

SANDIA REPORT

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X-Ray CT Scans New Mexico Mammals - Set 1

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Abstract

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

Contents

Carnivora 6

Canidae 6

Canis 6

MSB 267573: *Canis latrans* 6

Urocyon 9

MSB 214840: *Urocyon cinereoargenteus* 9

Felidae 12

Lynx 12

MSB 16415: *Lynx rufus* 12

Puma 15

MSB 214485: *Puma concolor* 15

Mephitidae 18

Conepatus 18

MSB 68560: *Conepatus leuconotus* 18

Mephitis 21

MSB 64136: *Mephitis mephitis* 21

Spilogale 24

MSB 160336: *Spilogale gracilis leucoparia* 24

MSB 64134: *Spilogale putorius* 27

Procyonidae 30

Bassariscus 30

MSB 46326: *Bassariscus astutus flavus* 30

Nasua 33

MSB 101191: *Nasua narica* 33

Procyon 36

MSB 49874: *Procyon lotor mexicanus* 36

Eulipotyphla 39

Soricidae 39

Notiosorex 39

MSB 76274: *Notiosorex crawfordi* 39

Lagomorpha 40

Leporidae 40

Lepus 40

MSB 15960: *Lepus californicus* 40

Sylvilagus 43

MSB 120343: *Sylvilagus audubonii minor* 43

Ochotonidae 46

Ochotona 46

MSB 65666: *Ochotona princeps* 46

Rodentia 48

Castoridae 48

Castor 48

MSB 21848: *Castor canadensis* 48

Erethizontidae 51

Erethizon 51

MSB 25848: *Erethizon dorsatum couesi* 51

Heteromyidae 54

Chaetodipus 54

MSB 67806: *Chaetodipus intermedius* 54

Sciuridae 55

Cynomys 55

MSB 58994: *Cynomys gunnisoni* 55

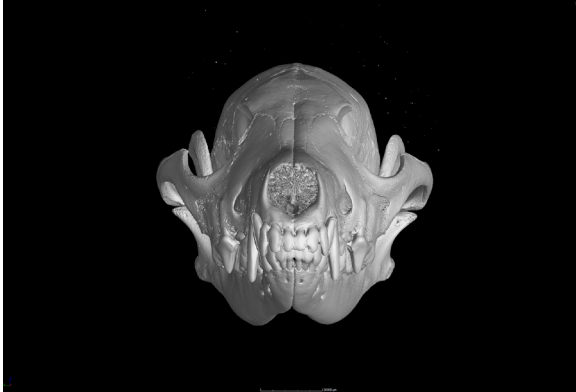
Ictidomys	58
MSB 118156: <i>Ictidomys tridecemlineatus pallidus</i>	58
Marmota	61
MSB 58082: <i>Marmota flaviventris obscura</i>	61
Tamias	64
MSB 66254: <i>Tamias minimus</i>	64

Contents

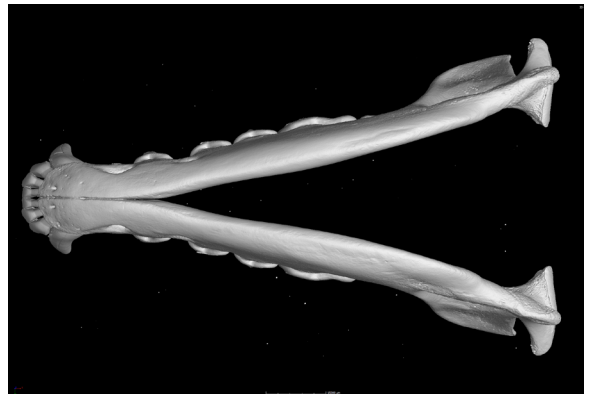
MSB 15960: <i>Lepus californicus</i>	40
MSB 16415: <i>Lynx rufus</i>	12
MSB 21848: <i>Castor canadensis</i>	48
MSB 25848: <i>Erethizon dorsatum couesi</i>	51
MSB 46326: <i>Bassariscus astutus flavus</i>	30
MSB 49874: <i>Procyon lotor mexicanus</i>	36
MSB 58082: <i>Marmota flaviventris obscura</i>	61
MSB 58994: <i>Cynomys gunnisoni</i>	55
MSB 64134: <i>Spilogale putorius</i>	27
MSB 64136: <i>Mephitis mephitis</i>	21
MSB 65666: <i>Ochotona princeps</i>	46
MSB 66254: <i>Tamias minimus</i>	64
MSB 67806: <i>Chaetodipus intermedius</i>	54
MSB 68560: <i>Conepatus leuconotus</i>	18
MSB 76274: <i>Notiosorex crawfordi</i>	39
MSB 101191: <i>Nasua narica</i>	33
MSB 118156: <i>Ictidomys tridecemlineatus pallidus</i>	58
MSB 120343: <i>Sylvilagus audubonii minor</i>	43
MSB 160336: <i>Spilogale gracilis leucoparia</i>	24
MSB 214485: <i>Puma concolor</i>	15
MSB 214840: <i>Urocyon cinereoargenteus</i>	9
MSB 267573: <i>Canis latrans</i>	6

MSB 267573: *Canis latrans*

Full: 100 μ m resolution



Skull: 100 μ m resolution

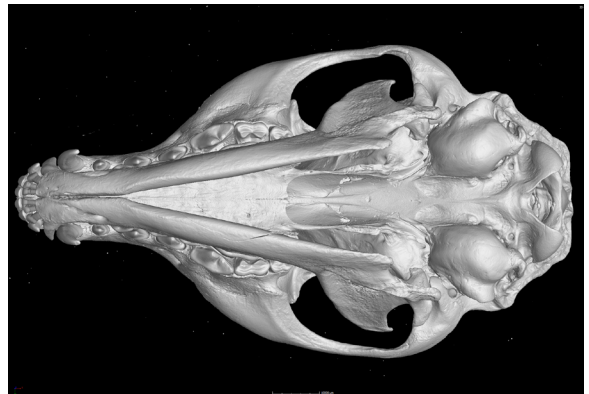


Jaw: 100 μ m resolution

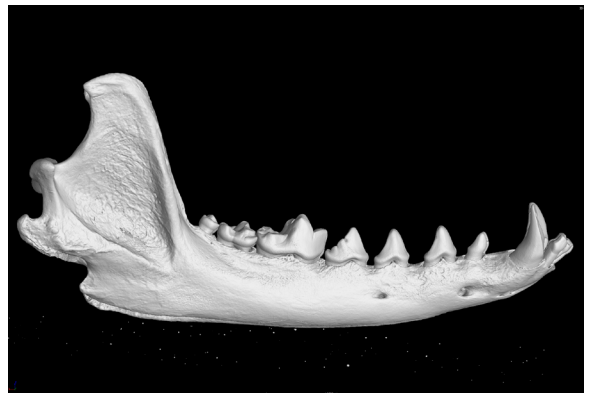
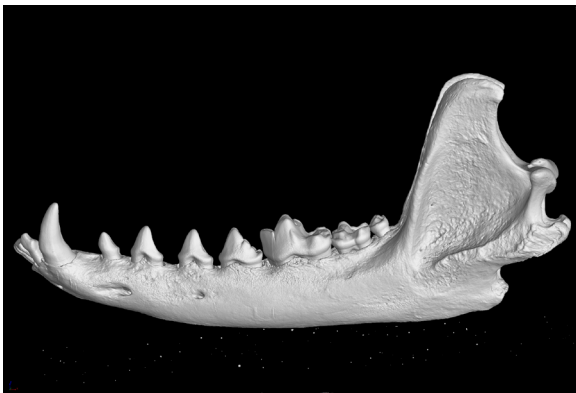
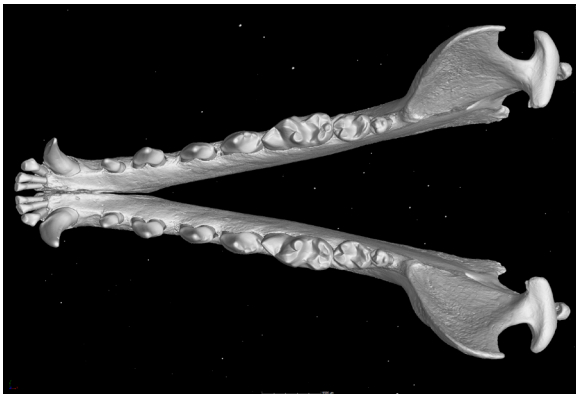
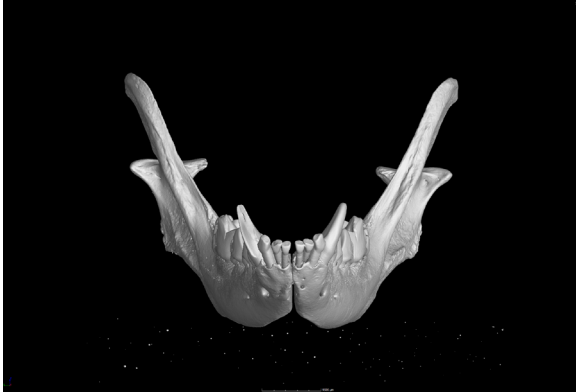


MSB 214840: *Urocyon cinereoargenteus*

Full: 66 μ m resolution



Skull: 66 μ m resolution



Jaw: 66 μ m resolution

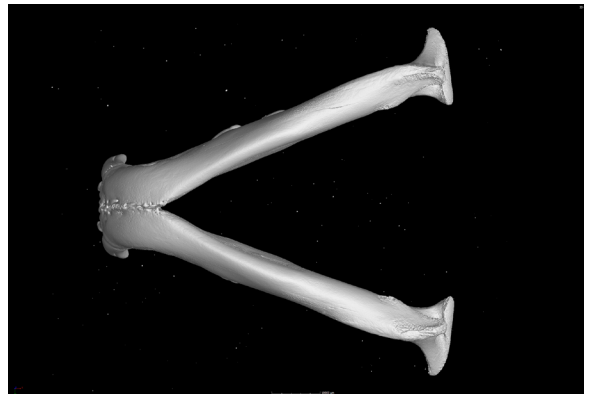
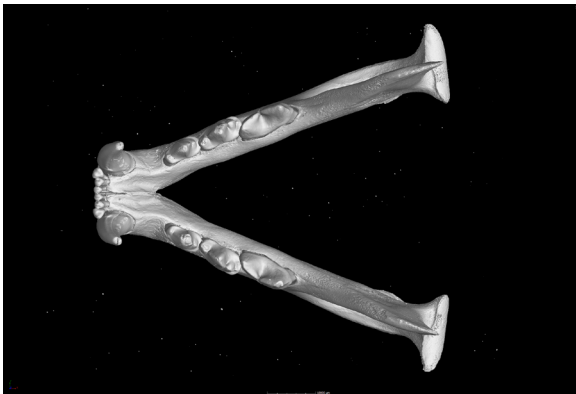
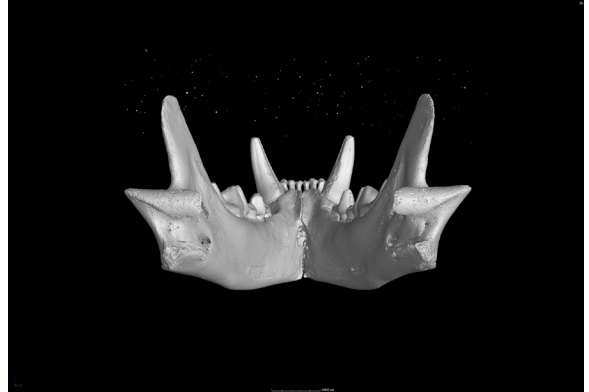


