

SANDIA REPORT

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X-Ray CT Scans - Set 6

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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

Contents

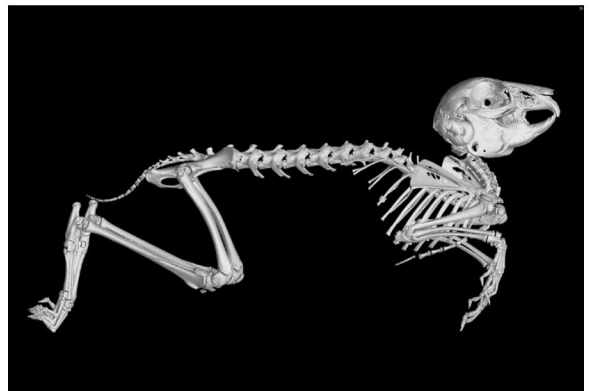
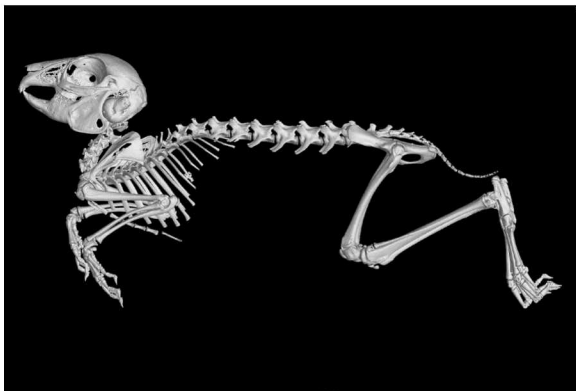
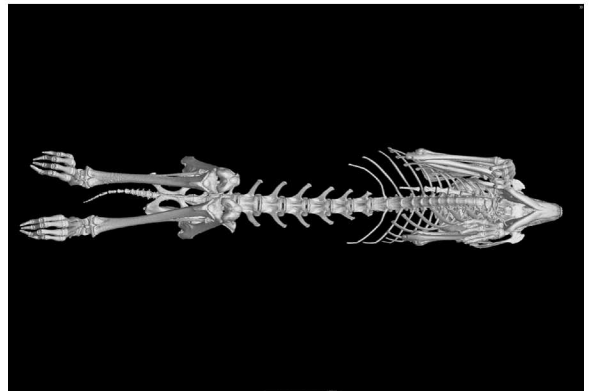
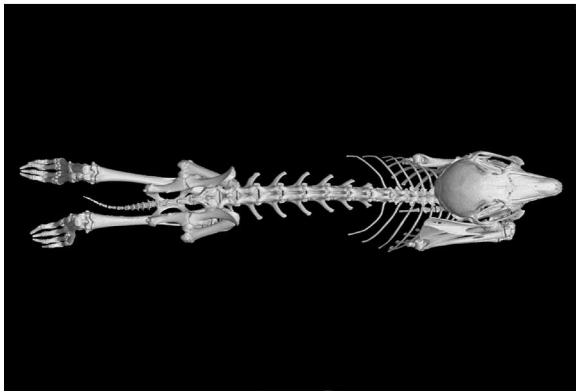
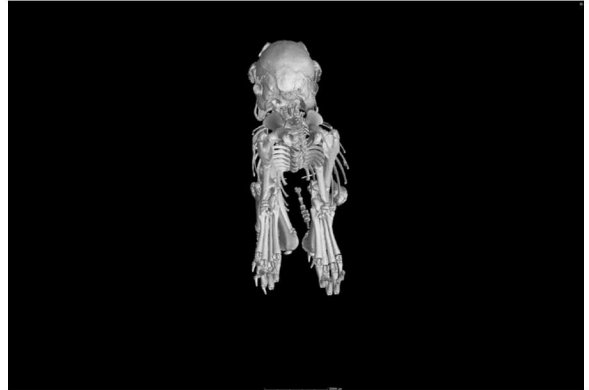
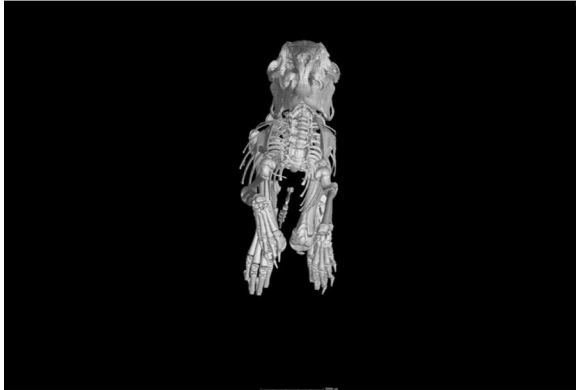
Leporidae	7
<u>Sylvilagus</u>	7
MSB 96290: <i>Sylvilagus audubonii</i>	7
Cricetidae	8
<u>Abrothrix</u>	8
MSB 224596: <i>Abrothrix longipillis</i>	8
MSB 224616: <i>Abrothrix longipillis</i>	9
<u>Auliscomys</u>	10
MSB 132817: <i>Auliscomys boliviensis</i>	10
MSB 132818: <i>Auliscomys boliviensis</i>	11
<u>Chelemys</u>	12
MSB 132818: <i>Chelemys macronyx</i>	12
<u>Chinchillula</u>	13
MSB 75295: <i>Chinchillula sahamae</i>	13
MSB 75296: <i>Chinchillula sahamae</i>	14
<u>Eligmodontia</u>	15
MSB 132819: <i>Eligmodontia hirtipes</i>	15
<u>Melanomys</u>	16
MSB 263511: <i>Melanomys caliginosus</i>	16
MSB 263518: <i>Melanomys caliginosus</i>	17
<u>Sigmodon</u>	18
MSB 88679: <i>Sigmodon fulviventer</i>	18
MSB 81642: <i>Sigmodon hispidus</i>	19
<u>Ctenomys</u>	20
MSB 62072: <i>Ctenomys boliviensis</i>	20
MSB 67423: <i>Ctenomys boliviensis</i>	21
MSB 67413: <i>Ctenomys erikacuellarae</i>	22
MSB 67462: <i>Ctenomys erikacuellarae</i>	23
MSB 57355: <i>Ctenomys opimus</i>	24
MSB 265699: <i>Ctenomys opimus</i>	25
Dasyproctidae	26
MSB 56569: <i>Agouti paca</i>	26
MSB 56570: <i>Agouti paca</i>	27
MSB 56371: <i>Dasyprocta punctata</i>	28
Sciuridae	29
<u>Sciurus</u>	29
MSB 327684: <i>Sciurus granatensis</i>	29
<u>Spermophilus</u>	30
MSB 227133: <i>Spermophilus pallidicauda</i>	30
MSB 227380: <i>Spermophilus pallidicauda</i>	31
<u>Tamiasciurus</u>	32
MSB 231296: <i>Tamiasciurus hudsonicus</i>	32
MSB 231310: <i>Tamiasciurus hudsonicus</i>	33
<u>Urocitellus</u>	34
MSB 291909: <i>Urocitellus mollis</i>	34
MSB 291992: <i>Urocitellus mollis</i>	35
MSB 227185: <i>Urocitellus undulatus</i>	36
MSB 230795: <i>Urocitellus undulatus</i>	37

Numerical Index

MSB 56371: <i>Dasyprocta punctata</i>	28
MSB 56569: <i>Agouti paca</i>	26
MSB 56570: <i>Agouti paca</i>	27
MSB 57355: <i>Ctenomys opimus</i>	24
MSB 62072: <i>Ctenomys boliviensis</i>	20
MSB 67413: <i>Ctenomys erikacuellarae</i>	22
MSB 67423: <i>Ctenomys boliviensis</i>	21
MSB 67462: <i>Ctenomys erikacuellarae</i>	23
MSB 75295: <i>Chinchillula sahamae</i>	13
MSB 75296: <i>Chinchillula sahamae</i>	14
MSB 81642: <i>Sigmodon hispidus</i>	19
MSB 88679: <i>Sigmodon fulviventer</i>	18
MSB 96290: <i>Sylvilagus audubonii</i>	7
MSB 132817: <i>Auliscomys boliviensis</i>	10
MSB 132818: <i>Auliscomys boliviensis</i>	11
MSB 132818: <i>Chelemys macronyx</i>	12
MSB 132819: <i>Eligmodontia hirtipes</i>	15
MSB 224596: <i>Abrothrix longipillis</i>	8
MSB 224616: <i>Abrothrix longipillis</i>	9
MSB 227133: <i>Spermophilus pallidicauda</i>	30
MSB 227185: <i>Urocitellus undulatus</i>	36
MSB 227380: <i>Spermophilus pallidicauda</i>	31
MSB 230795: <i>Urocitellus undulatus</i>	37
MSB 231296: <i>Tamiasciurus hudsonicus</i>	32
MSB 231310: <i>Tamiasciurus hudsonicus</i>	33
MSB 263511: <i>Melanomys caliginosus</i>	16
MSB 263518: <i>Melanomys caliginosus</i>	17
MSB 265699: <i>Ctenomys opimus</i>	25
MSB 291909: <i>Urocitellus mollis</i>	34
MSB 291992: <i>Urocitellus mollis</i>	35
MSB 327684: <i>Sciurus granatensis</i>	29

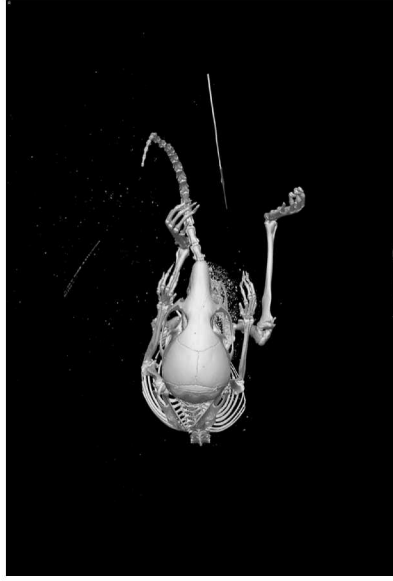
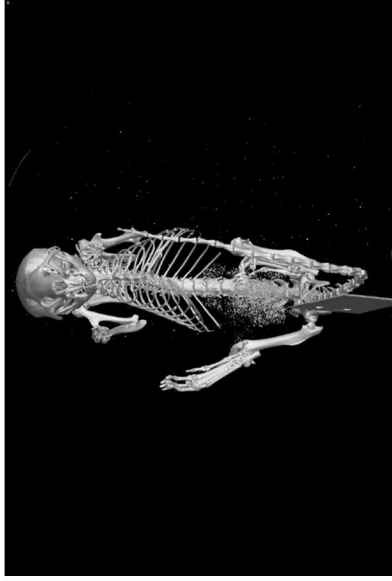
MSB 96290: *Sylvilagus audubonii*

Body: 110 μ m resolution



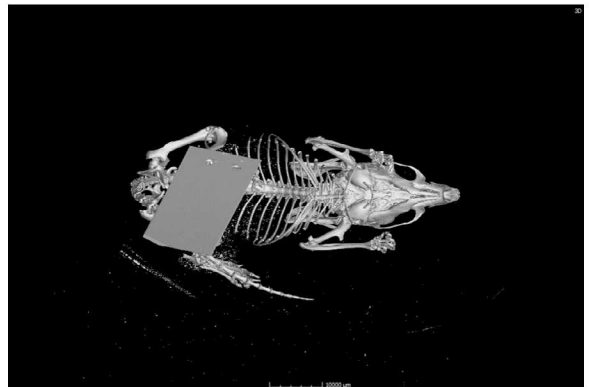
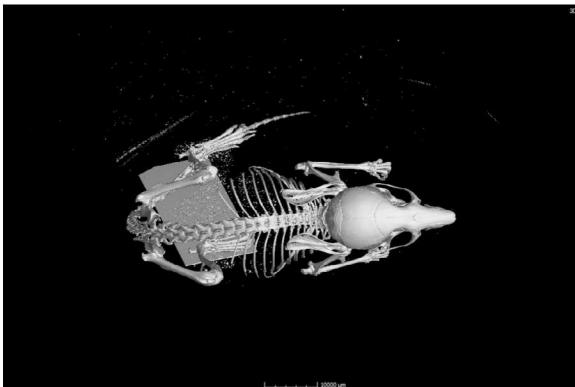
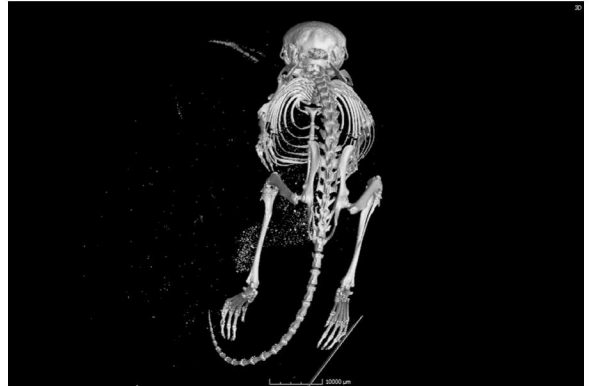
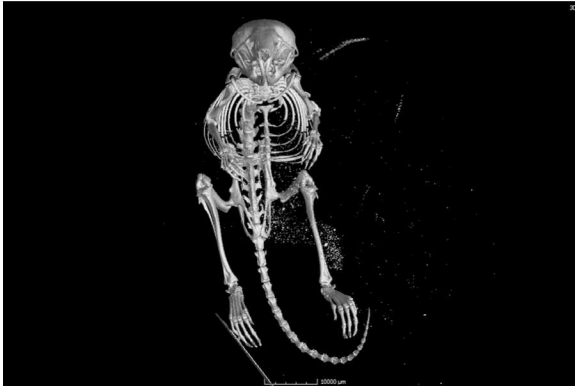
MSB 224596: *Abrothrix longipellis*

