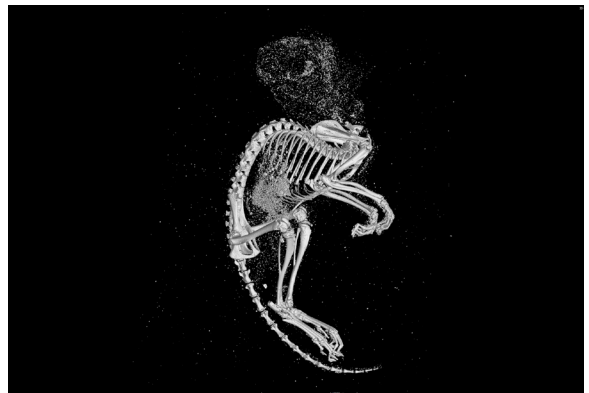
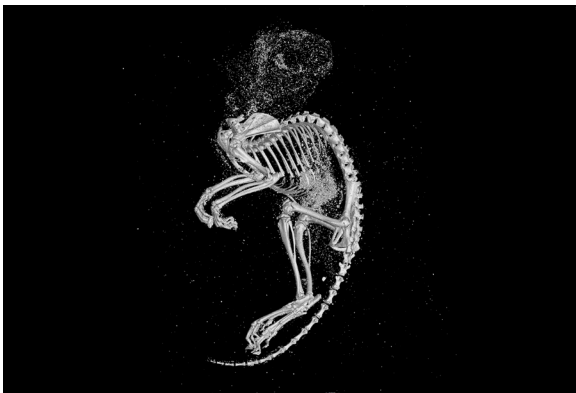
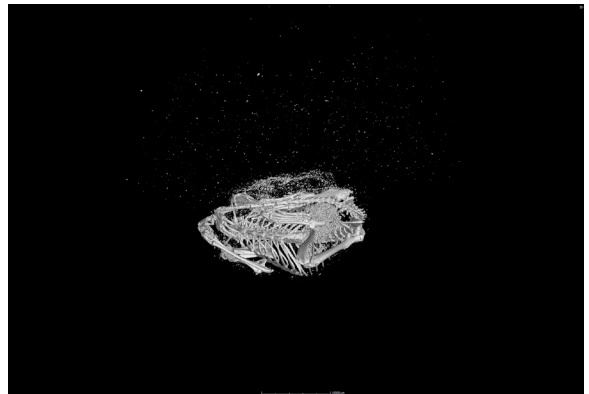
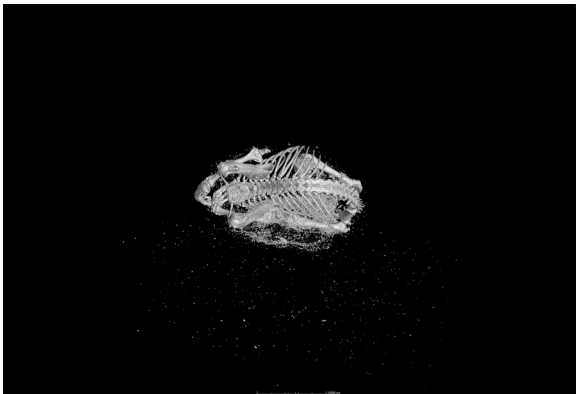
MSB 68892: *Neotoma stephensi*

Body: 100 μ m resolution



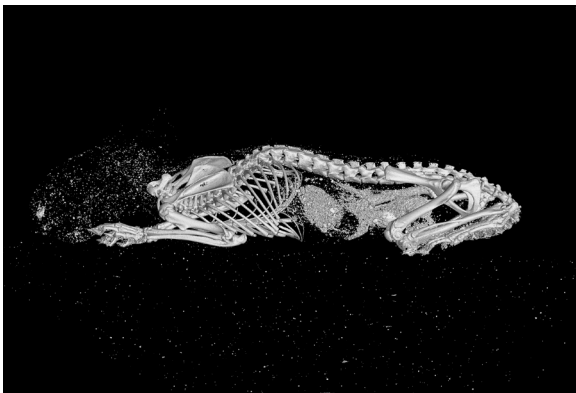
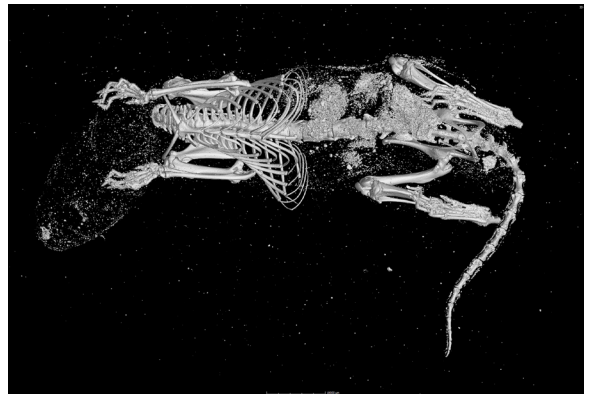
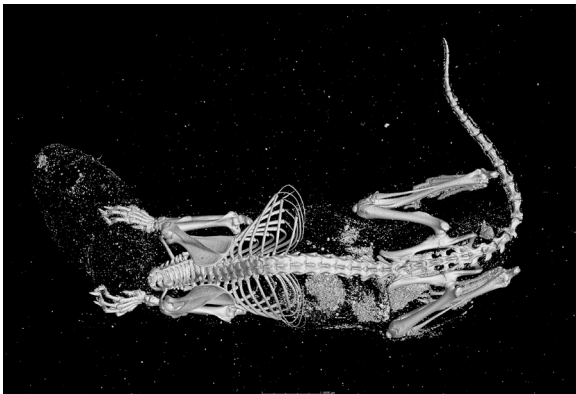
MSB 65560: *Onychomys arenicola*