MSB 16415: *Lynx rufus*

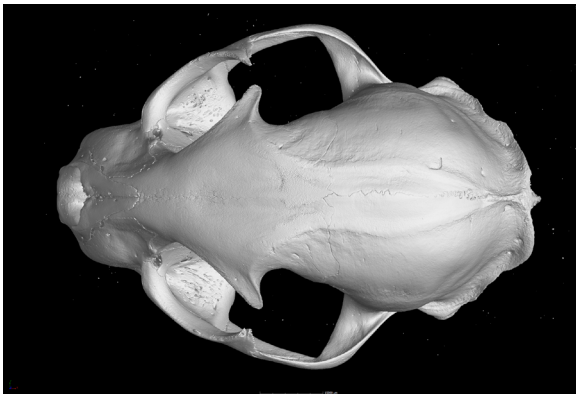
Full: 70 μ m resolution



Skull: 70 μ m resolution

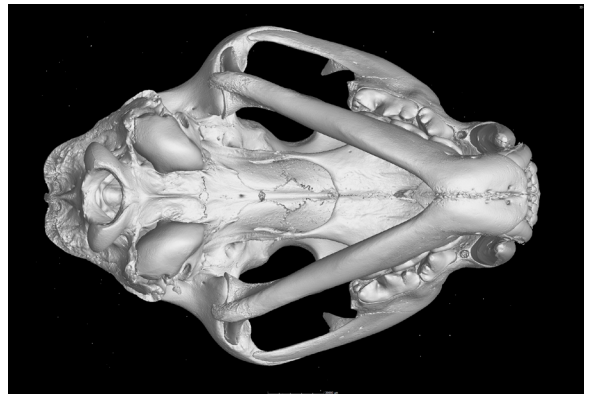
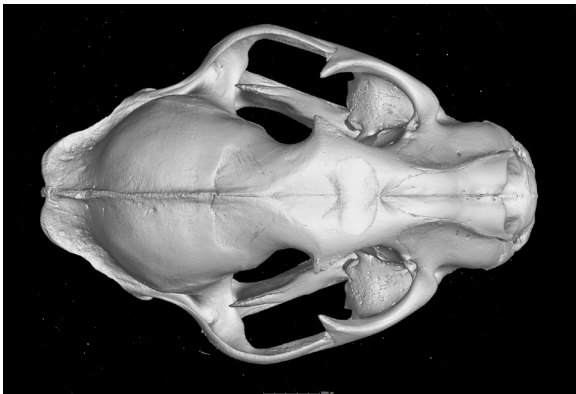
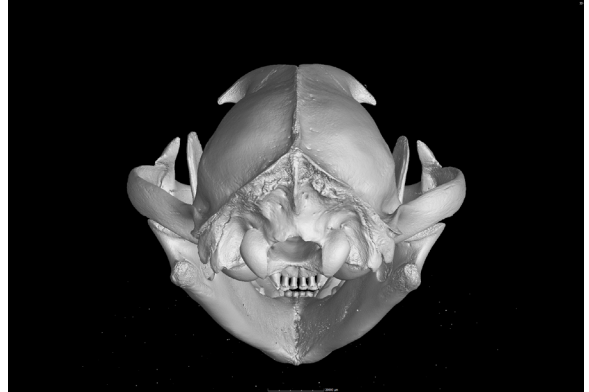


Jaw: 70 μ m resolution

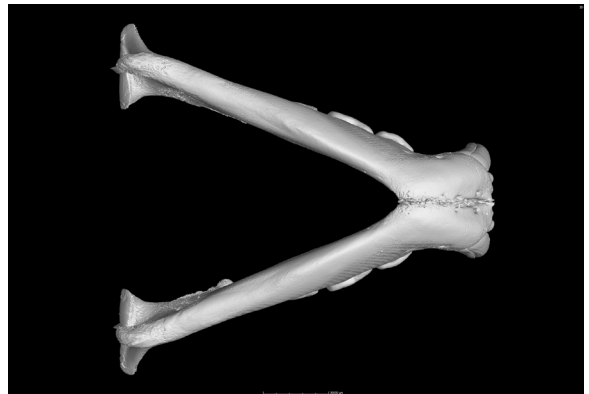
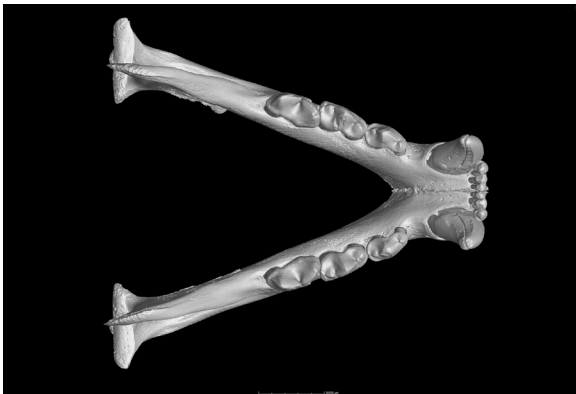
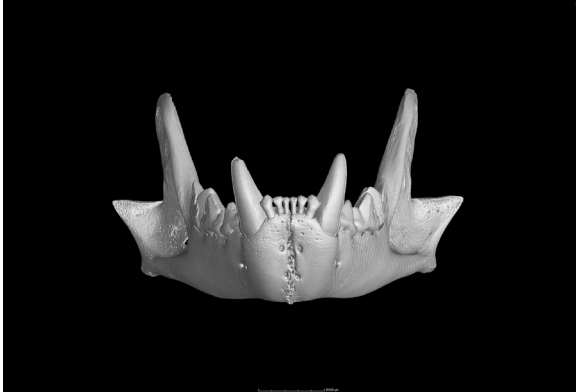


MSB 214485: *Puma concolor*

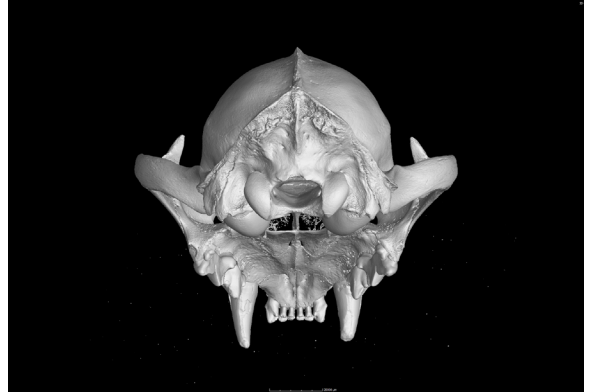
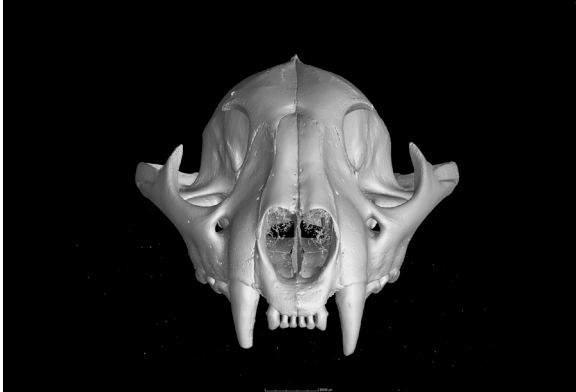
Full: 105 μ m resolution



Skull: 105 μ m resolution



Jaw: 95 μ m resolution

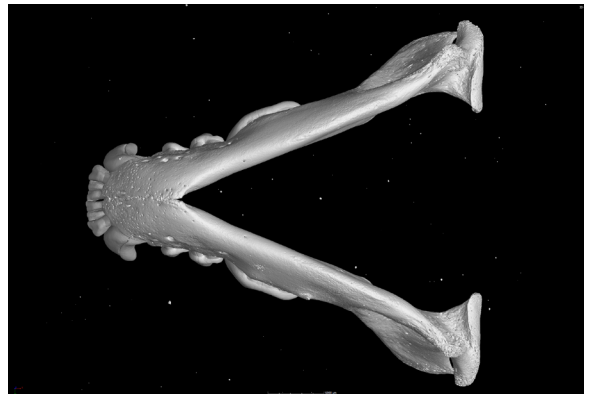
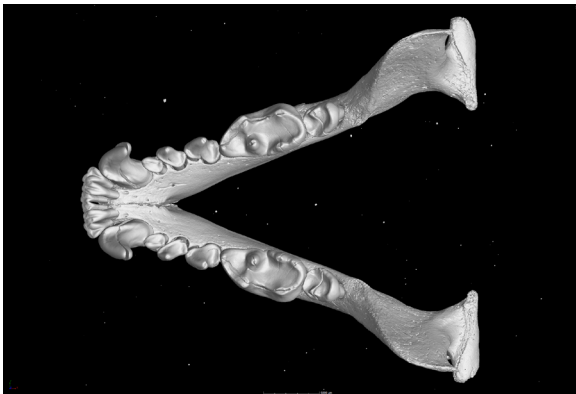
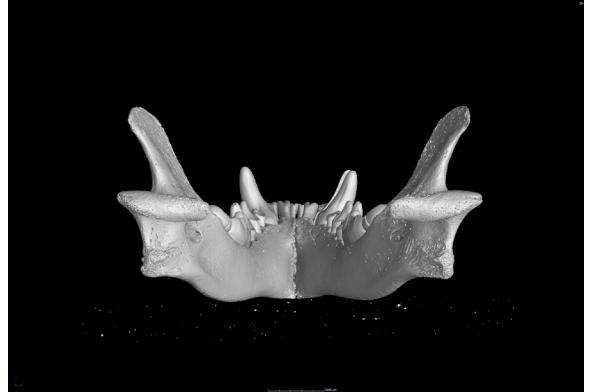


