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# X-Ray CT Scans - Bats - Set 2

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## Abstract

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

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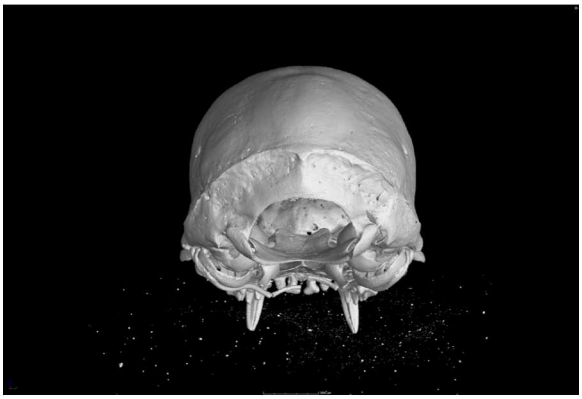
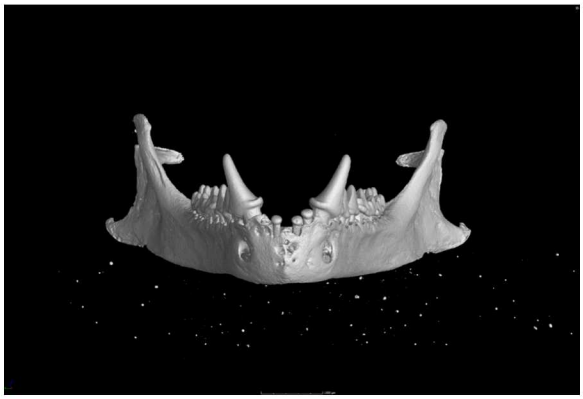
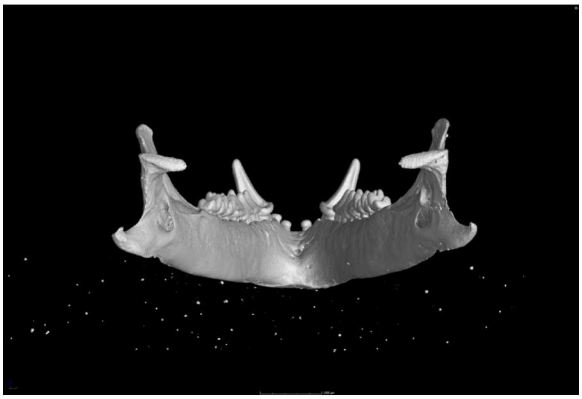
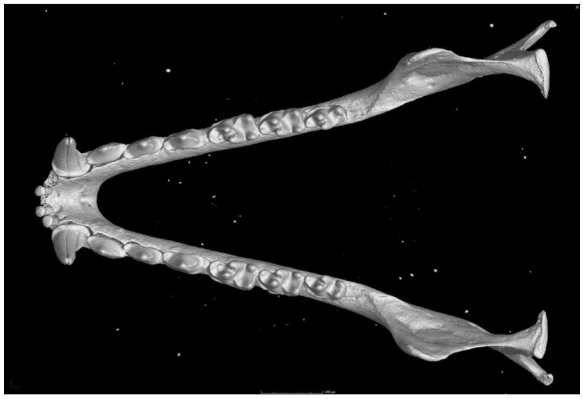
**MSB 16947: *Glossophaga commissarisi***

Skull: 15 µm resolution

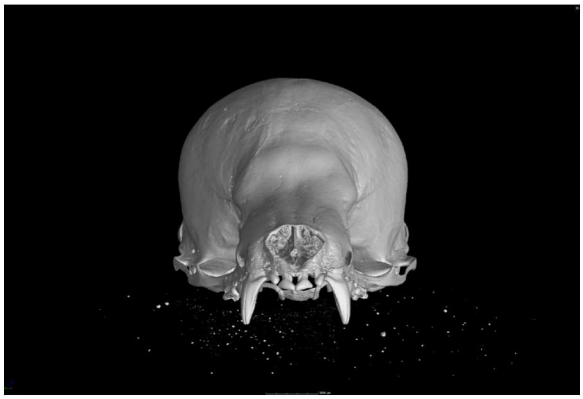
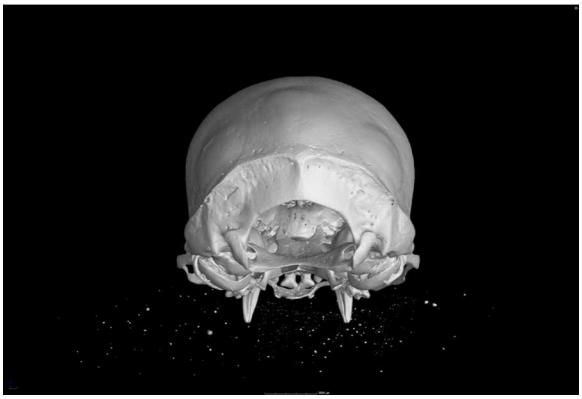
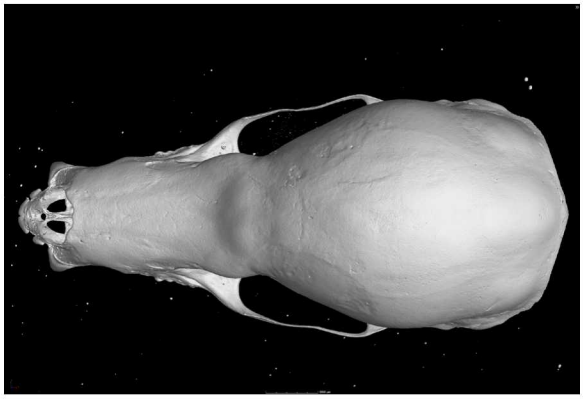
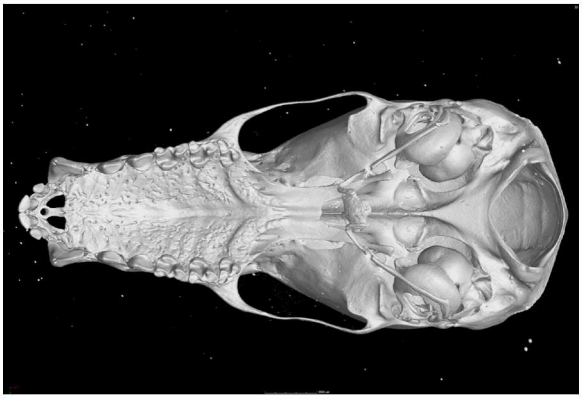
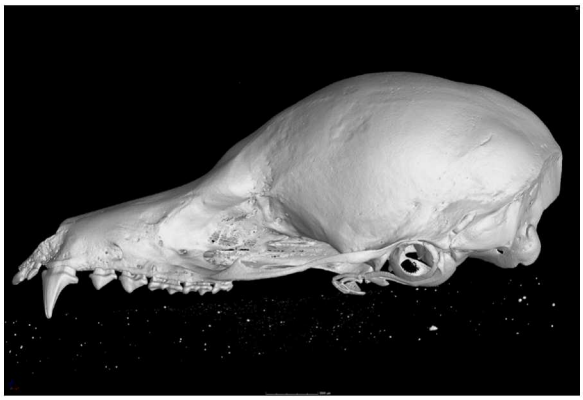


Jaw: 15 μm resolution

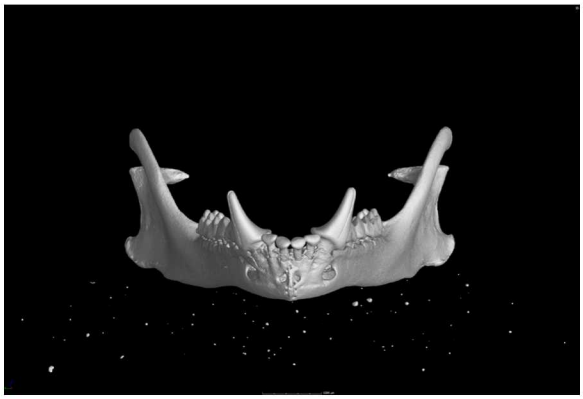
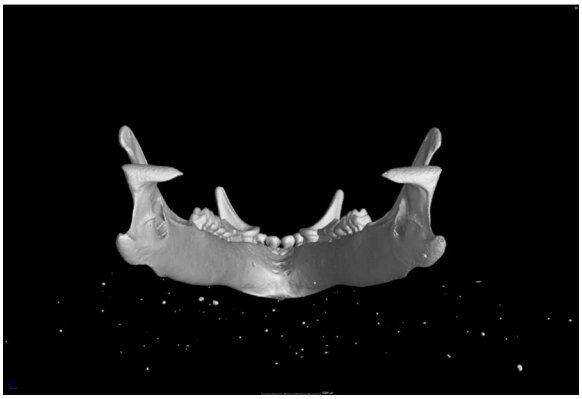
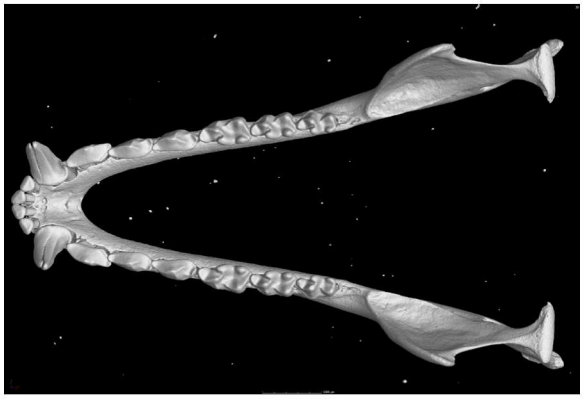
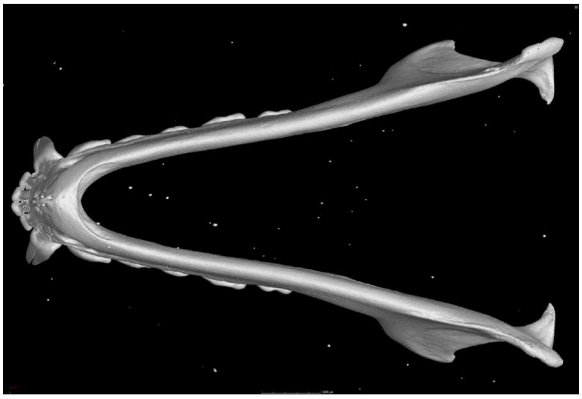




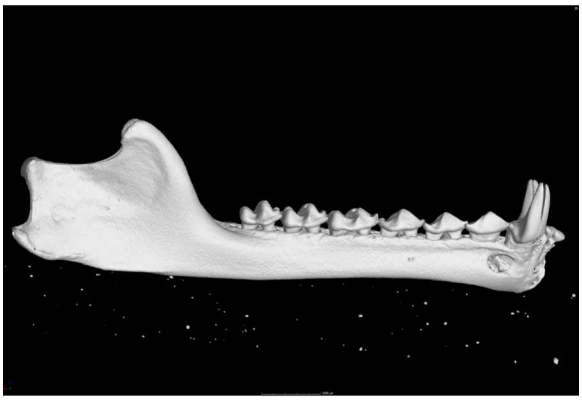

**MSB 22573: *Glossophaga leachii***

Skull: 14 µm resolution

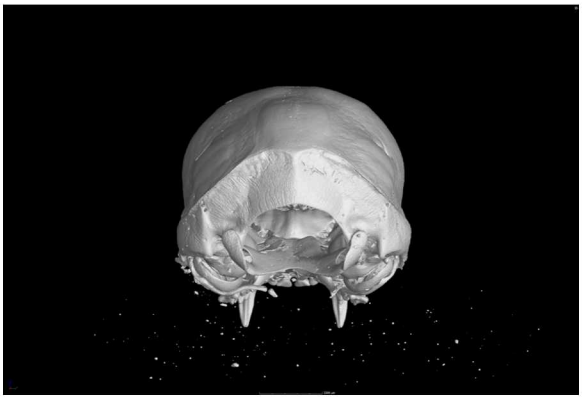
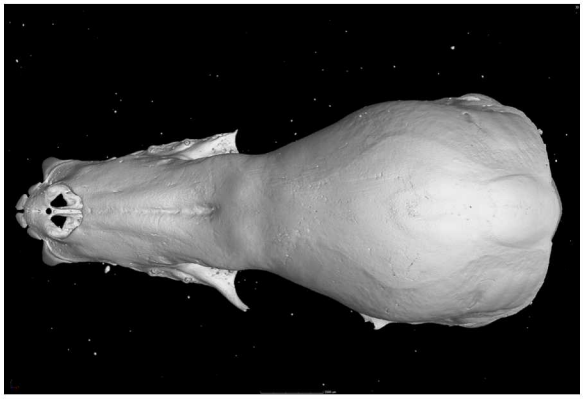
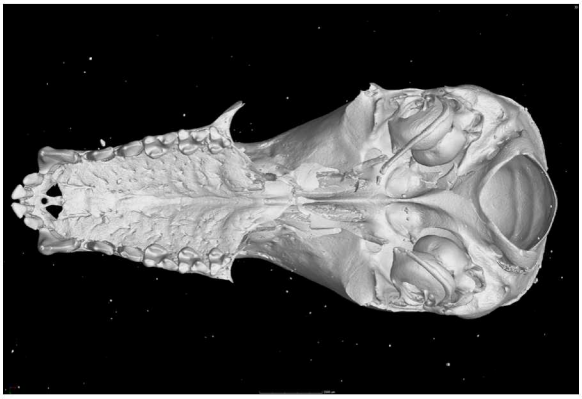
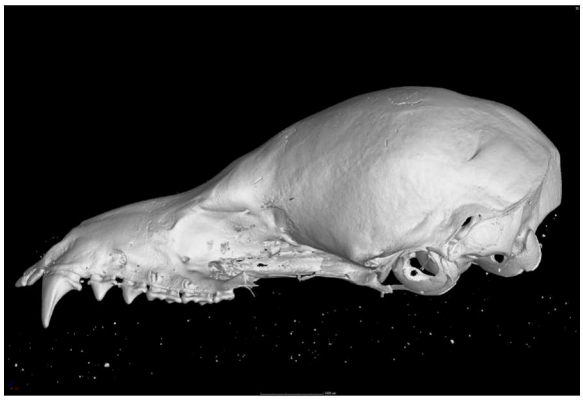
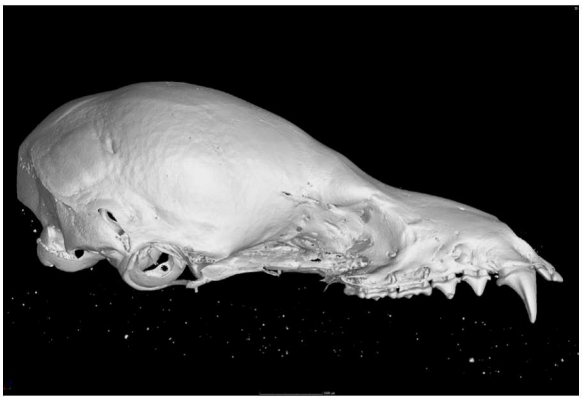

Jaw: 14 μm resolution

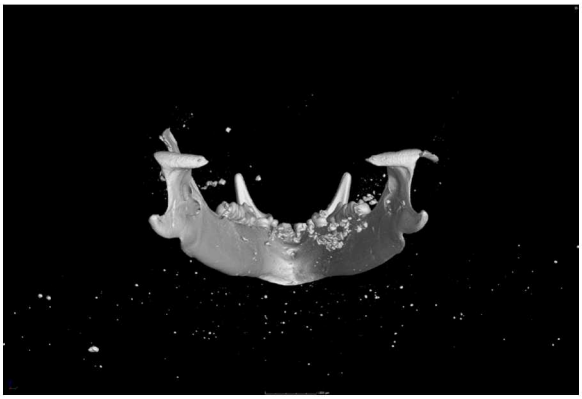
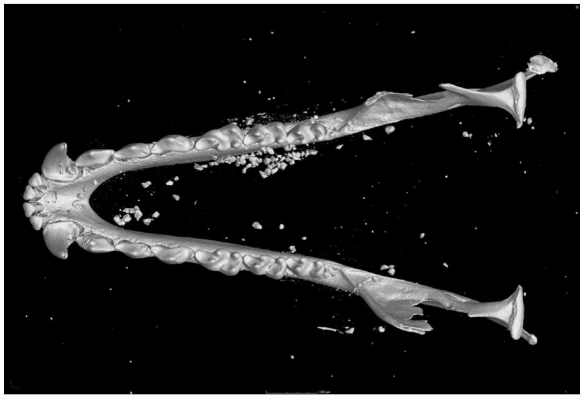
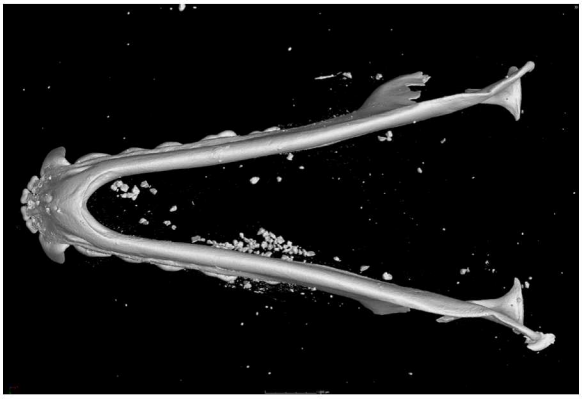
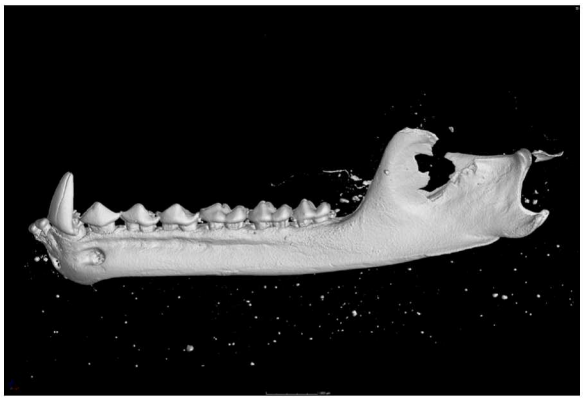


**MSB 160707: *Glossophaga longirostris***

Skull: 15 µm resolution

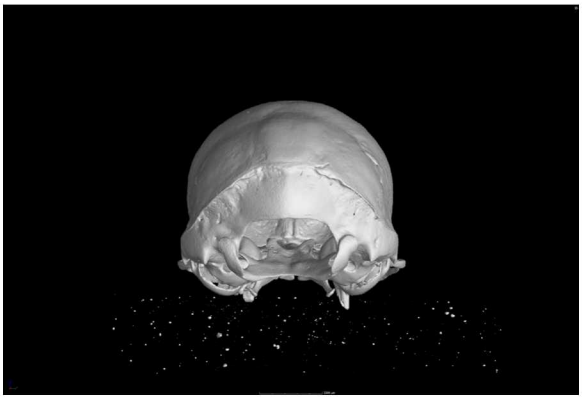
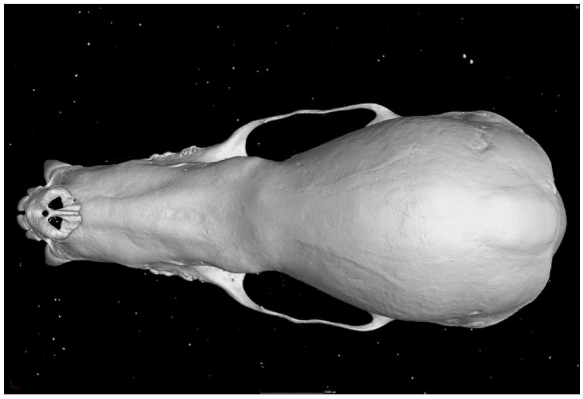







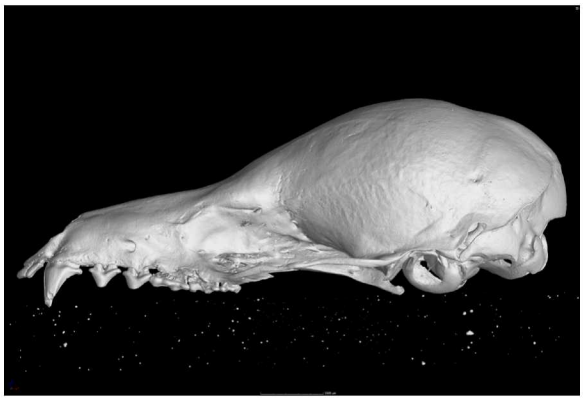
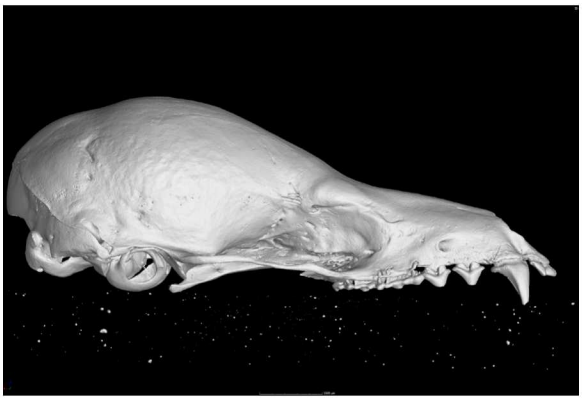
Jaw: 15 μm resolution

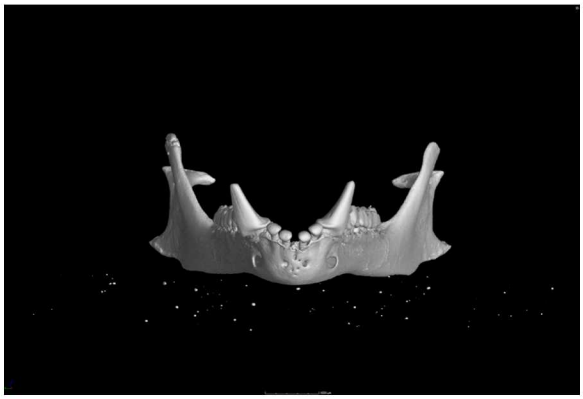
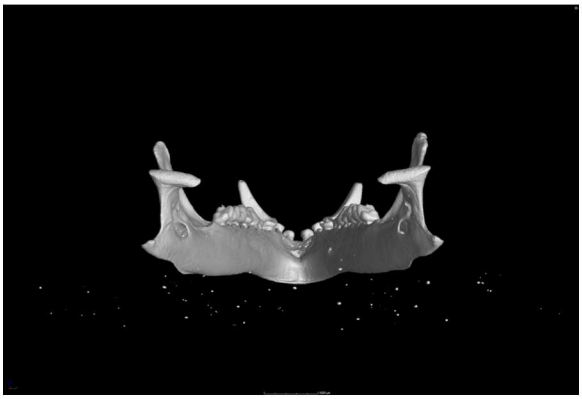
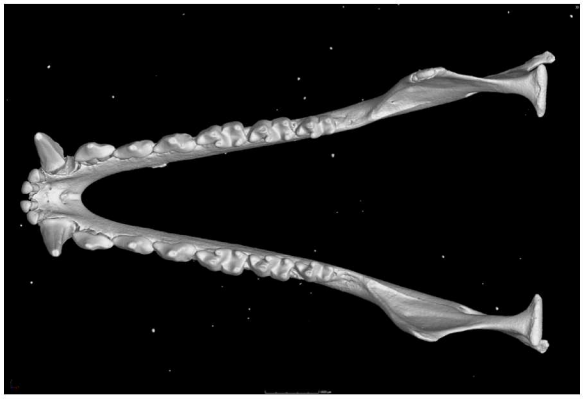
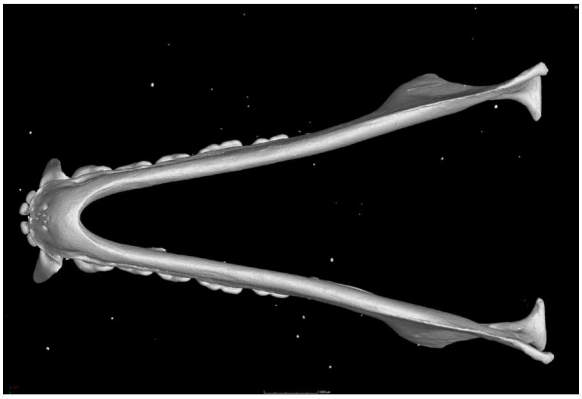

**MSB 27565: *Glossophaga mexicana***

Skull: 15 µm resolution

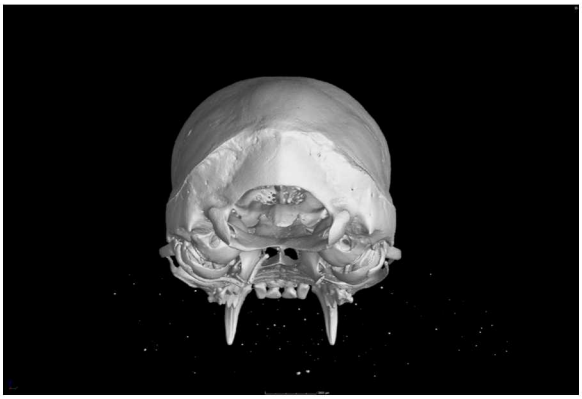
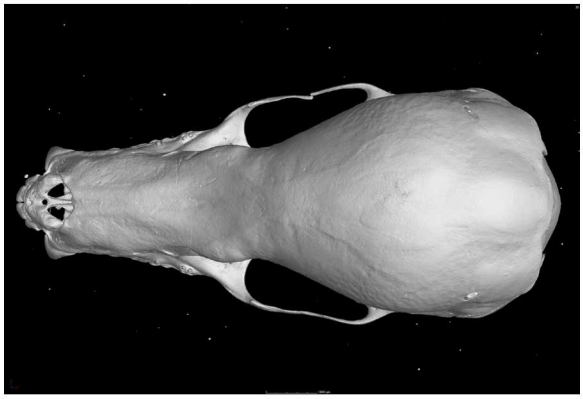