Body: 50 μ m resolution



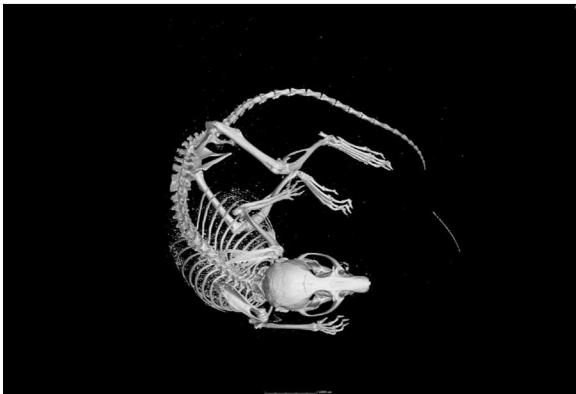
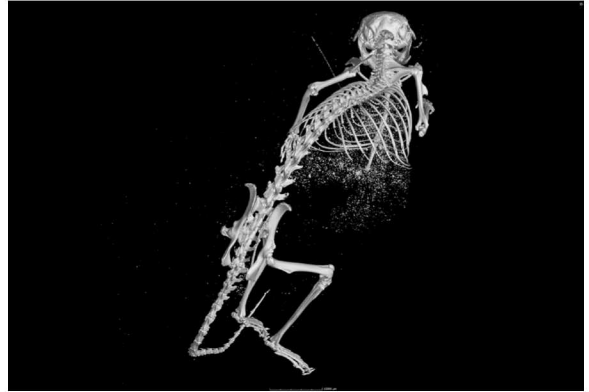
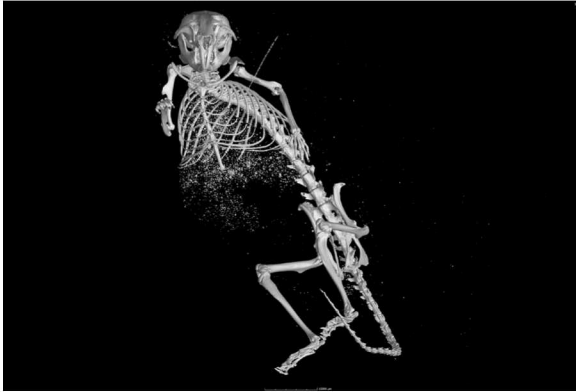
MSB 224616: *Abrothrix longipillis*

Body: 50 μ m resolution



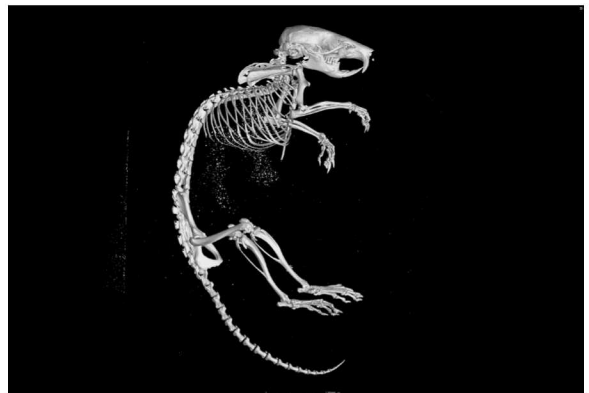
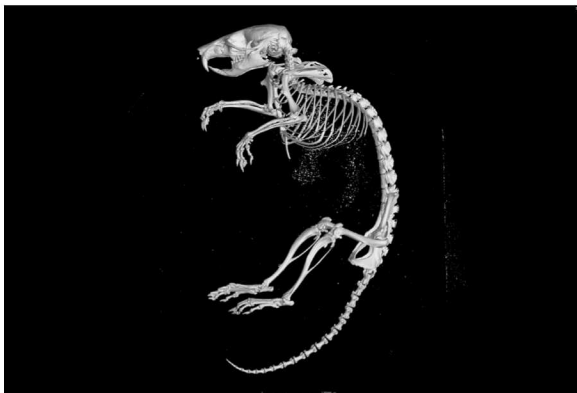
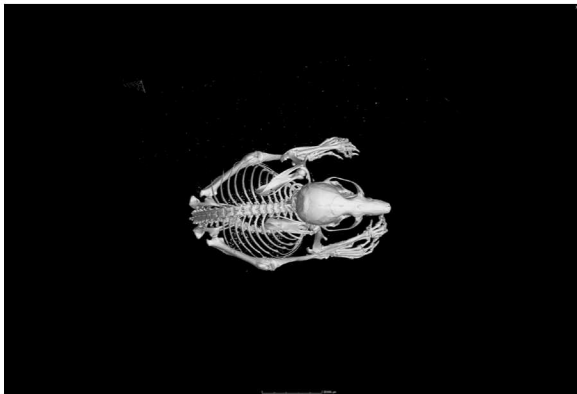
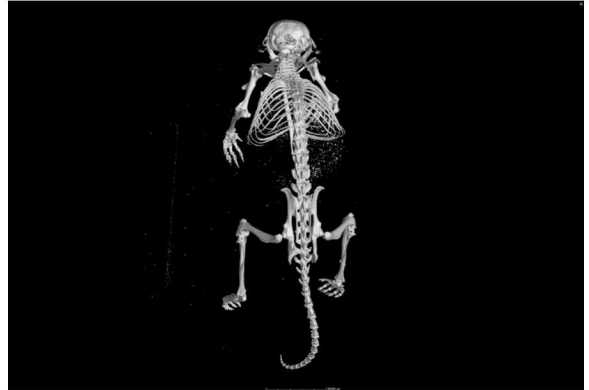
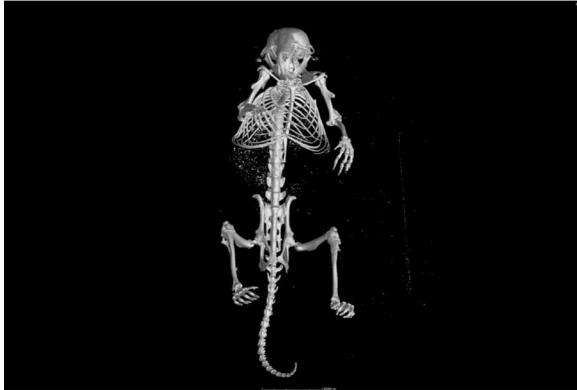
MSB 132817: *Auliscomys boliviensis*

Body: 70 μ m resolution



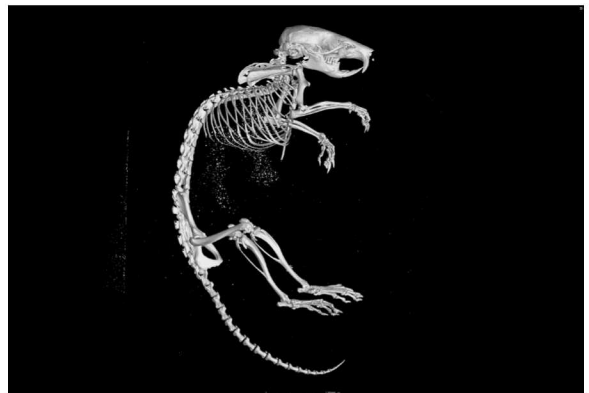
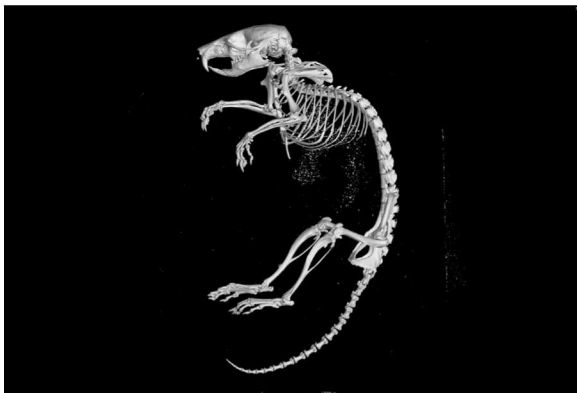
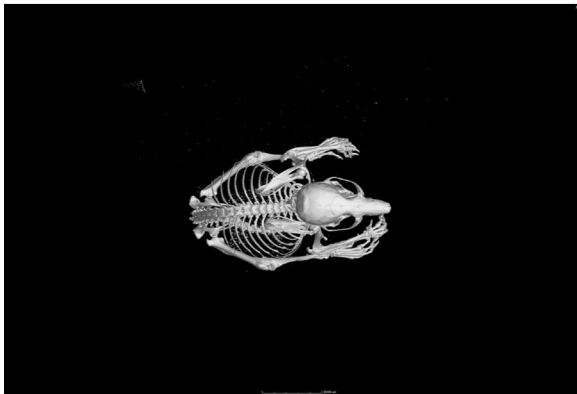
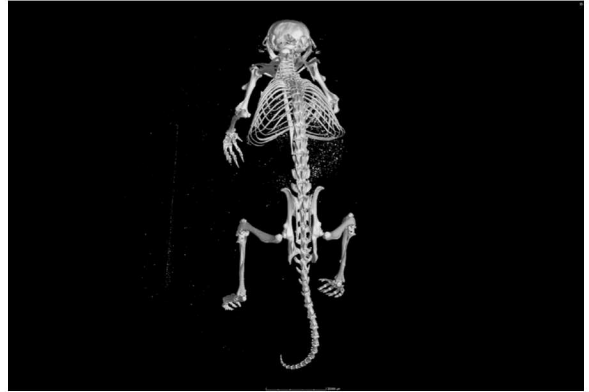
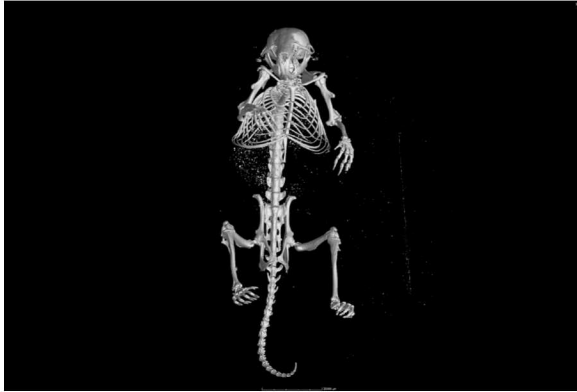
MSB 132818: *Auliscomys boliviensis*

Body: 65 μ m resolution



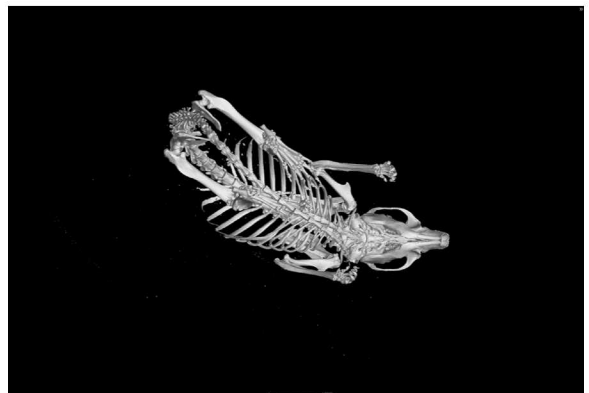
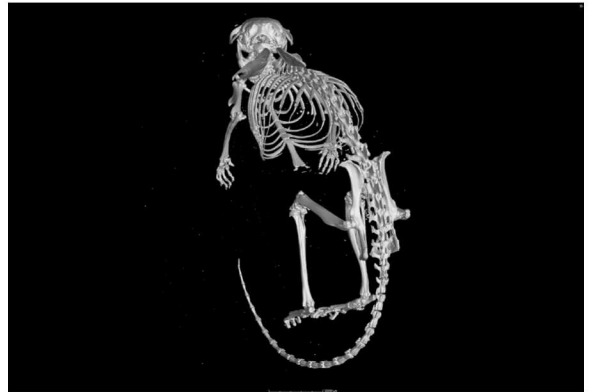
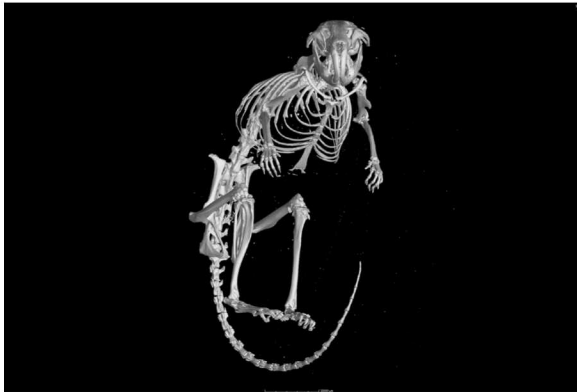
MSB 132818: *Chelemys macronyx*