MSB 68560: *Conepatus leuconotus*

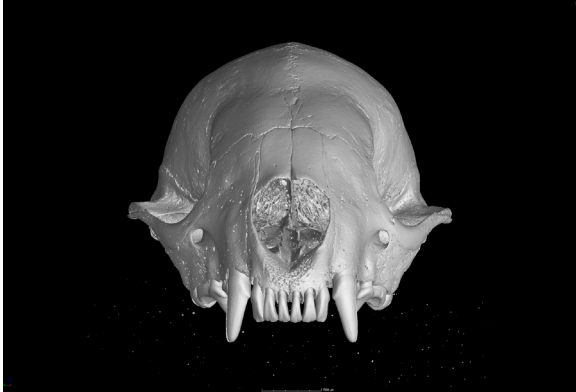
Full: 42 μ m resolution



Skull: 42 μ m resolution

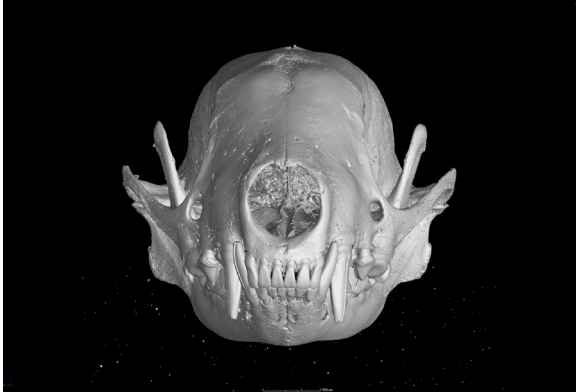


Jaw: 42 μ m resolution

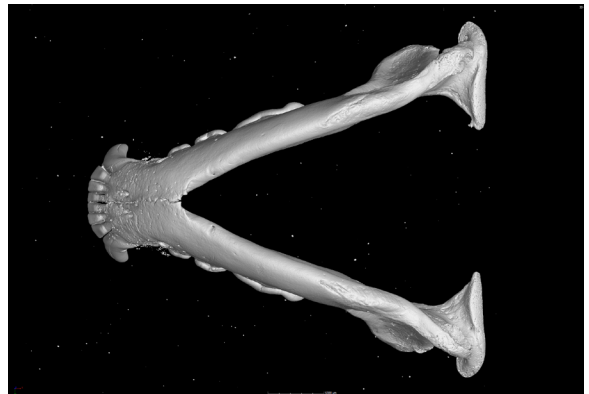
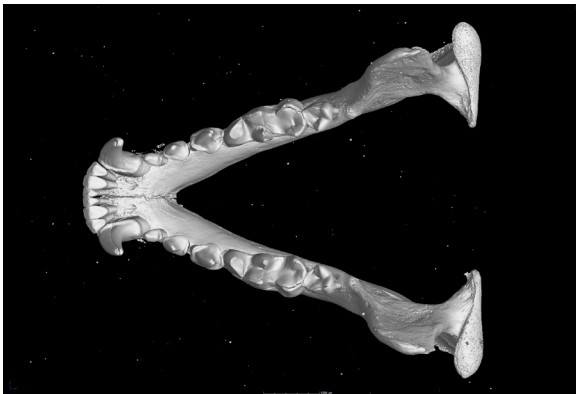


MSB 64136: *Mephitis mephitis*

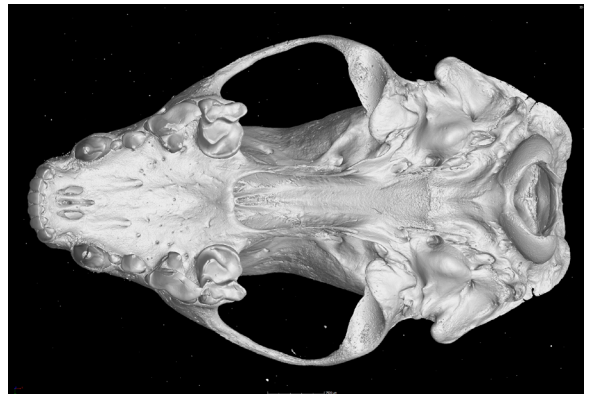
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Skull: 42 μ m resolution

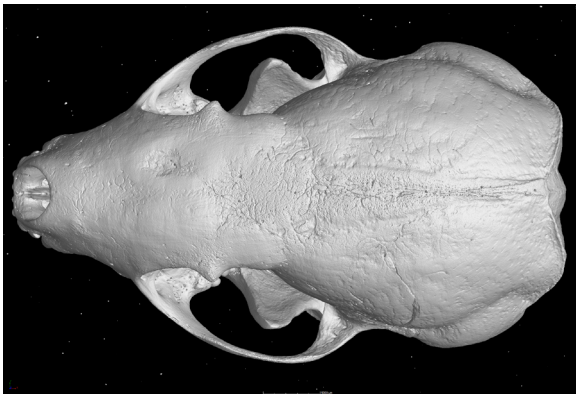
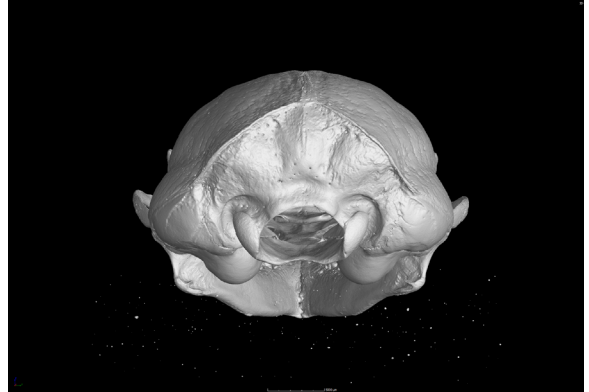


Jaw: 42 μ m resolution

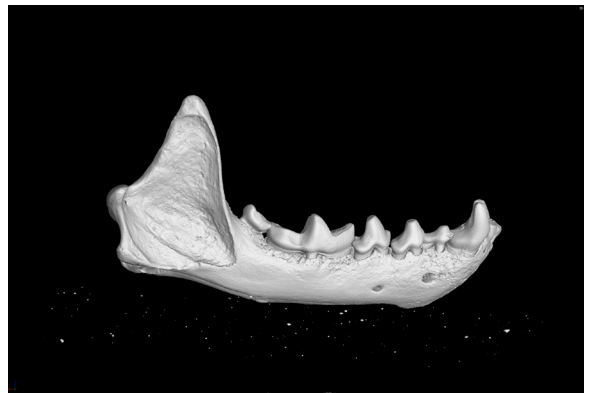
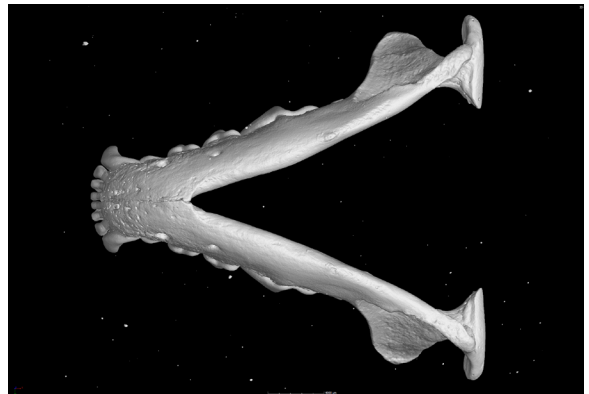
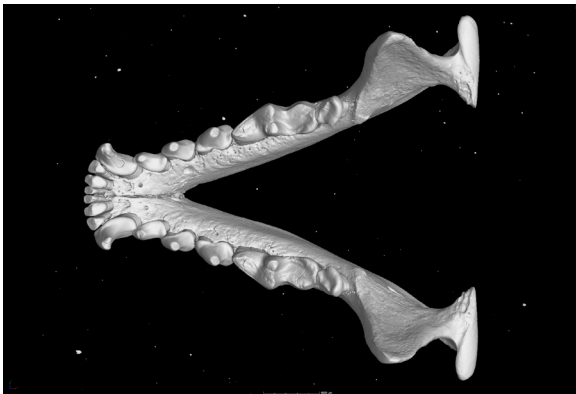


MSB 160336: *Spilogale gracilis leucoparia*

Full: 30 μ m resolution



Skull: 30 μ m resolution

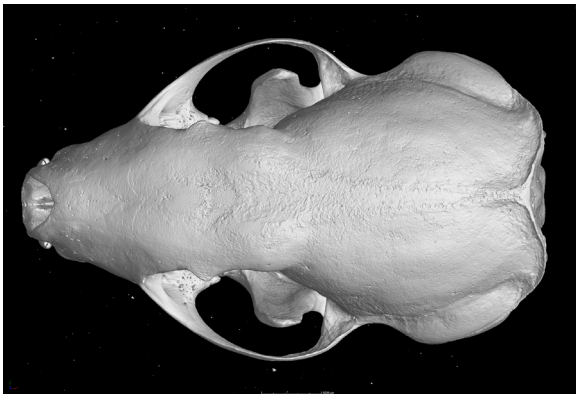


Jaw: 30 μ m resolution

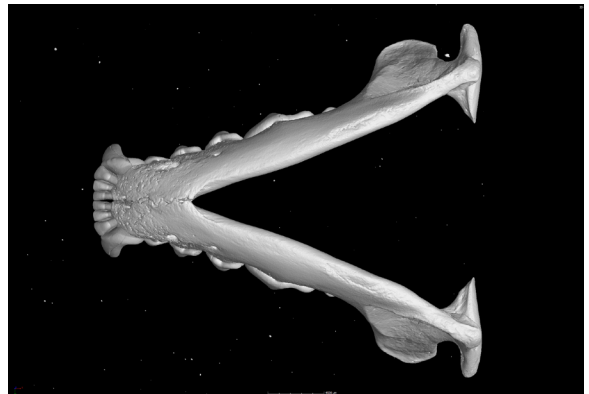
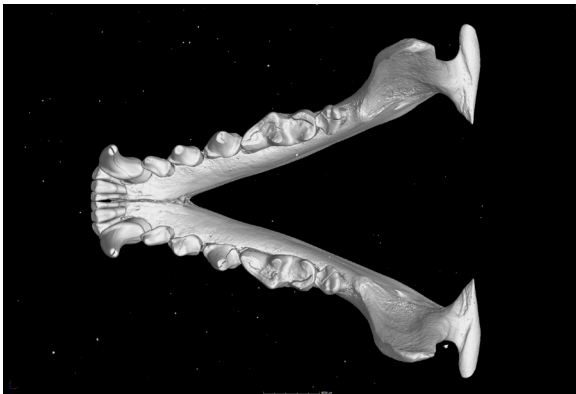
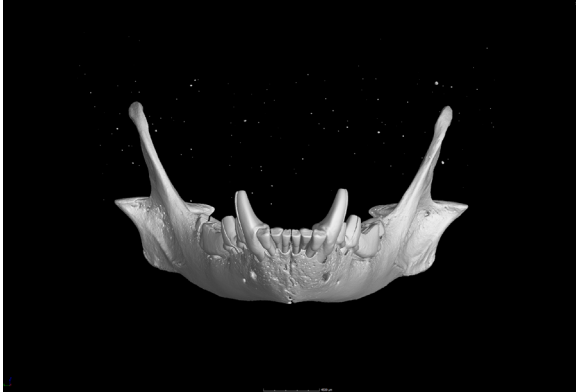