Body: 55 μ m resolution



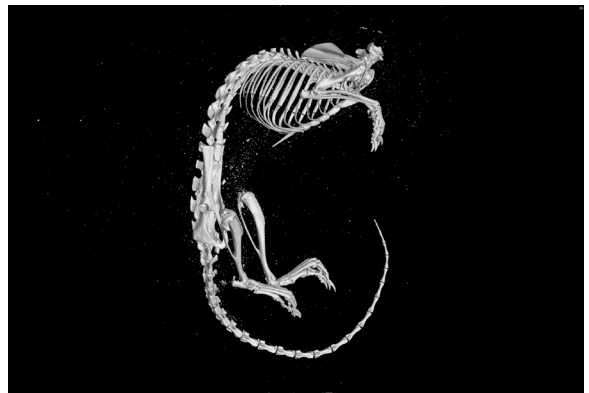
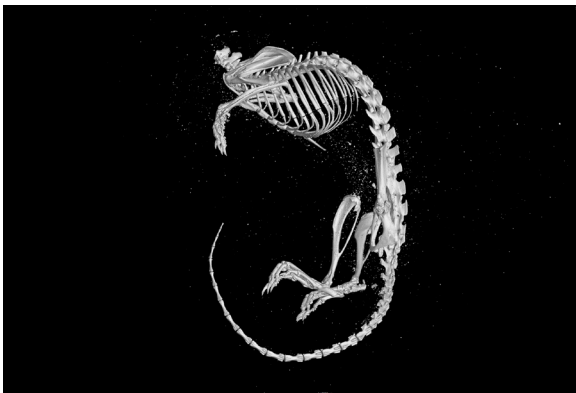
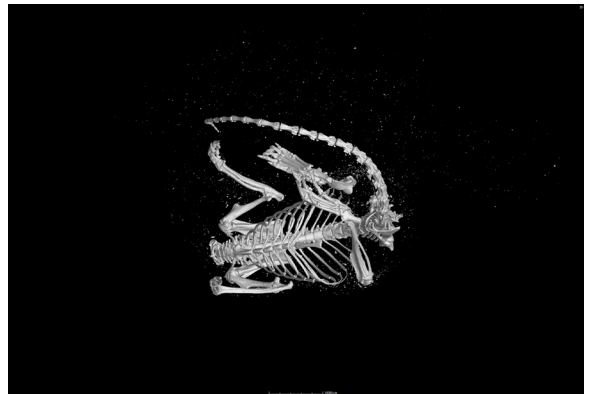
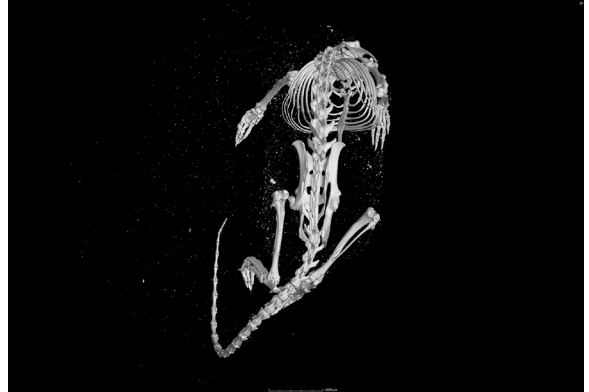
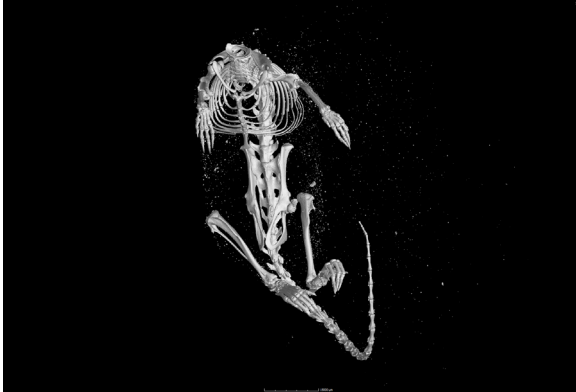
MSB 65563: *Onychomys arenicola*