Body: 65 μ m resolution



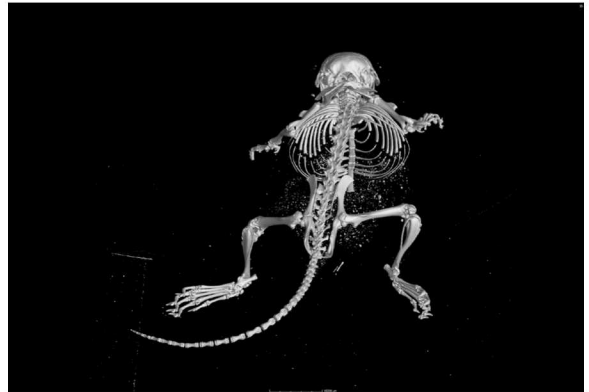
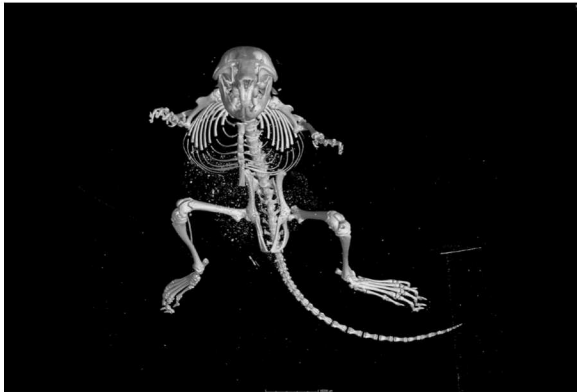
MSB 75295: *Chinchillula sahamae*

Body: 85 μ m resolution



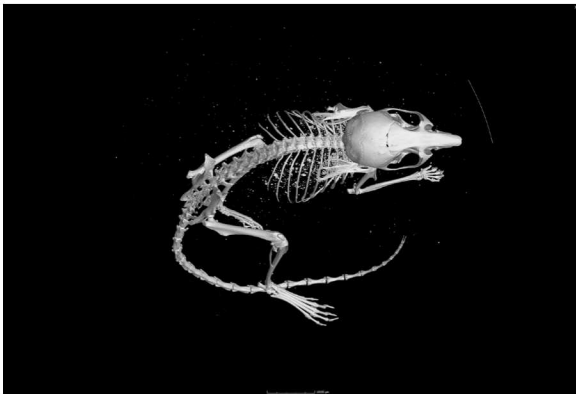
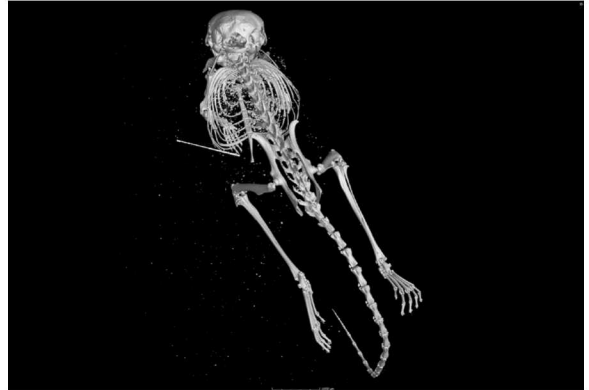
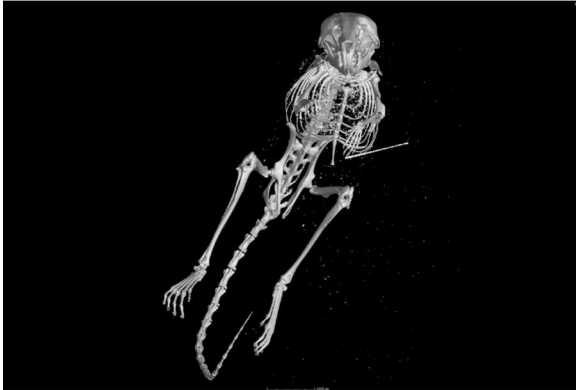
MSB 75296: *Chinchillula sahamae*

Body: 85 μ m resolution



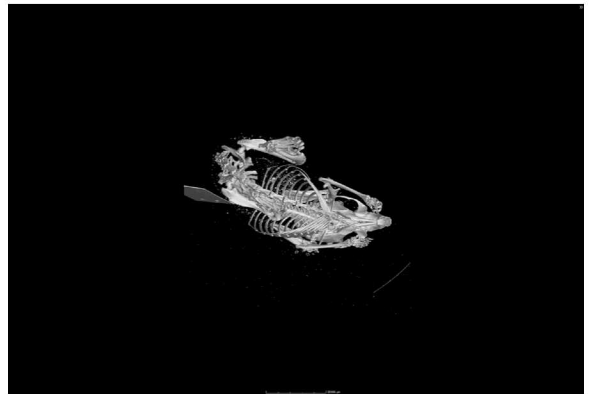
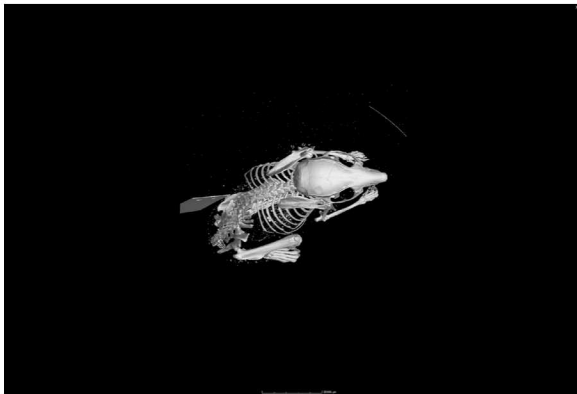
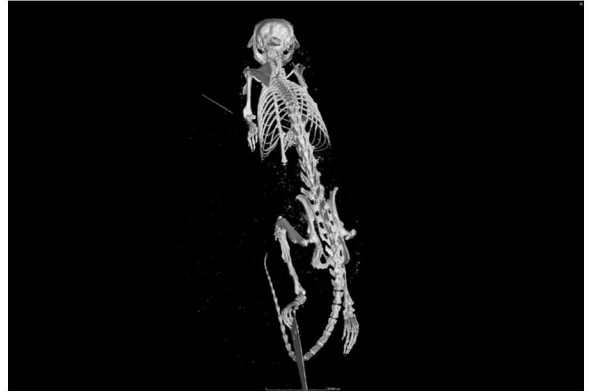
MSB 132819: *Eligmodontia hirtipes*

Body: 55 μ m resolution



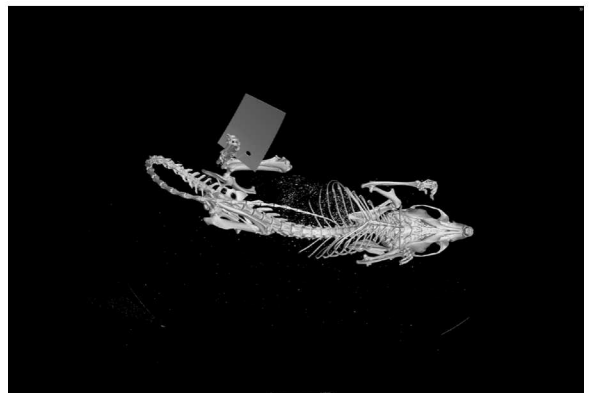
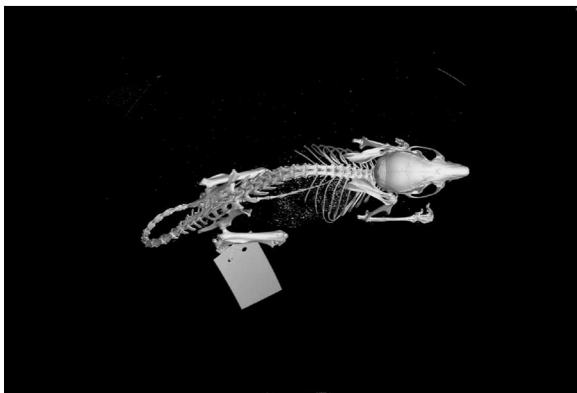
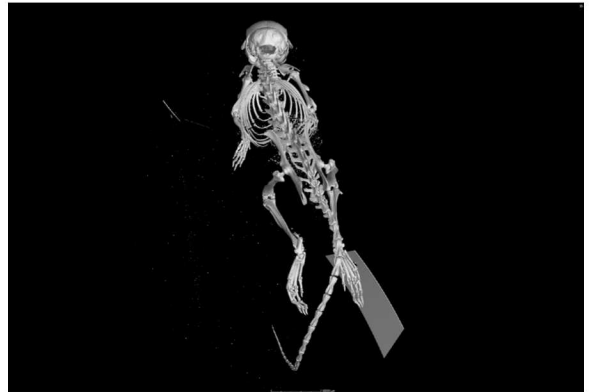
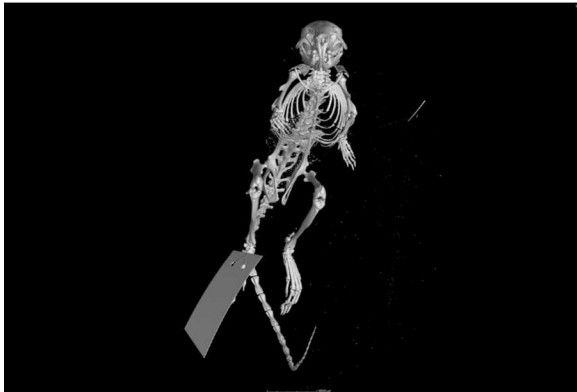
MSB 263511: *Melanomys caliginosus*

Body: 65 μ m resolution



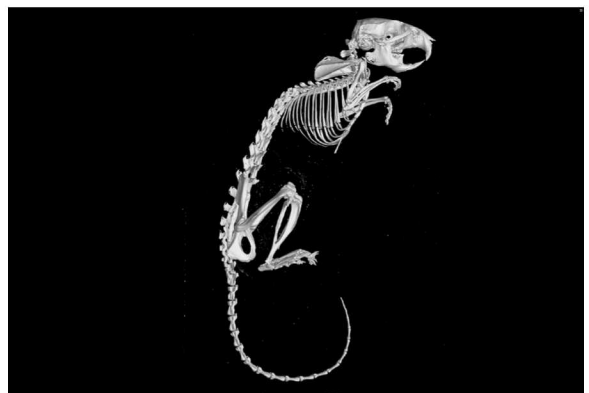
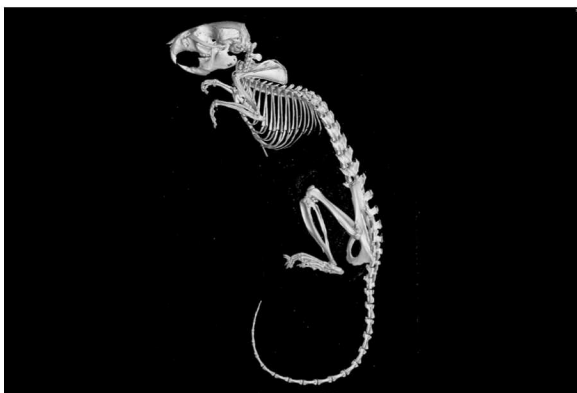
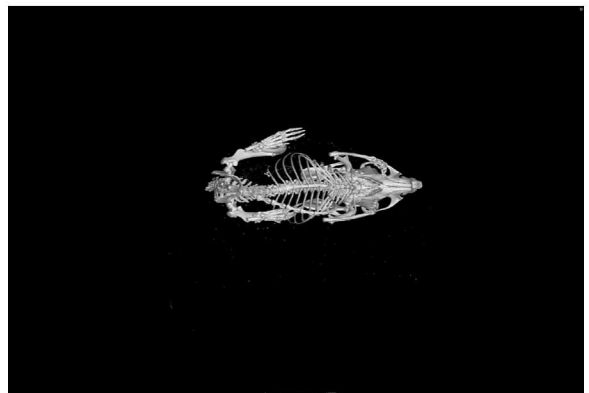
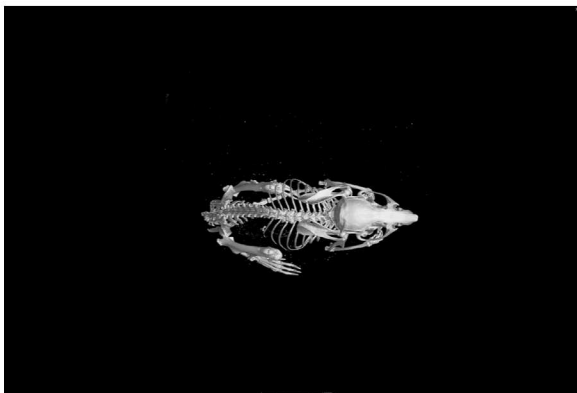
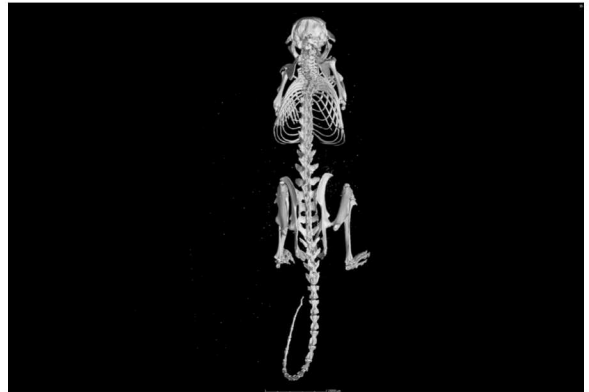
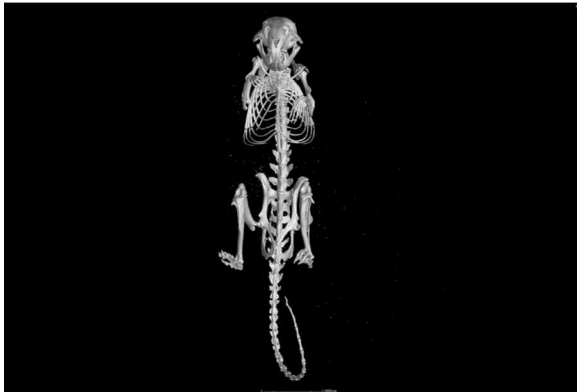
MSB 263518: *Melanomys caliginosus*