MSB 64134: *Spilogale putorius*

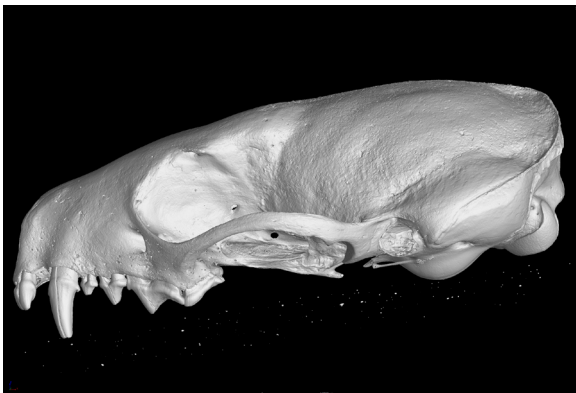
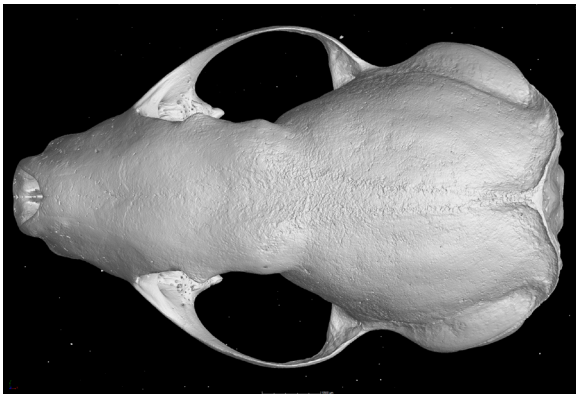
Full: 30 μ m resolution



Skull: 30 μ m resolution



Jaw: 30 μ m resolution

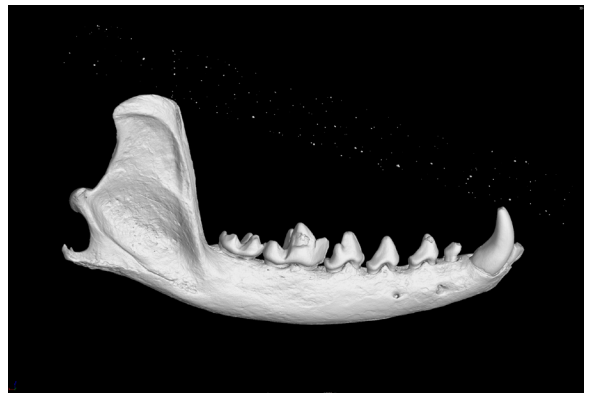
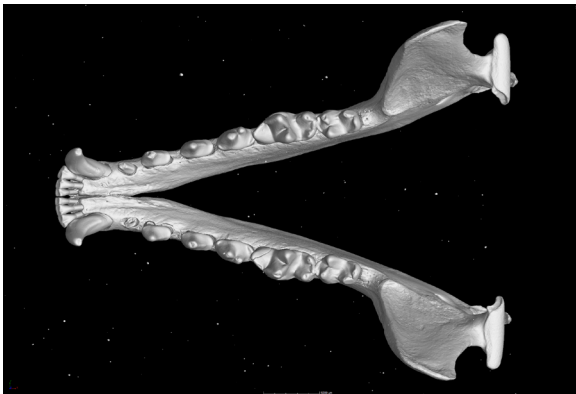


MSB 46326: *Bassariscus astutus flavus*

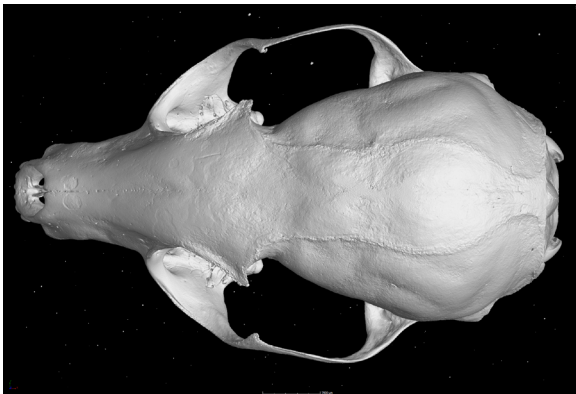
Full: 42 μ m resolution



Skull: 42 μ m resolution

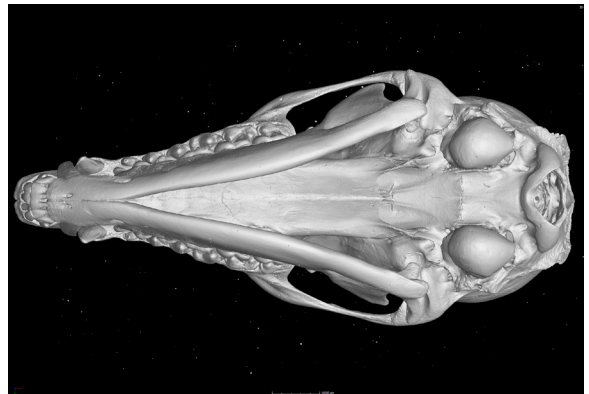
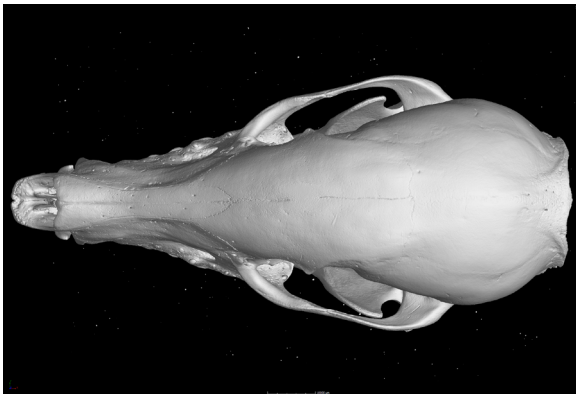


Jaw: 42 μ m resolution

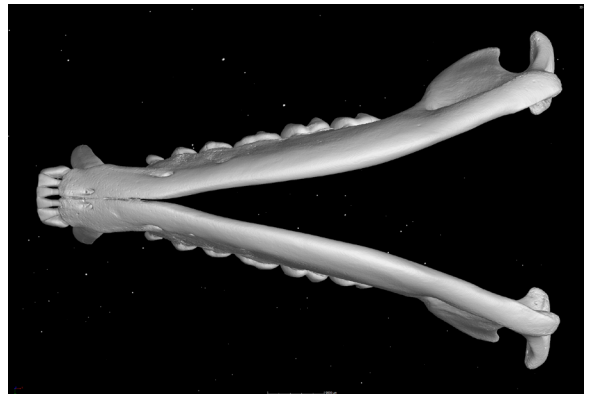
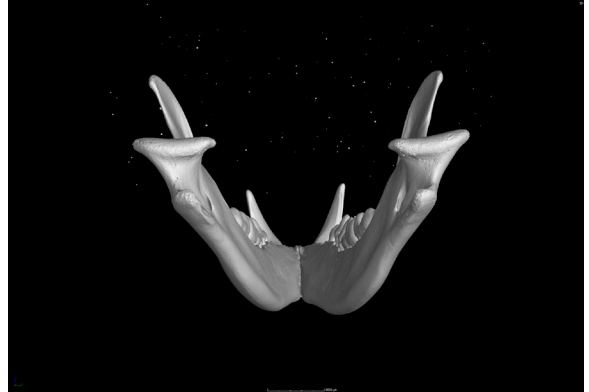
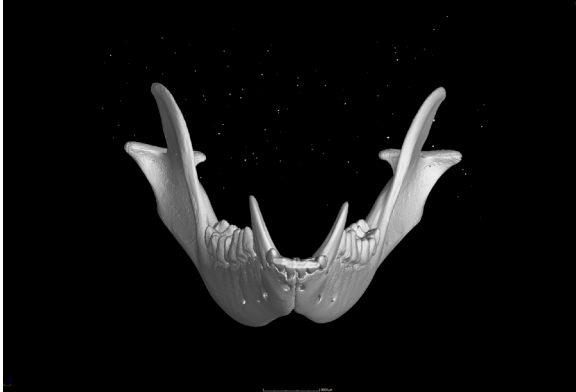


MSB 101191: *Nasua narica*

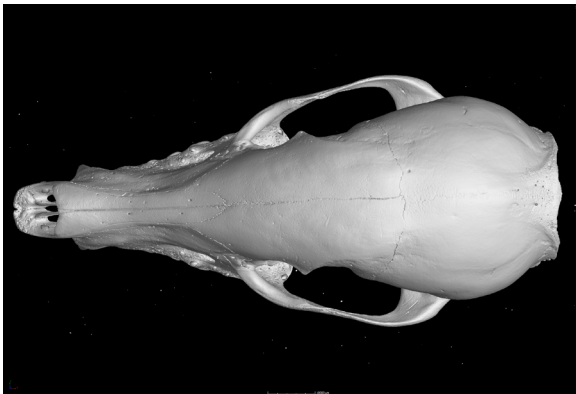
Full: 70 μ m resolution



Skull: 70 μ m resolution

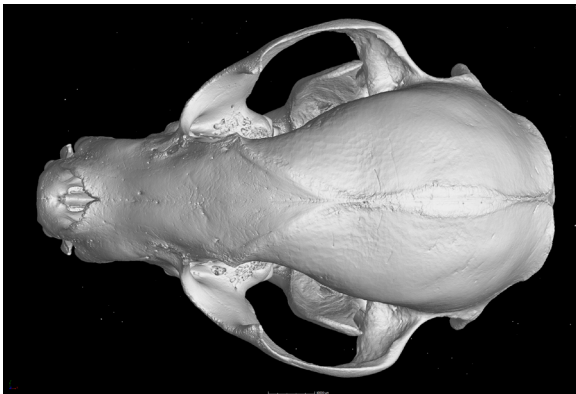


Jaw: 70 μ m resolution

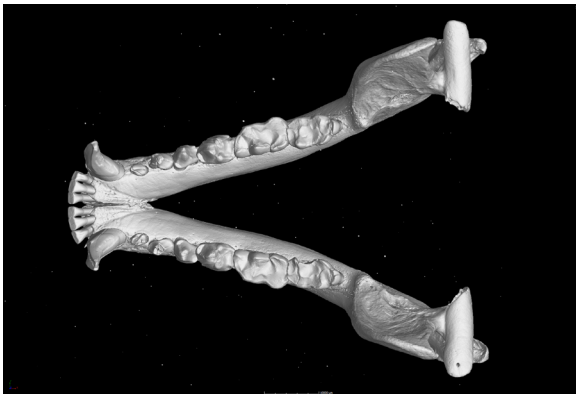
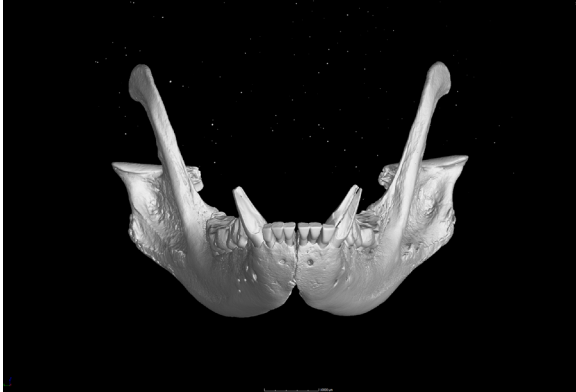