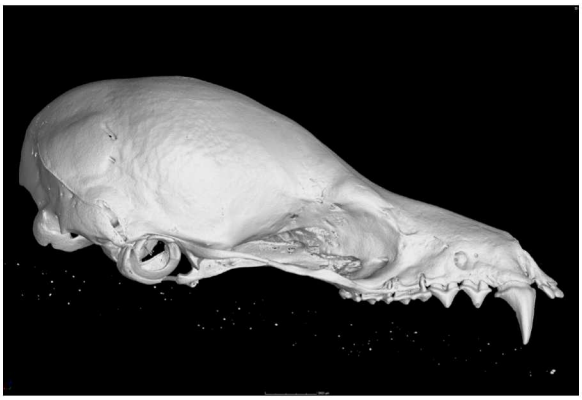
Jaw: 15 μm resolution

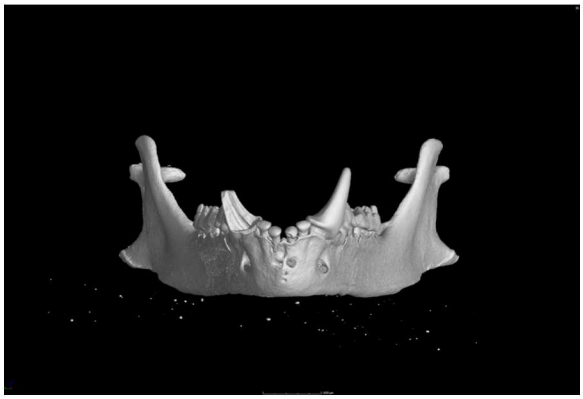
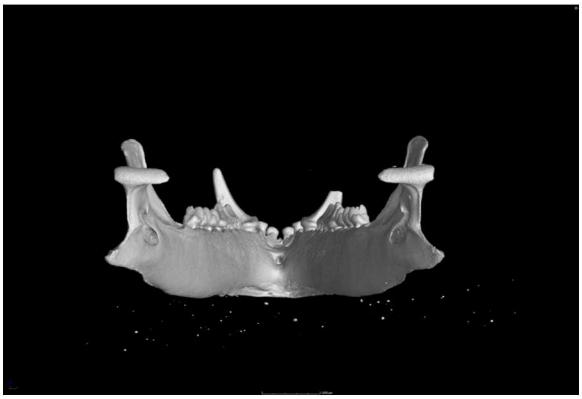
**MSB 27556: *Glossophaga morenou***

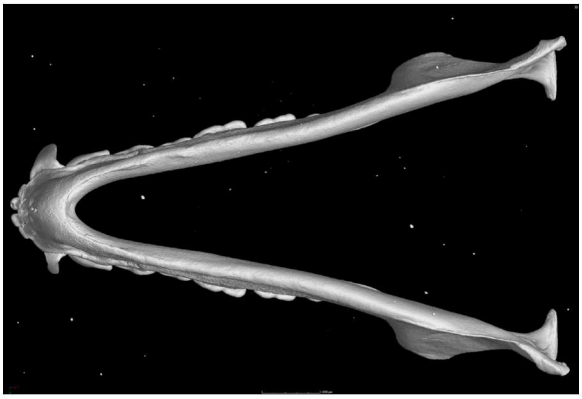
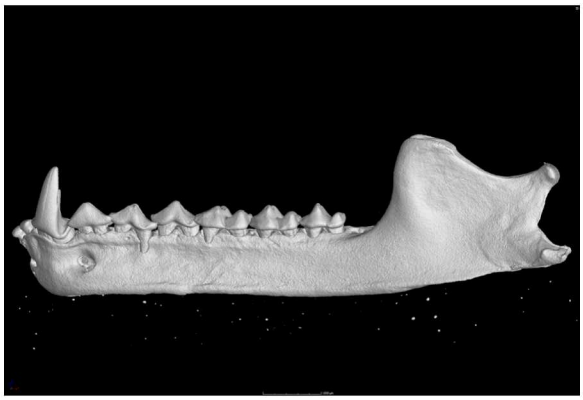
Skull: 12 µm resolution

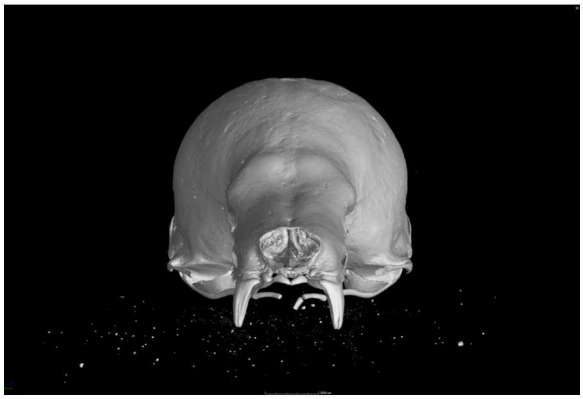
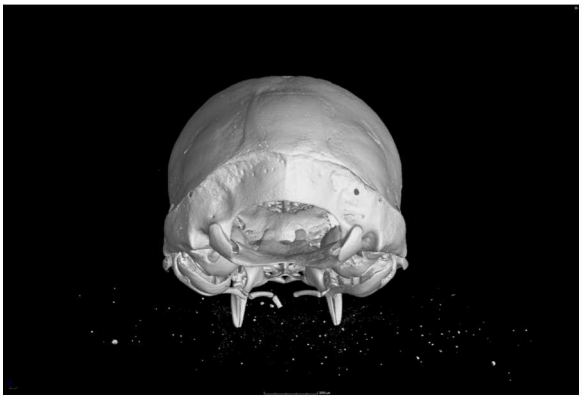
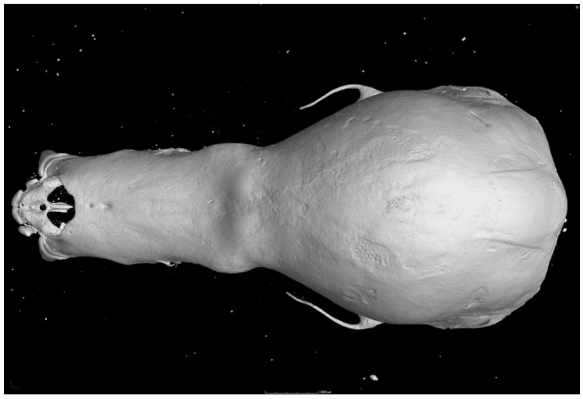
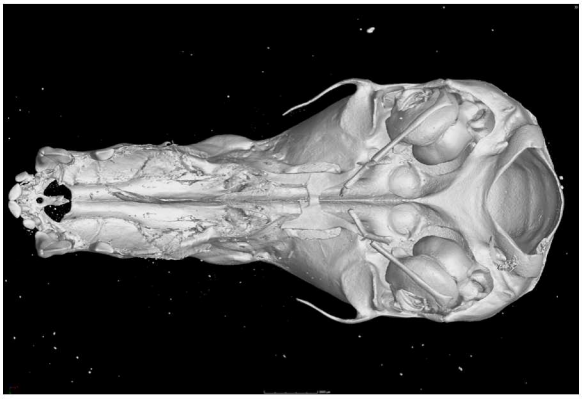
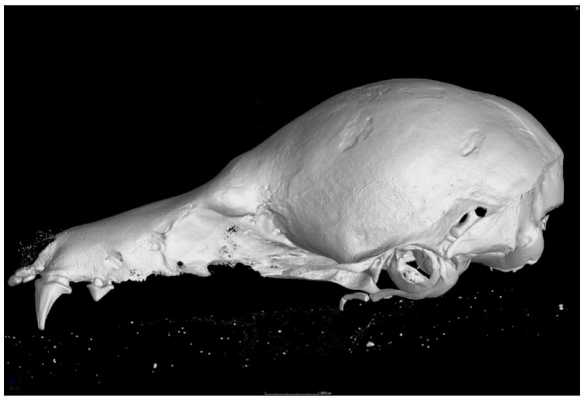
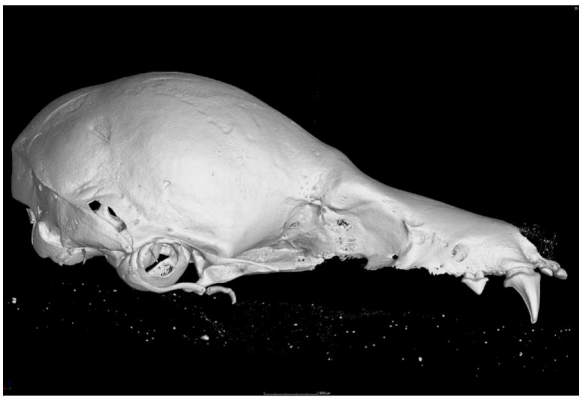
Jaw: 12 μm resolution

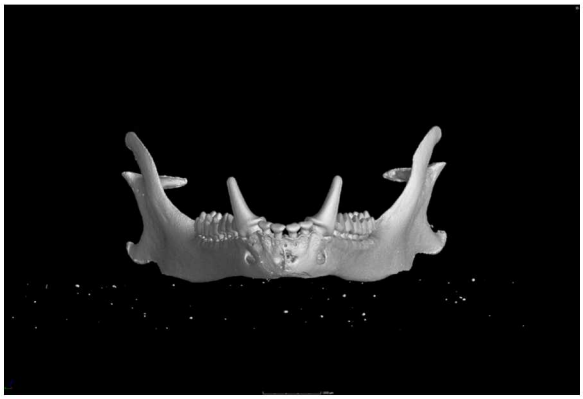
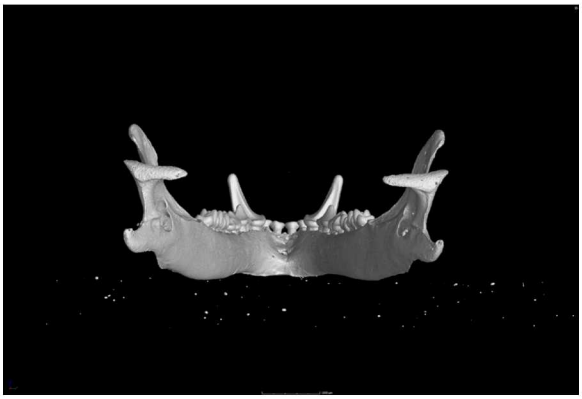
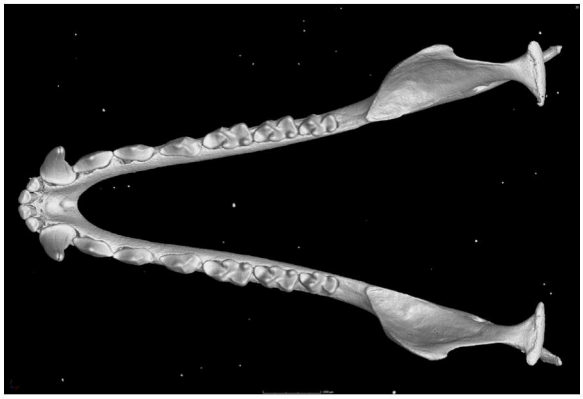
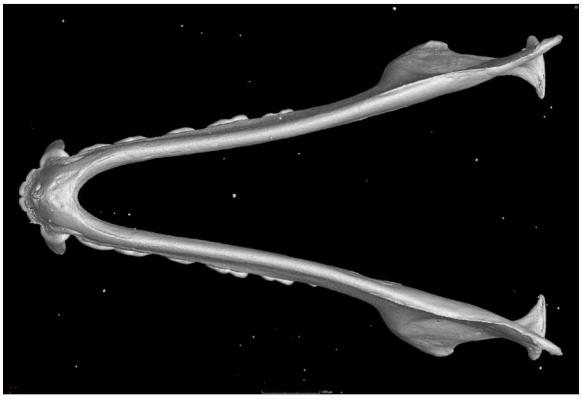
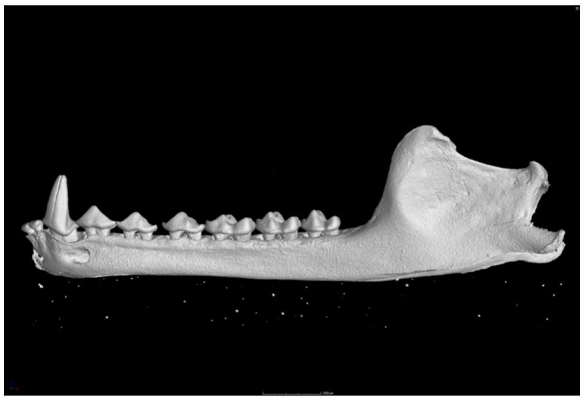
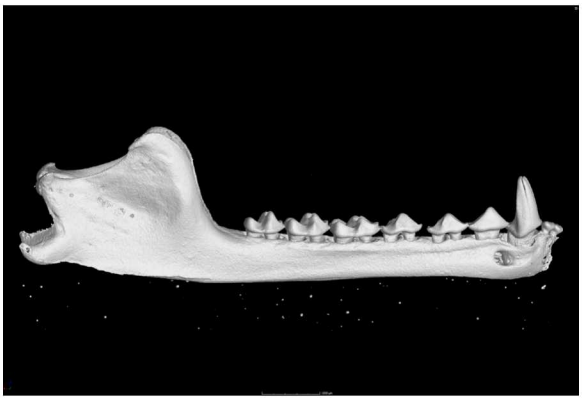




**MSB 16957: *Glossophaga soricina***

Skull: 13 µm resolution

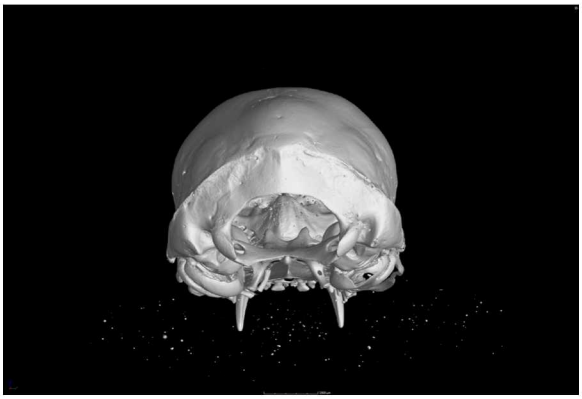







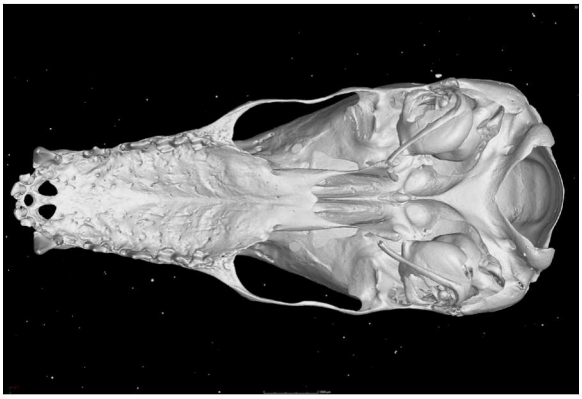
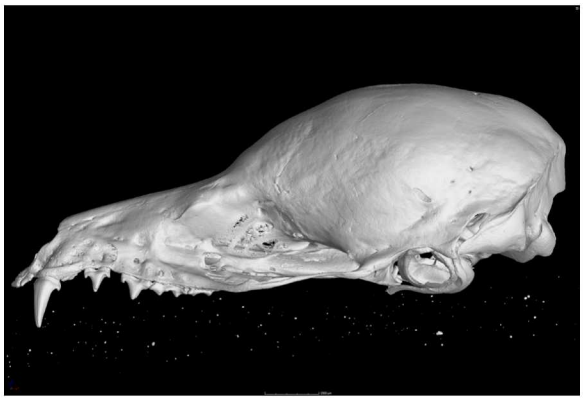
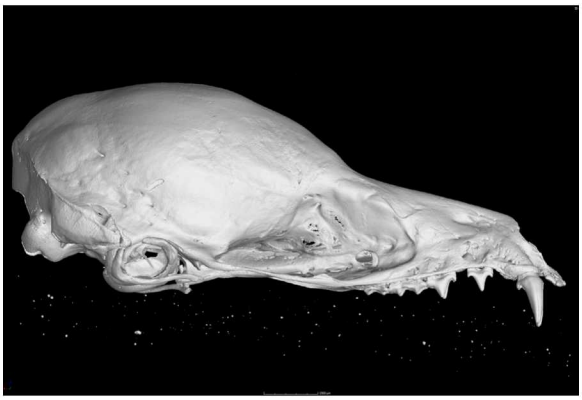
Jaw: 13 µm resolution

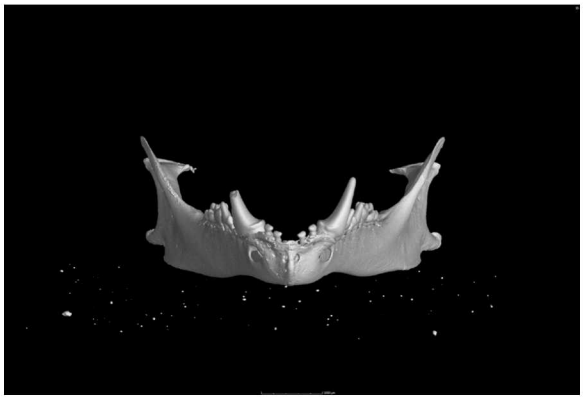
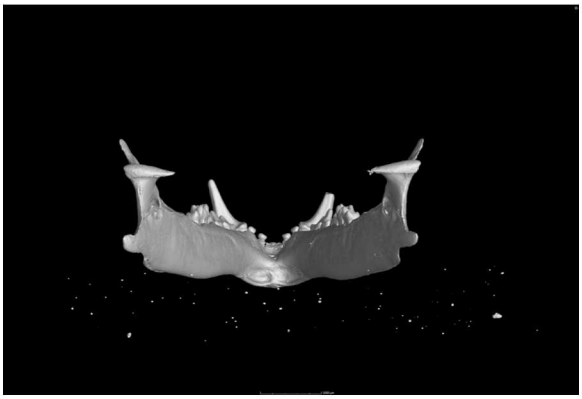
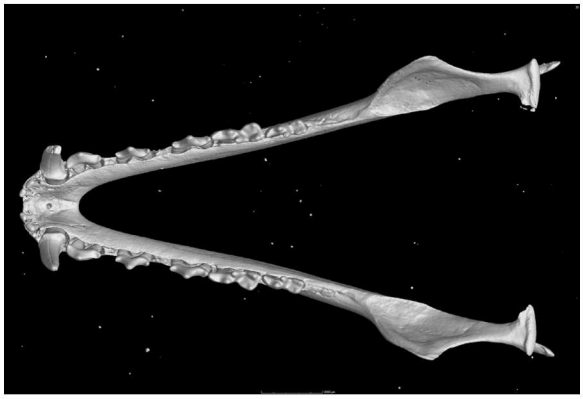
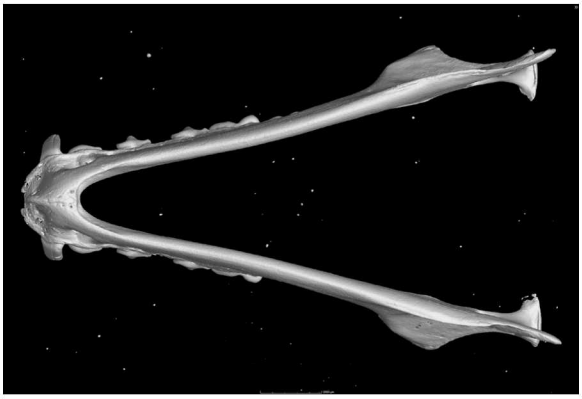
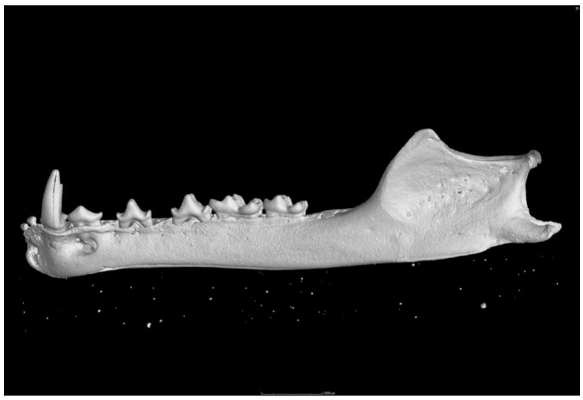
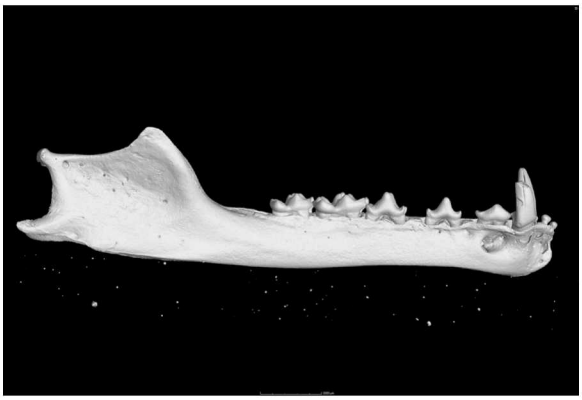
**MSB 17915: *Leptonycteris curasoae***

Skull: 16 µm resolution

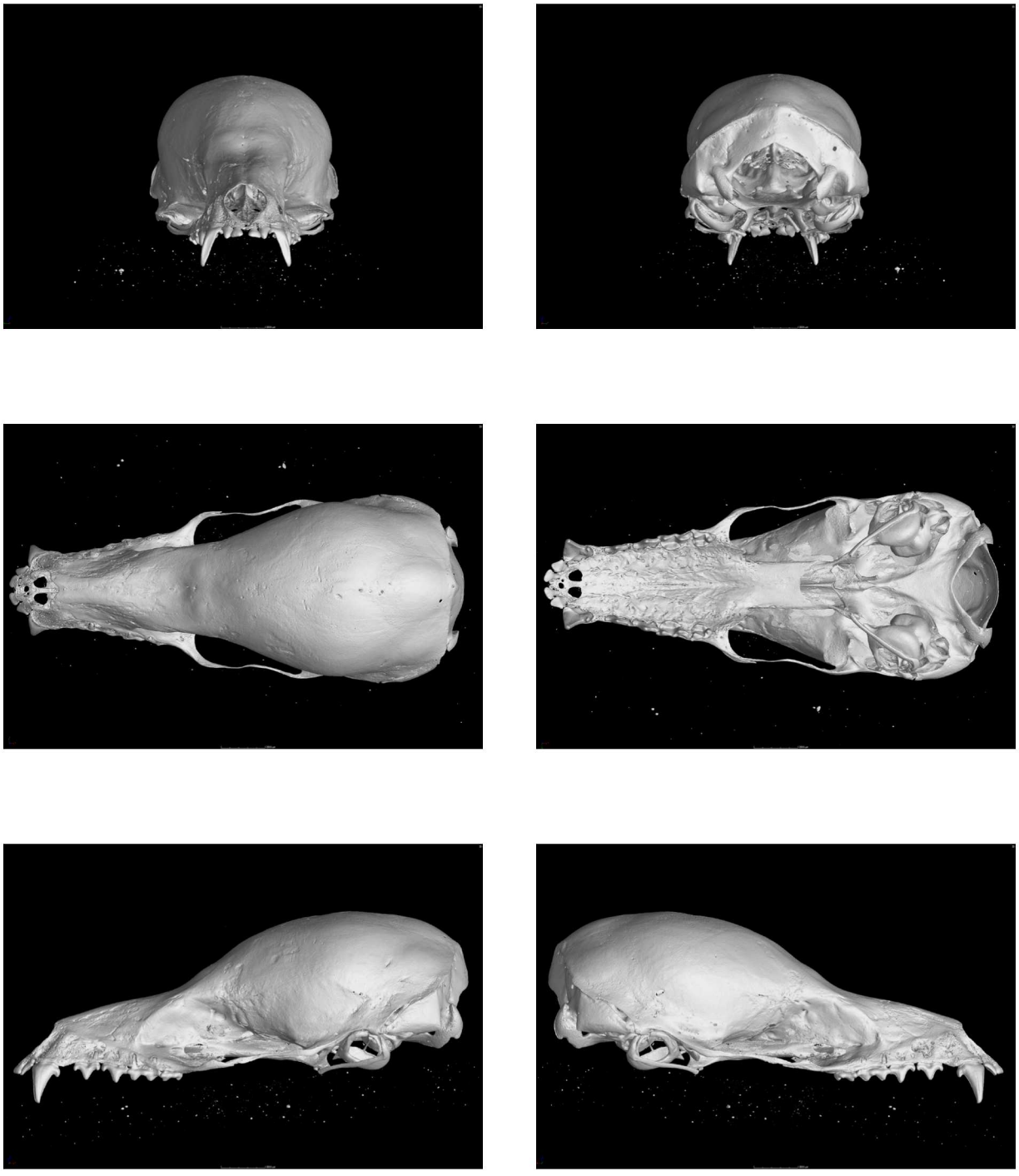




Jaw: 16 μm resolution

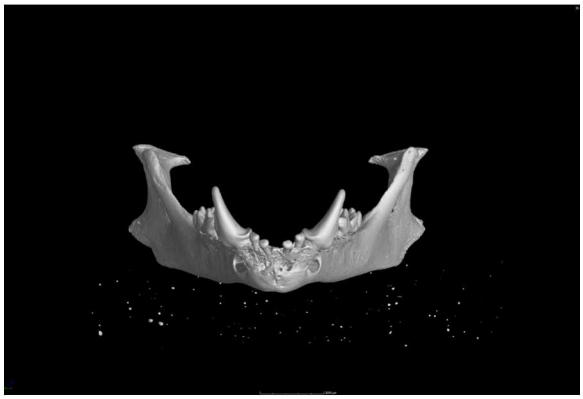
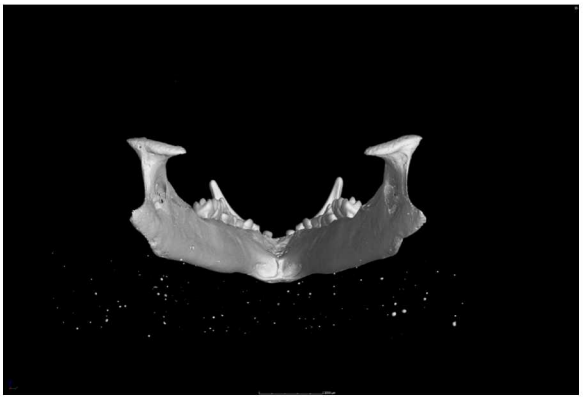
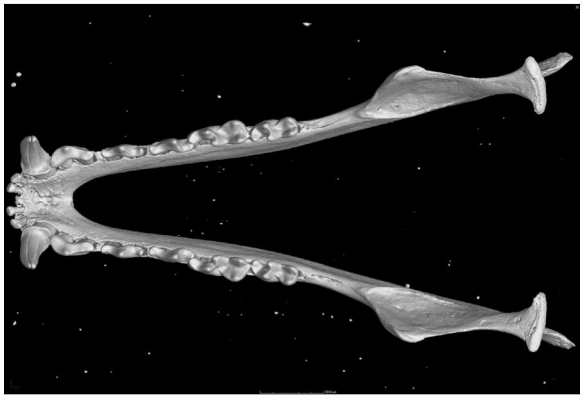
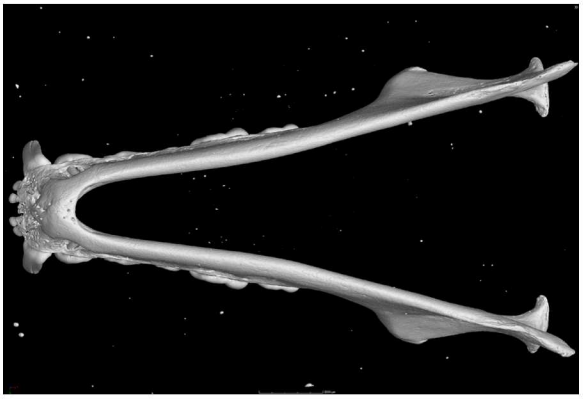
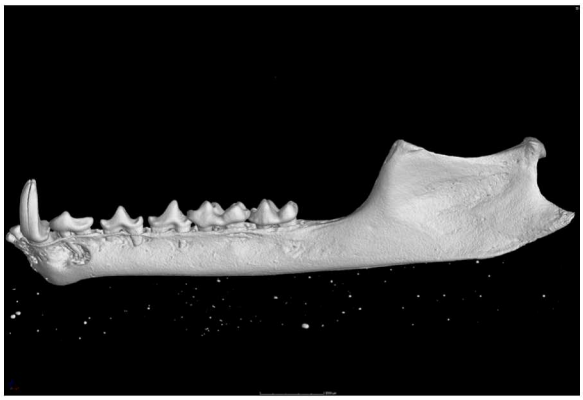
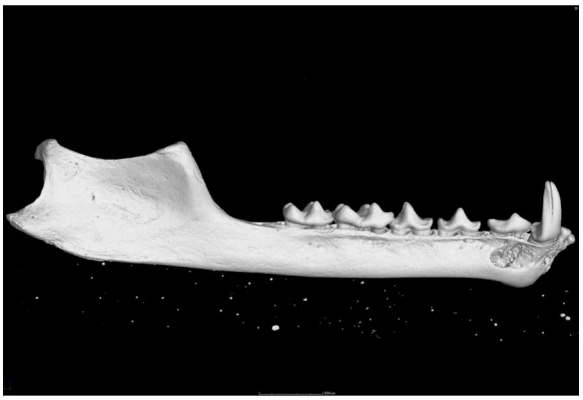