Body: 65 μ m resolution



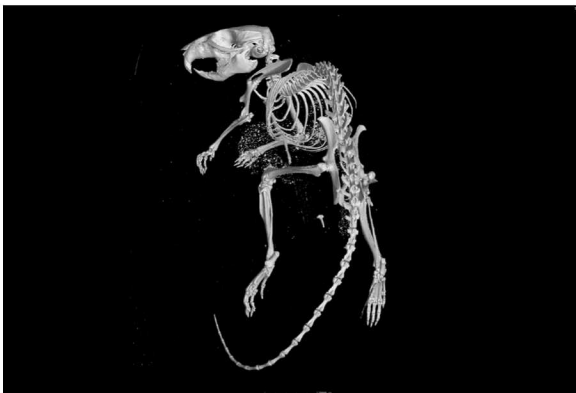
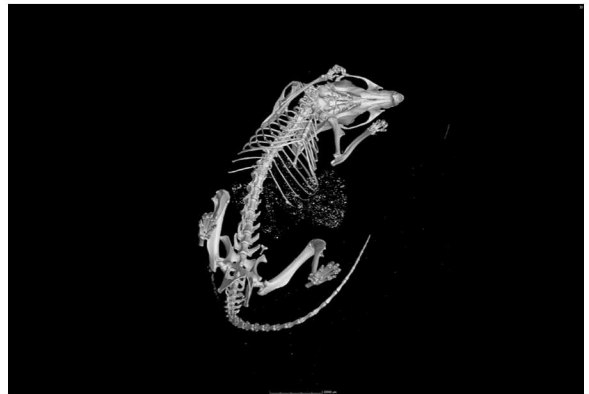
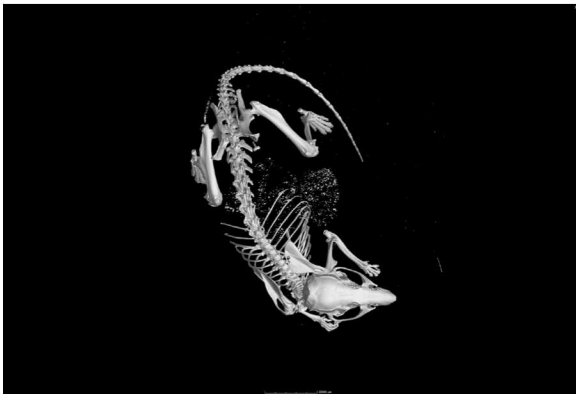
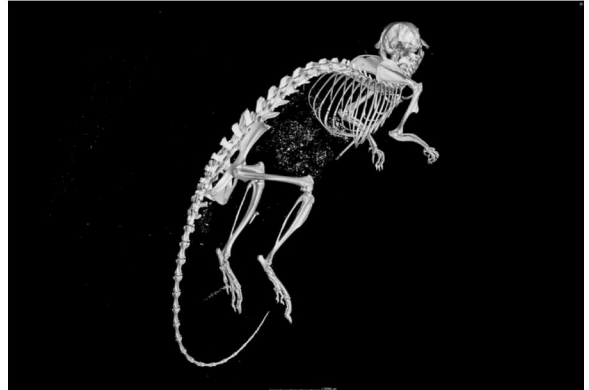
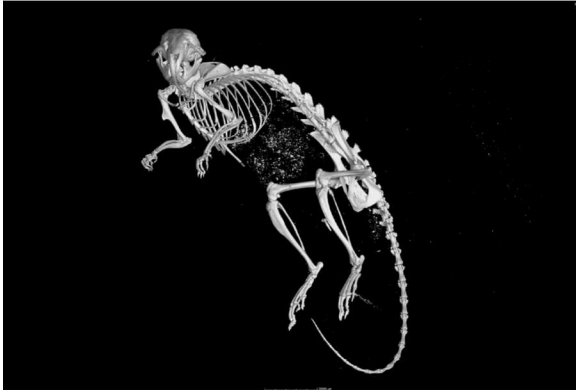
MSB 88679: *Sigmodon fulviventer*

Body: 85 μ m resolution



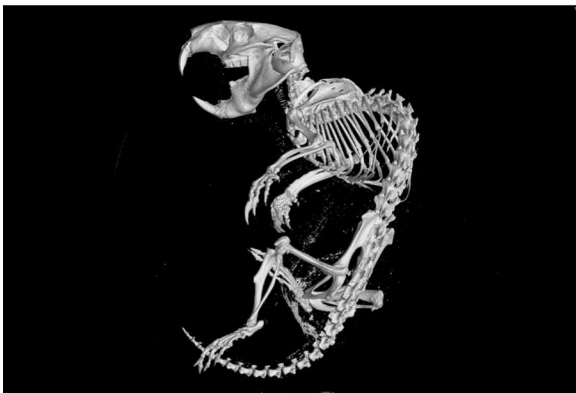
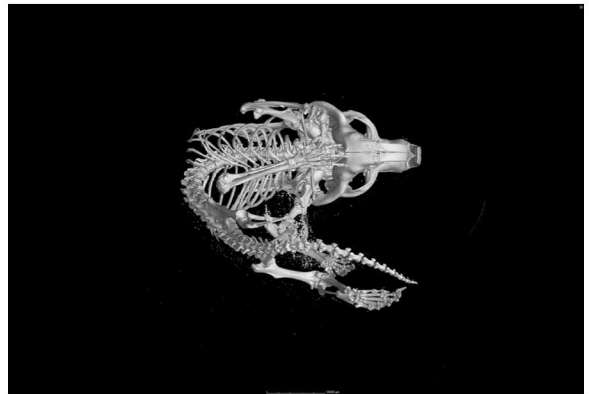
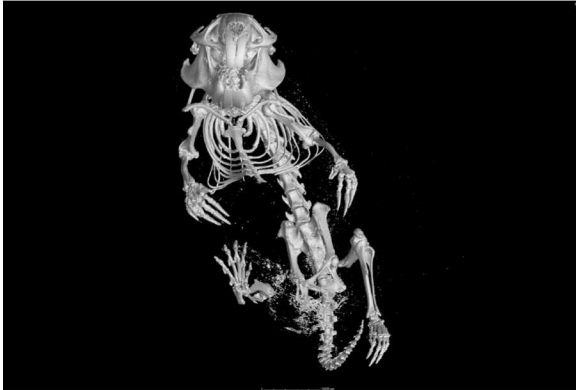
MSB 81642: *Sigmodon hispidus*

Body: 85 μ m resolution



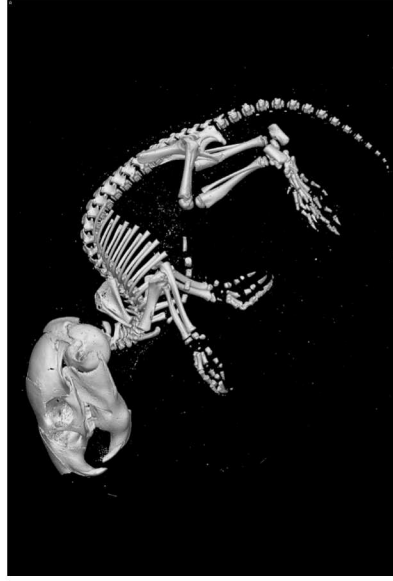
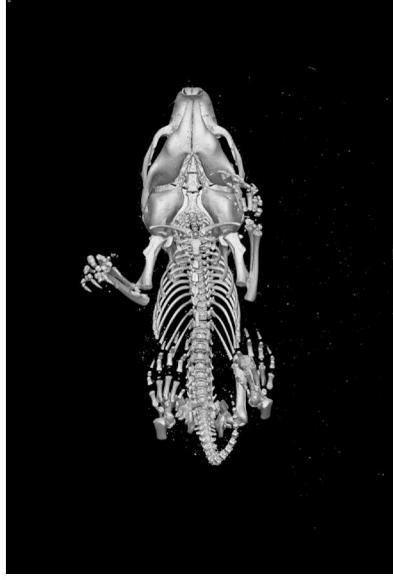
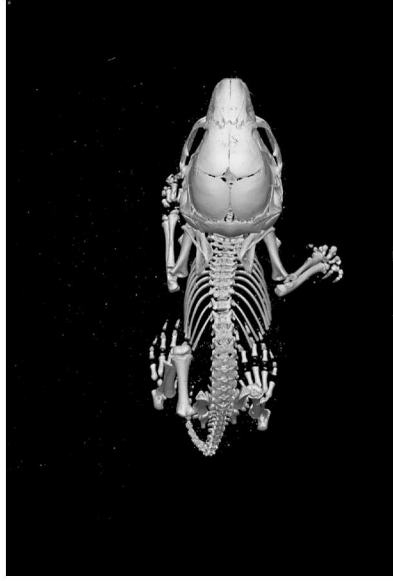
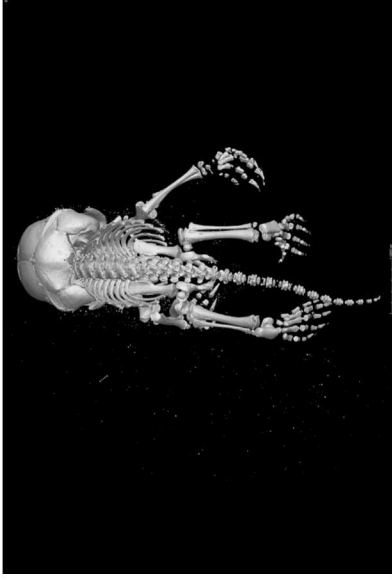
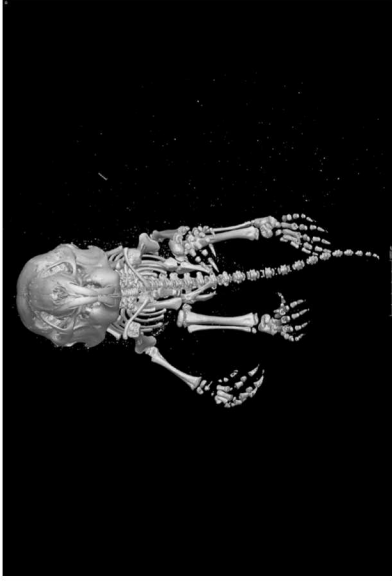
MSB 62072: *Ctenomys boliviensis*