Body: 55 μ m resolution



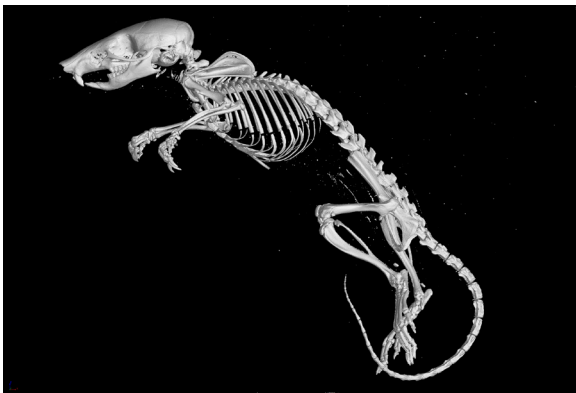
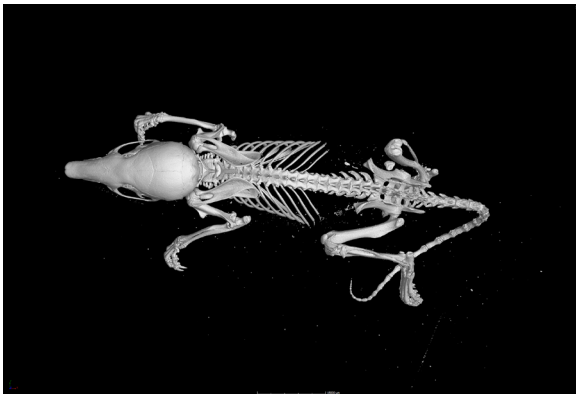
MSB 67361: *Oxymicterus paramensis*

Body: 60 μm resolution



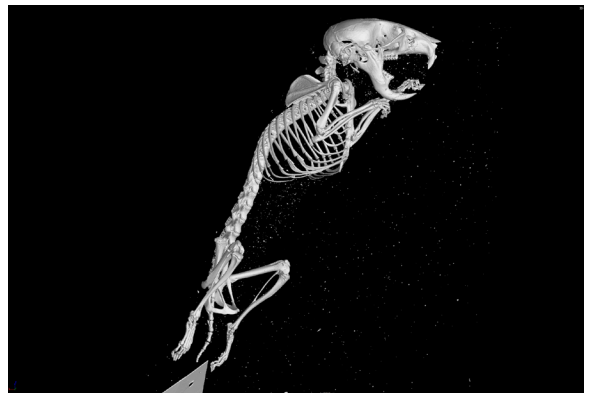
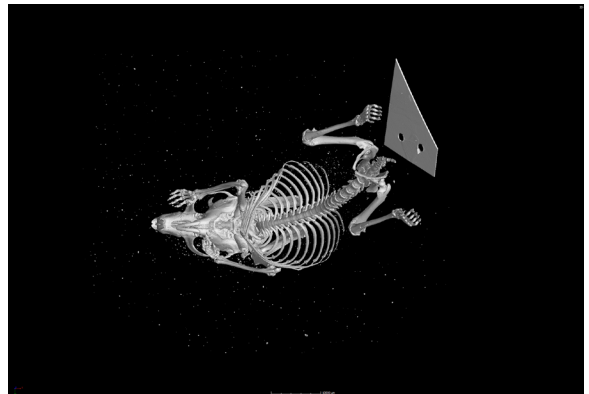
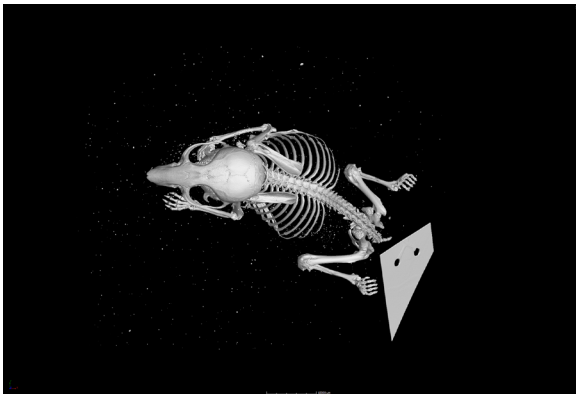
MSB 67398: *Oxymicterus paramensis*