**MSB 27551: *Leptonycteris sanborni***

Skull: 15 µm resolution

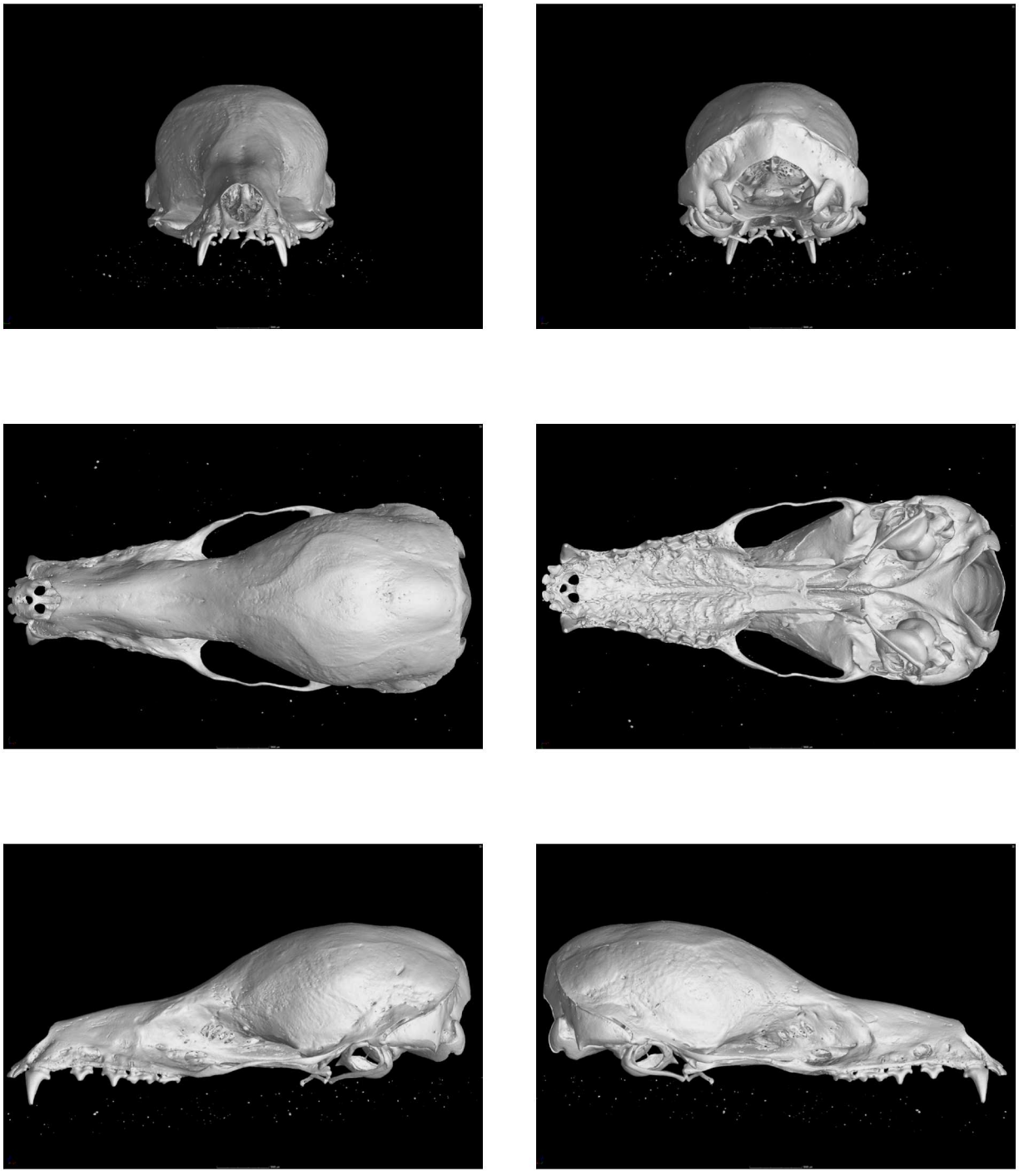


Jaw: 15 µm resolution

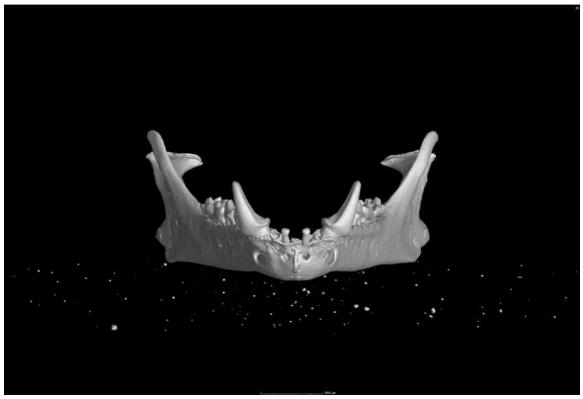
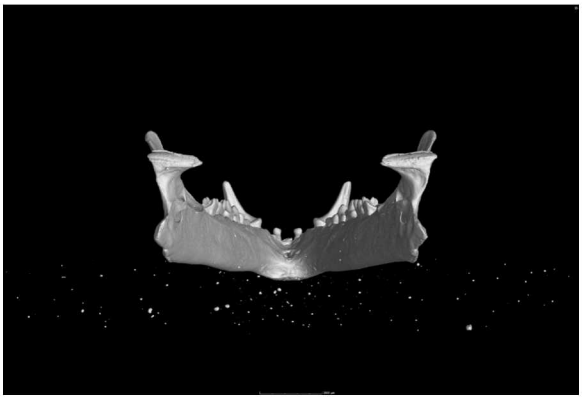
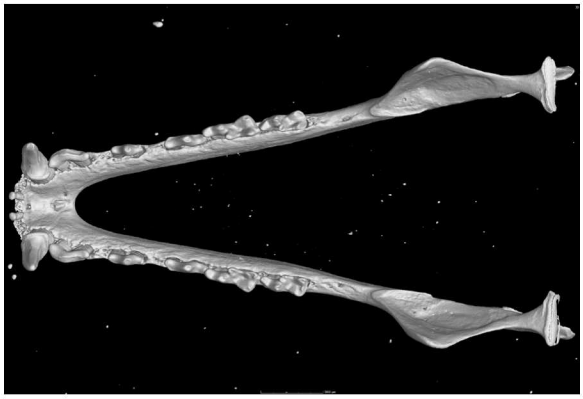
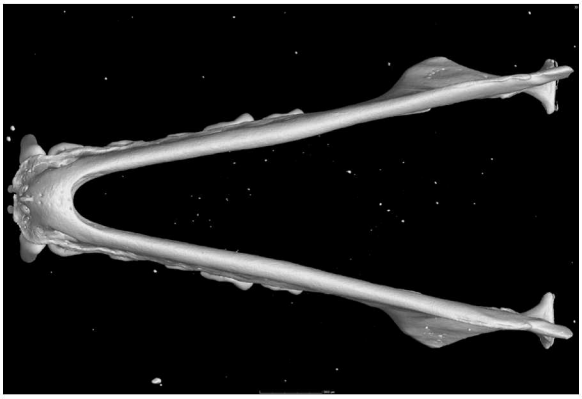
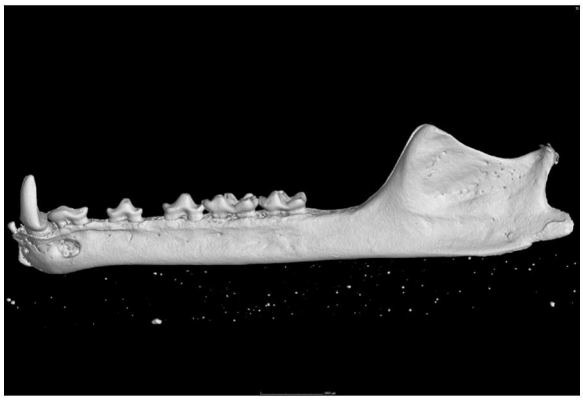
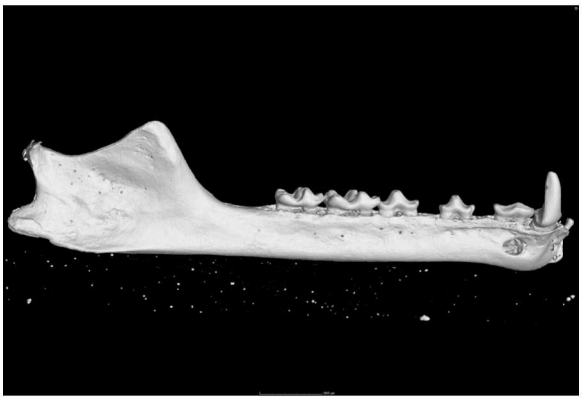







**MSB 160722: *Leptonycteris yerbabuenae***

Skull: 16 µm resolution

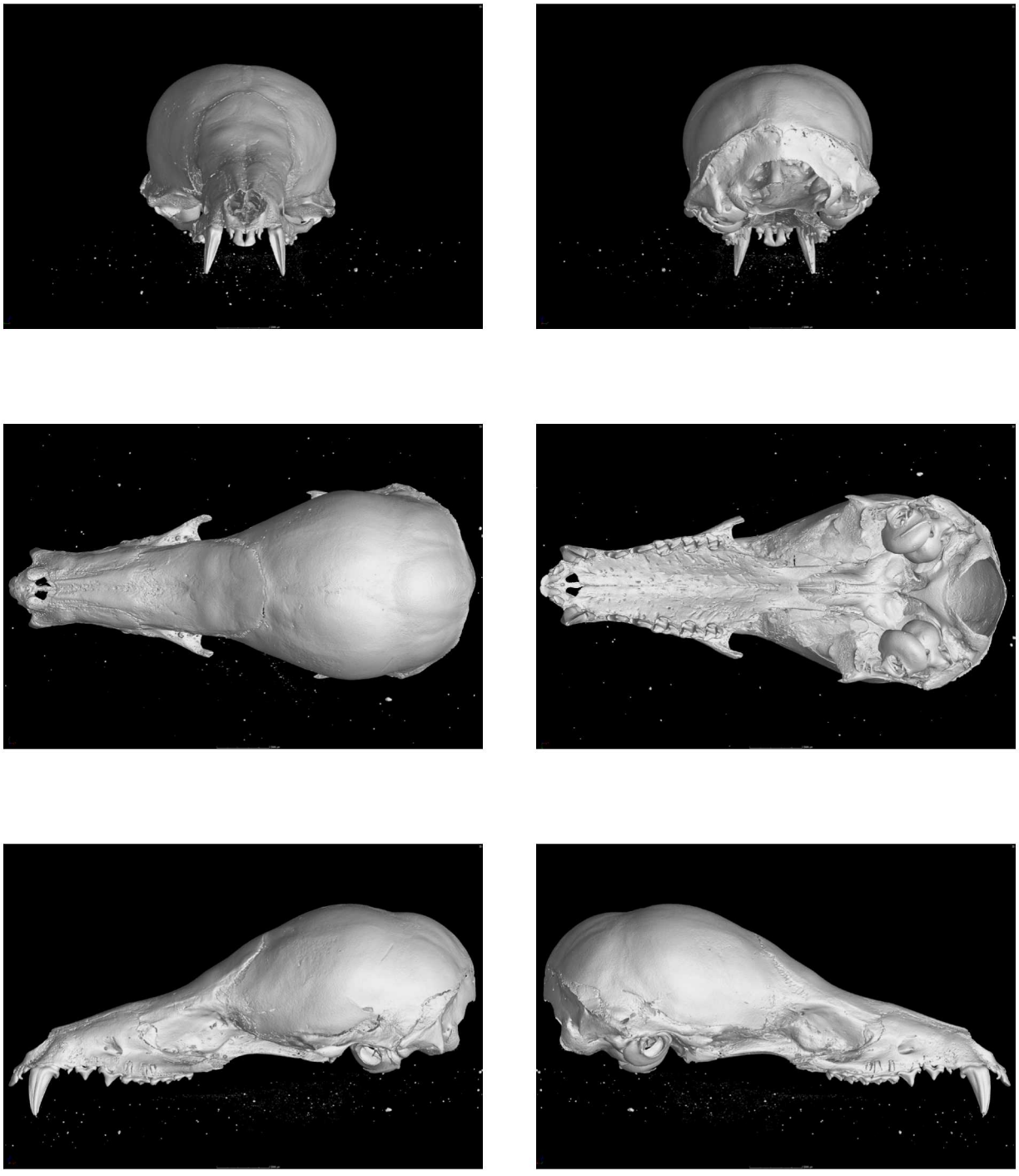


Jaw: 16 μm resolution

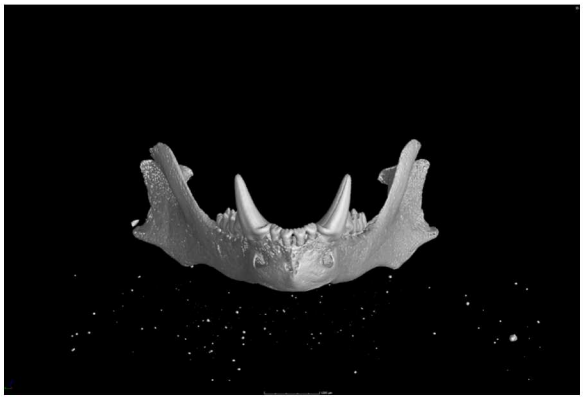
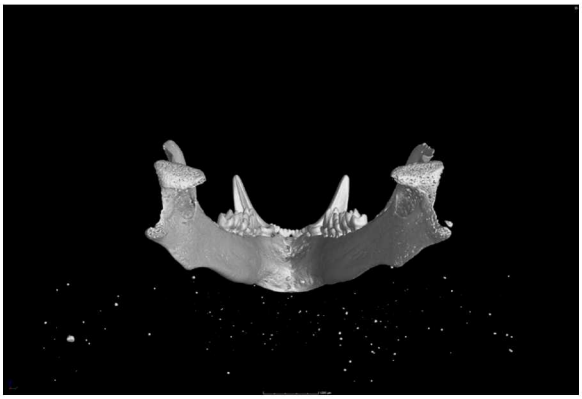
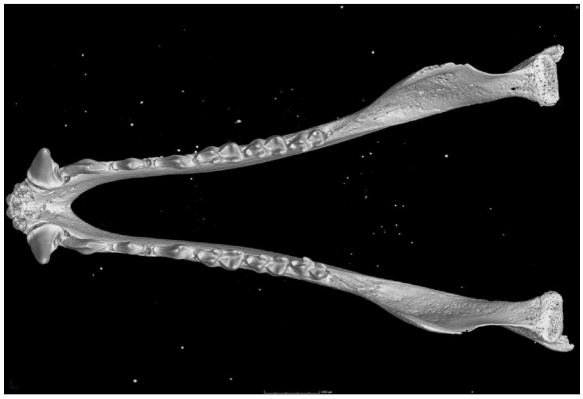







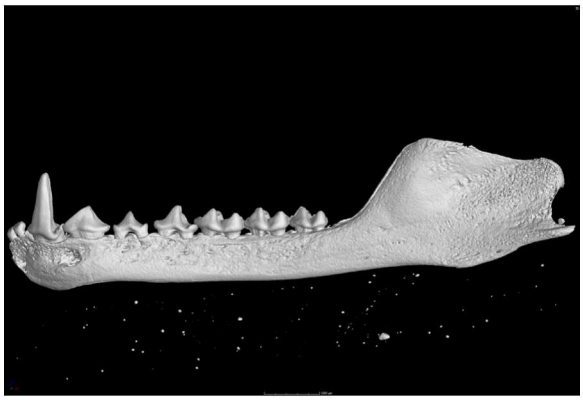
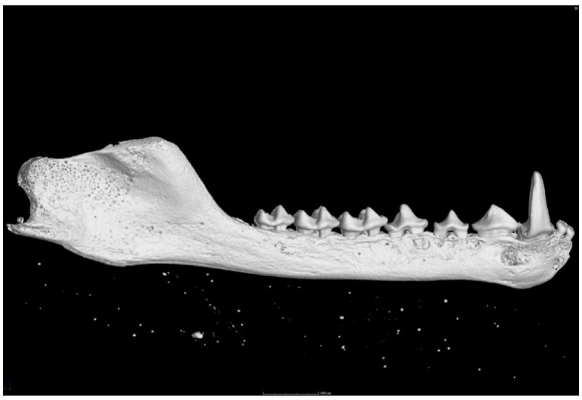
**MSB 26788: *Lonchophylla concava***

Skull: 15 µm resolution



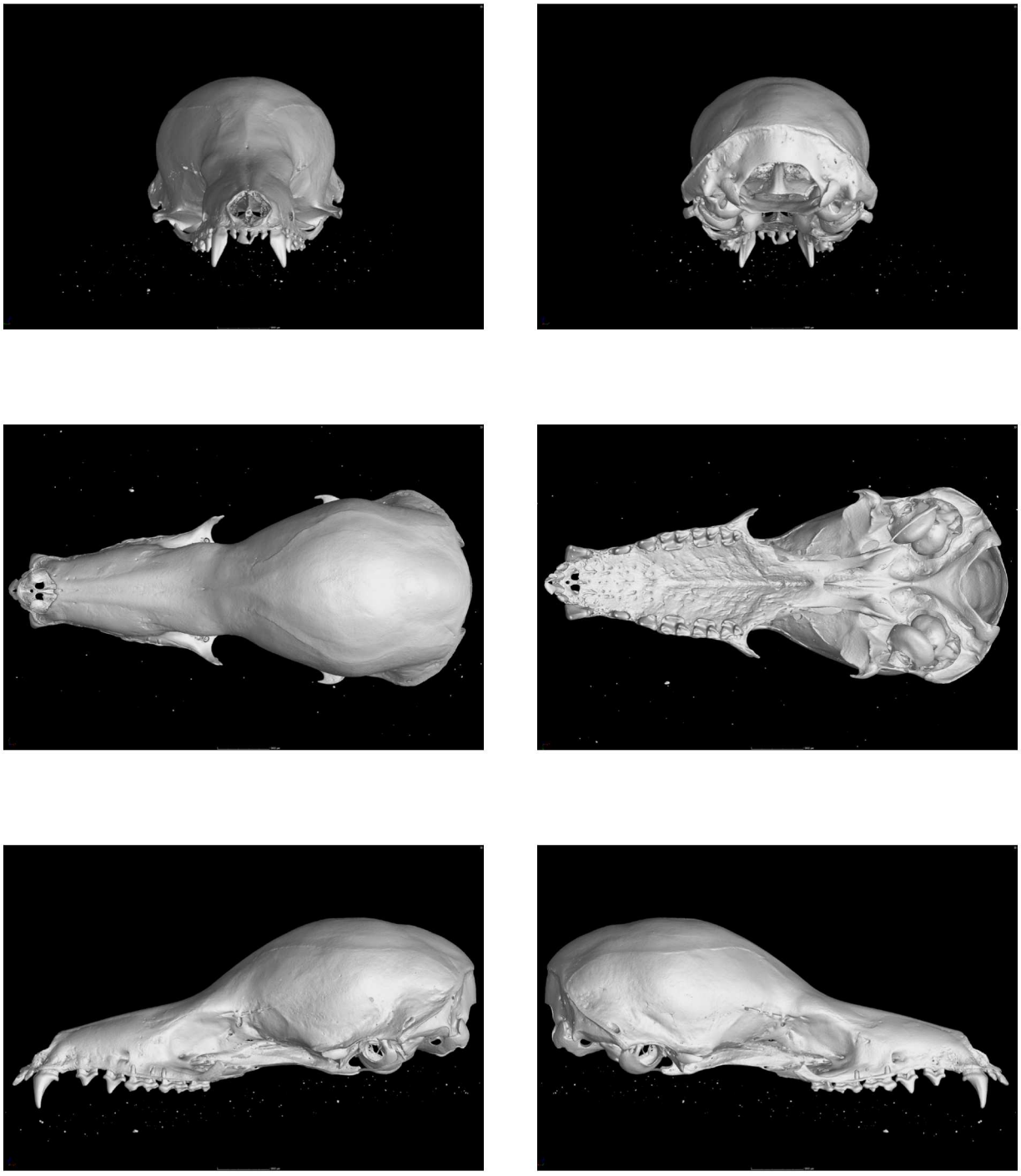
Jaw: 15 µm resolution

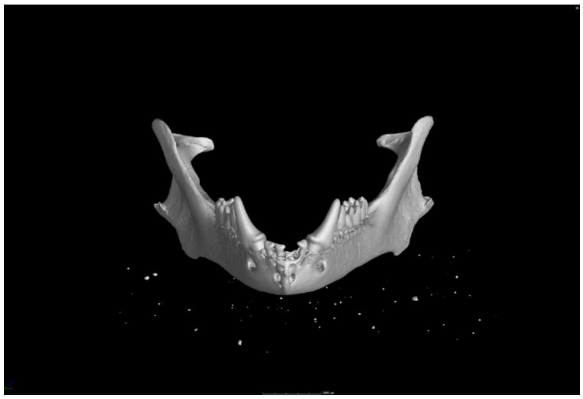
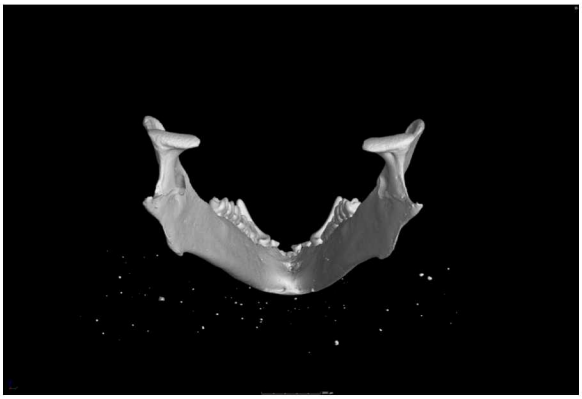
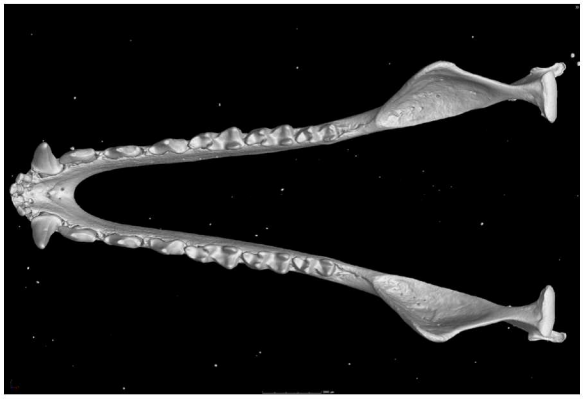
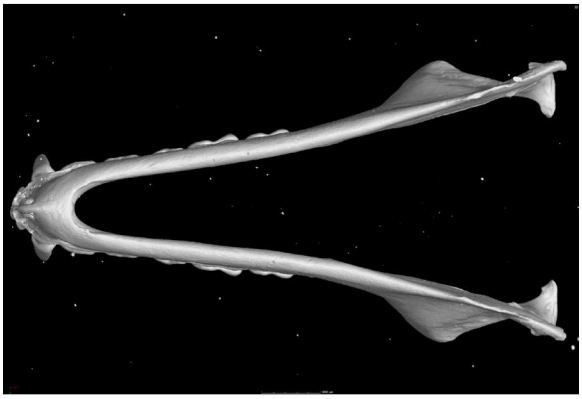