Body: 90 μ m resolution



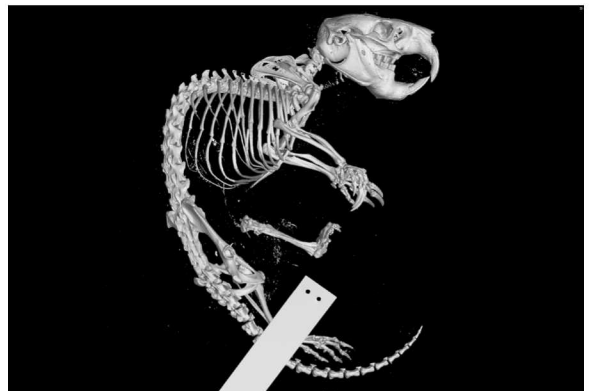
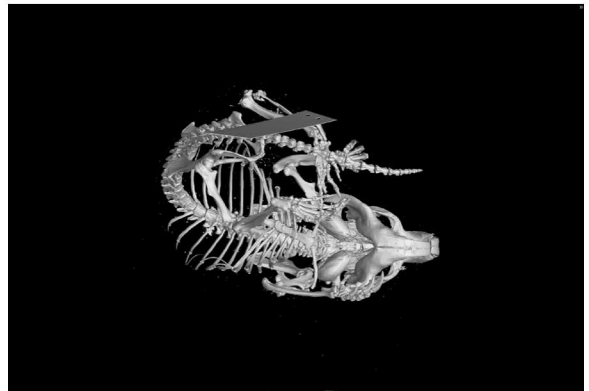
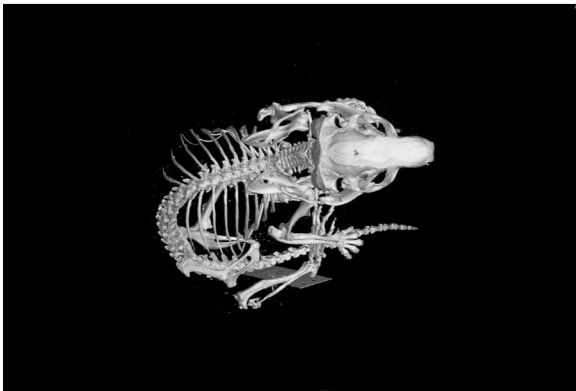
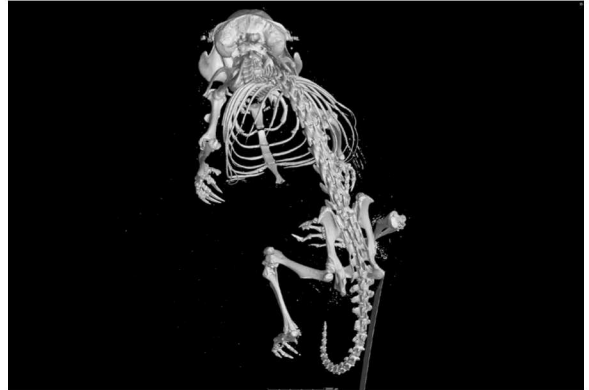
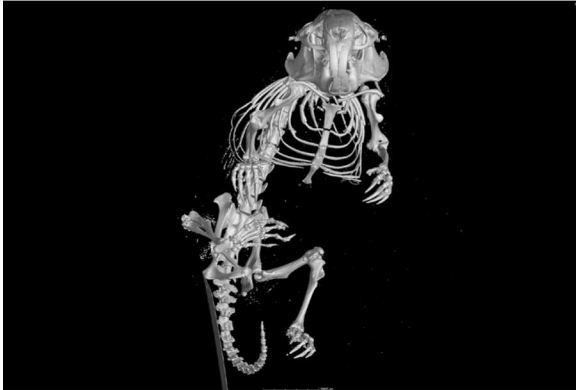
MSB 67423: *Ctenomys boliviensis*

Body: 50 μ m resolution



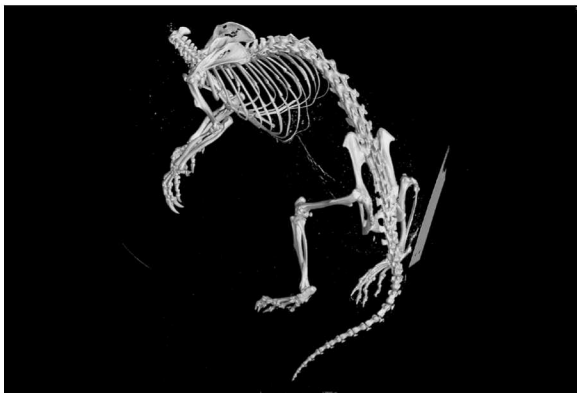
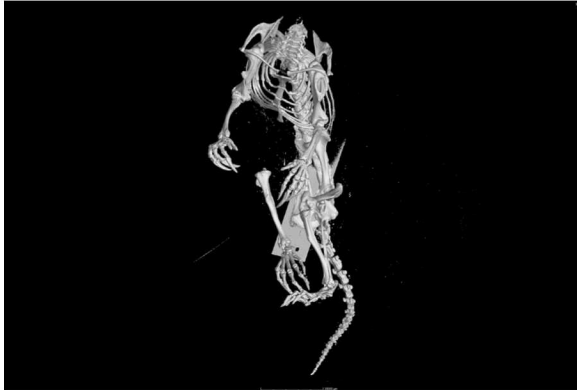
MSB 67413: *Ctenomys erikacuellarae*

Body: 80 μ m resolution



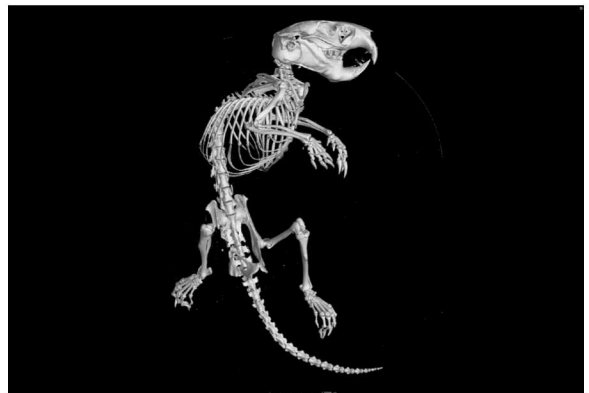
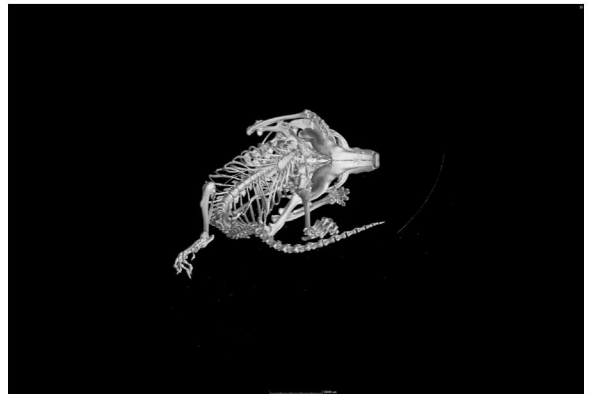
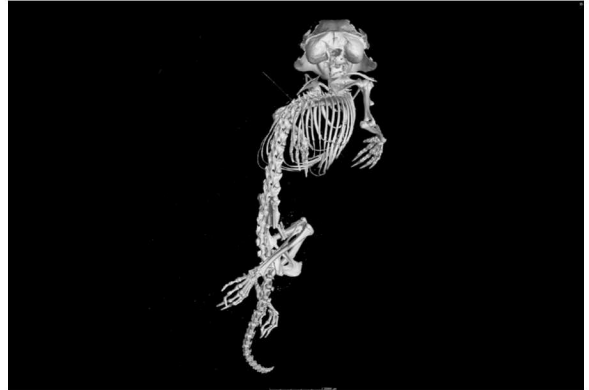
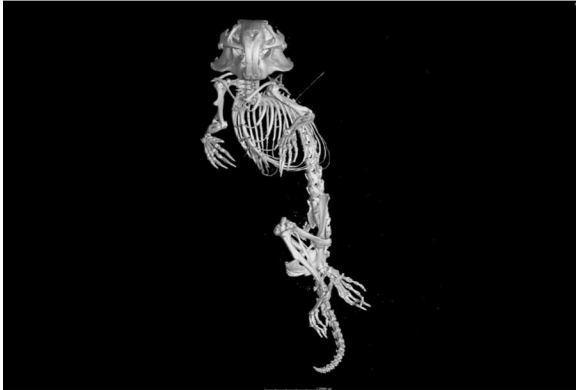
MSB 67462: *Ctenomys erikacuellarae*

Body: 80 μ m resolution



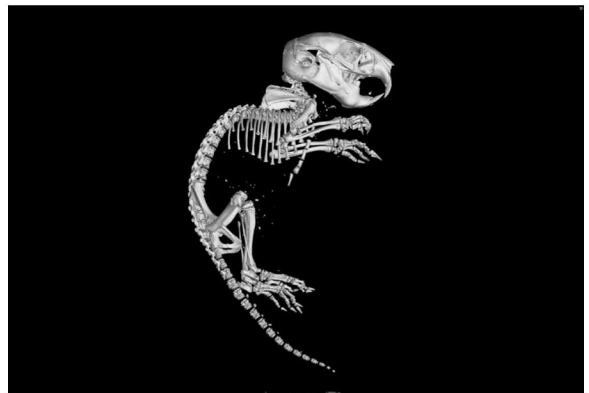
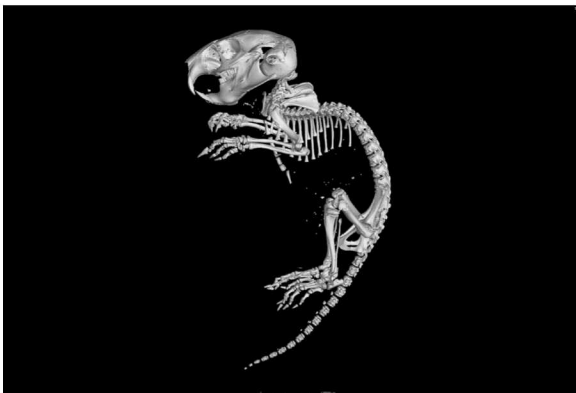
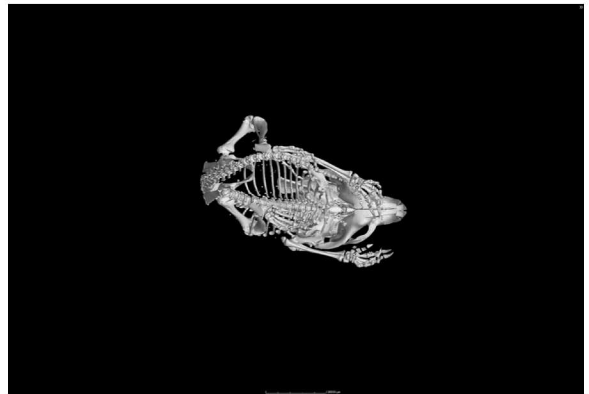
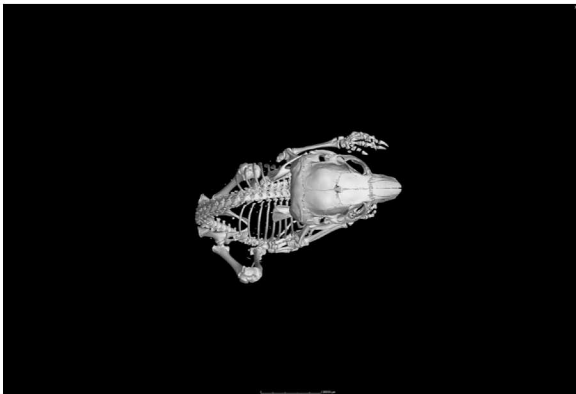
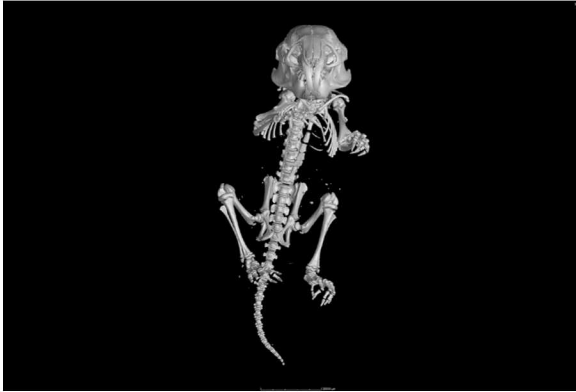
MSB 57355: *Ctenomys opimus*

Body: 95 μ m resolution



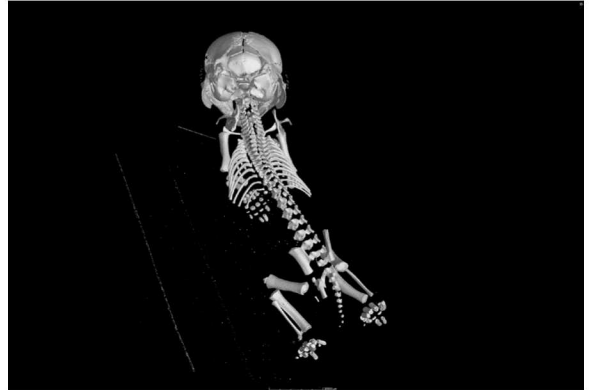
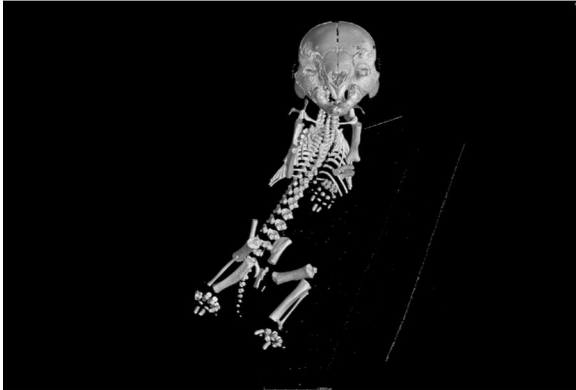
MSB 265699: *Ctenomys opimus*