Body: 60 μ m resolution



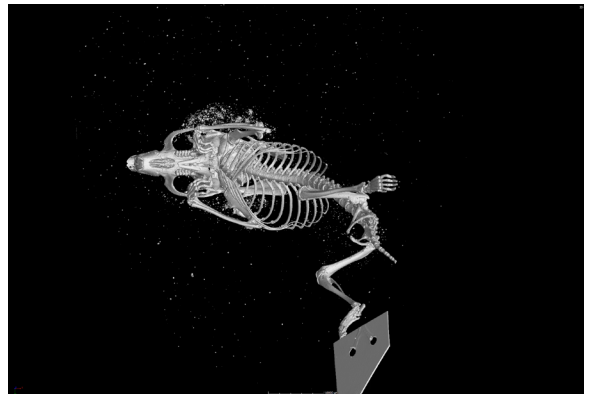
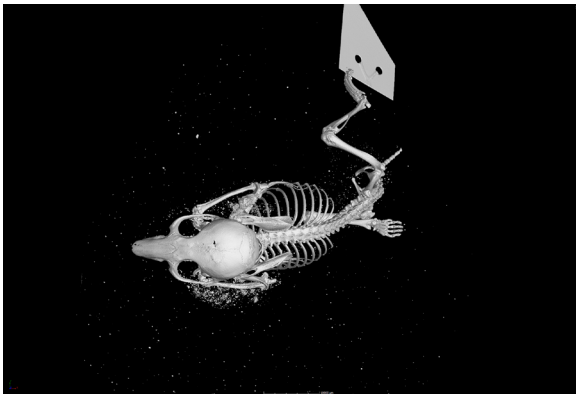
MSB 230754: *Phodopus campbelli*

Body: 50 μ m resolution



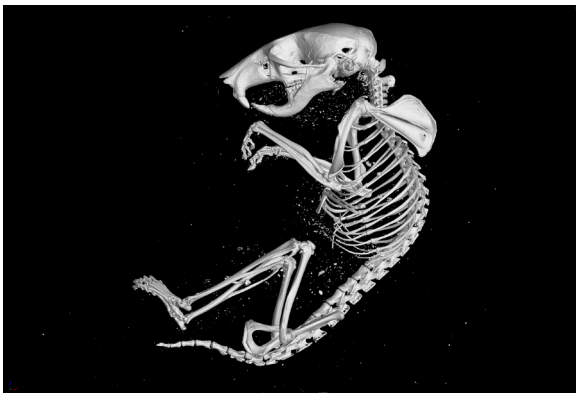
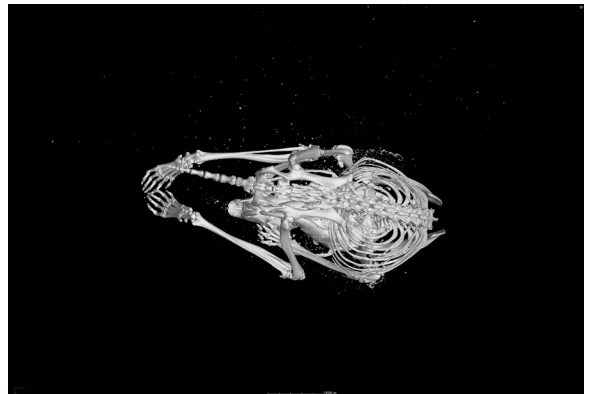
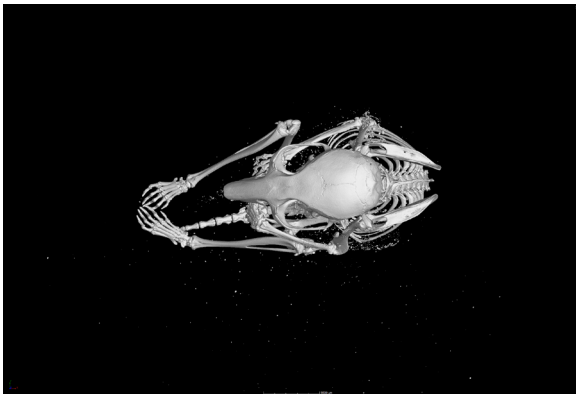
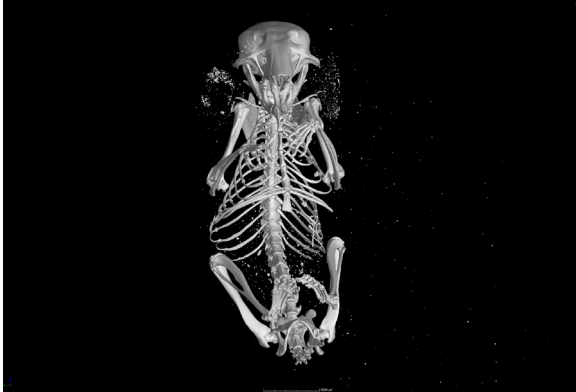
MSB 230779: *Phodopus campbelli*