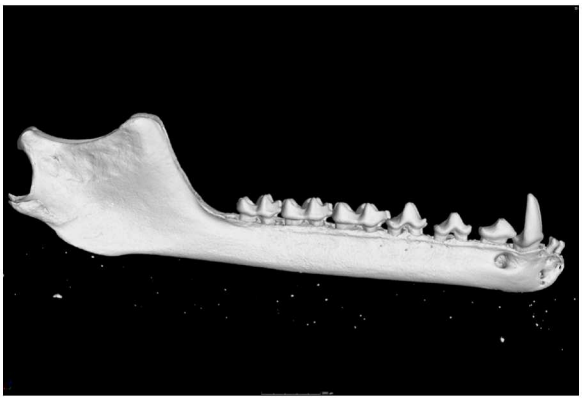
**MSB 49935: *Lonchophylla handleyi***

Skull: 16 µm resolution



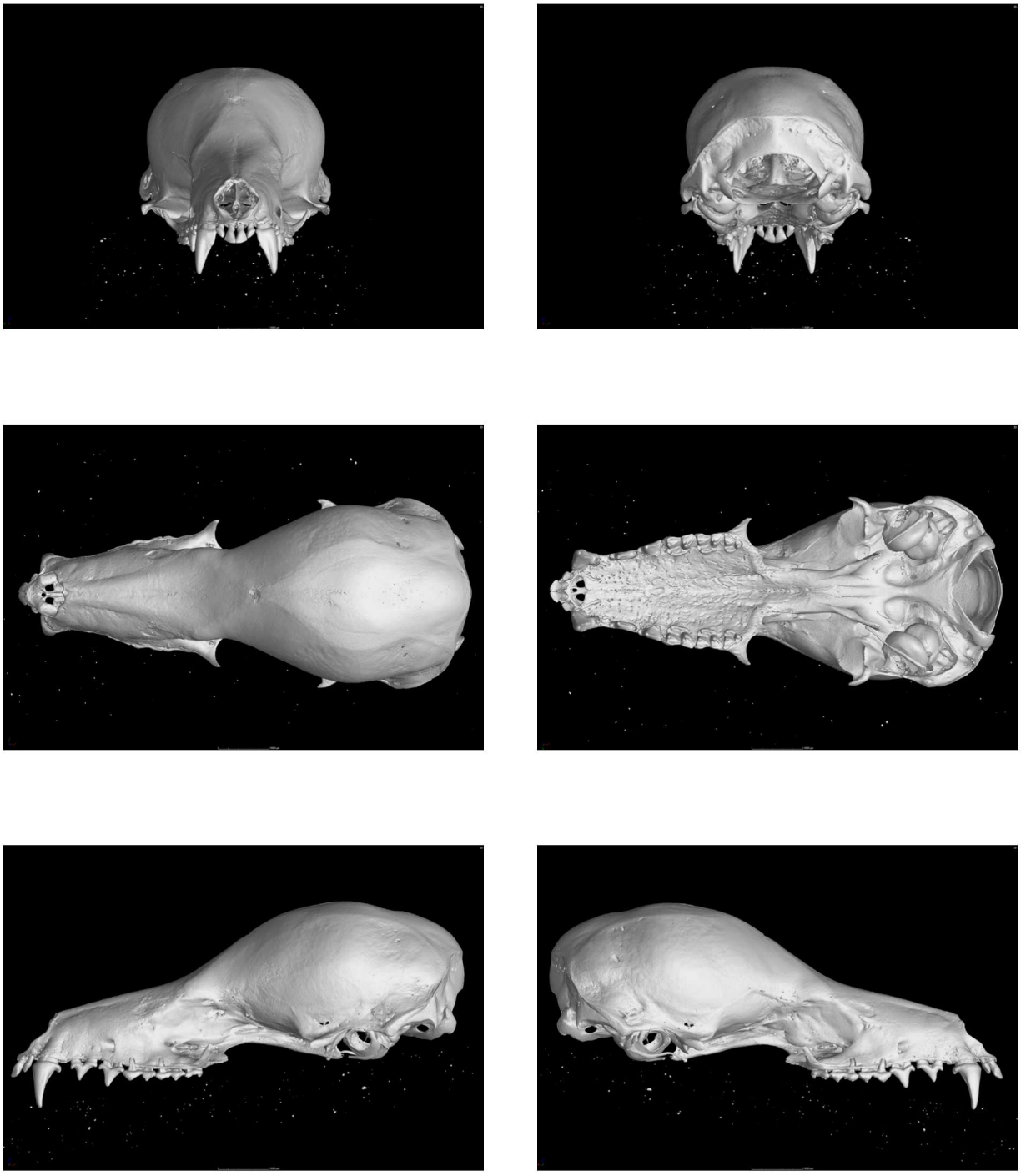
Jaw: 16 μm resolution

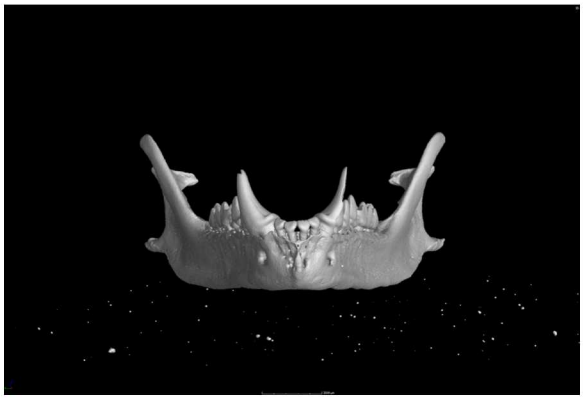
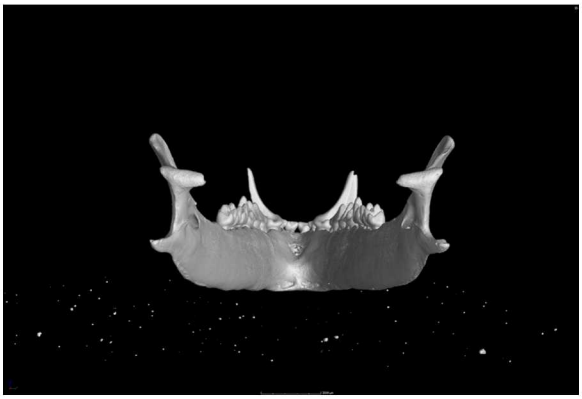
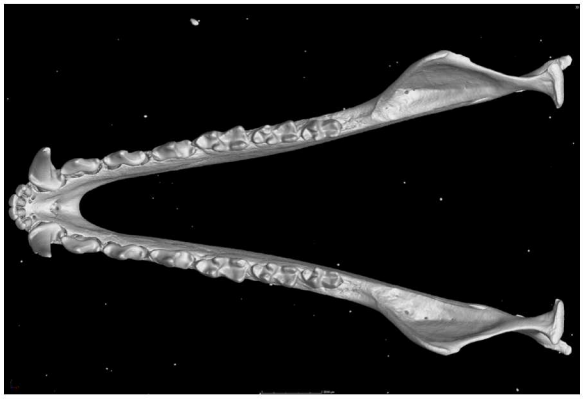
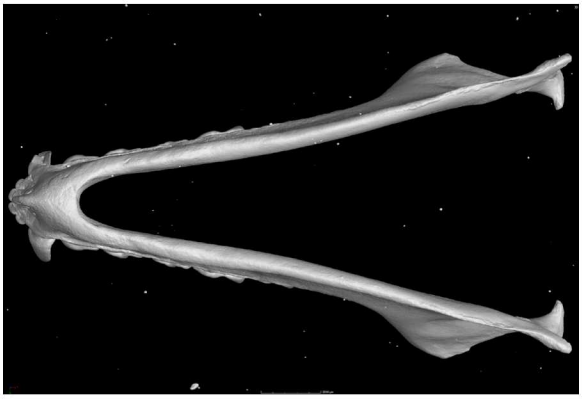
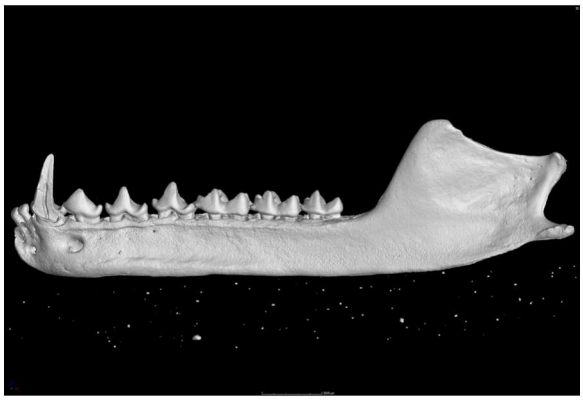
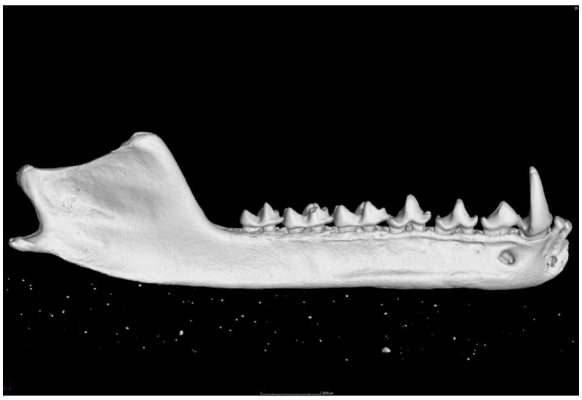


**MSB 28348: *Lonchophylla robusta***

Skull: 18 µm resolution

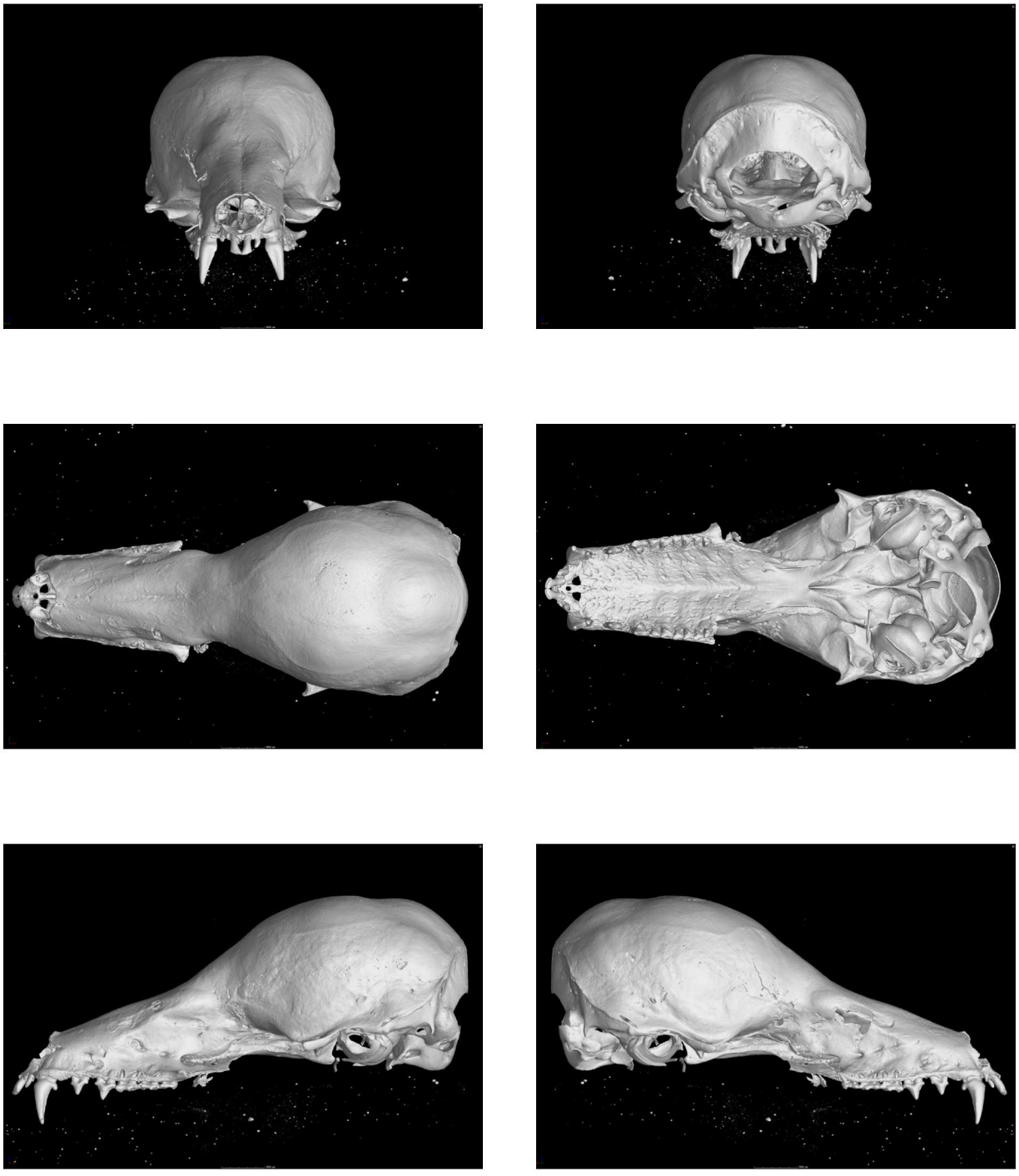


Jaw: 17 µm resolution

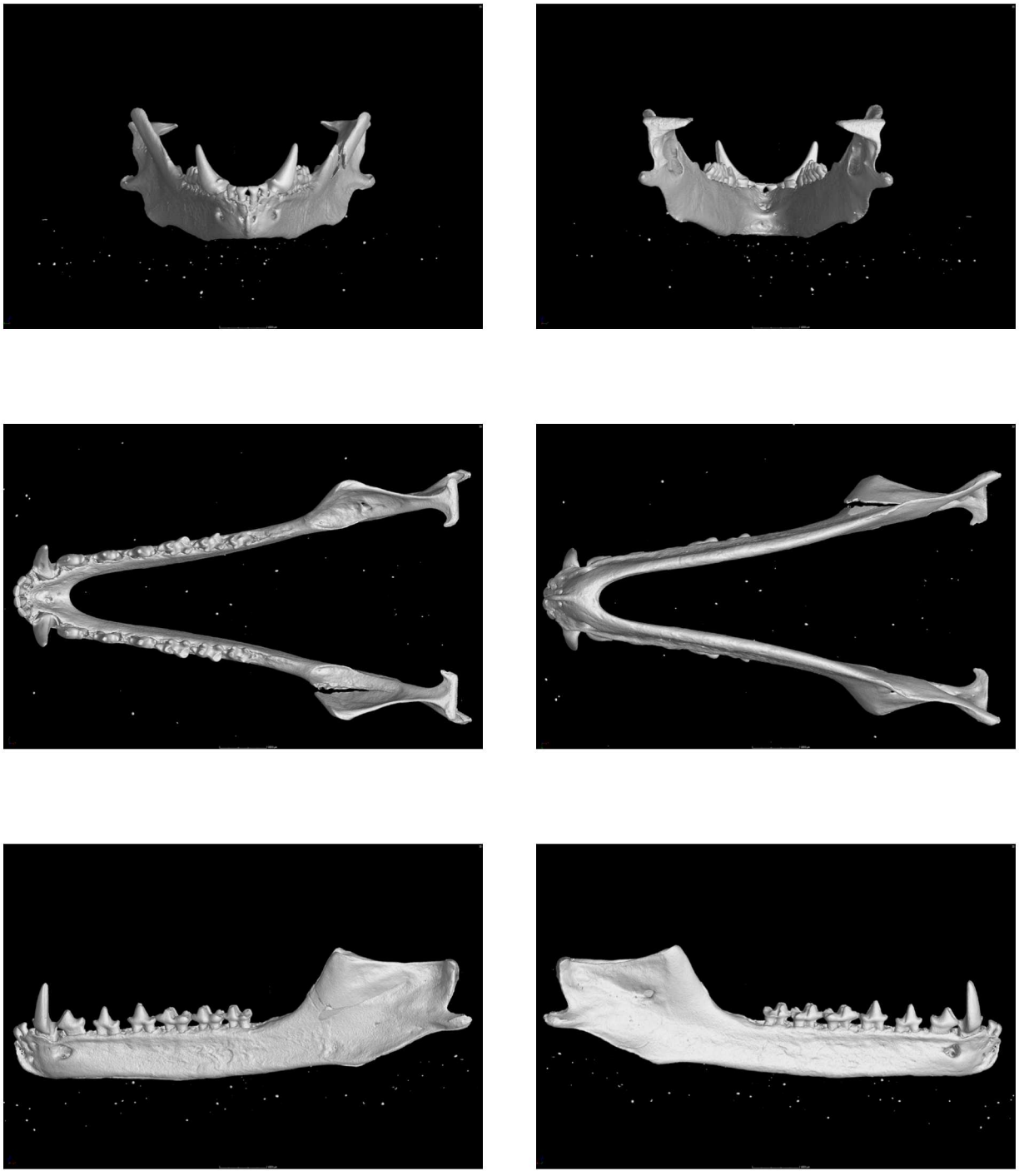







**MSB 67454: *Lonchophylla thomasi***

Skull: 14 µm resolution

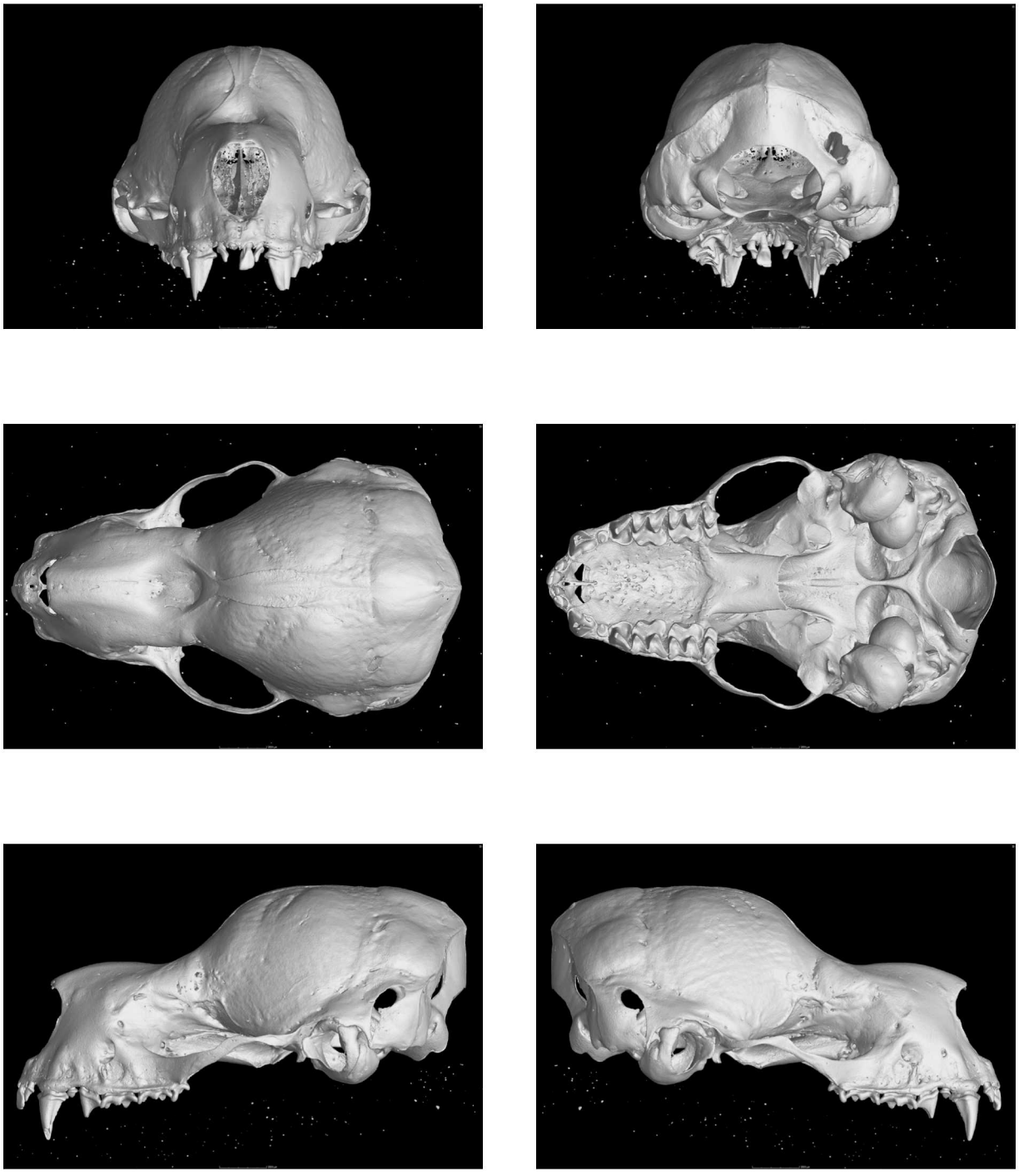


Jaw: 14 μm resolution

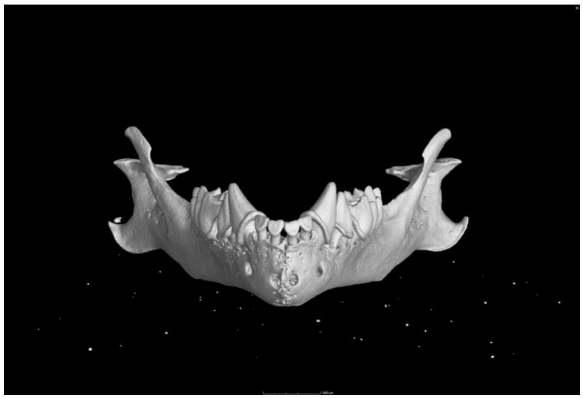
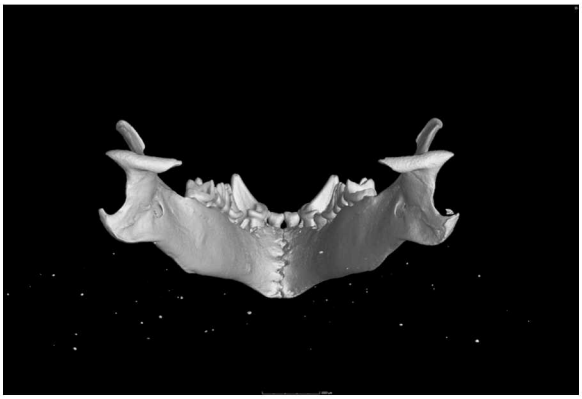
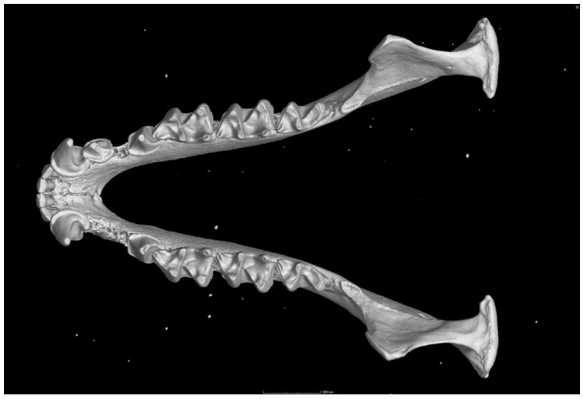
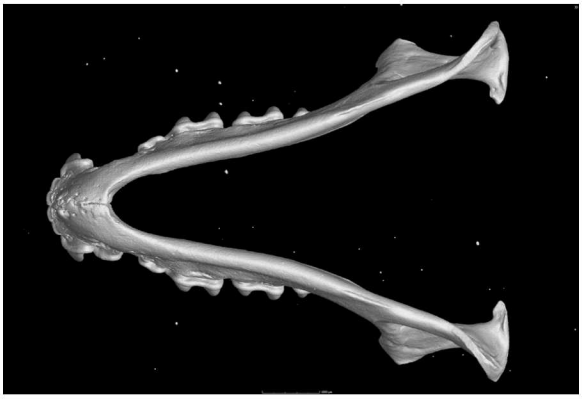