Body: 65 μ m resolution



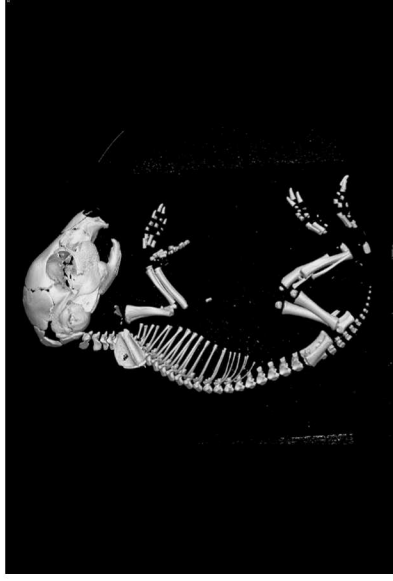
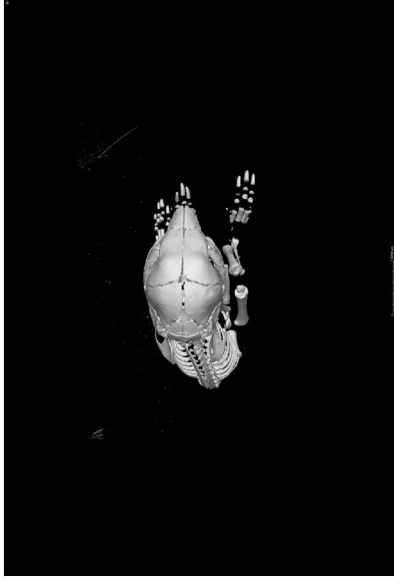
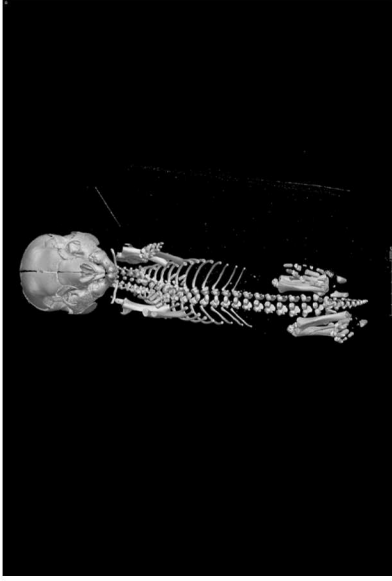
MSB 56569: *Agouti paca*

Body: 85 μ m resolution



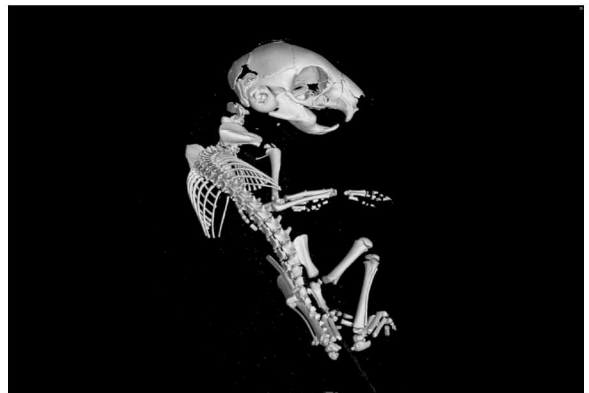
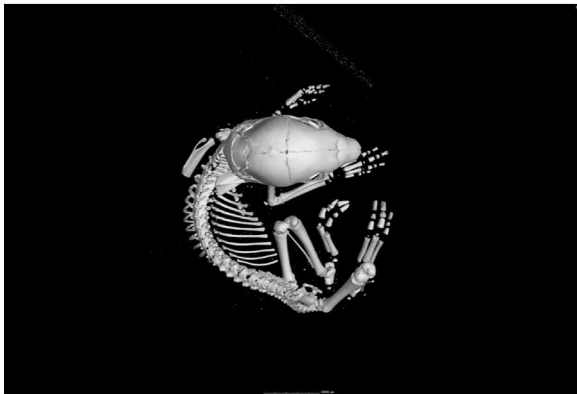
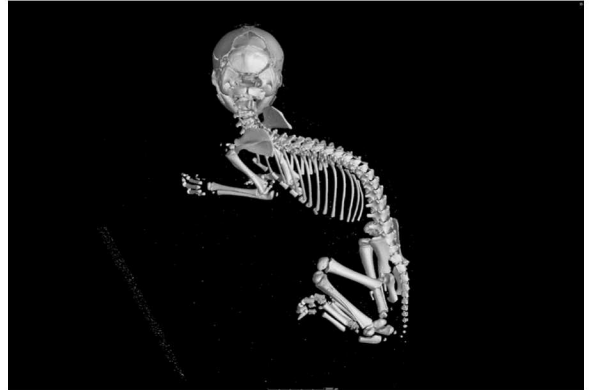
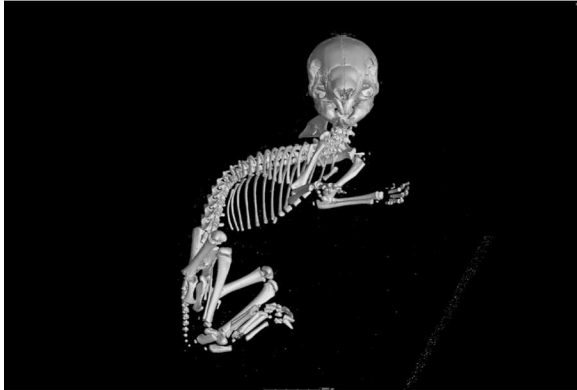
MSB 56570: *Agouti paca*

Body: 85 μ m resolution



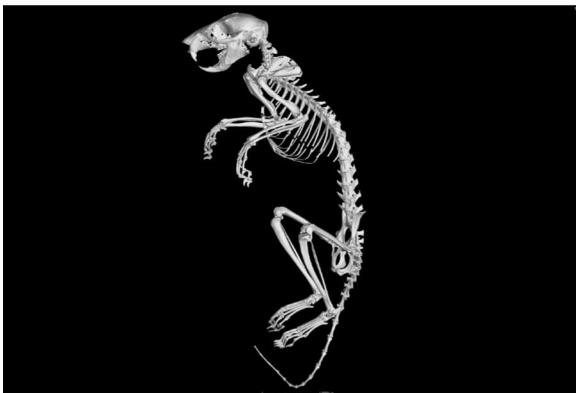
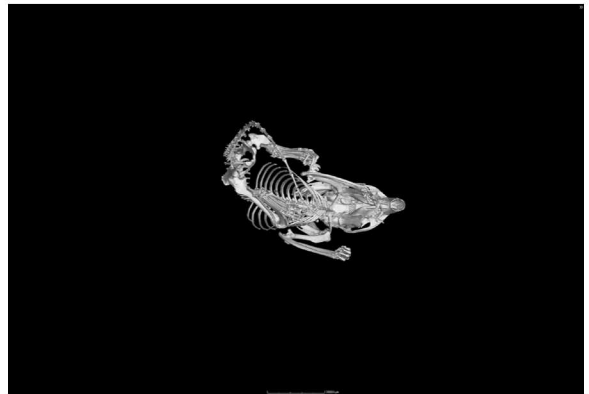
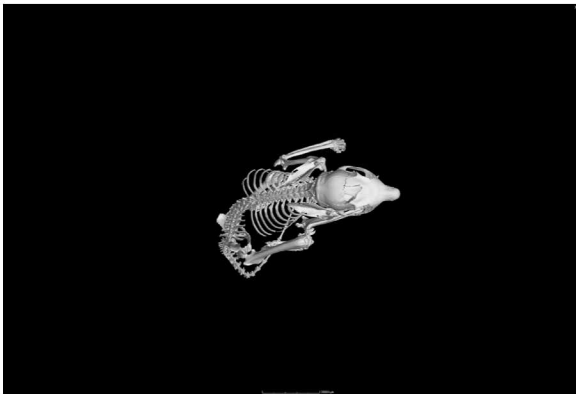
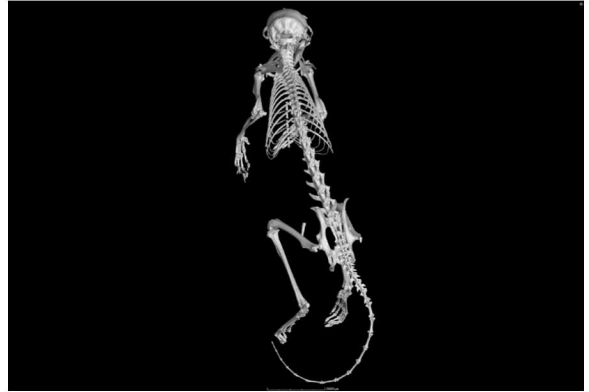
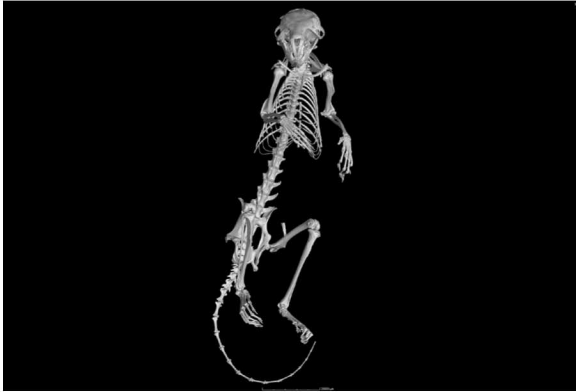
MSB 56371: *Dasyprocta punctata*

Body: 75 μ m resolution



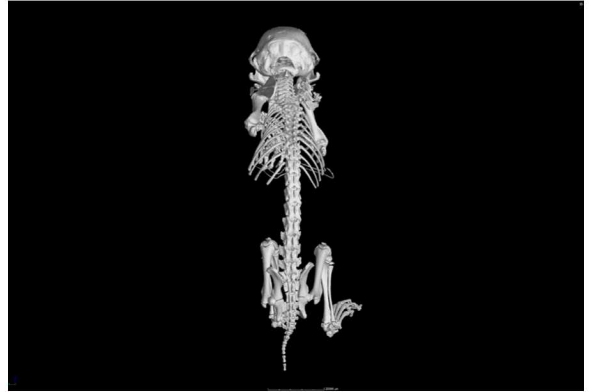
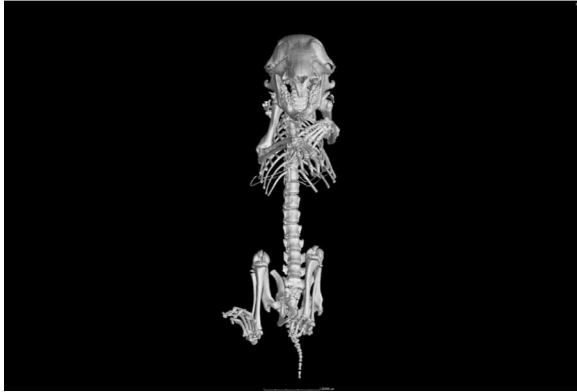
MSB 327684: *Sciurus granatensis*