MSB 49874: *Procyon lotor mexicanus*

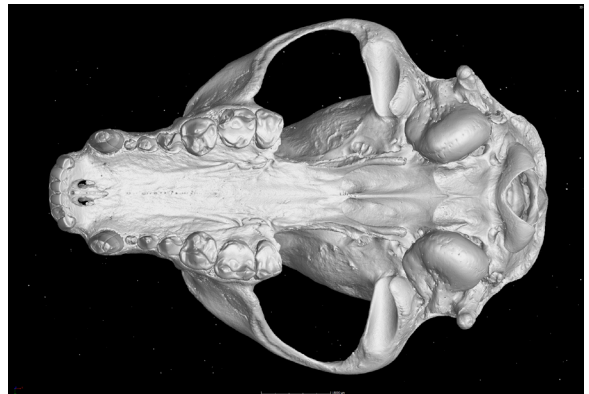
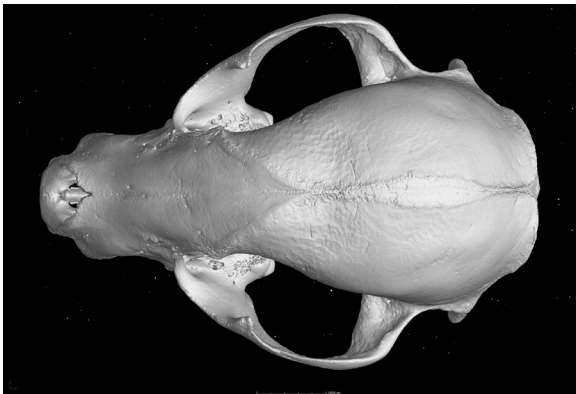
Full: 66 μ m resolution



Skull: 70 μ m resolution

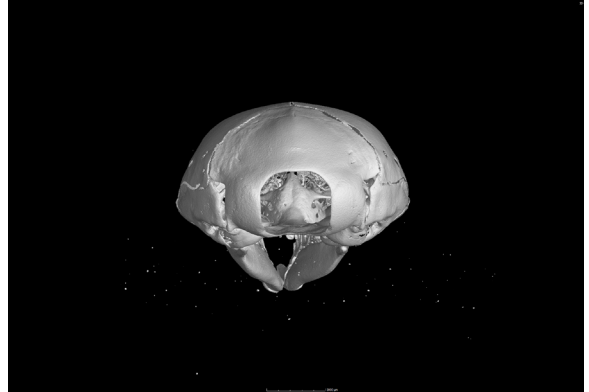
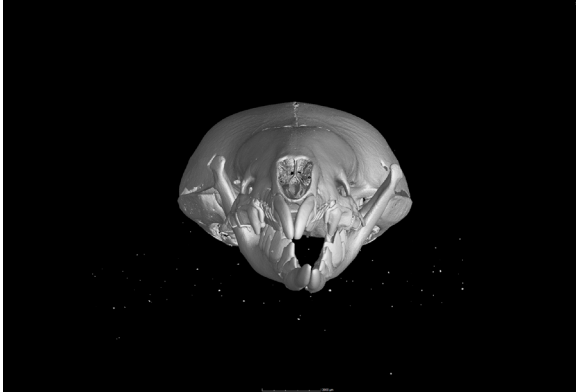


Jaw: 70 μ m resolution



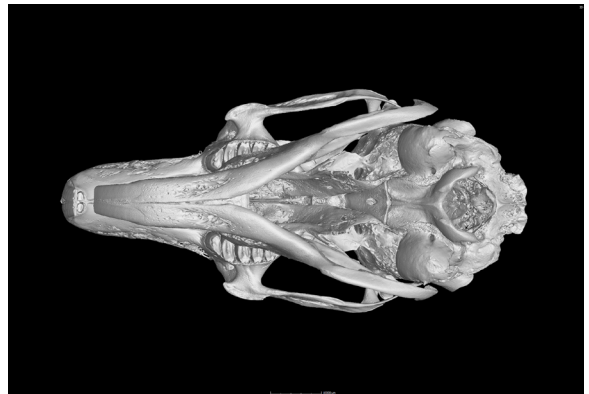
MSB 76274: *Notiosorex crawfordi*

Full: 14 μ m resolution

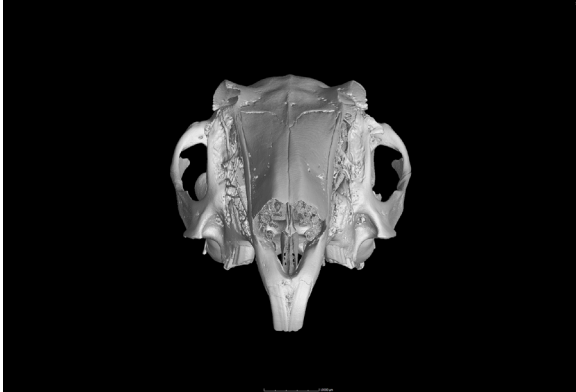


MSB 15960: *Lepus californicus*

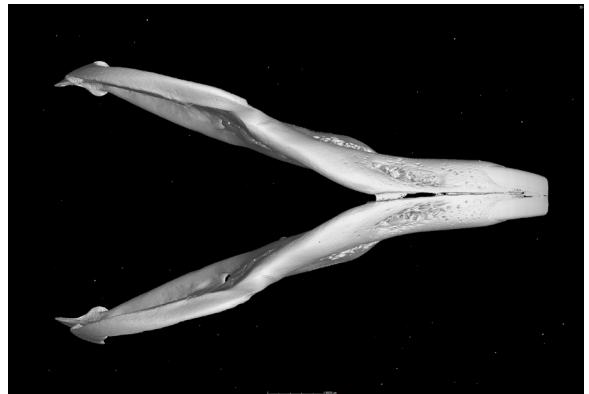
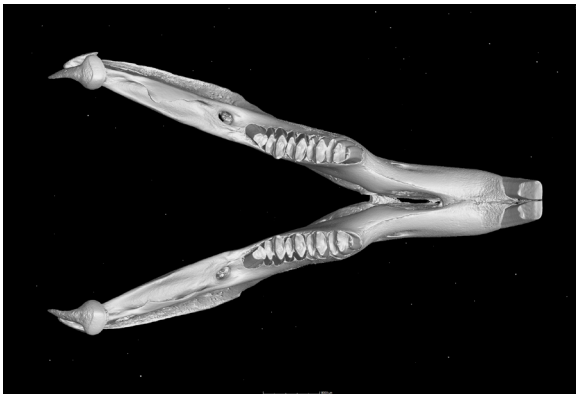
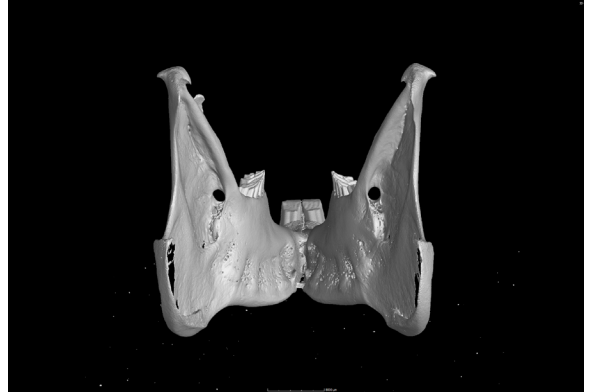
Full: 52 μ m resolution



Skull: 52 μm resolution

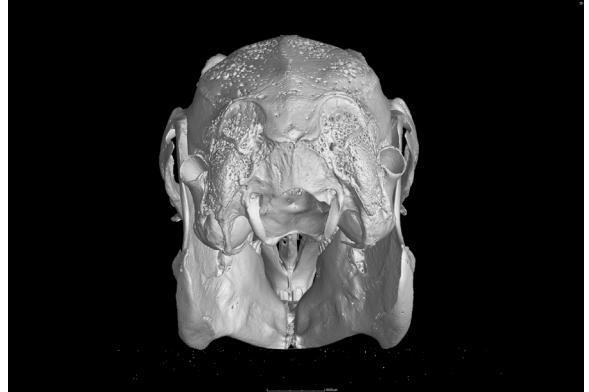
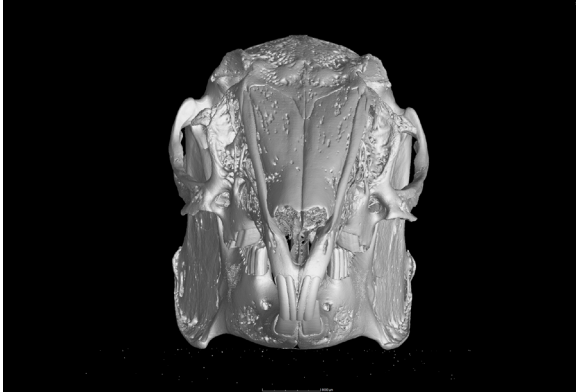


Jaw: 52 μ m resolution

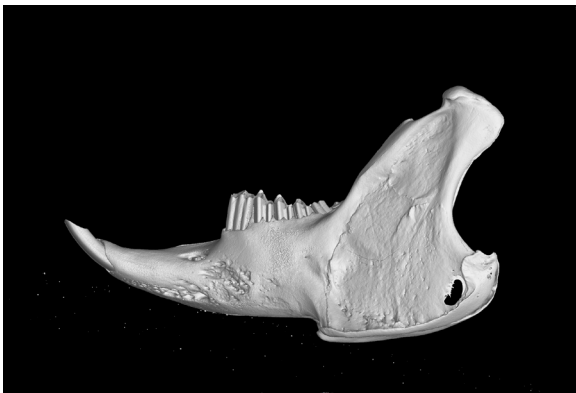
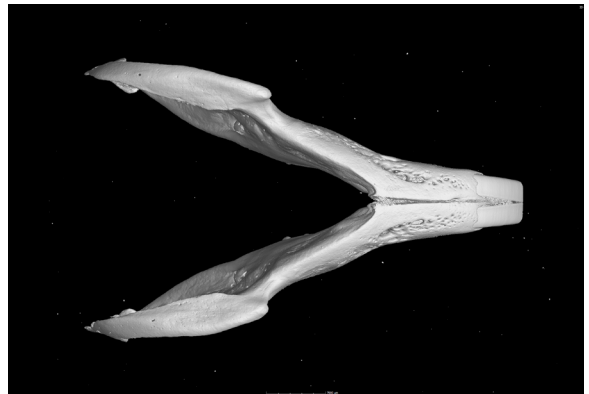
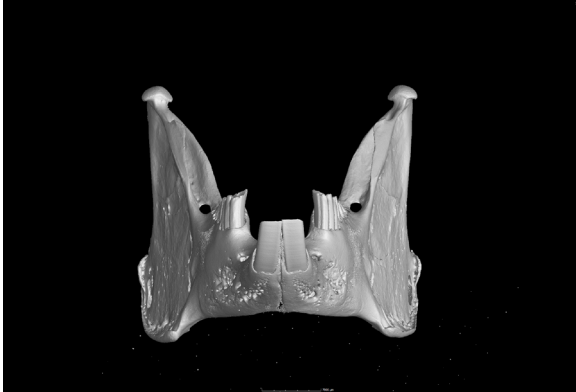