**MSB 32636: *Lonchorhina aurita***

Skull: 13 µm resolution



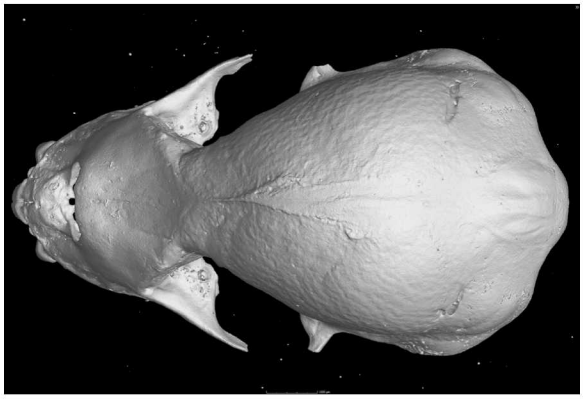
Jaw: 13 µm resolution

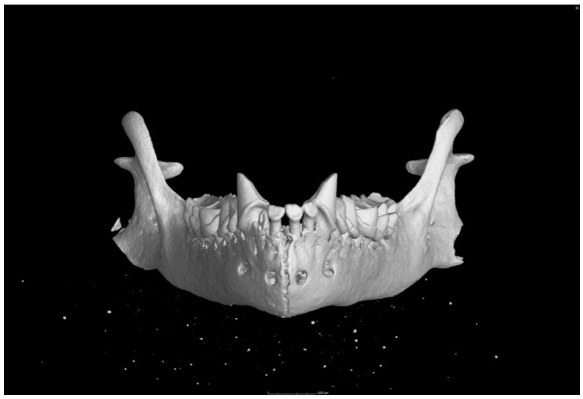
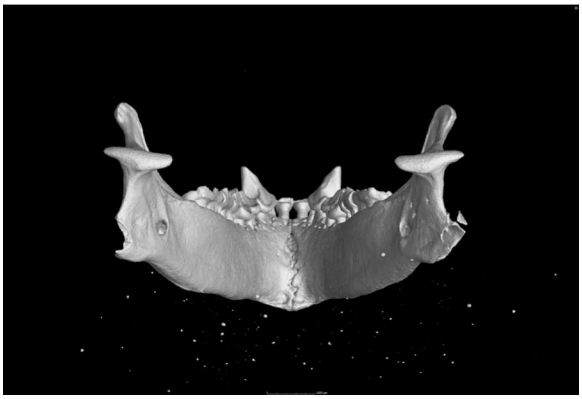
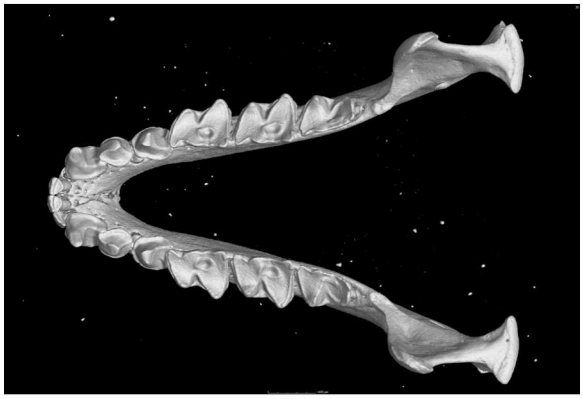
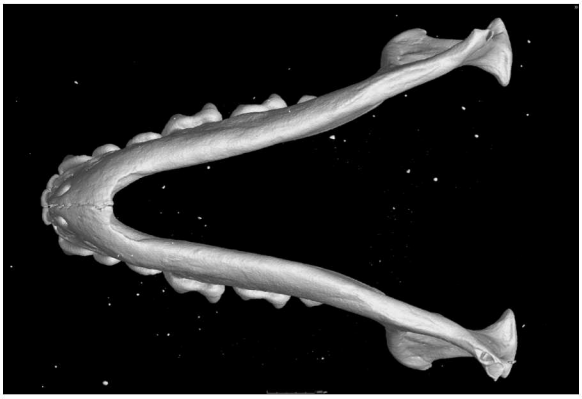
**MSB 57010:** ***Macrophyllum macrophyllum***

Skull: 12 µm resolution



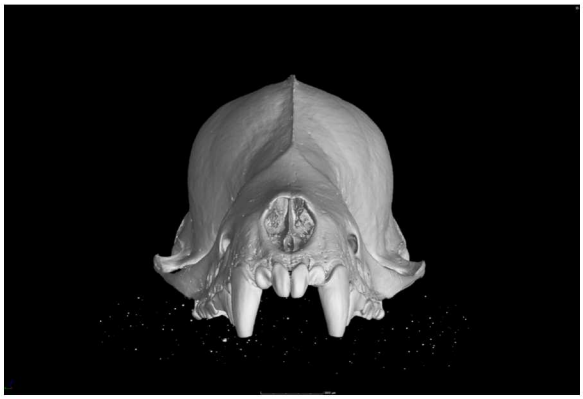
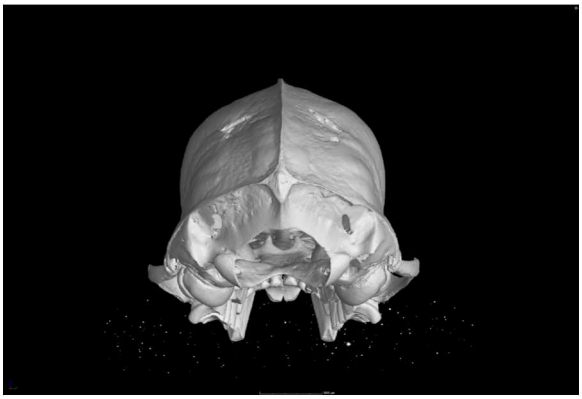


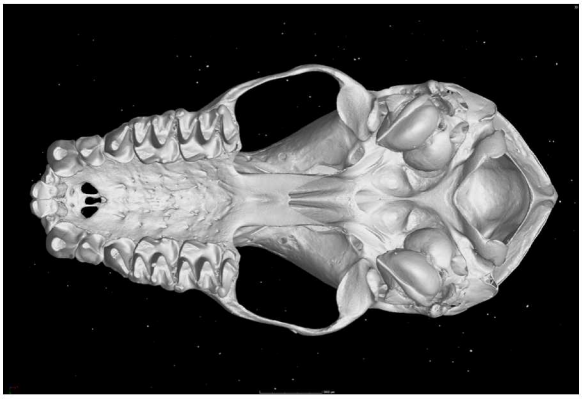

Jaw: 12 μm resolution

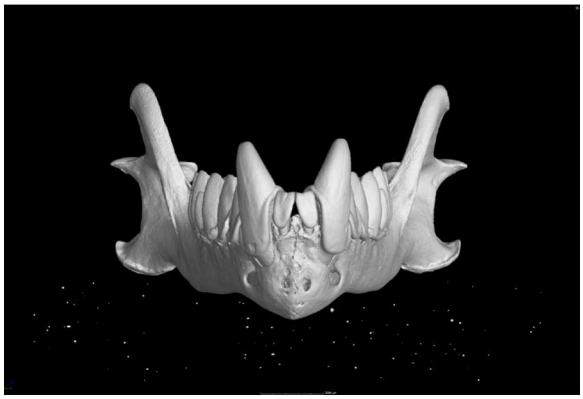
**MSB 32637: *Mimon bennettii***

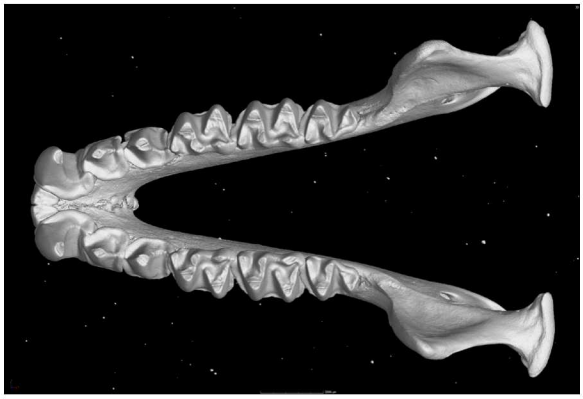
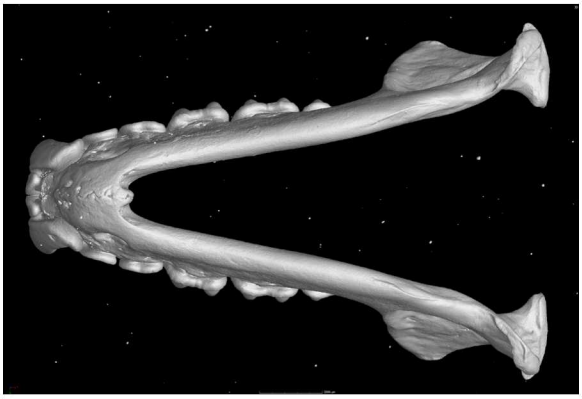
Skull: 15 µm resolution



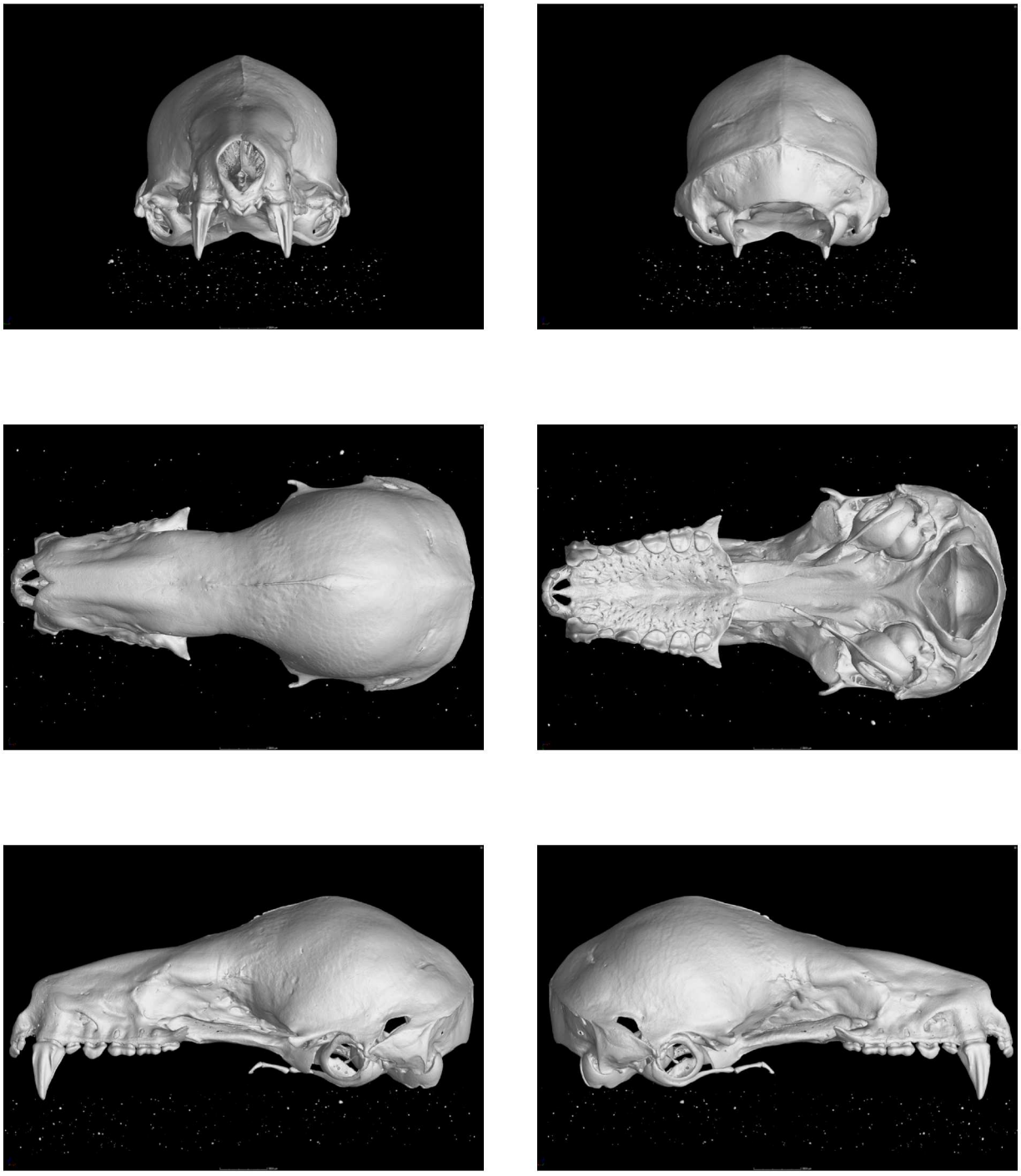
Jaw: 15 μm resolution



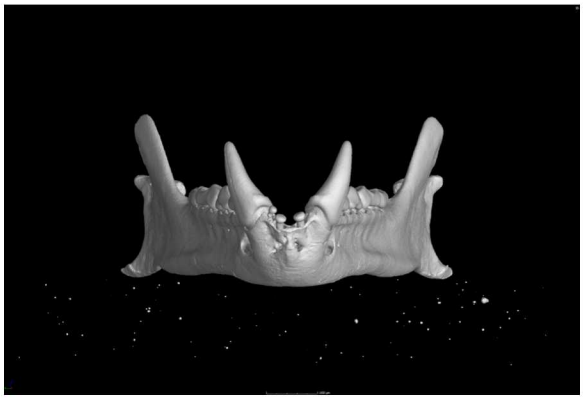
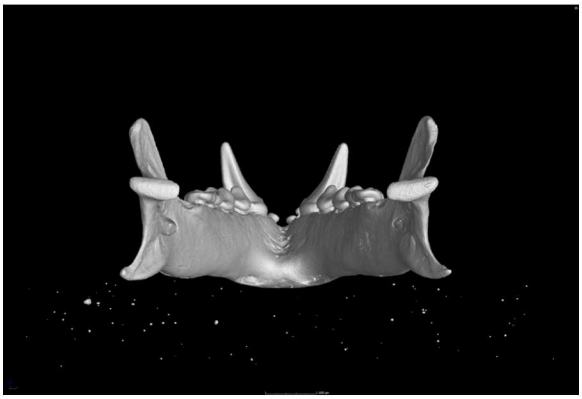
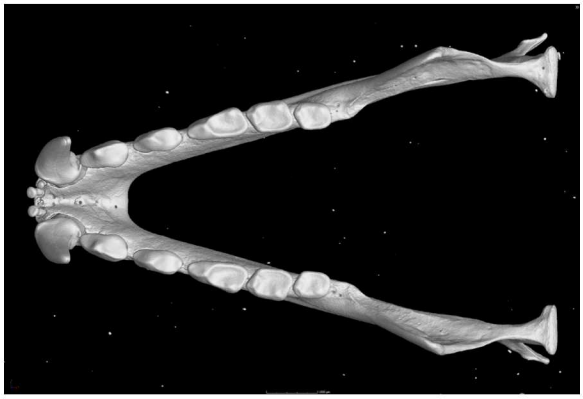
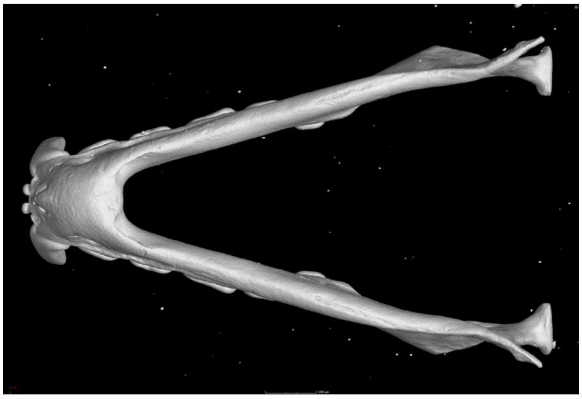



**MSB 66639: *Phyllonycteris poeyi***

Skull: 15 µm resolution

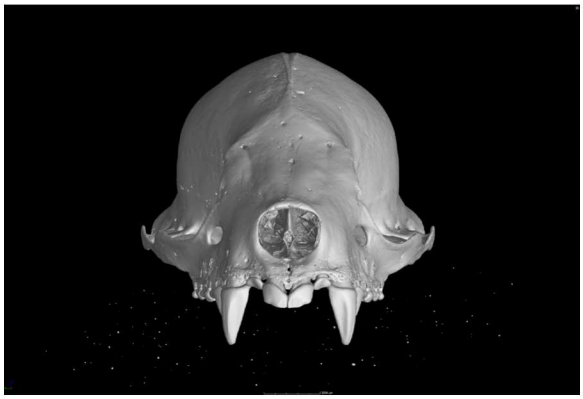
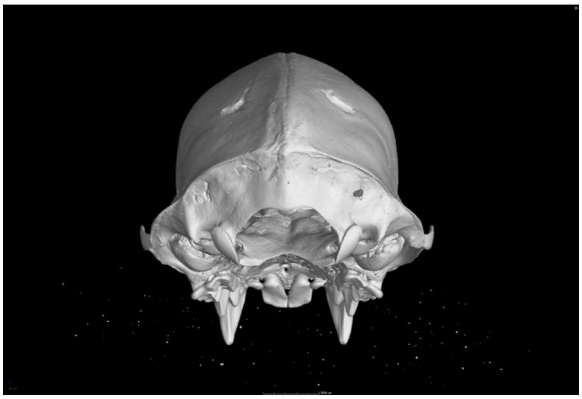
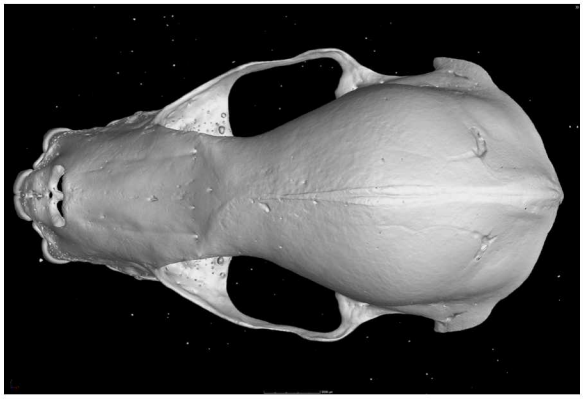


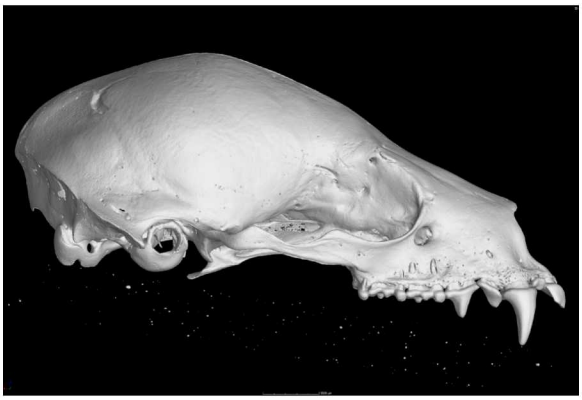
Jaw: 15 μm resolution

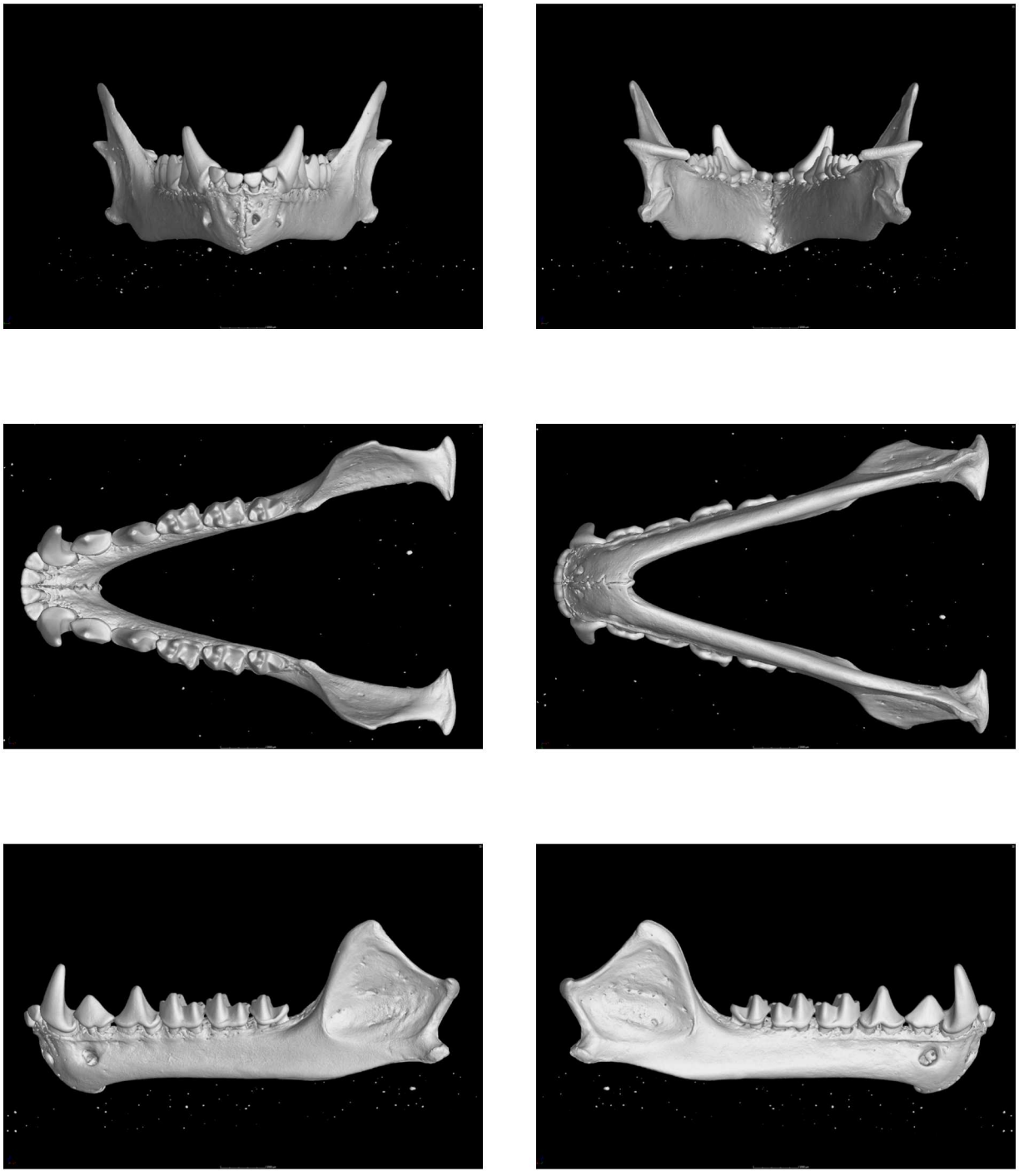
**MSB 26786: *Phyllostomus discolor***

Skull: 16 µm resolution

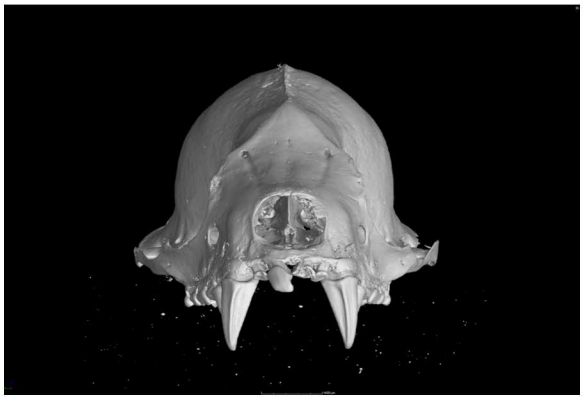
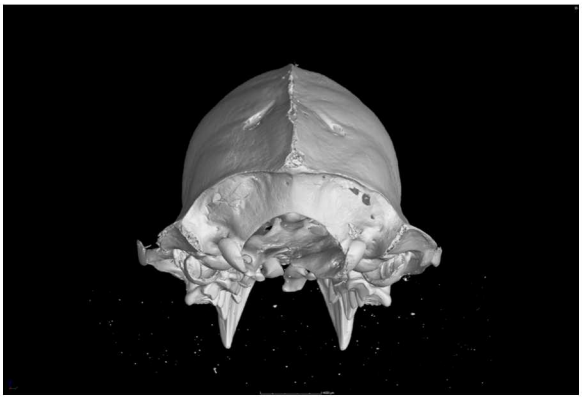



Jaw: 16 µm resolution



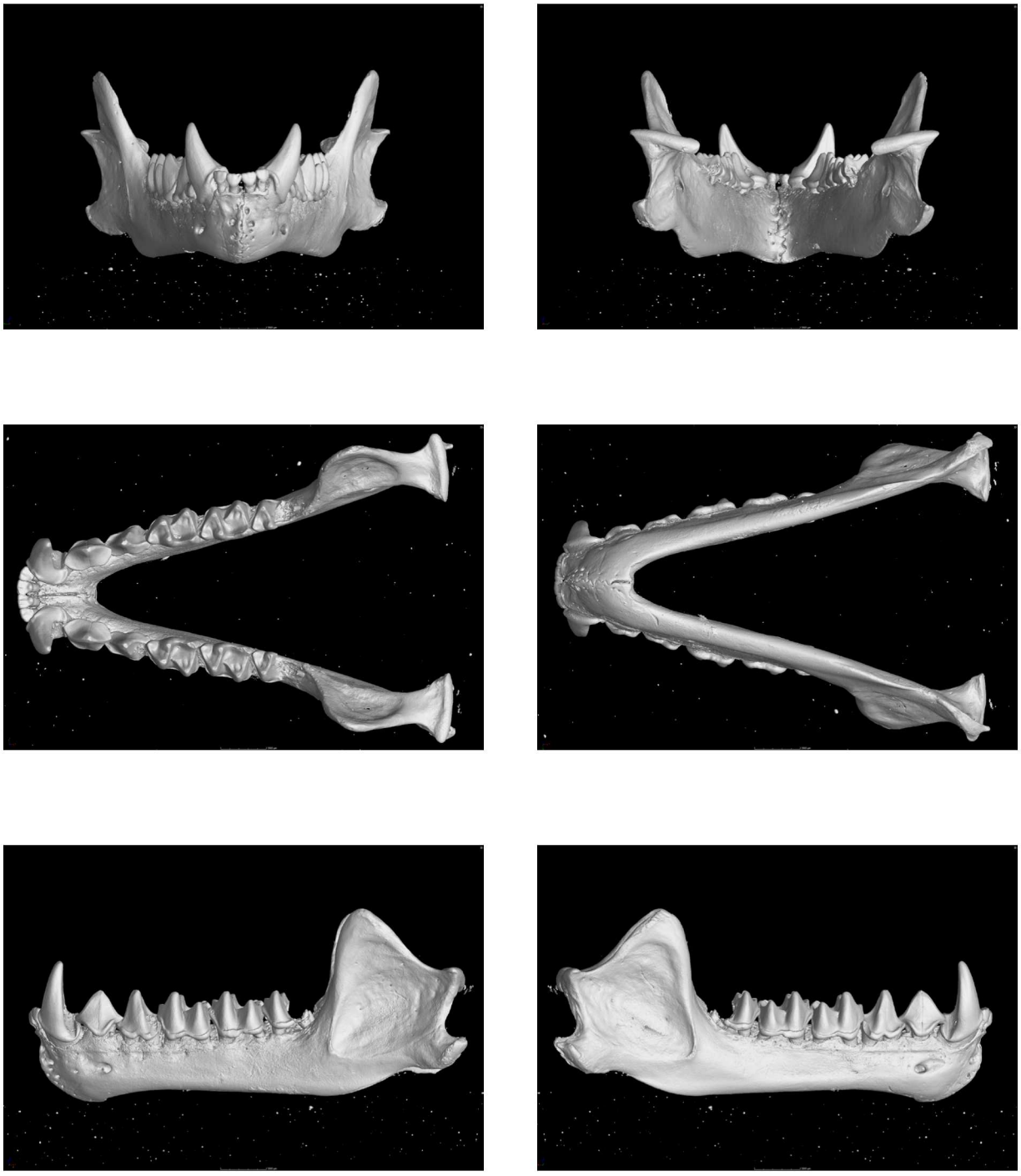
**MSB 160968: *Phyllostomus hastatus***

Skull: 21 µm resolution

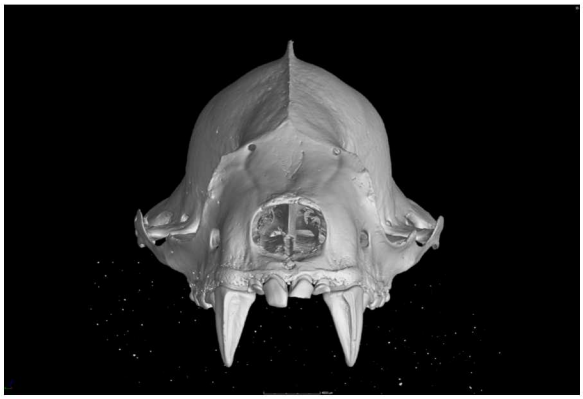
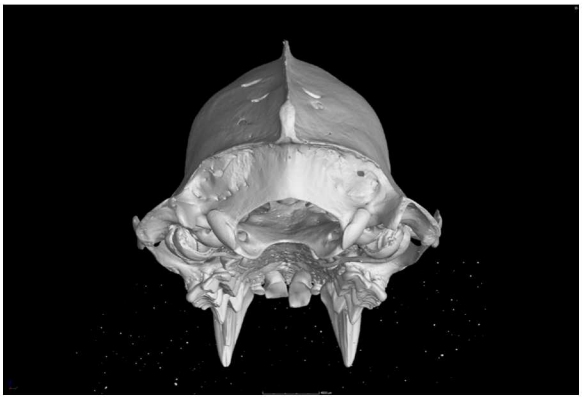