Body: 50 μ m resolution



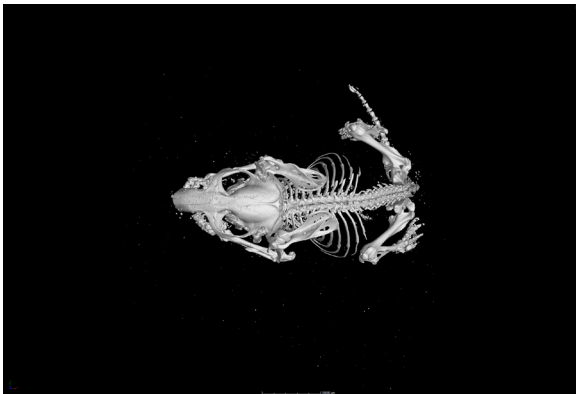
MSB 94268: *Phodopus roborouskii*

Body: 40 μ m resolution



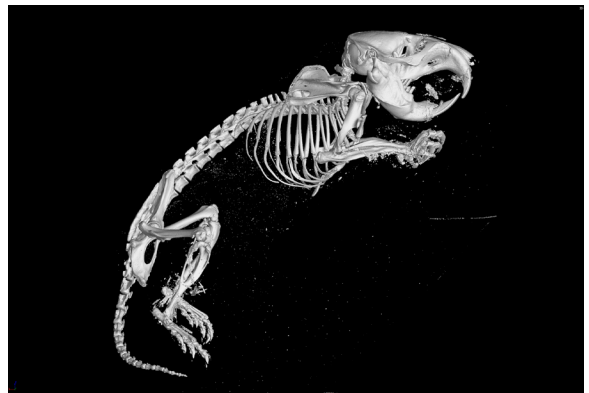
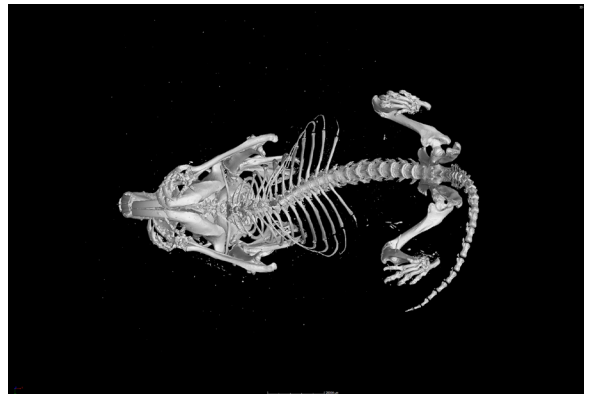
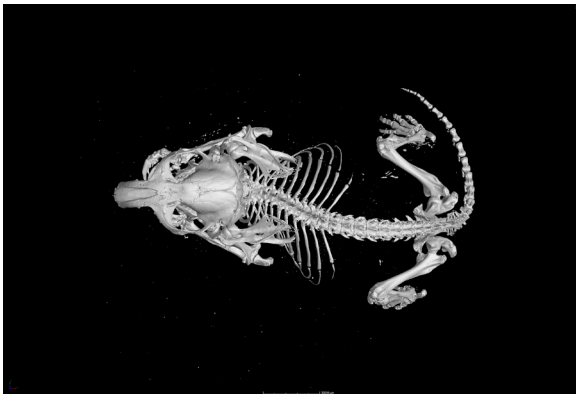
MSB 63804: *Cratogeomys castanops*

Body: 87 μ m resolution



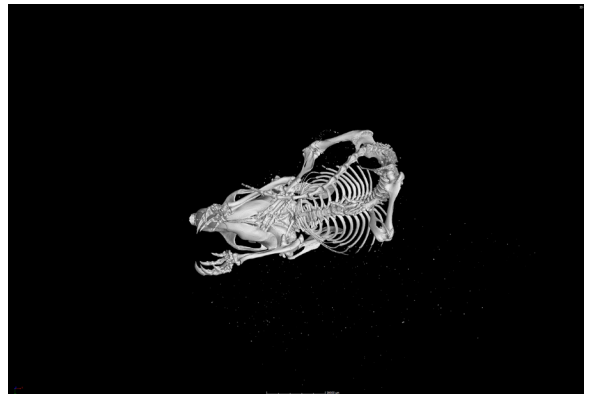
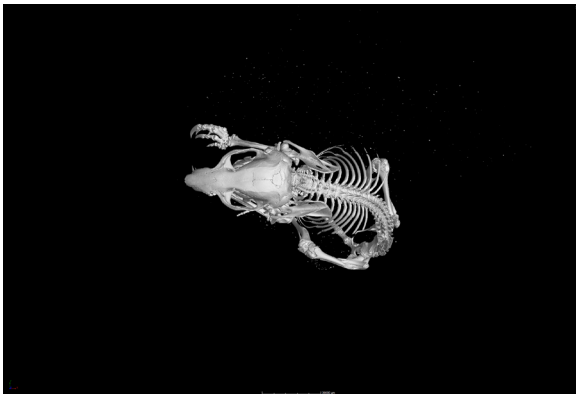
MSB 68575: *Cratogeomys castanops*