MSB 120343: *Sylvilagus audubonii minor*

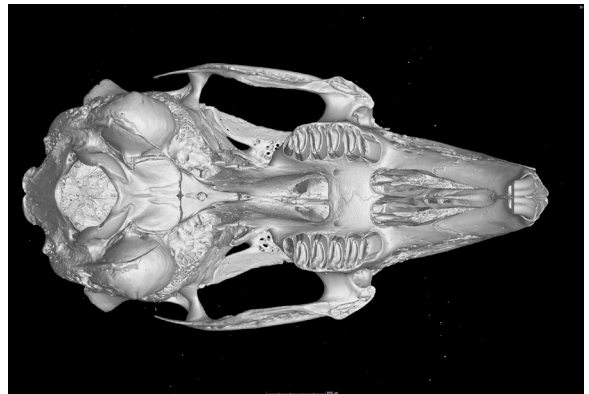
Full: 42 μ m resolution



Skull: 42 μ m resolution



Jaw: 42 μ m resolution

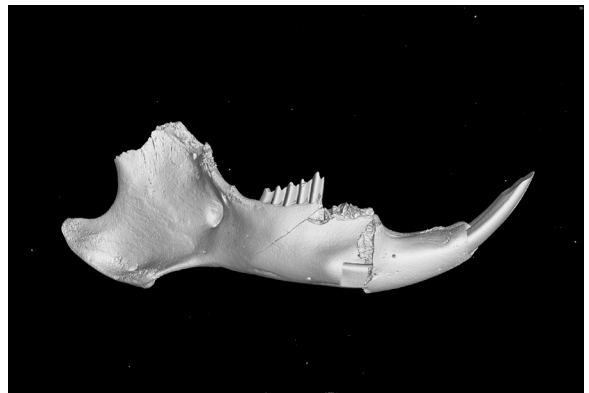
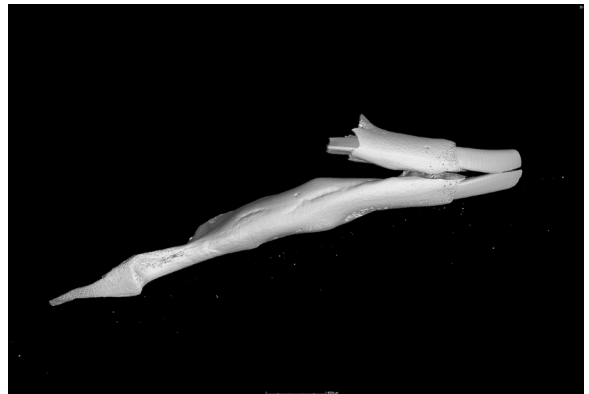
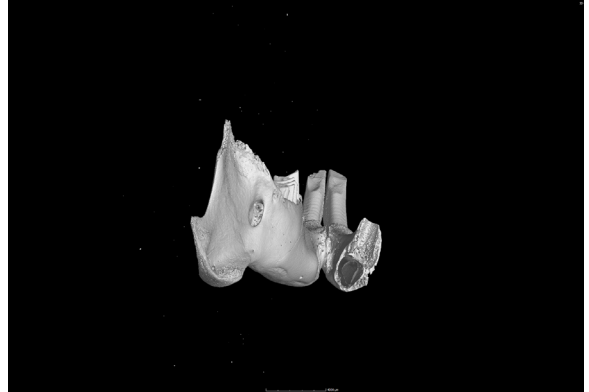


MSB 65666: *Ochotona princeps*

Skull: 25 μ m resolution

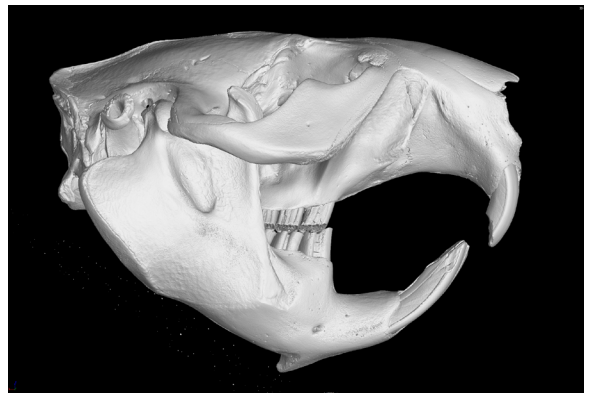
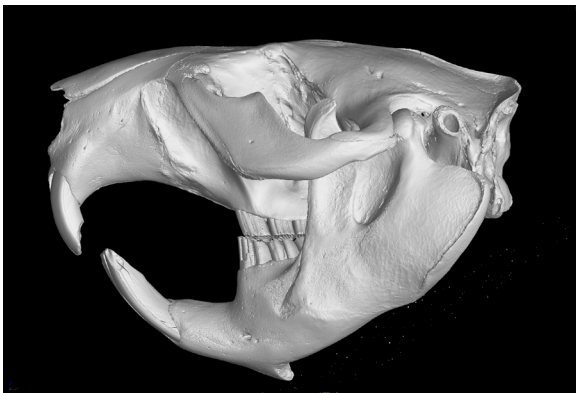
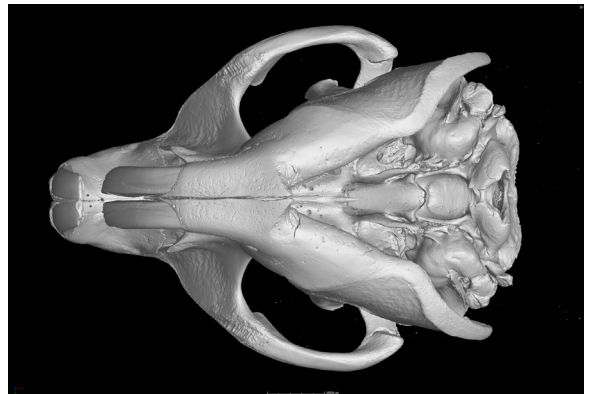
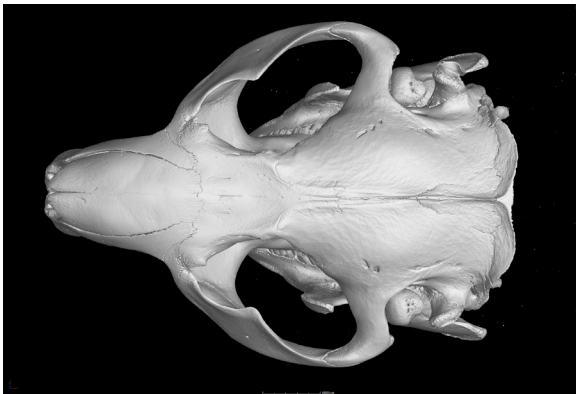


NA: NA μm resolution

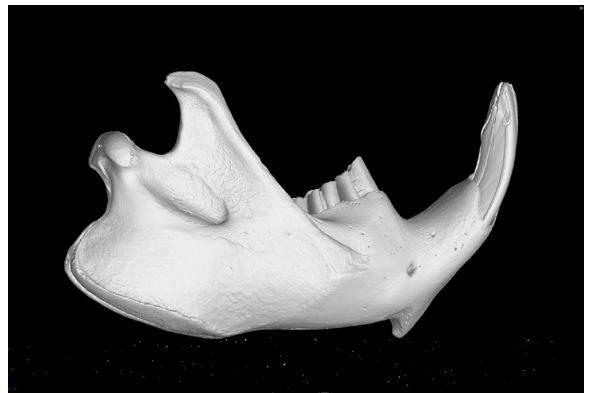
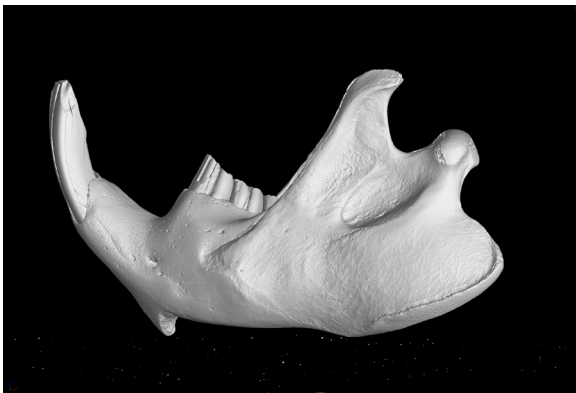
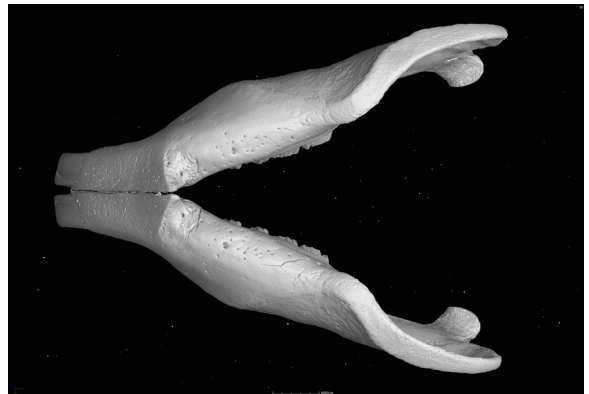
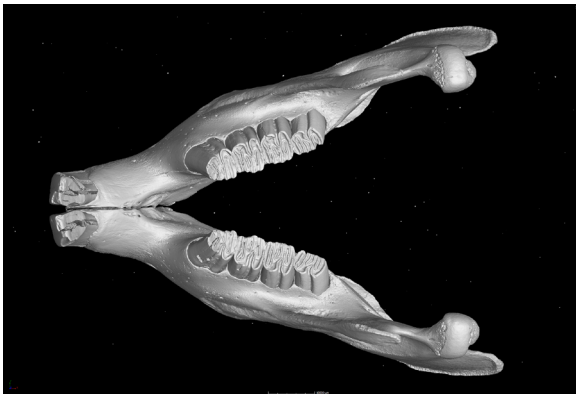
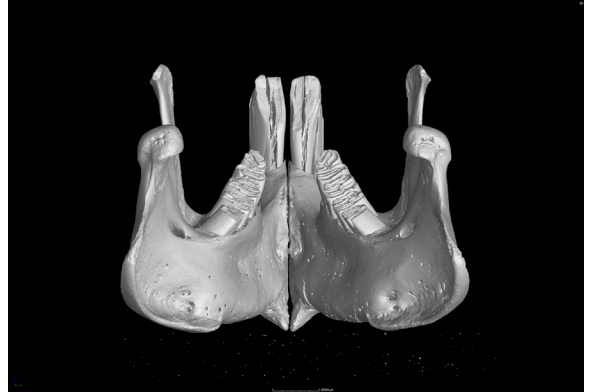