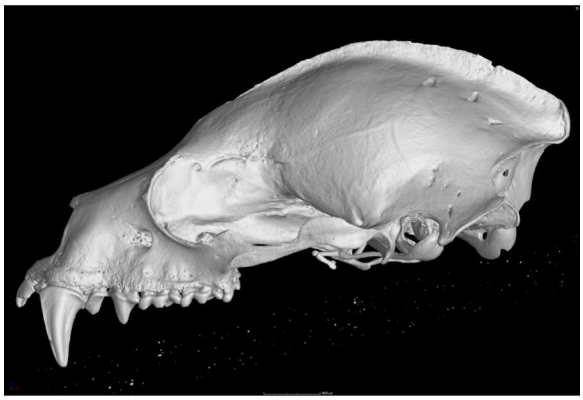
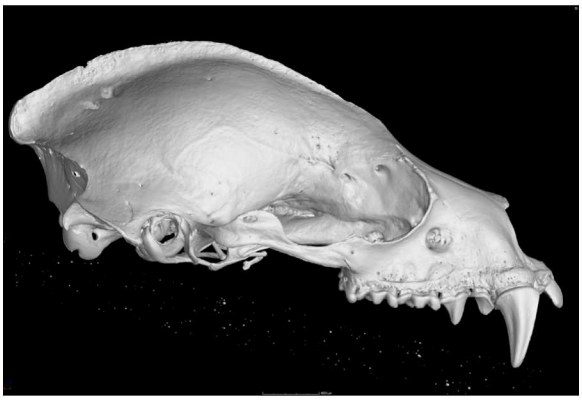
Jaw: 21 μm resolution



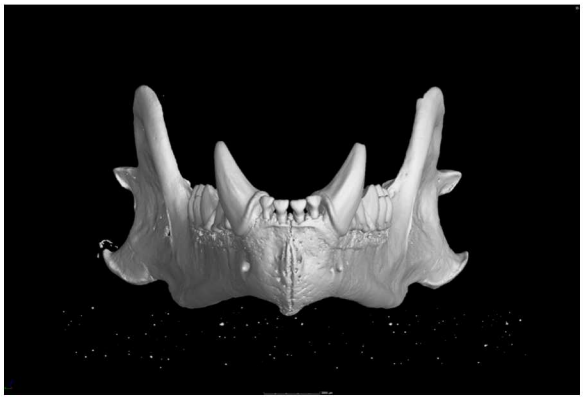
**MSB 27854: *Phyllostomus hastatus***

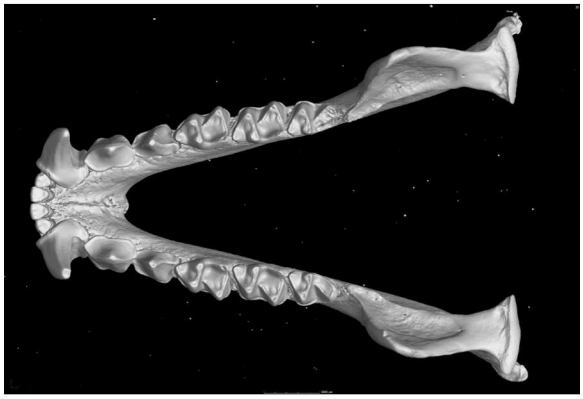
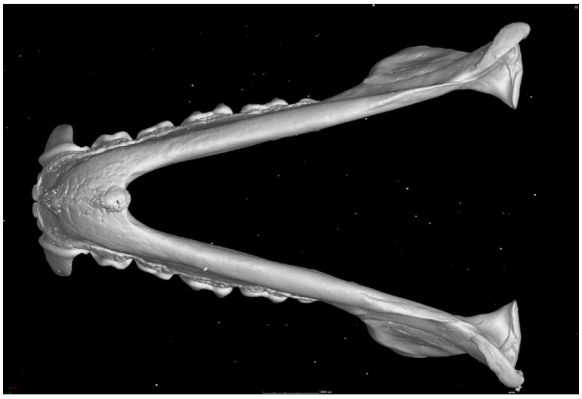
Skull: 23 µm resolution

Jaw: 23 μm resolution

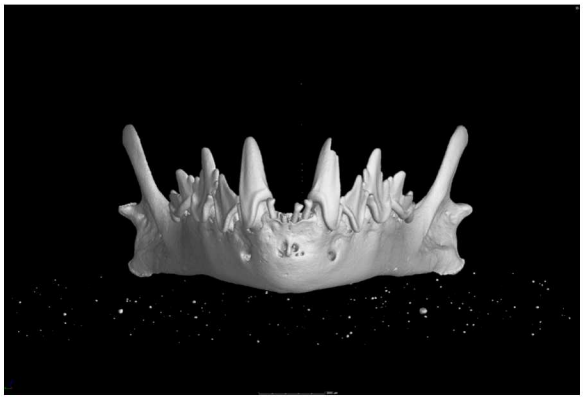
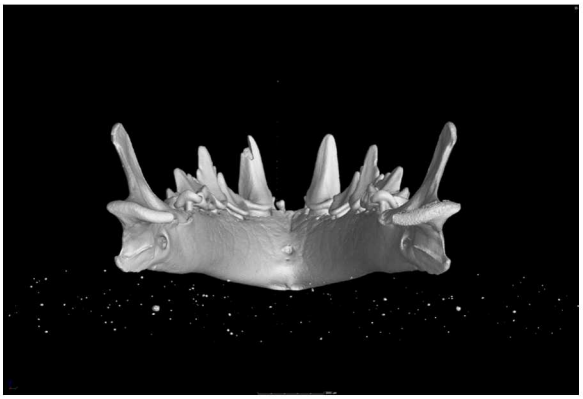
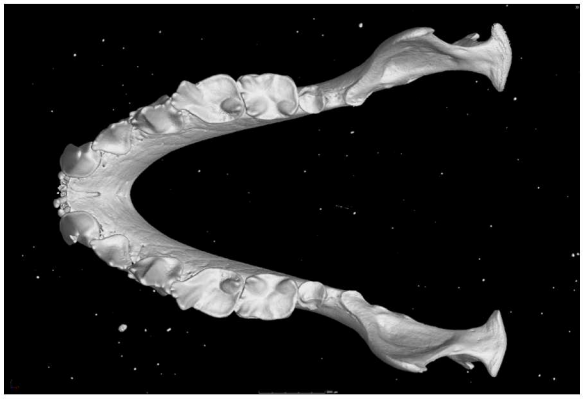
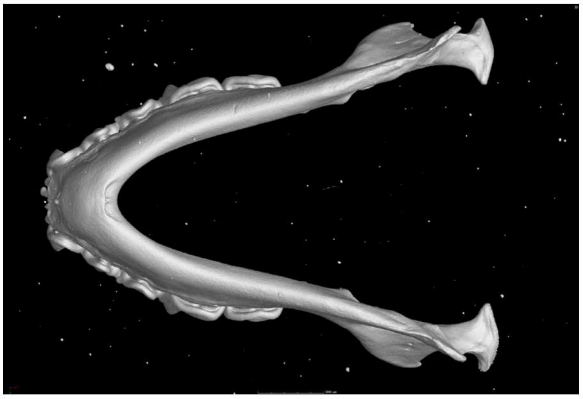
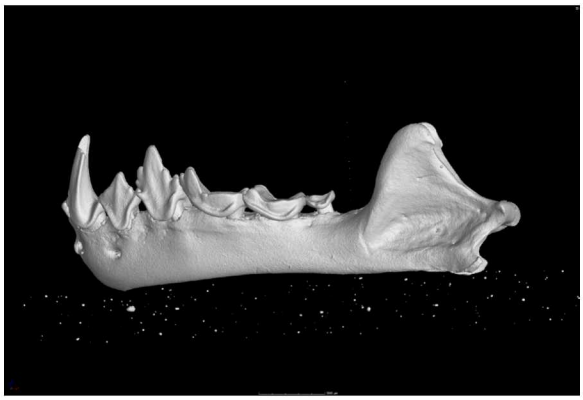
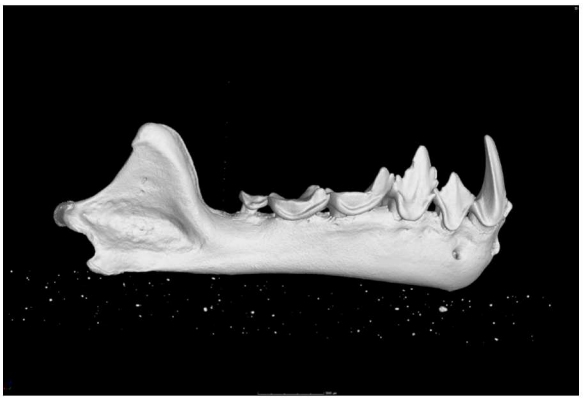


**MSB 87132: *Platyrrhinus helleri***

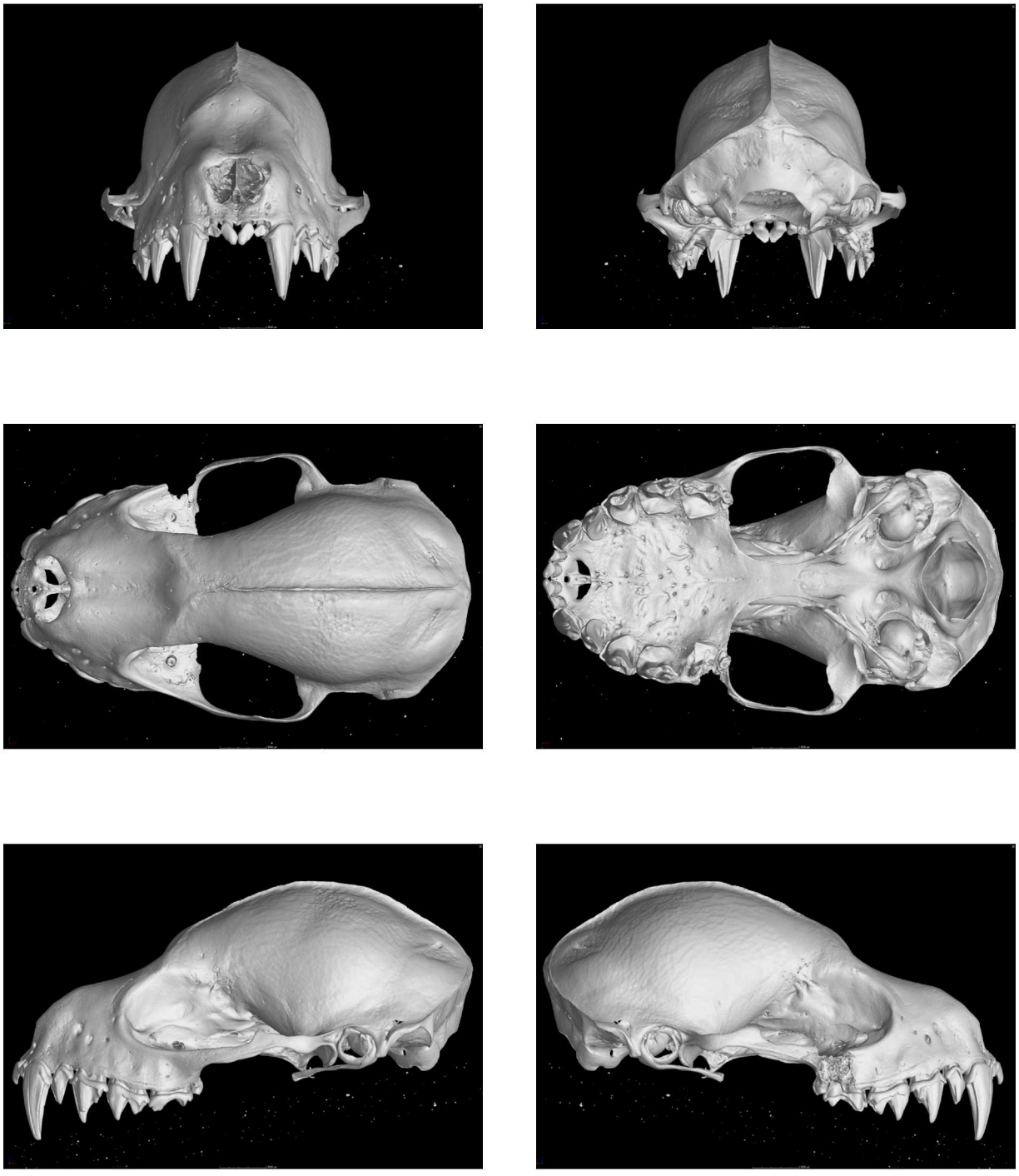
Skull: 13 µm resolution

Jaw: 13 μm resolution

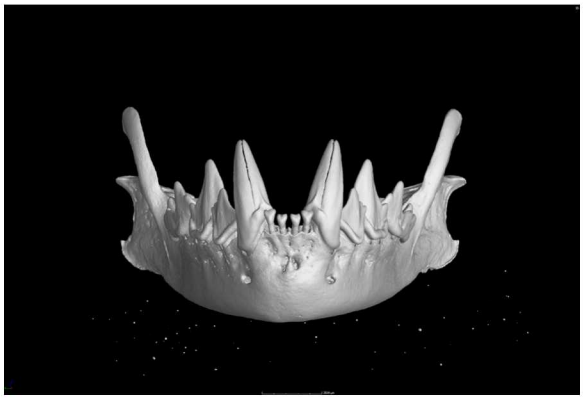
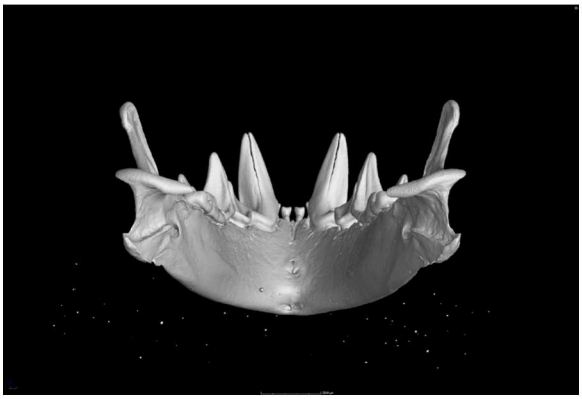
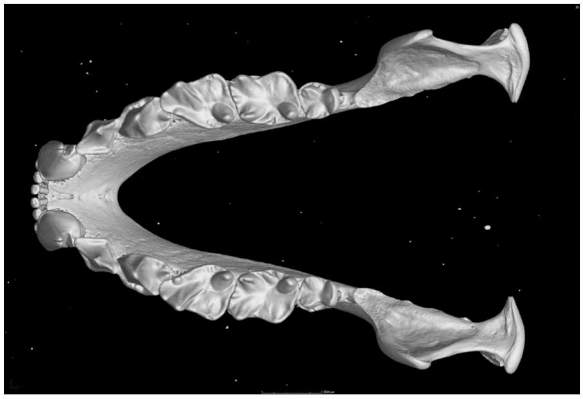
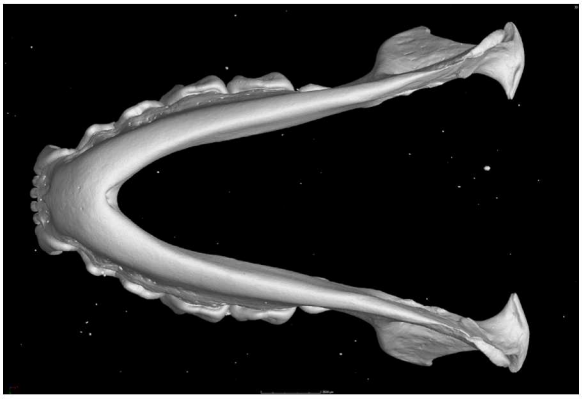
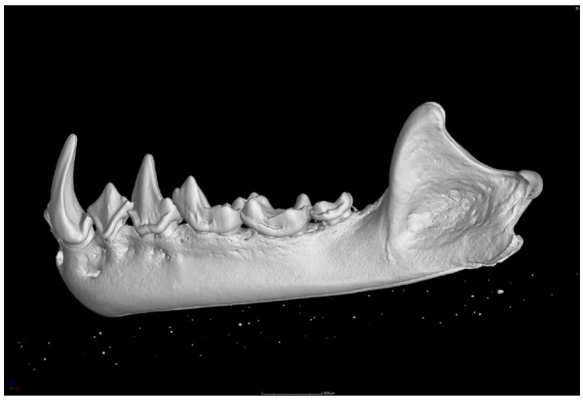
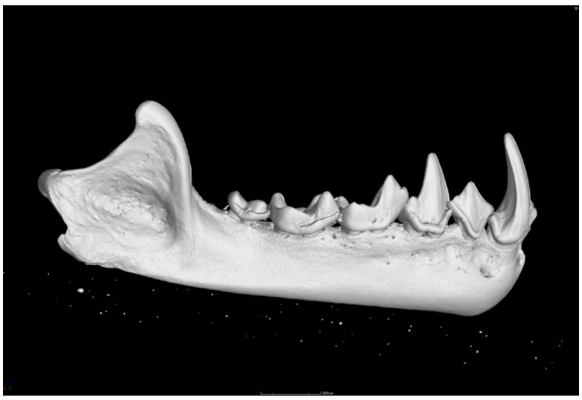







**MSB 49962: *Platyrrhinus infuscus***

Skull: 18 µm resolution

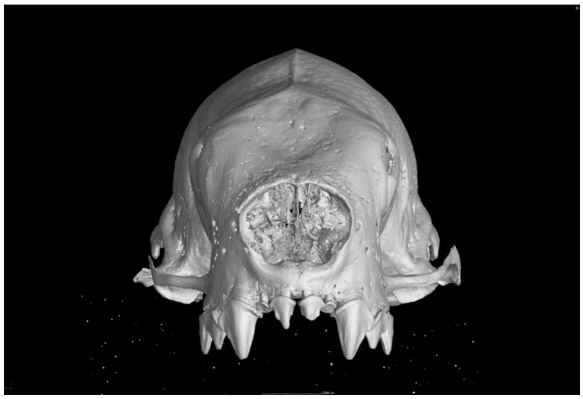
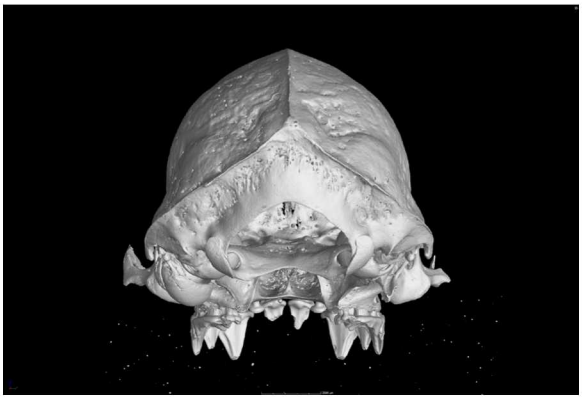


Jaw: 18 µm resolution

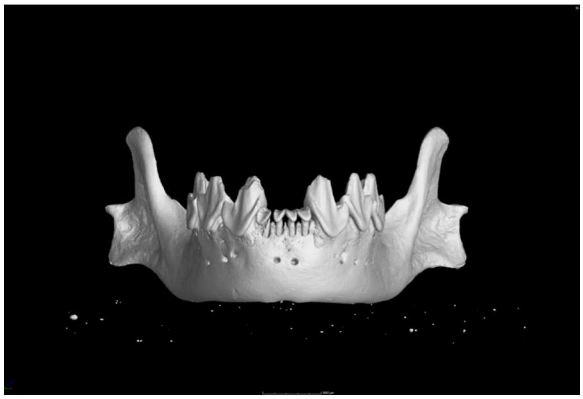
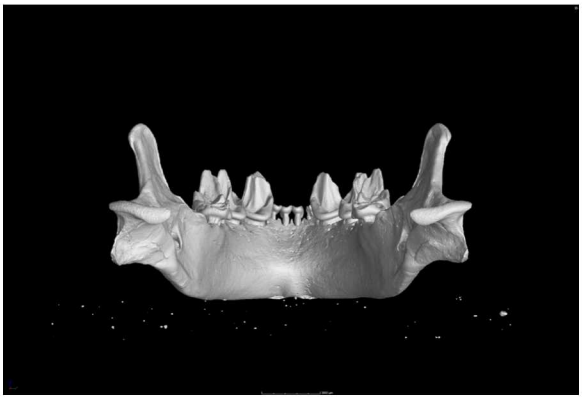
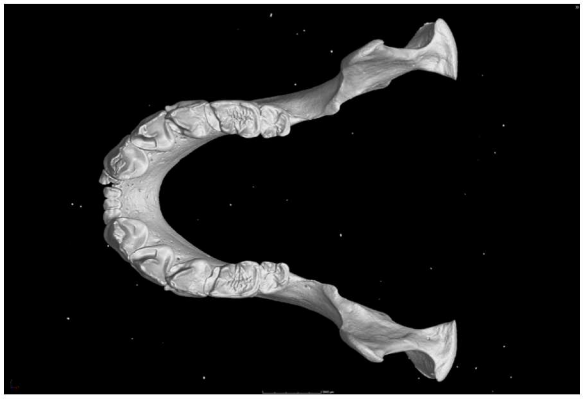
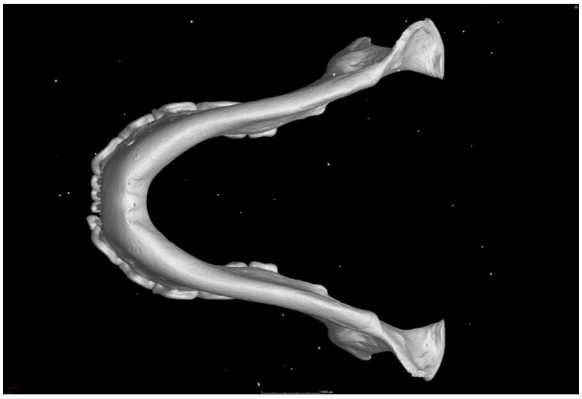
**MSB 59740: *Pygoderma bilabiatum***