Body: 80 μ m resolution



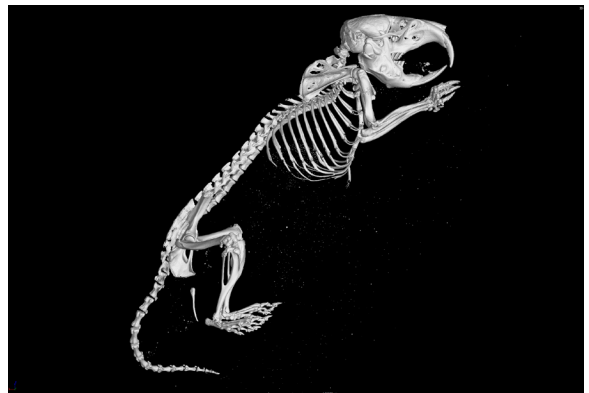
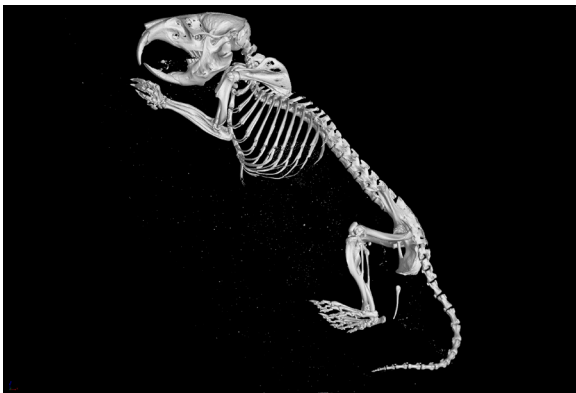
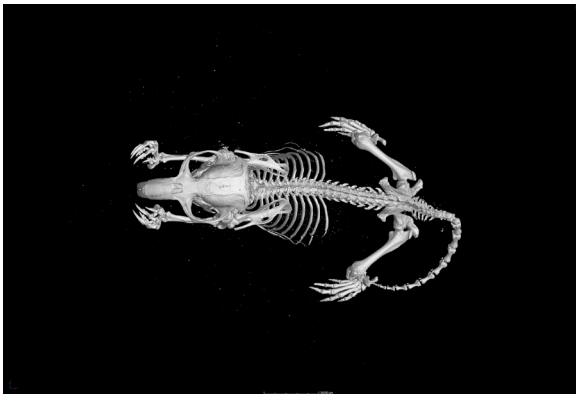
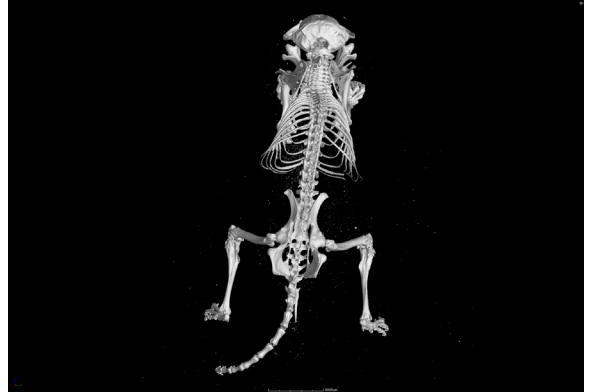
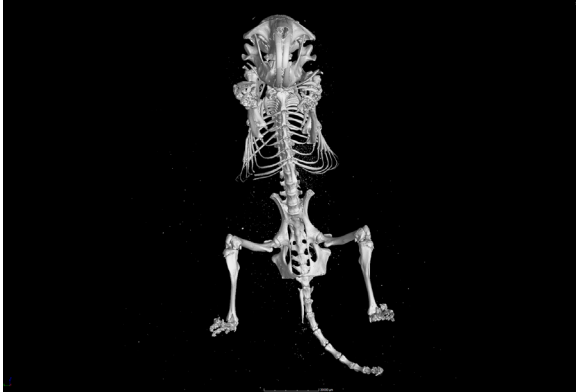
MSB 37944: *Geomys arenarius*