Body: 120 μ m resolution



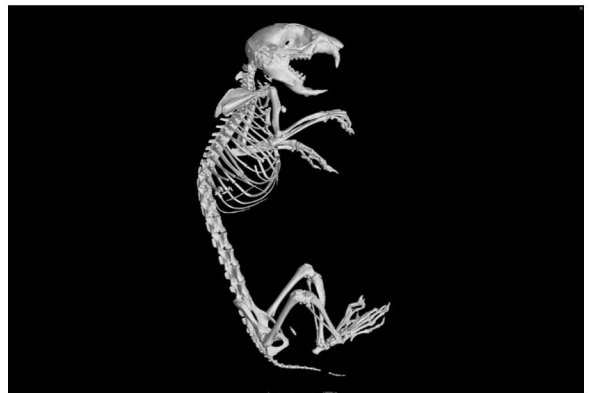
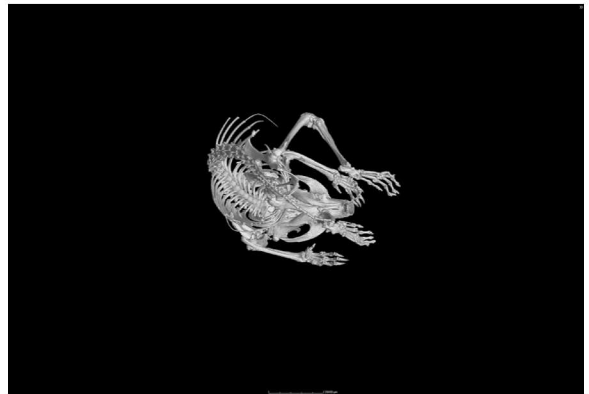
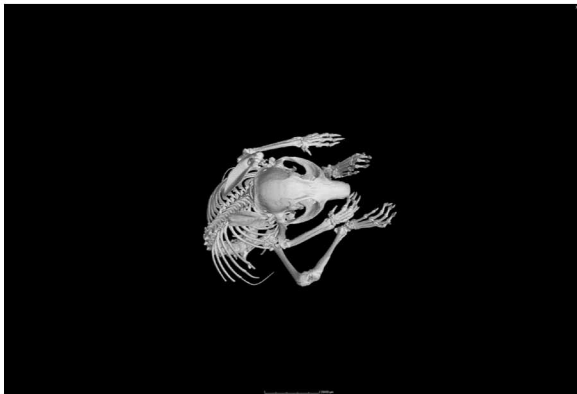
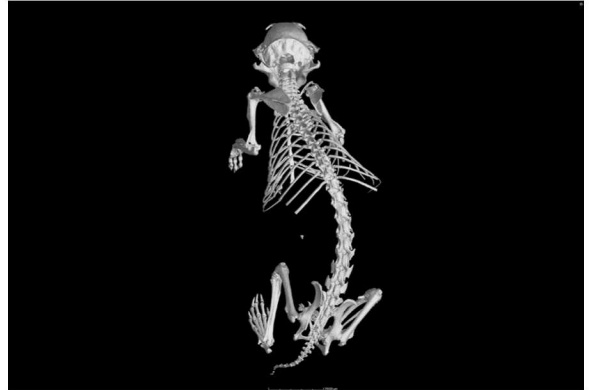
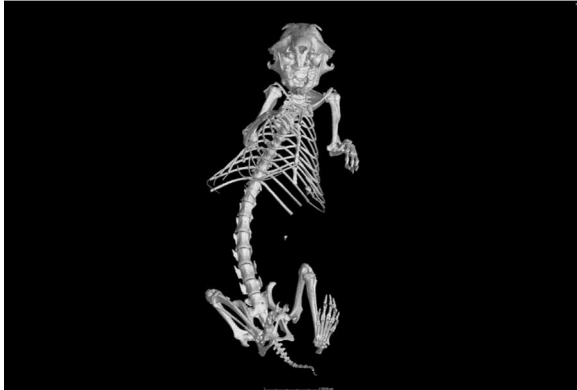
MSB 227133: *Spermophilus pallidicauda*

Body: 70 μ m resolution



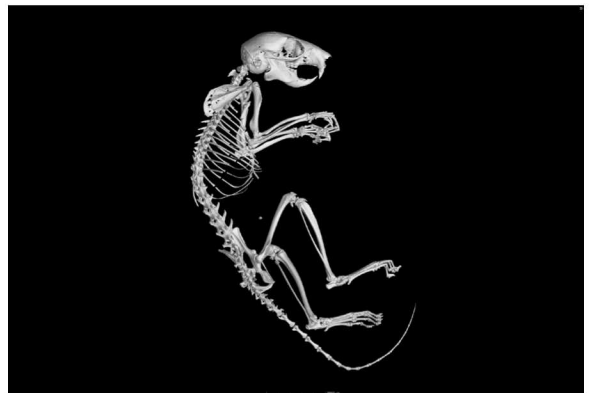
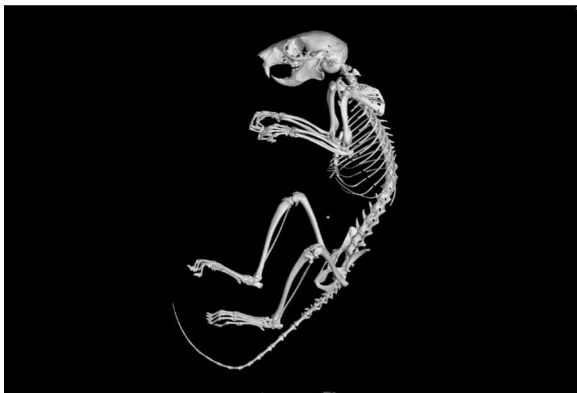
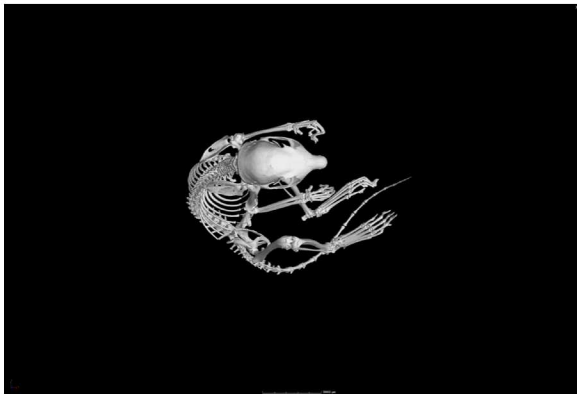
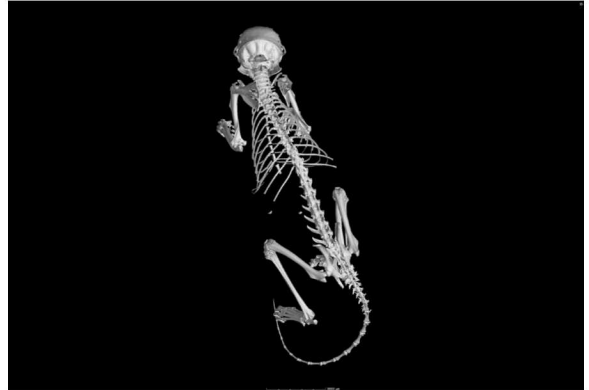
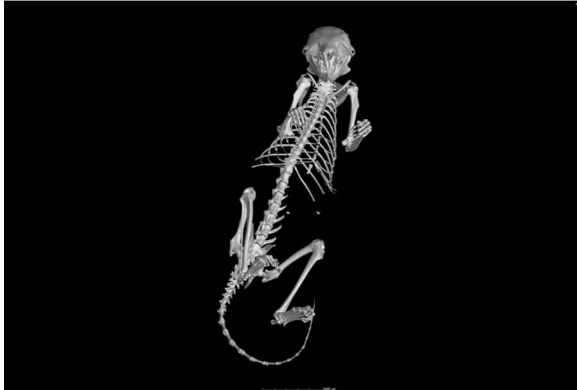
MSB 227380: *Spermophilus pallidicauda*

Body: 90 μ m resolution



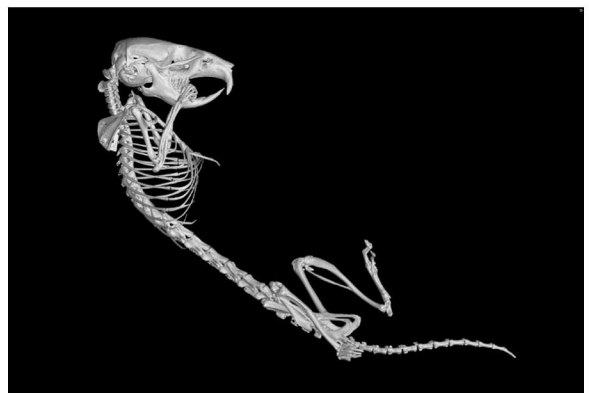
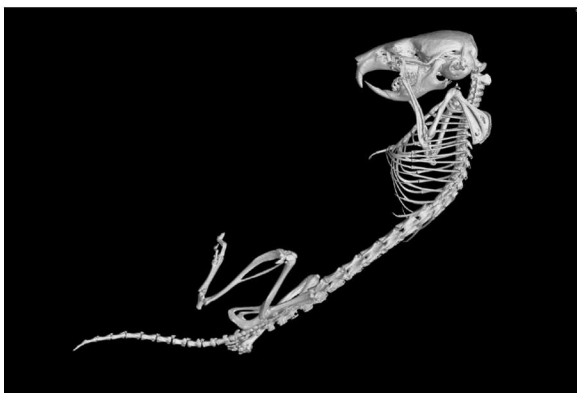
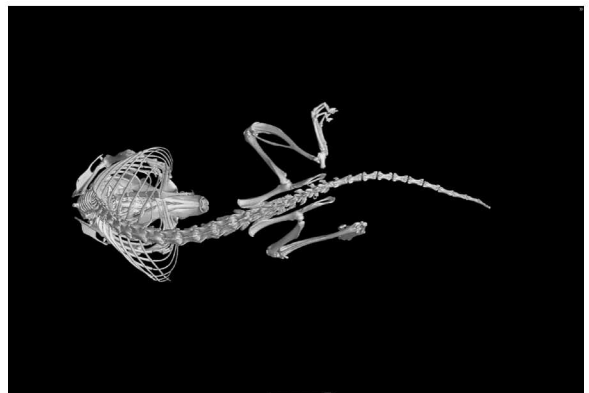
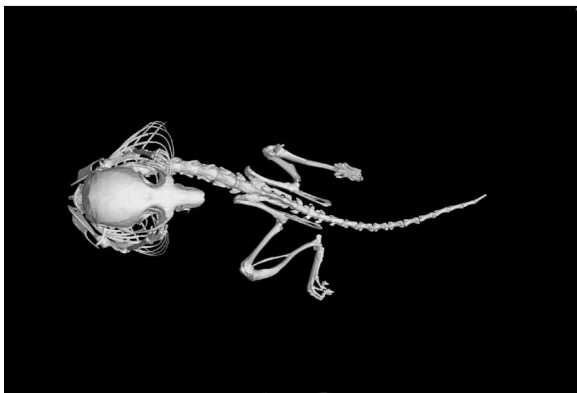
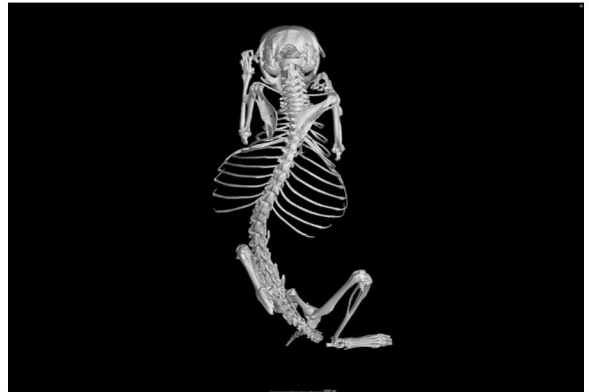
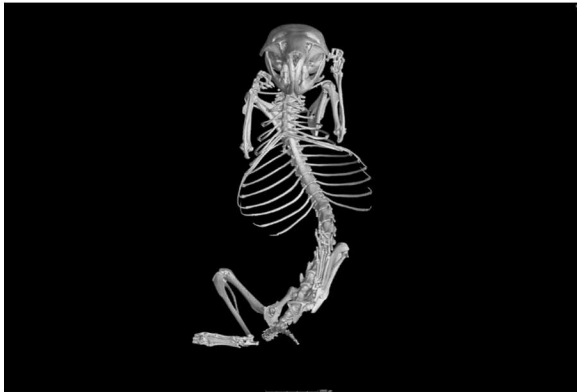
MSB 231296: *Tamiasciurus hudsonicus*

Body: 95 μ m resolution



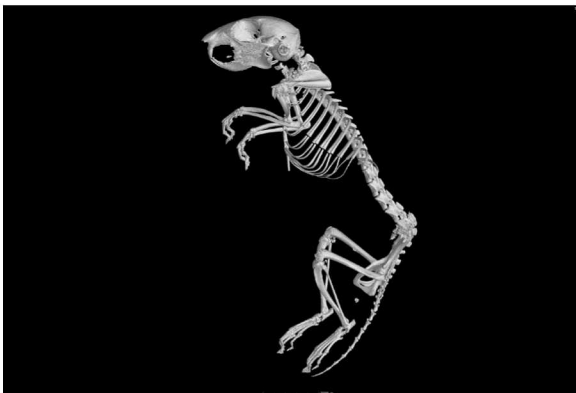
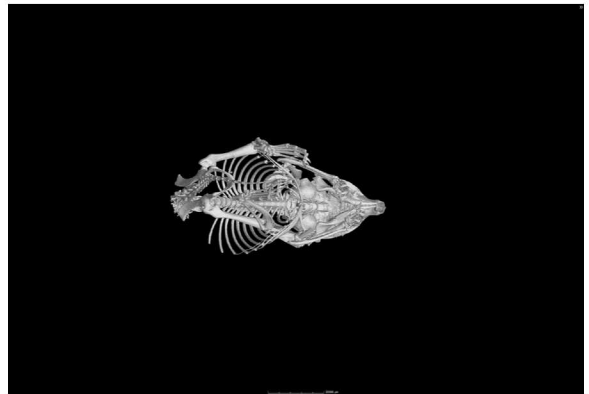
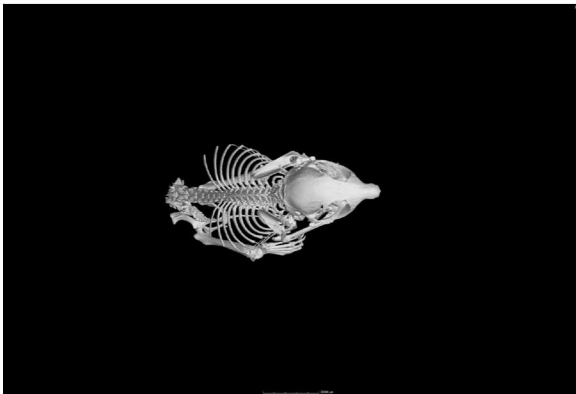
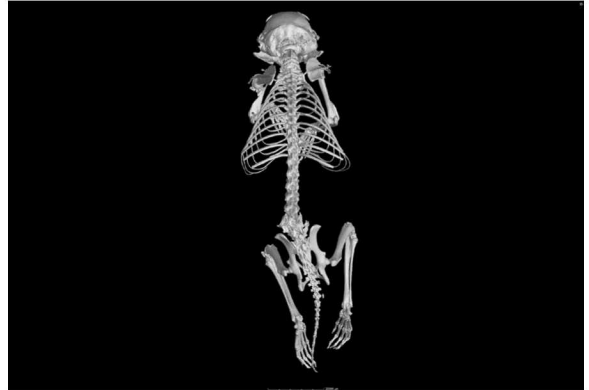
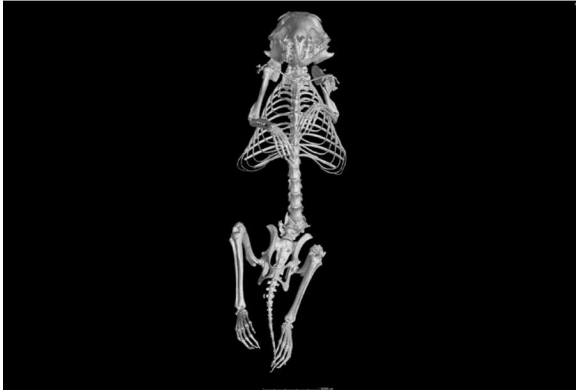
MSB 231310: *Tamiasciurus hudsonicus*