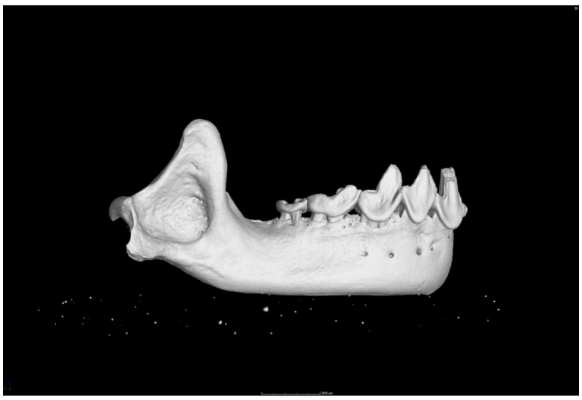
Skull: 14 µm resolution



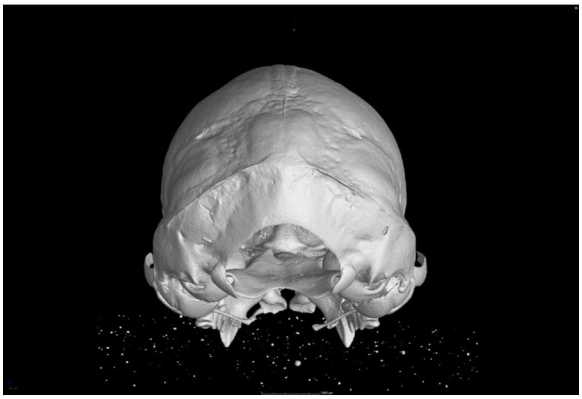
Jaw: 14 μm resolution

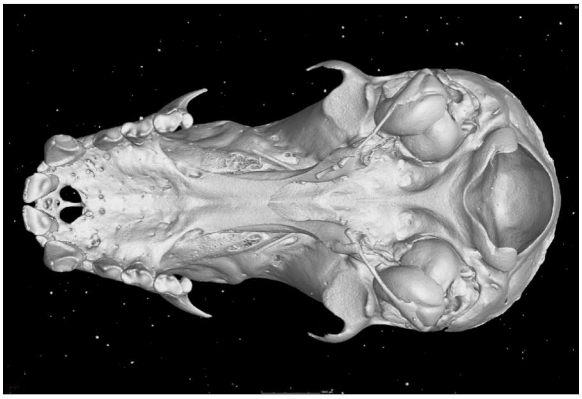







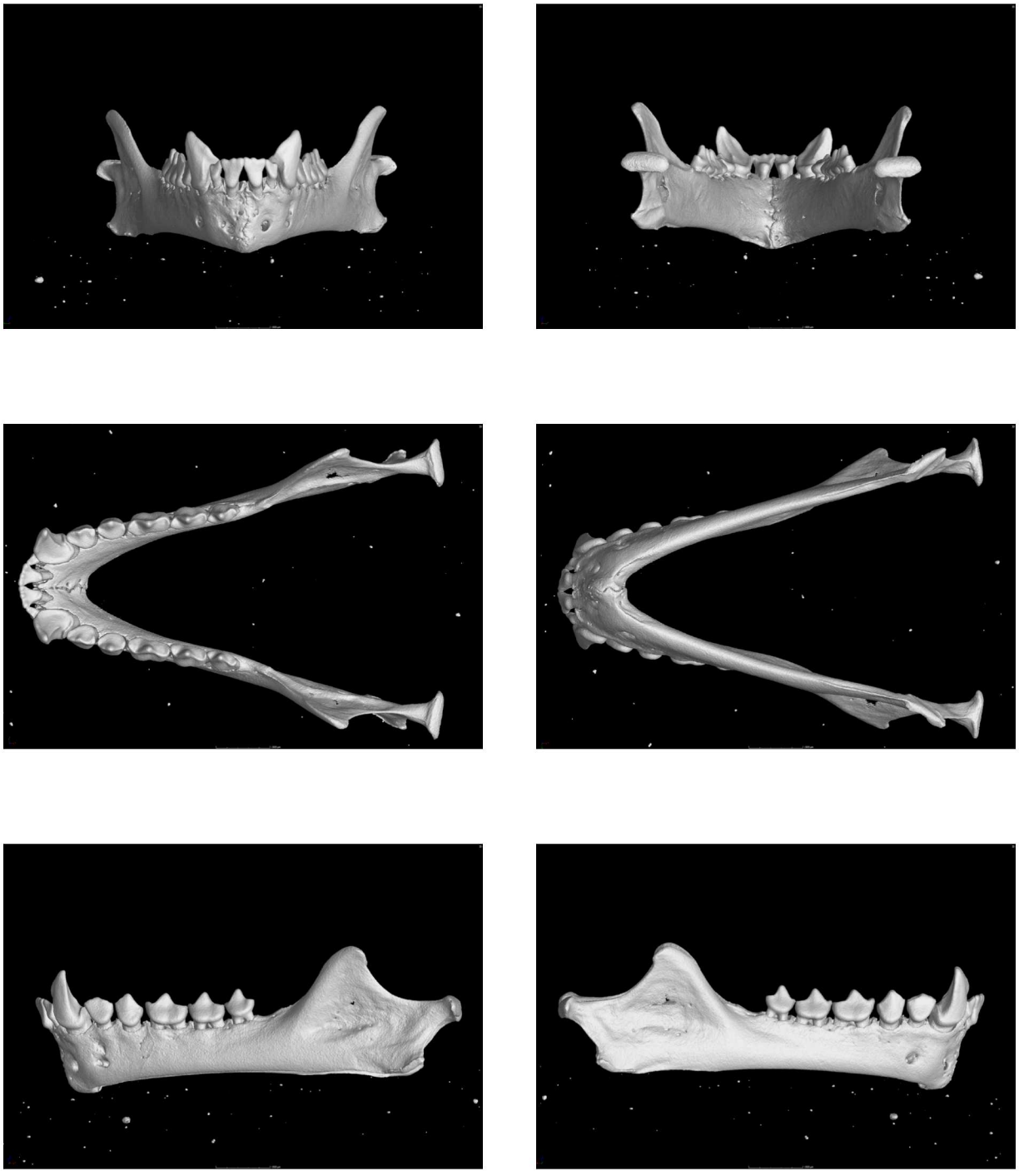
**MSB 57017: *Rhinophylla pumilio***

Skull: 15 µm resolution

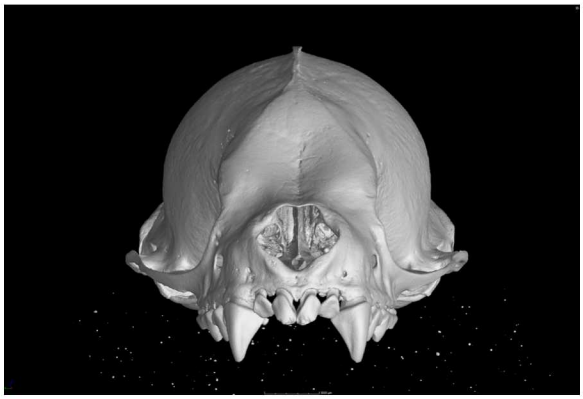
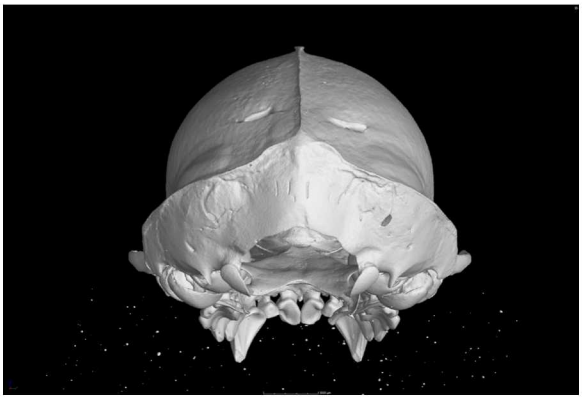


Jaw: 15 µm resolution



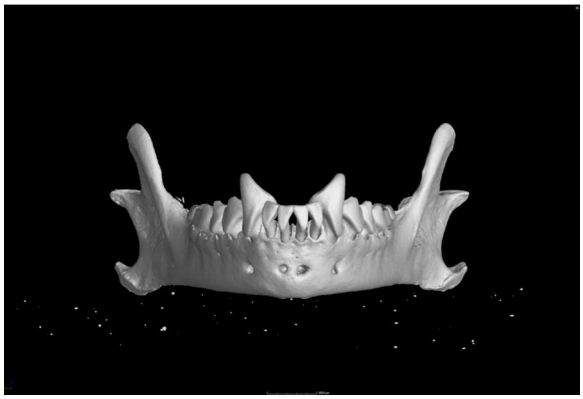
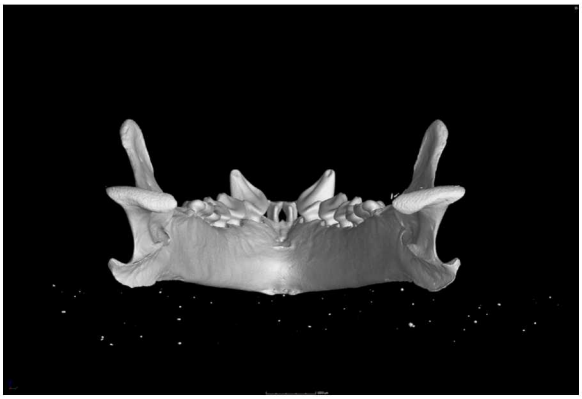
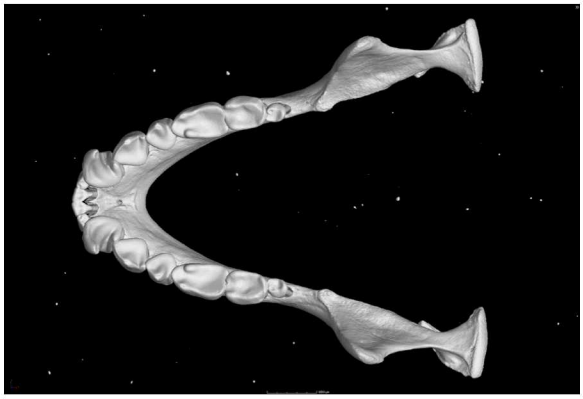
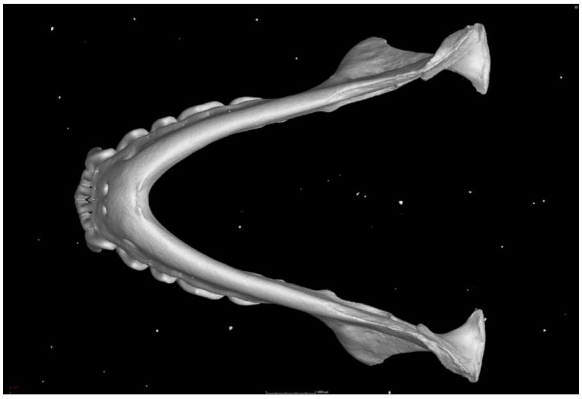
**MSB 70338: *Sturnira erythromos***

Skull: 15 µm resolution



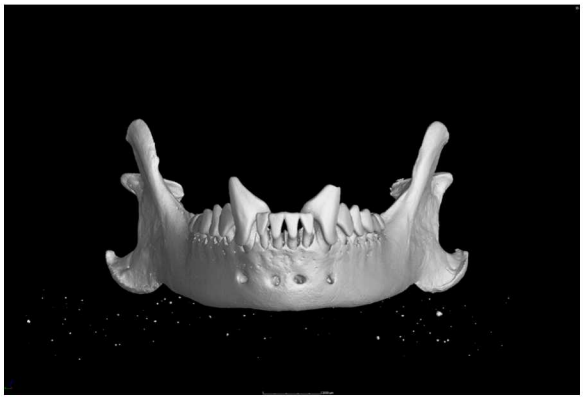
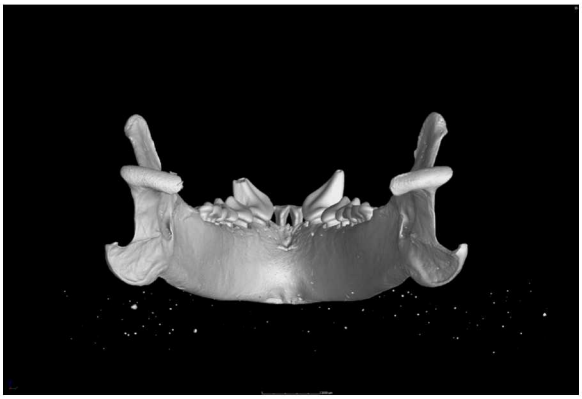
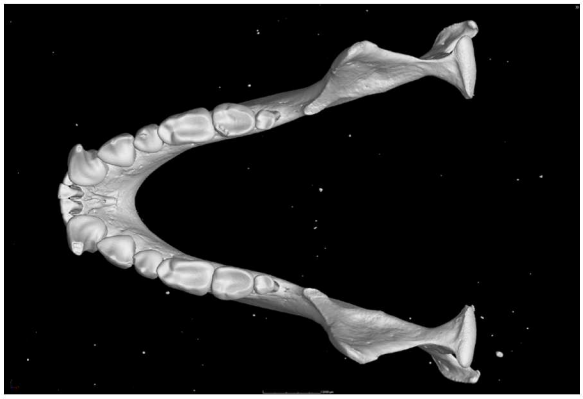
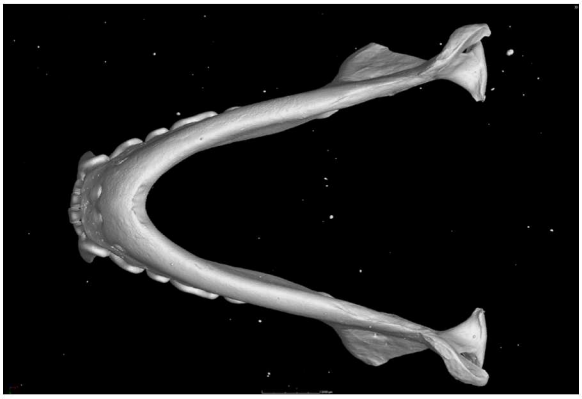
Jaw: 15 µm resolution

**MSB 70584: *Sturnira lilium***

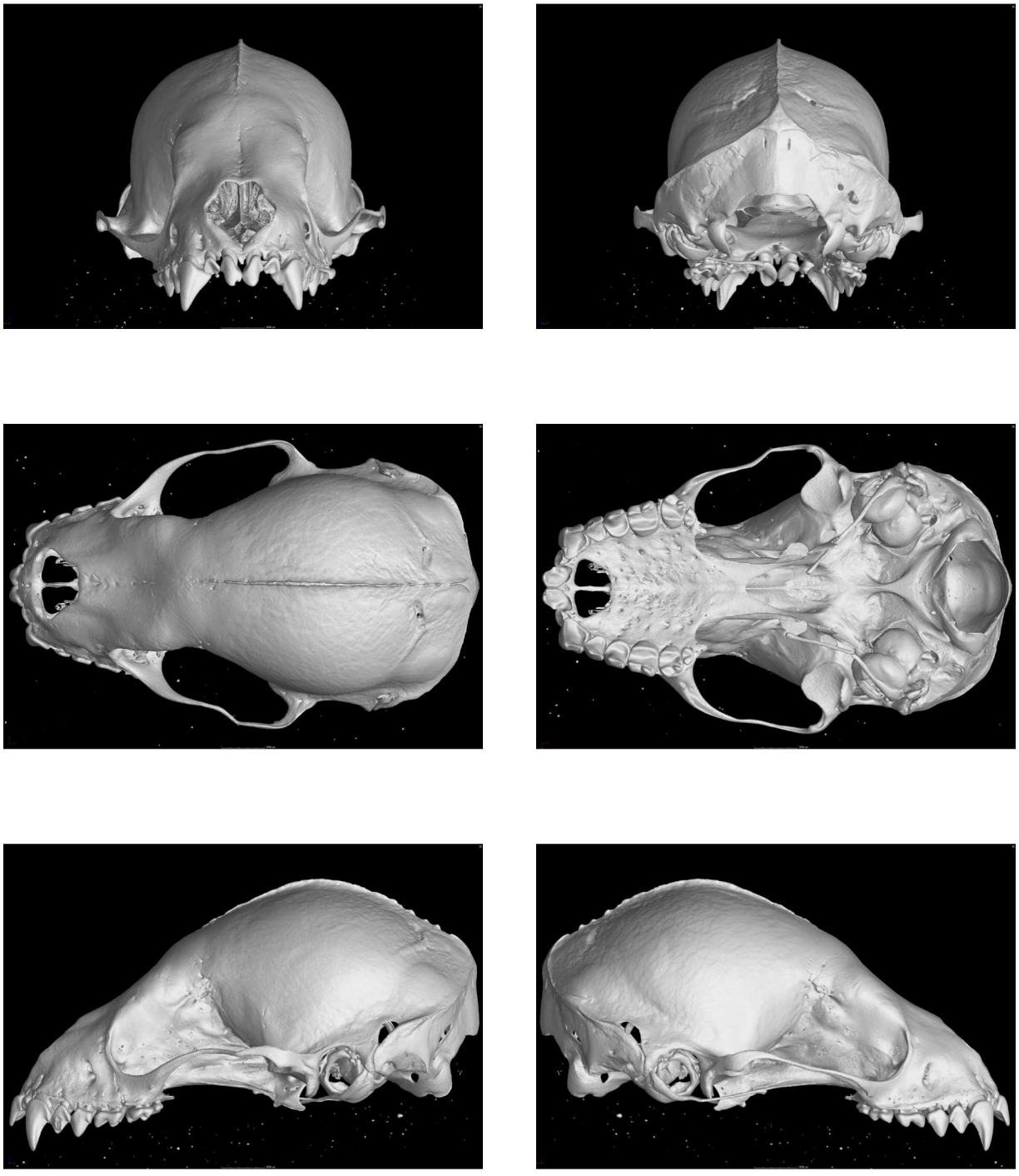
Skull: 15 µm resolution

Jaw: 15 μm resolution

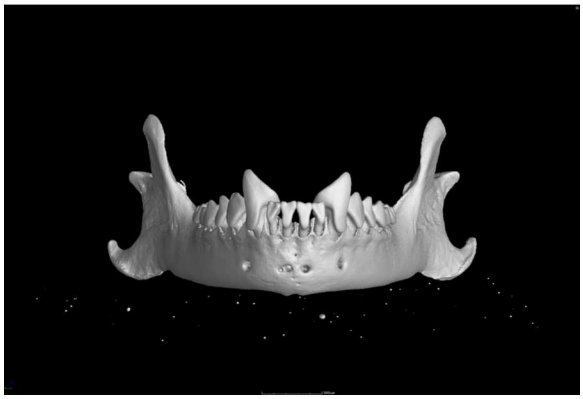
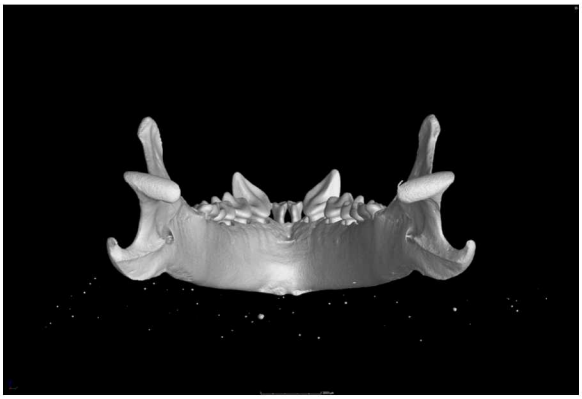
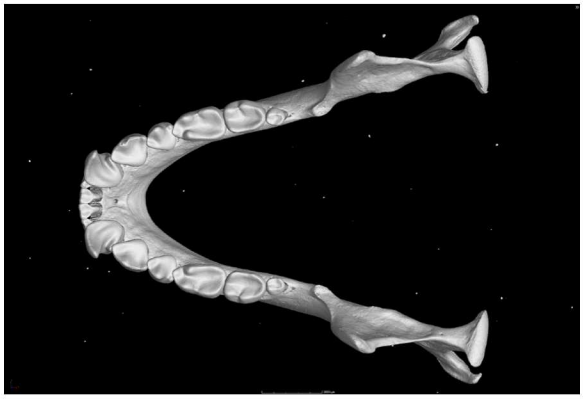
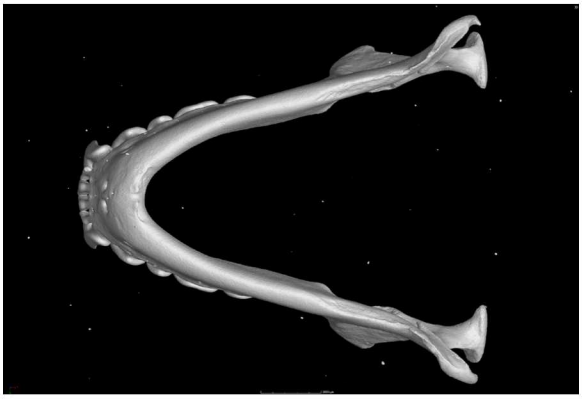





**MSB 26797: *Sturnira ludovici ludovici***

Skull: 15 µm resolution

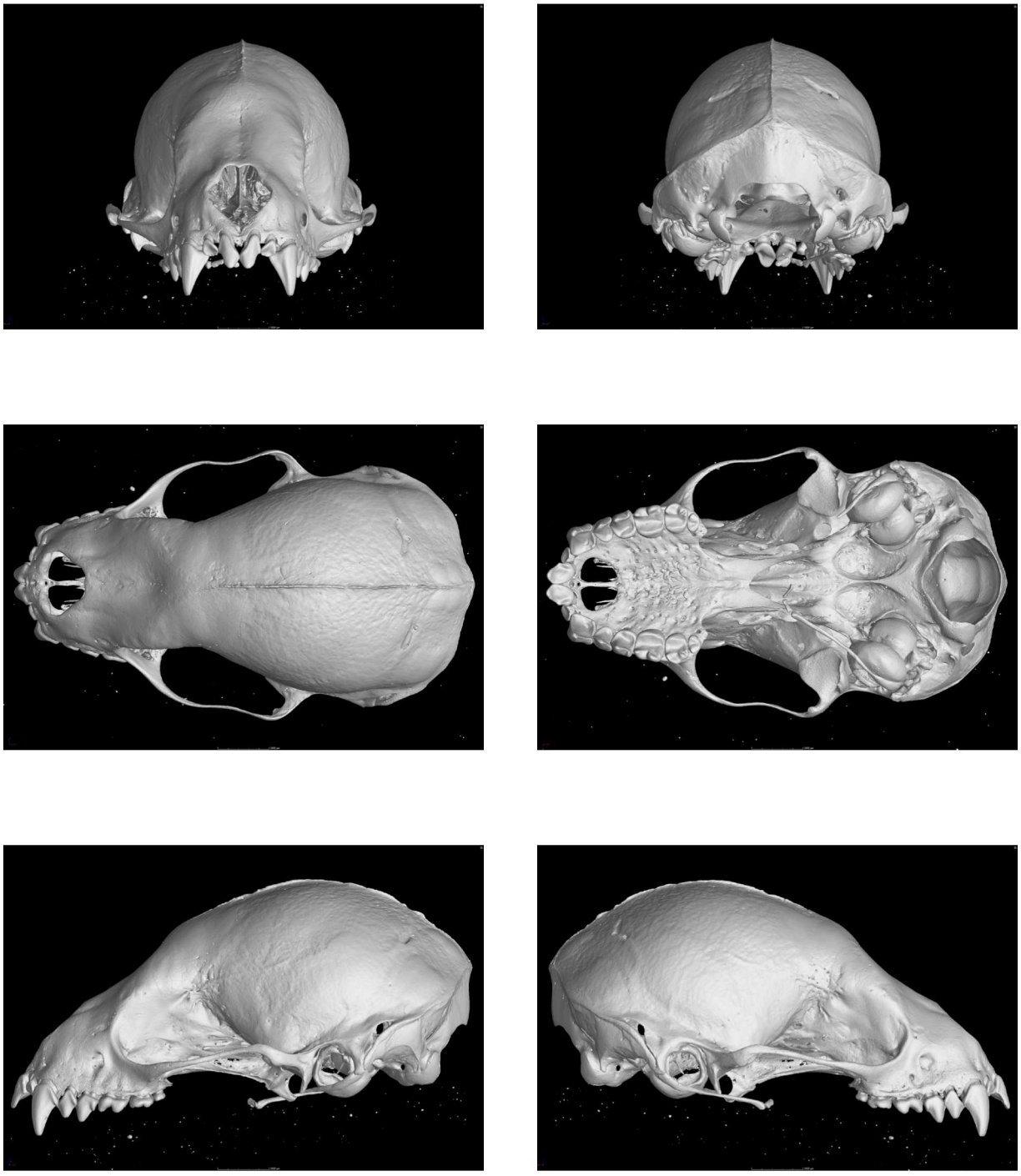


Jaw: 15 µm resolution

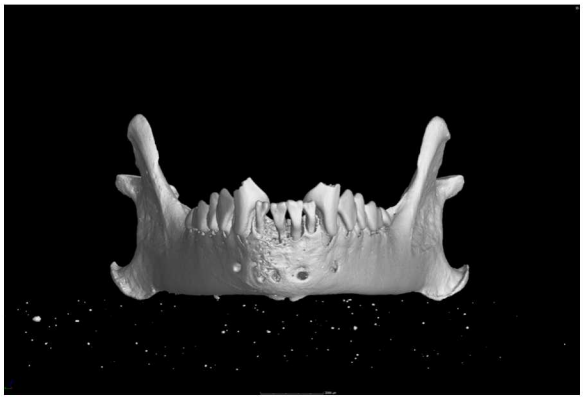
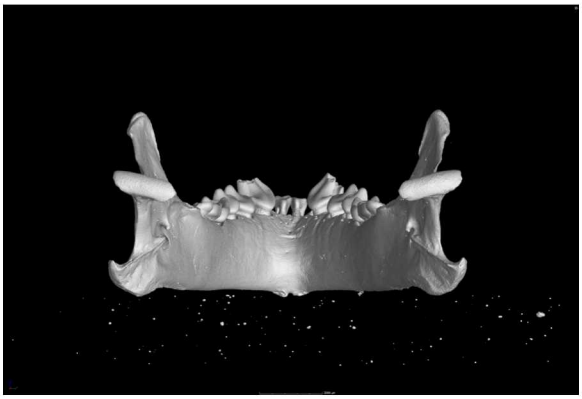
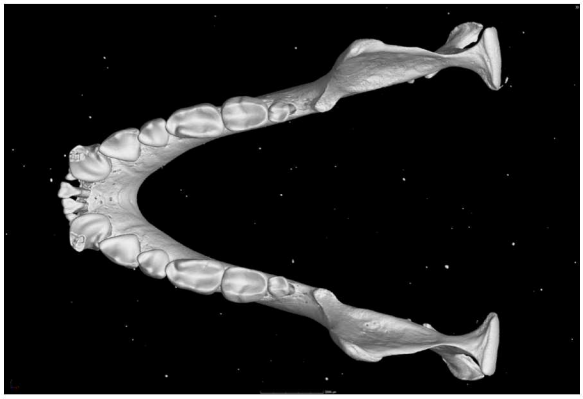
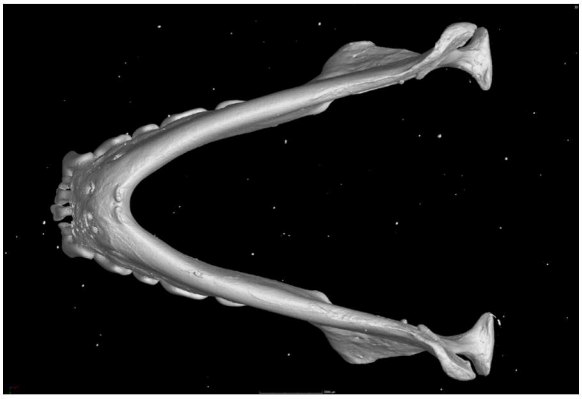