Body: 67 μ m resolution



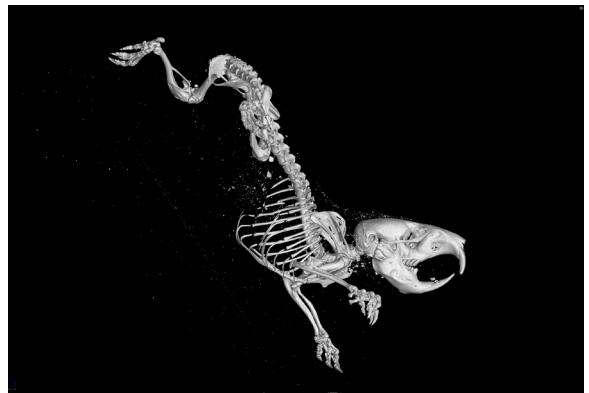
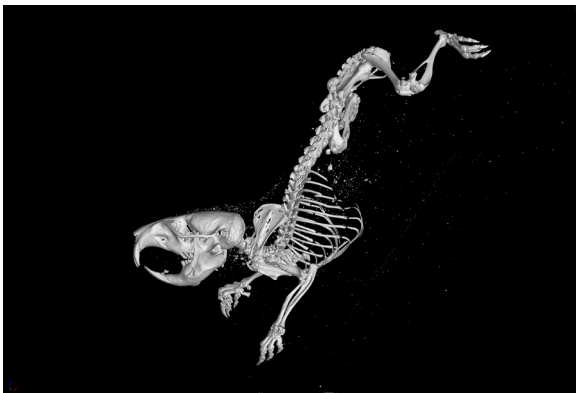
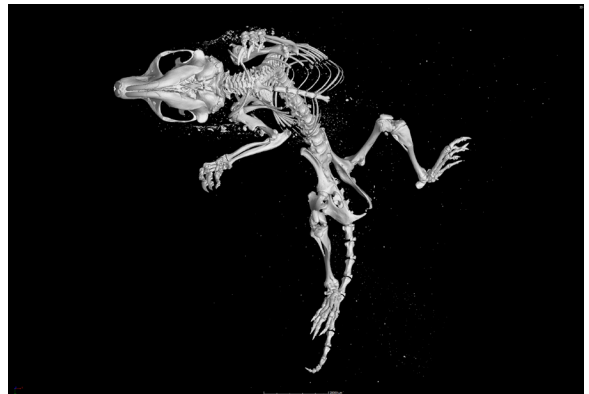
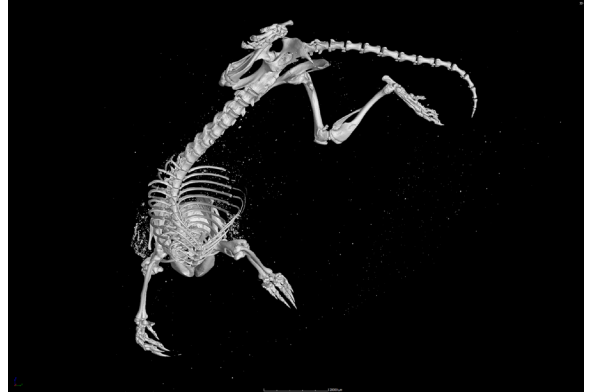
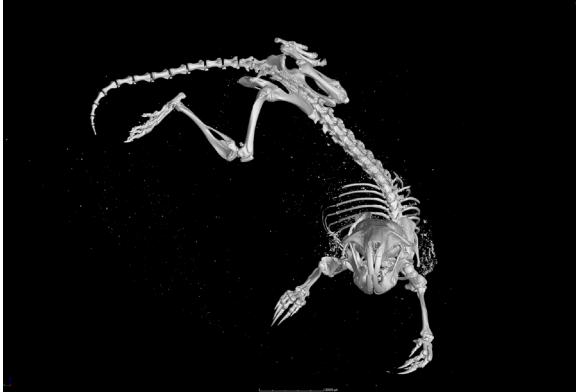
MSB 75479: *Thomomys bottae*

Body: 80 μ m resolution



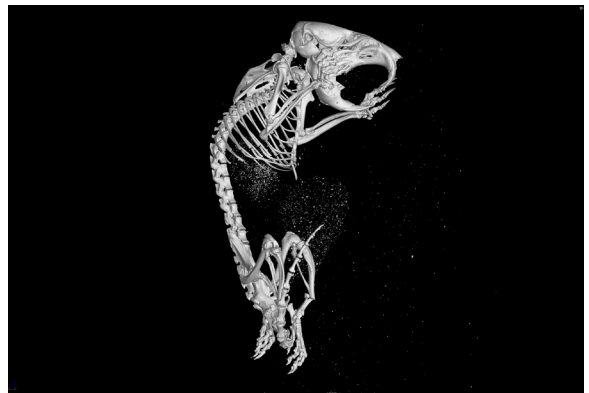
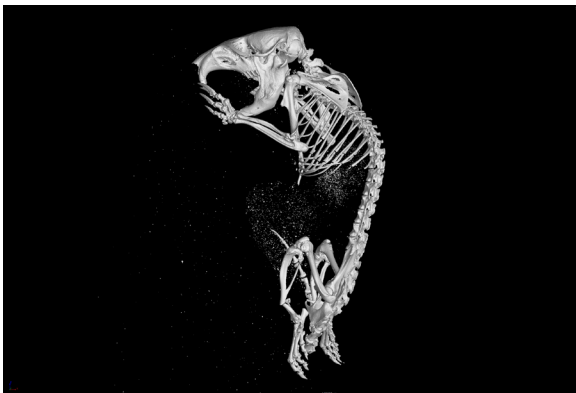
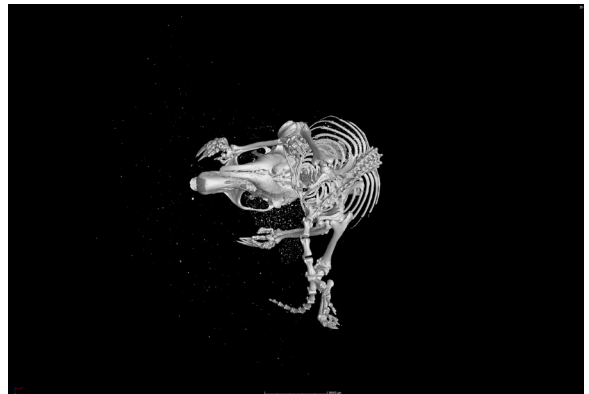
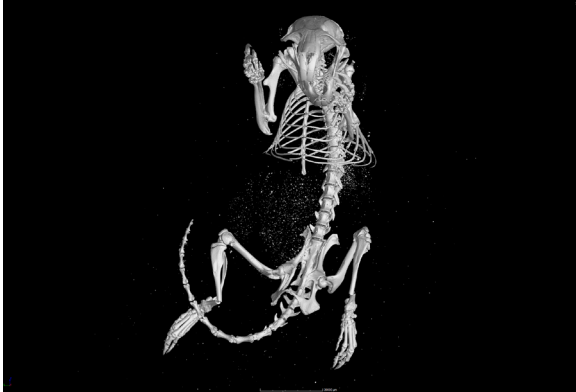
MSB 75480: *Thomomys bottae*