MSB 21848: *Castor canadensis*

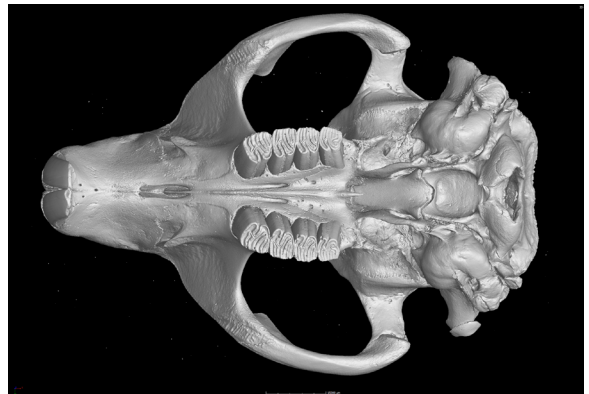
Full: 70 μ m resolution



Skull: 70 μ m resolution

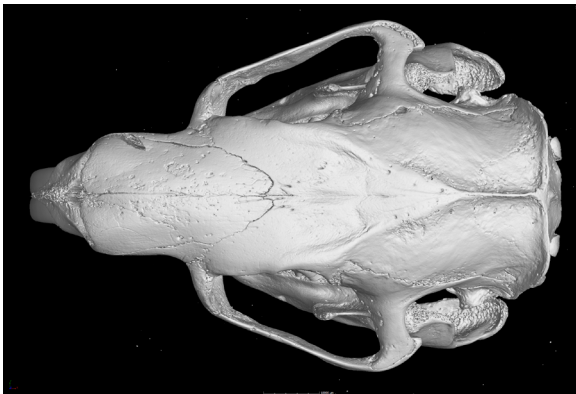
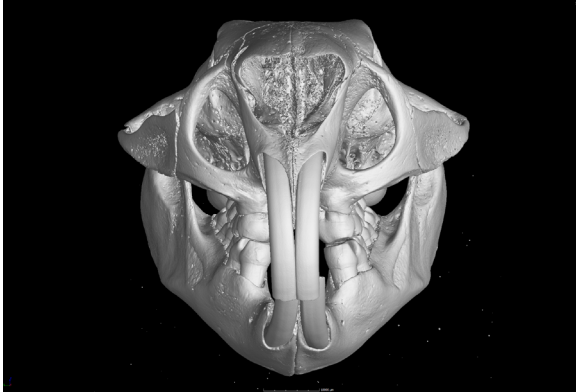


Jaw: 70 μ m resolution

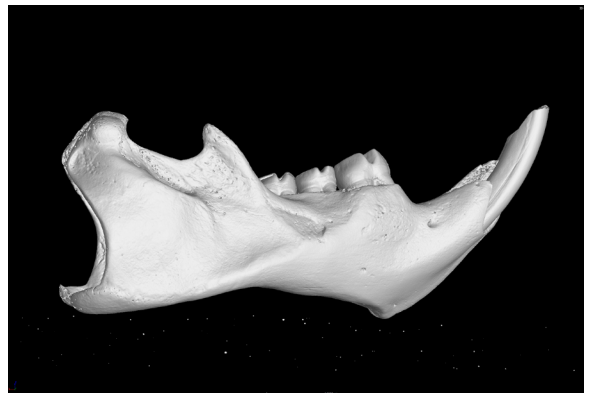
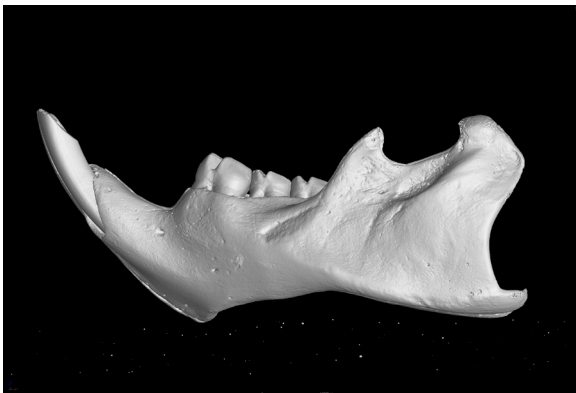
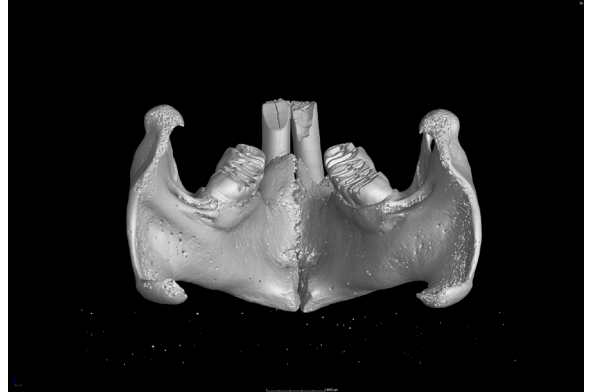
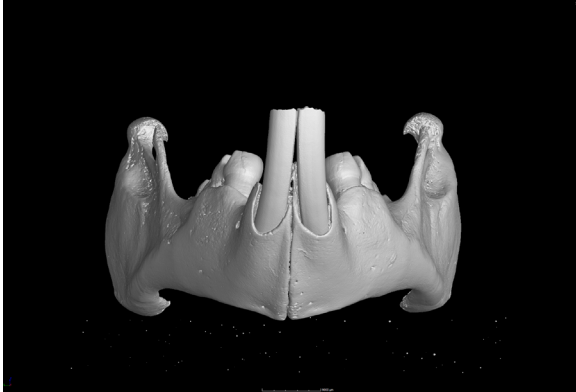


MSB 25848: *Erethizon dorsatum couesi*

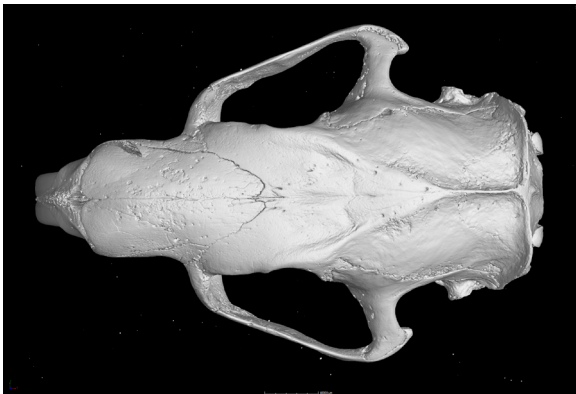
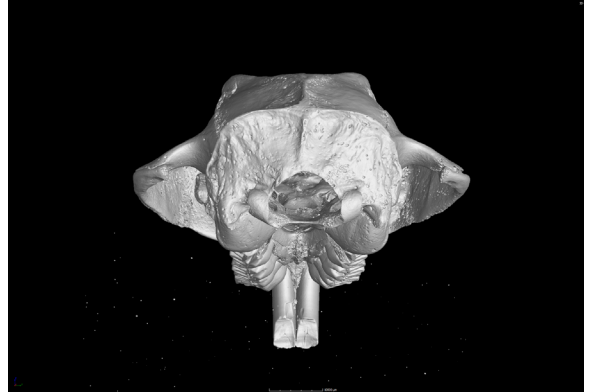
Full: 70 μ m resolution



Skull: 70 μ m resolution

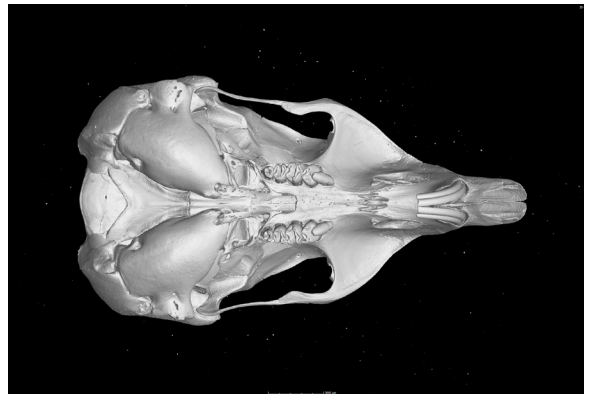
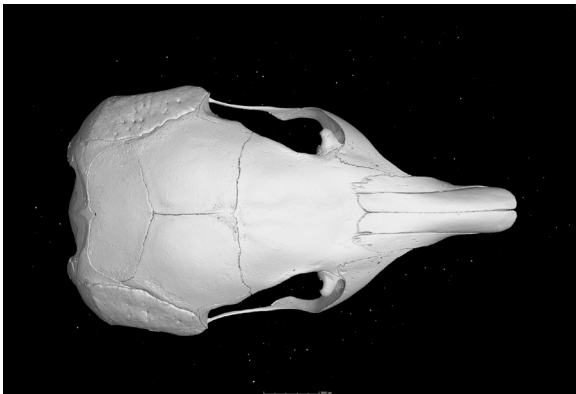


Jaw: 70 μ m resolution



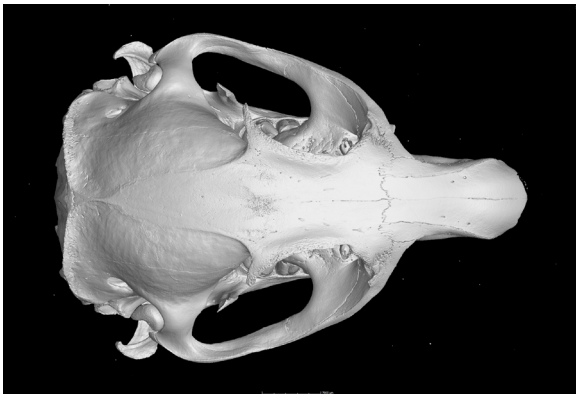
MSB 67806: *Chaetodipus intermedius*

Skull: 16 μ m resolution

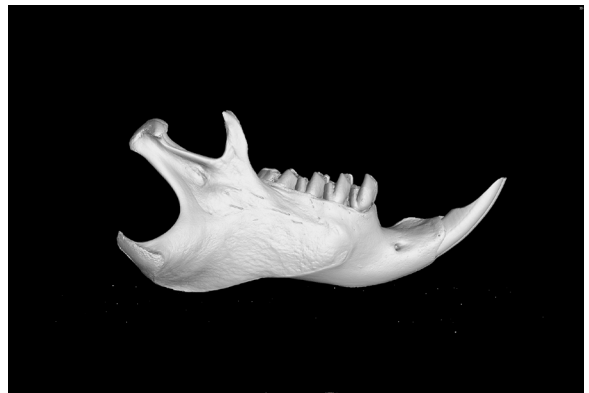
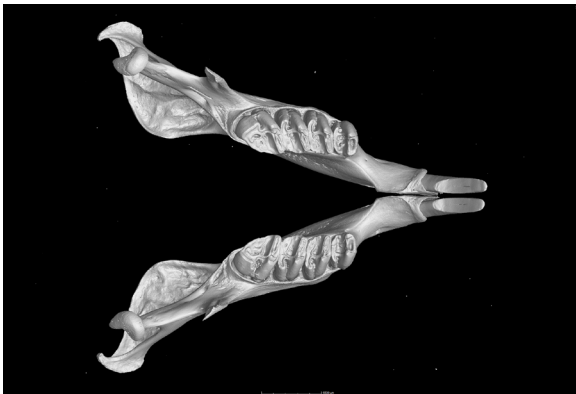