Body: 60 μ m resolution



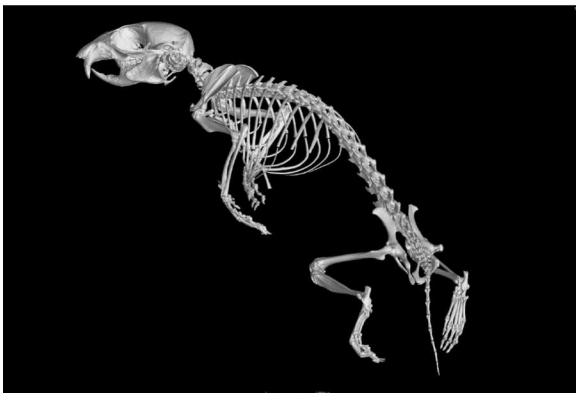
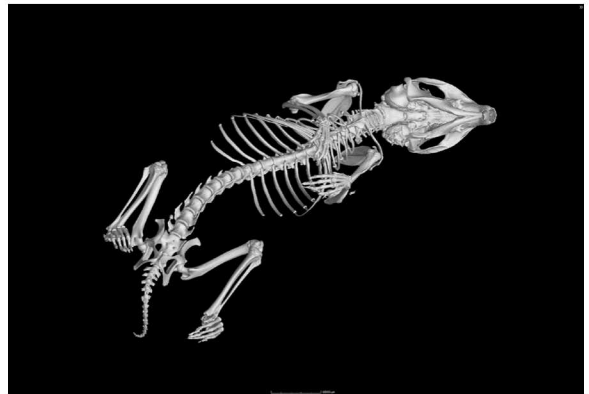
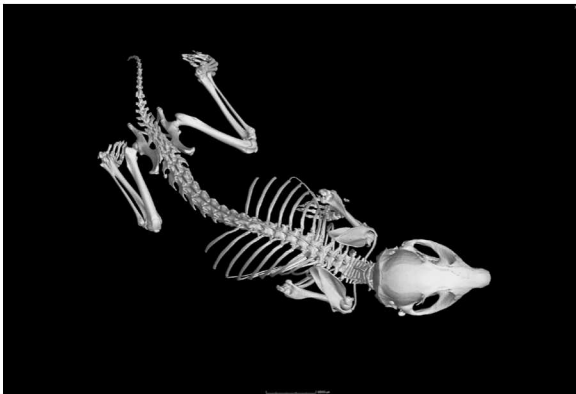
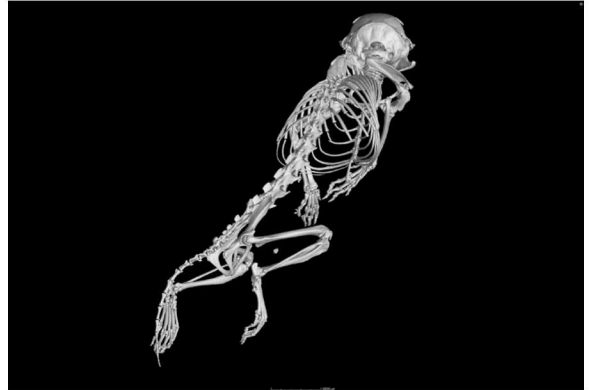
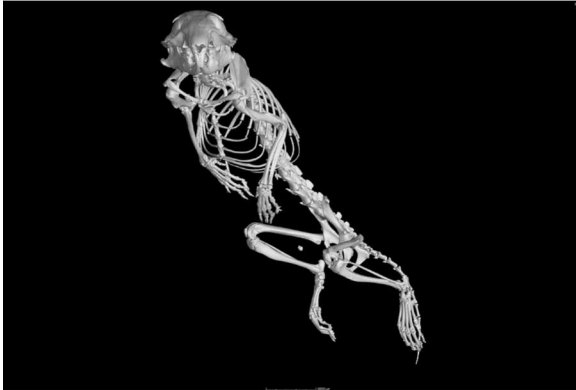
MSB 291909: *Urocitellus mollis*

Body: 70 μ m resolution



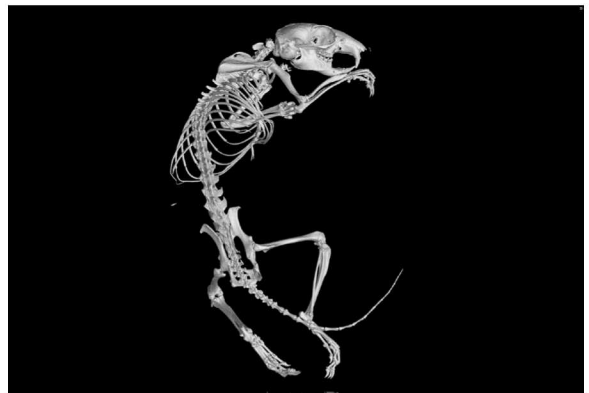
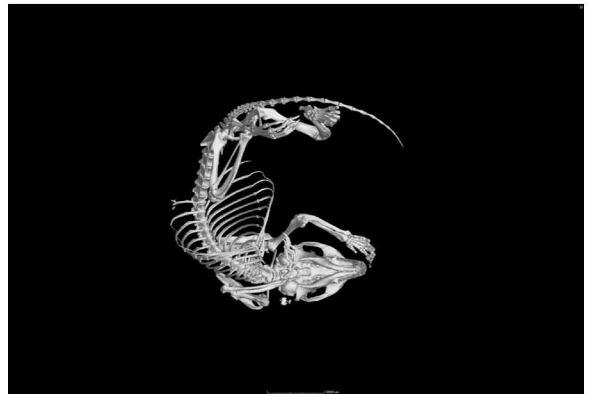
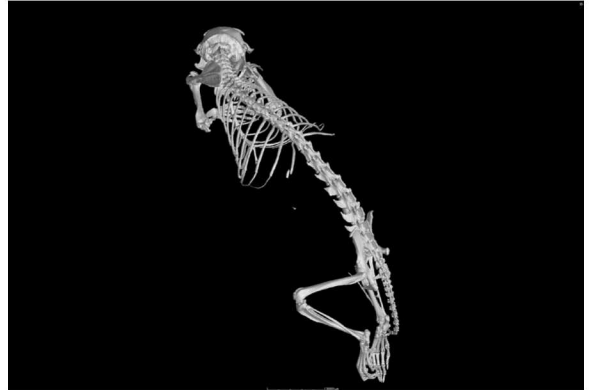
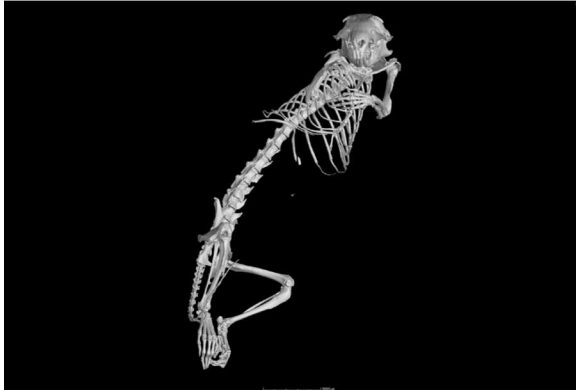
MSB 291992: *Urocitellus mollis*

Body: 90 μ m resolution



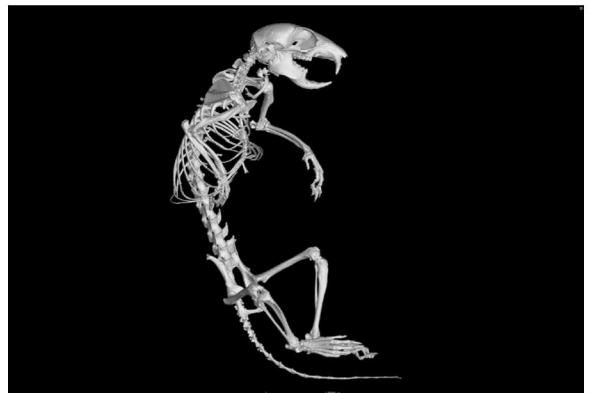
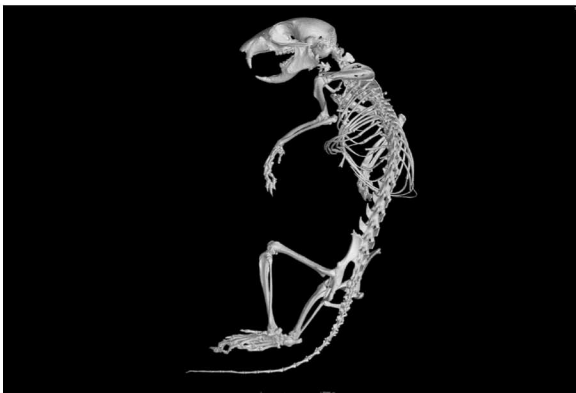
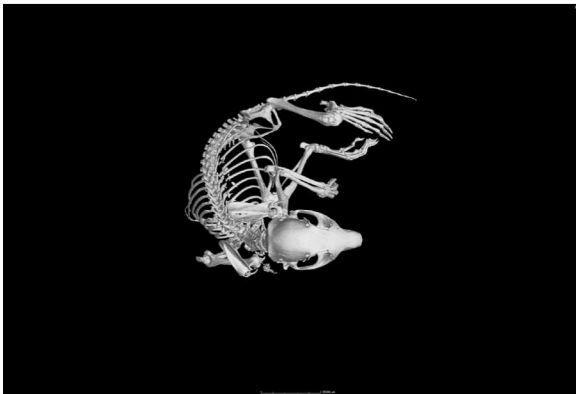
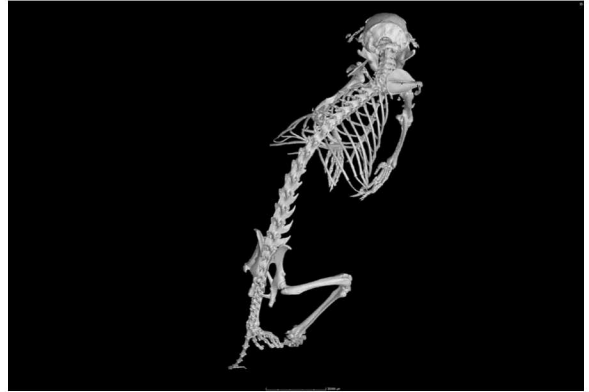
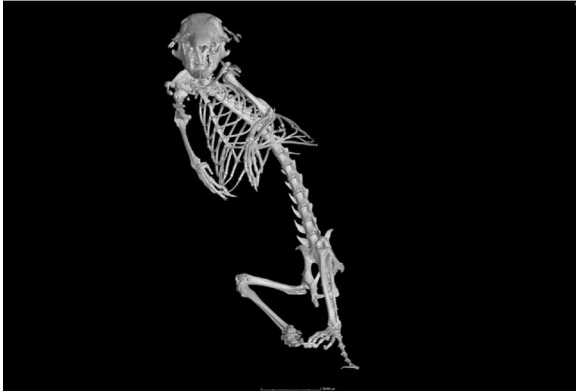
MSB 227185: *Urocitellus undulatus*

Body: 110 μ m resolution



MSB 230795: *Urocitellus undulatus*

Body: 110 μ m resolution



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