Body: 80 μ m resolution



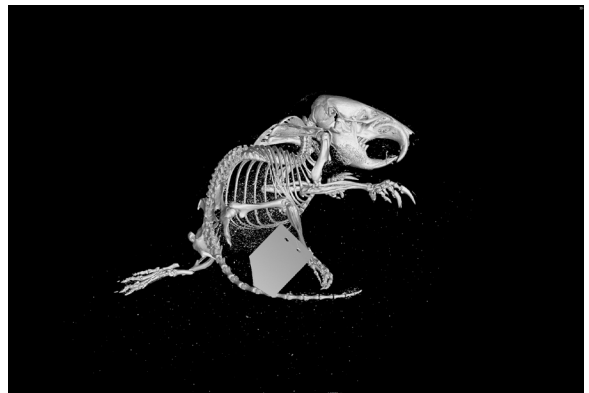
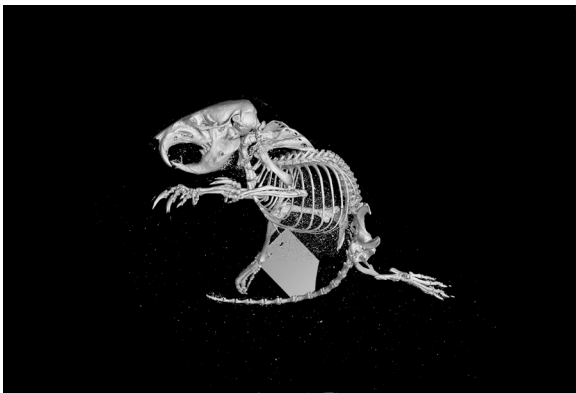
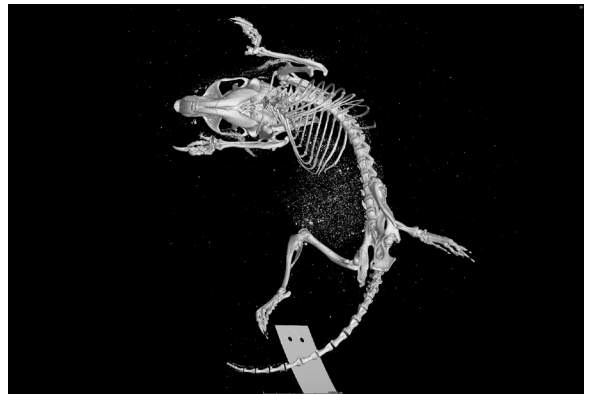
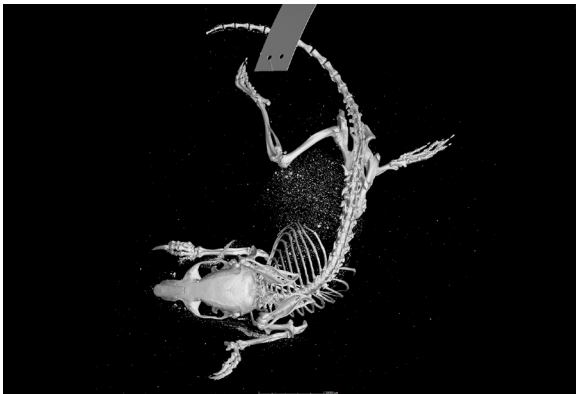
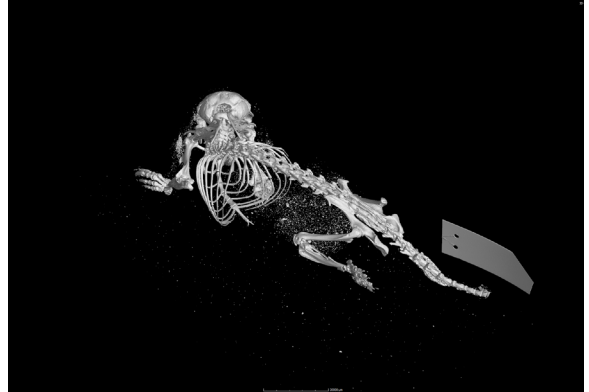
MSB 91047: *Thomomys talpoides*

Body: 70 μ m resolution



MSB 228001: *Thomomys talpoides*

Body: 65 μ m resolution



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