MSB 58994: *Cynomys gunnisoni*

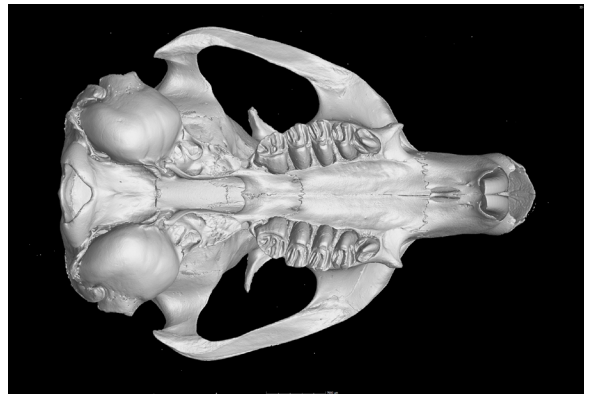
Full: 35 μ m resolution



Skull: 11 μm resolution



Jaw: 35 μ m resolution

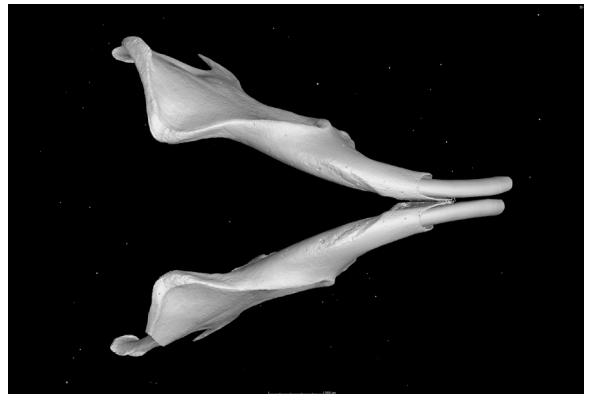
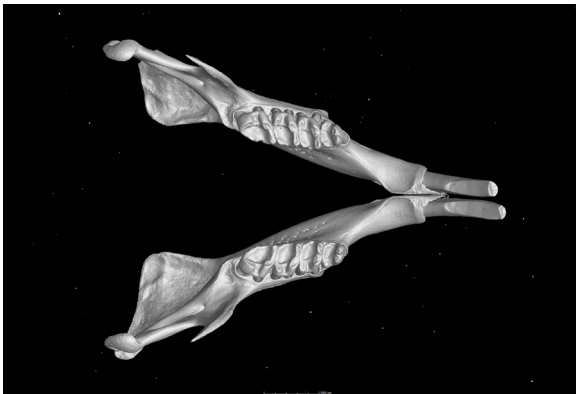


MSB 118156: *Ictidomys tridecemlineatus pallidus*

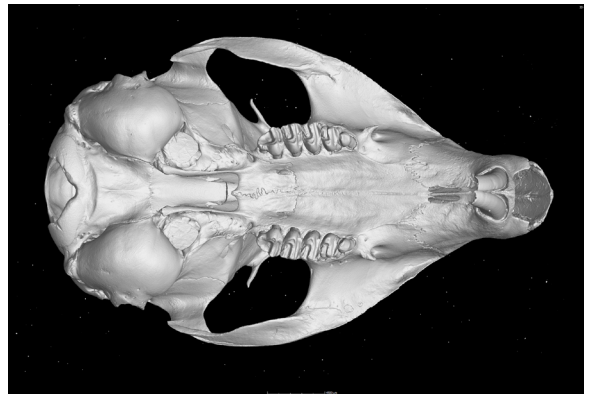
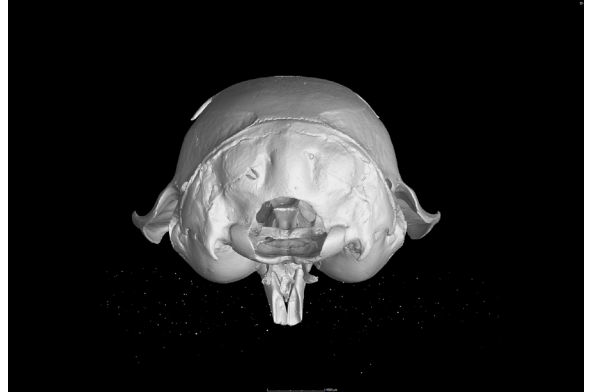
Full: 25 μ m resolution



Skull: 25 μ m resolution



Jaw: 25 μ m resolution

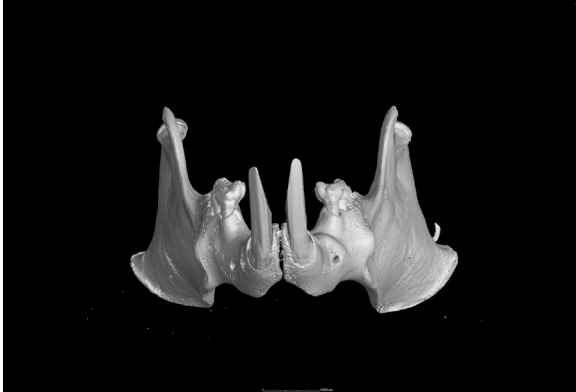


MSB 58082: *Marmota flaviventris obscura*

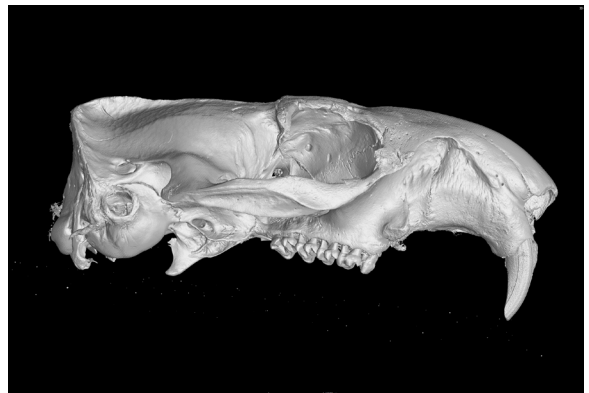
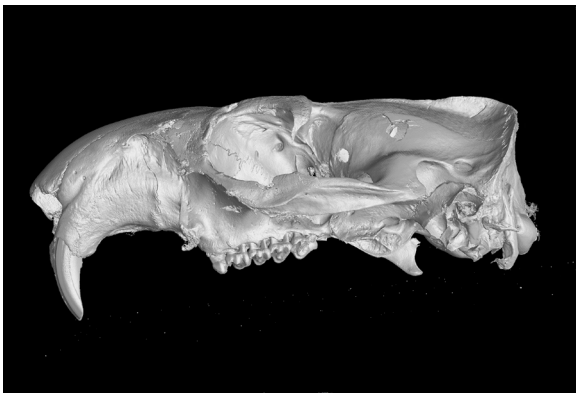
Full: 55 μ m resolution



Skull: 11 μm resolution

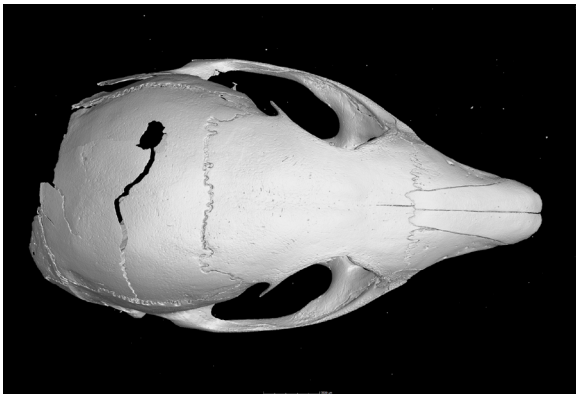
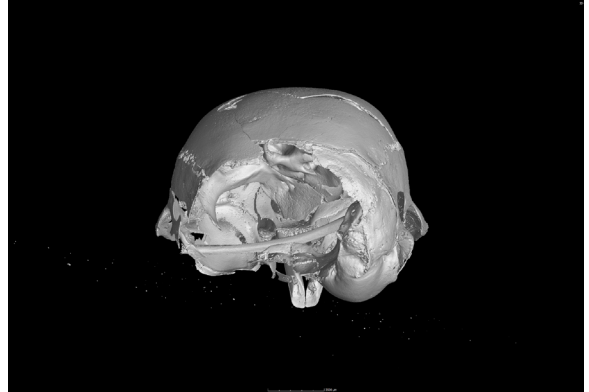


Jaw: 55 μ m resolution

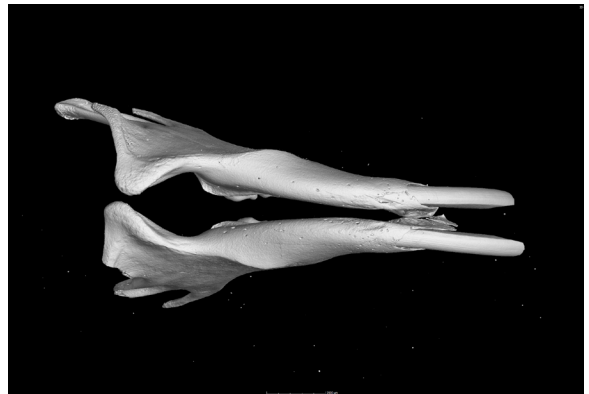
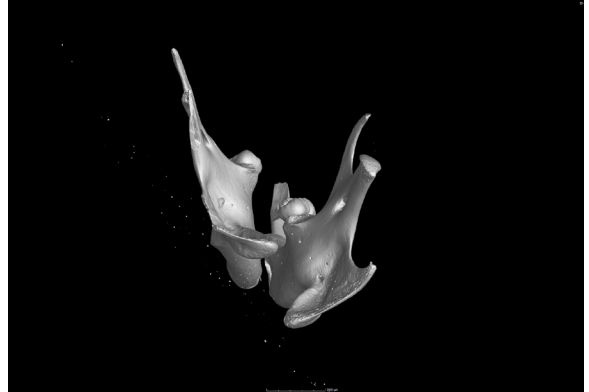


MSB 66254: *Tamias minimus*

Skull: 20 μ m resolution



NA: NA μm resolution



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