**MSB 27541: *Sturnira ludovici occidentalis***

Skull: 15 µm resolution



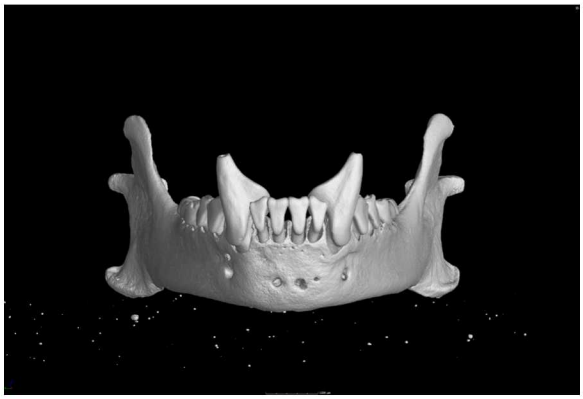
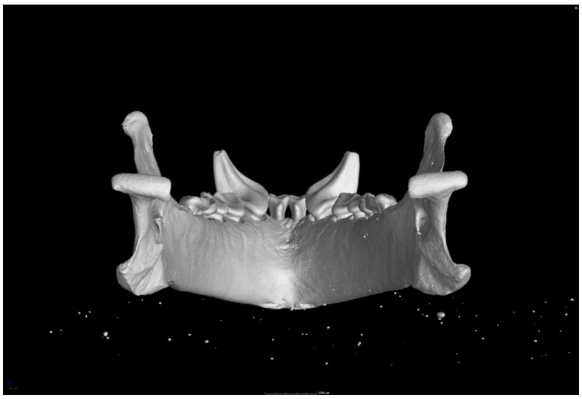
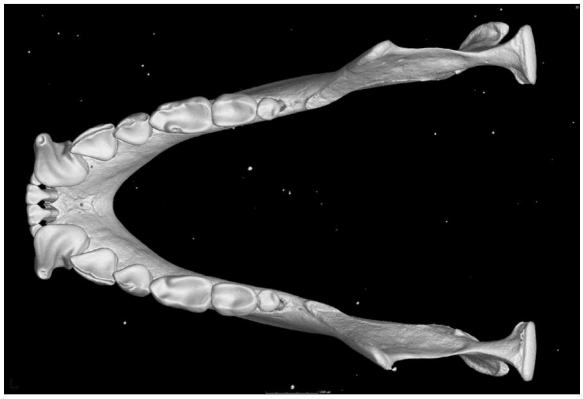
Jaw: 15 μm resolution

**MSB 28345: *Sturnira mordax***

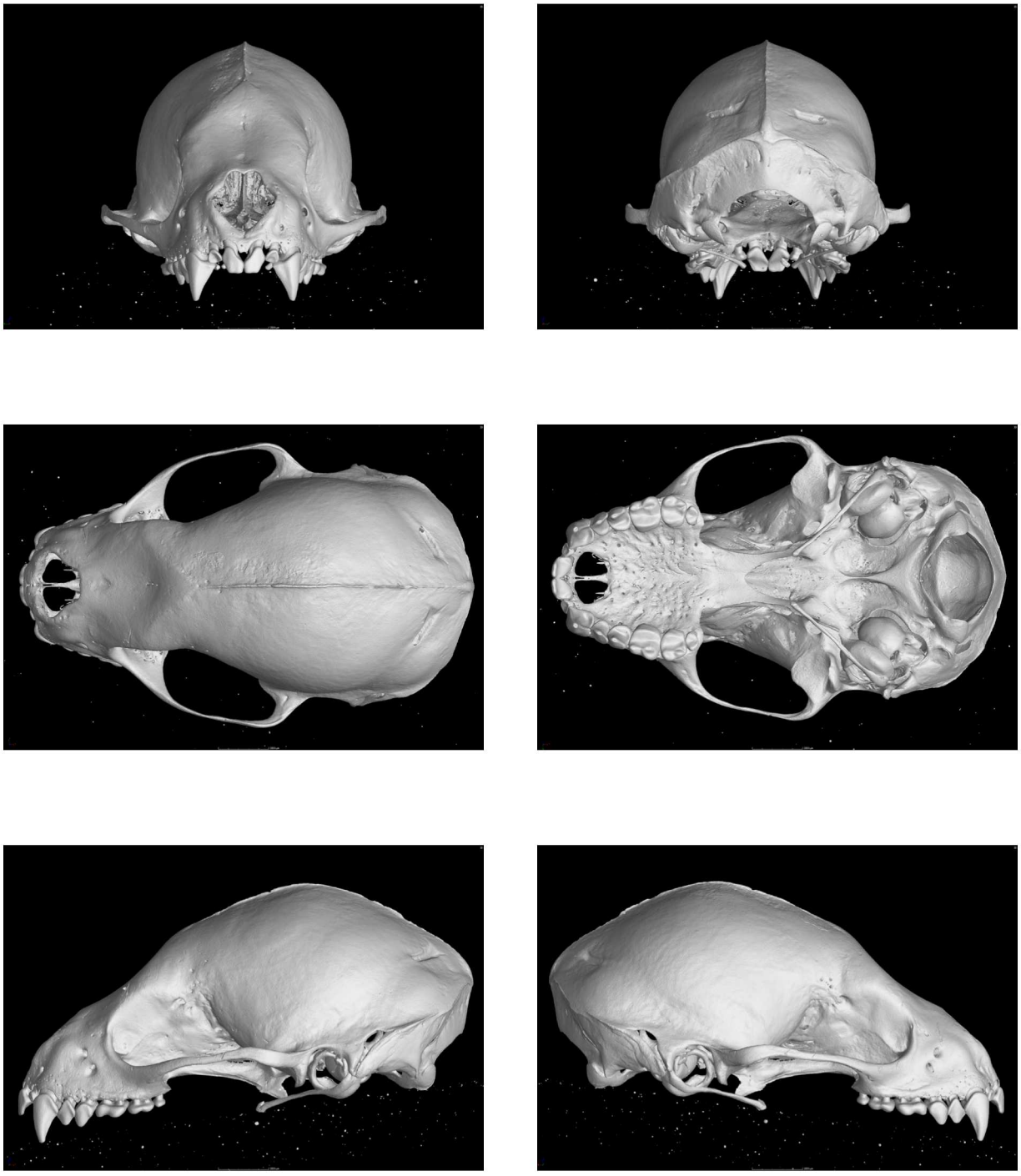
Skull: 15 µm resolution

Jaw: 15 μm resolution

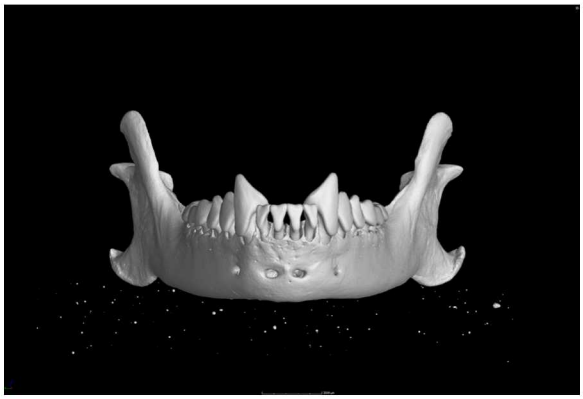
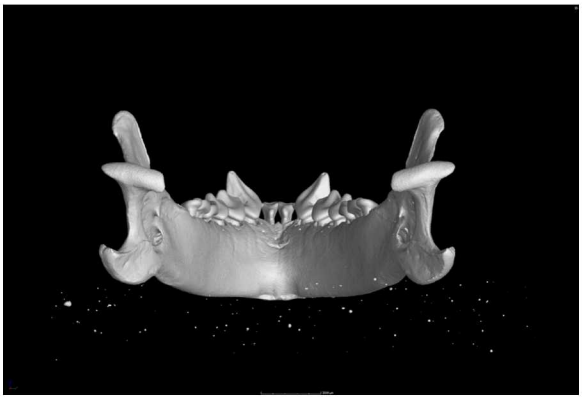
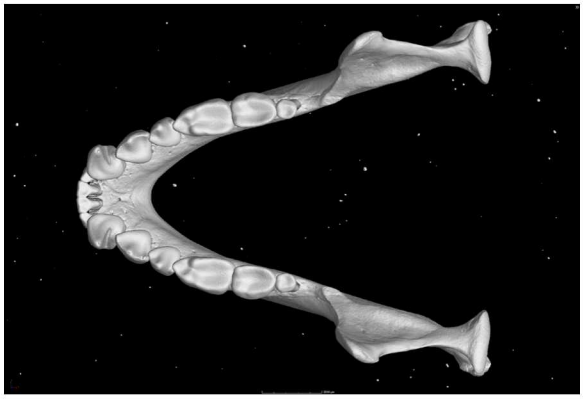
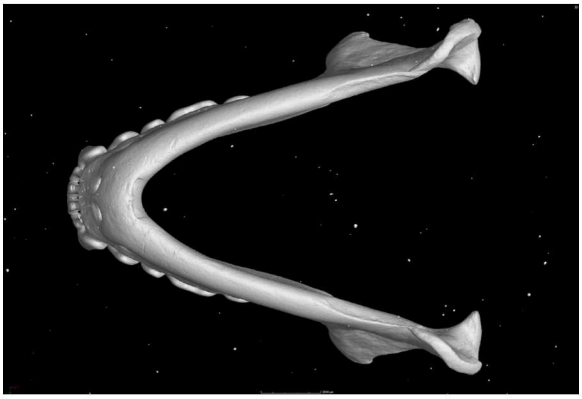





**MSB 68400: *Sturnira oporaphilum***

Skull: 15 µm resolution

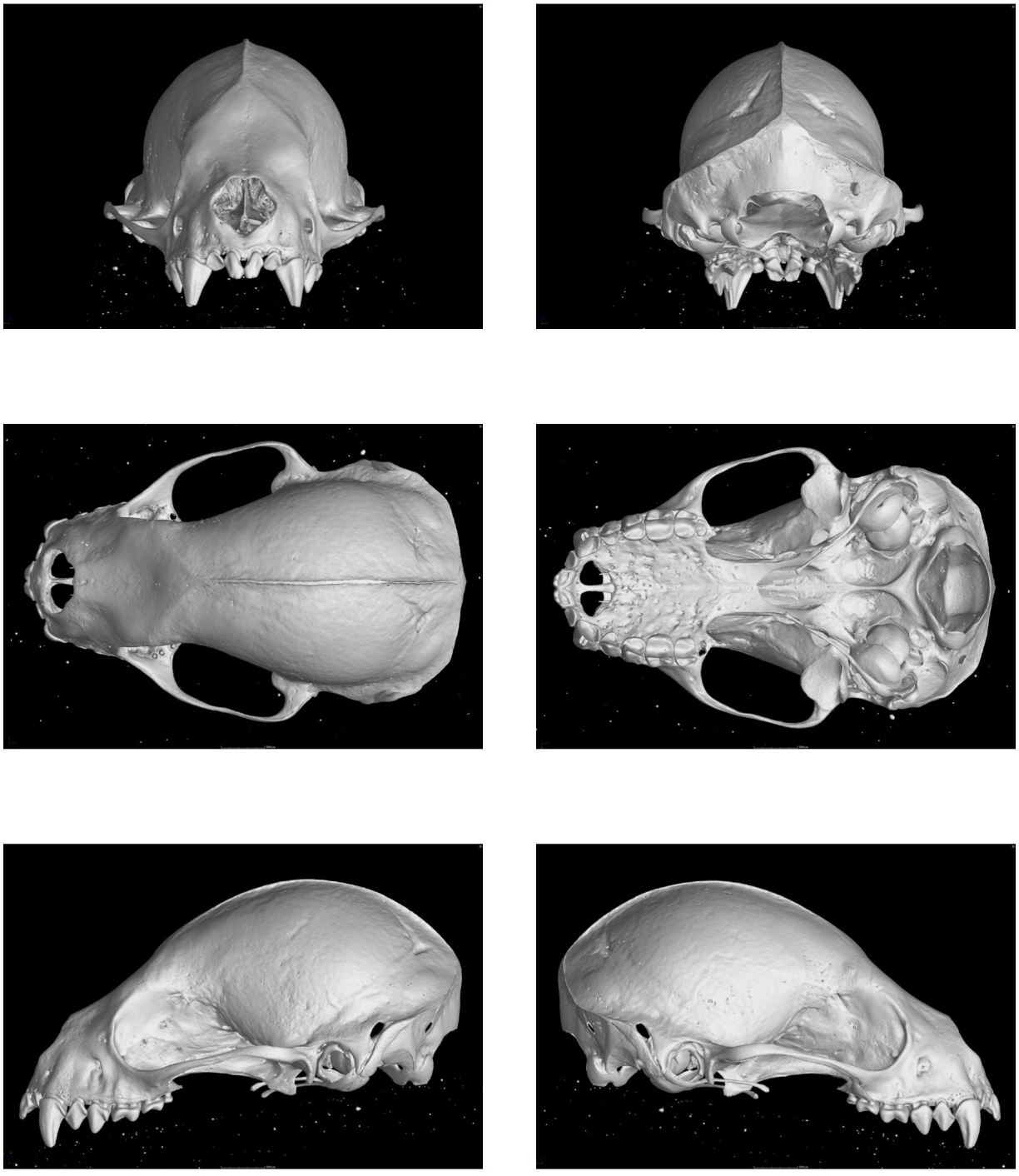


Jaw: 15 μm resolution

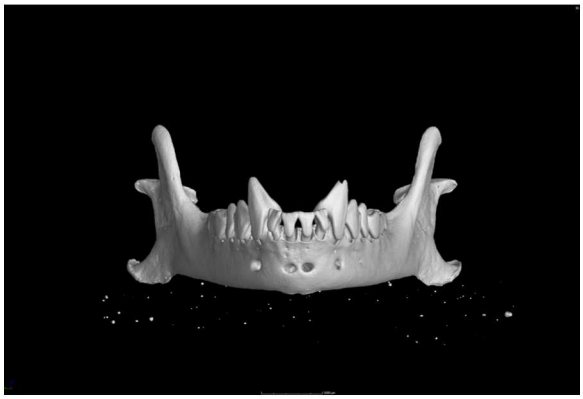
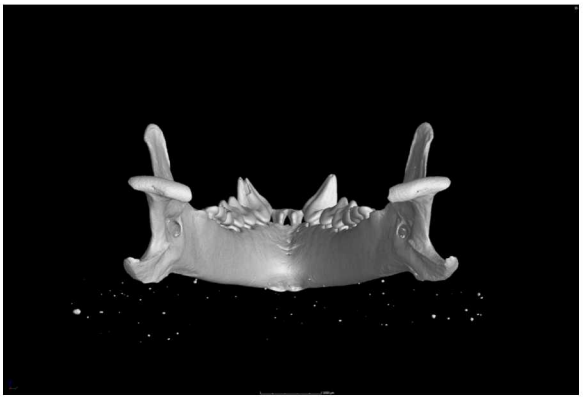
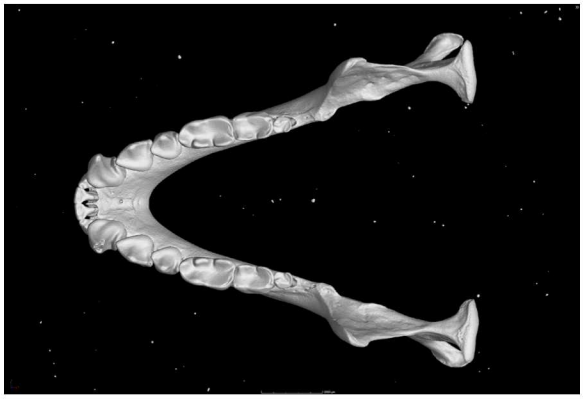
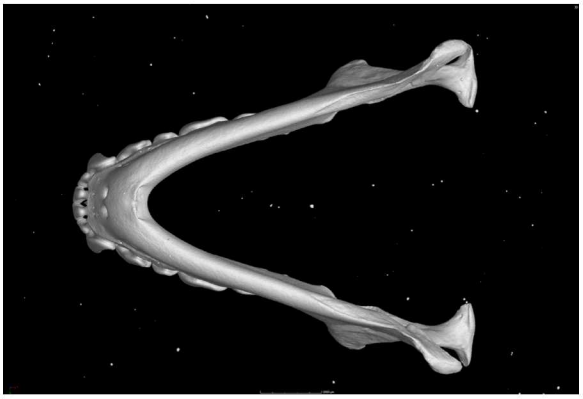





**MSB 16923: *Sturnira parvidens***

Skull: 15 µm resolution

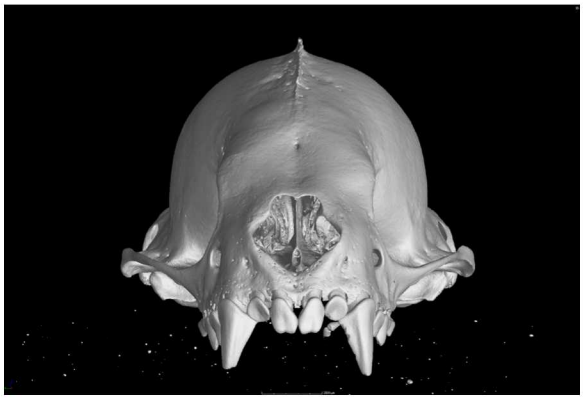
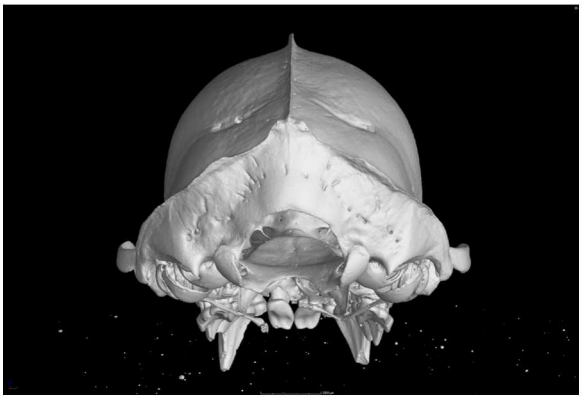


Jaw: 15 µm resolution

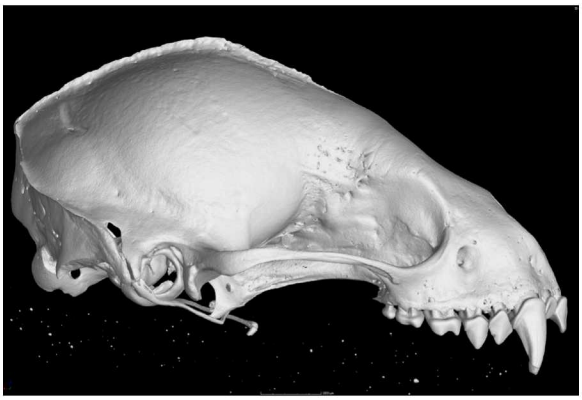





**MSB 67055: *Sturnira tildae***

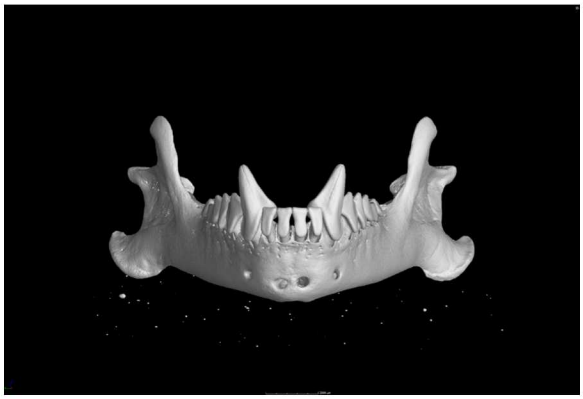
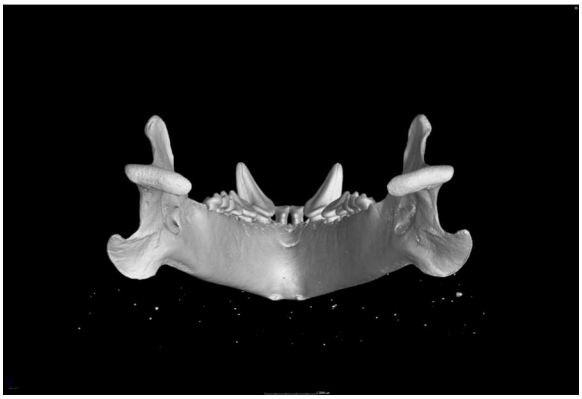
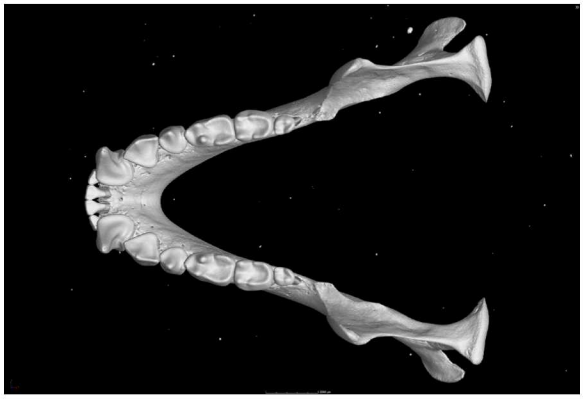
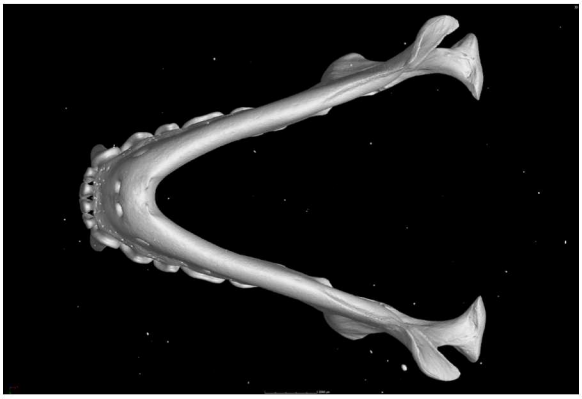
Skull: 15 µm resolution



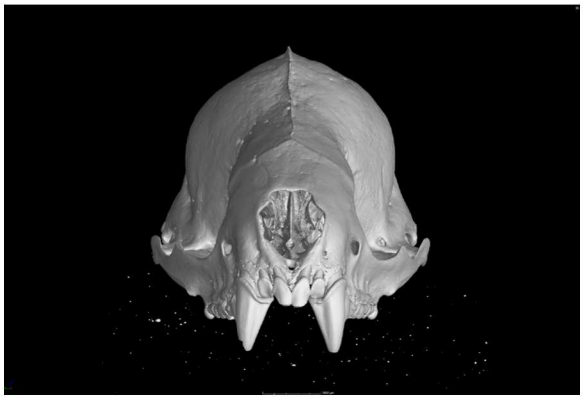
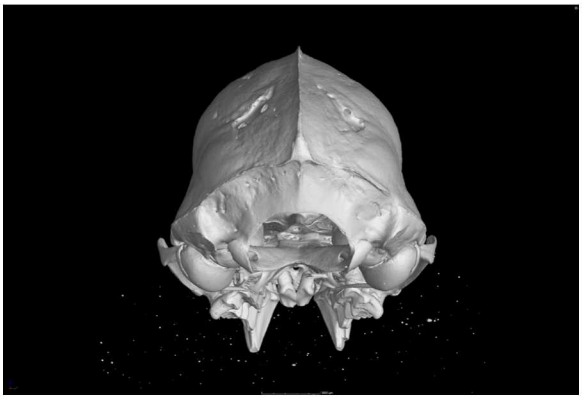
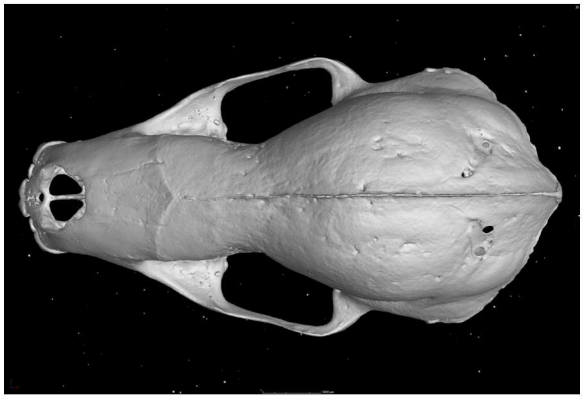
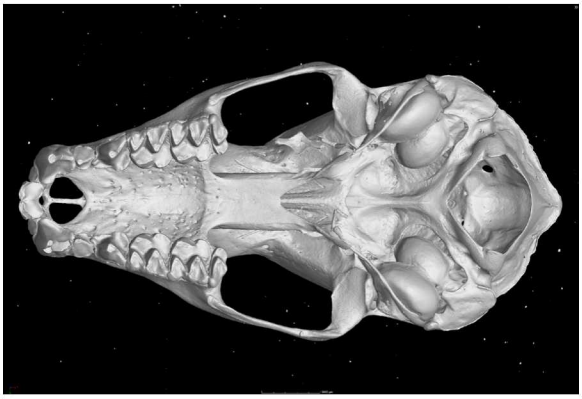
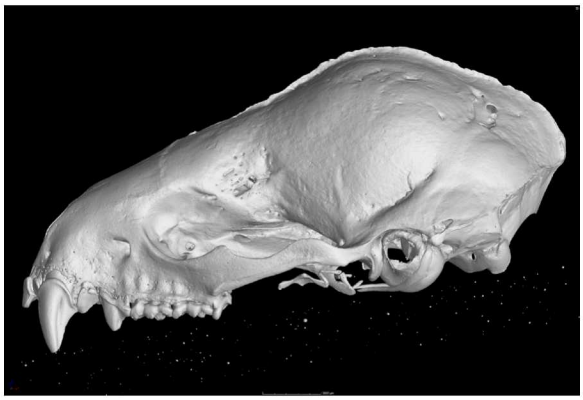
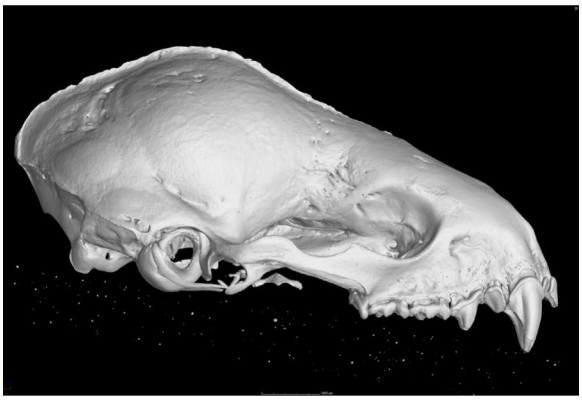


Jaw: 15 µm resolution

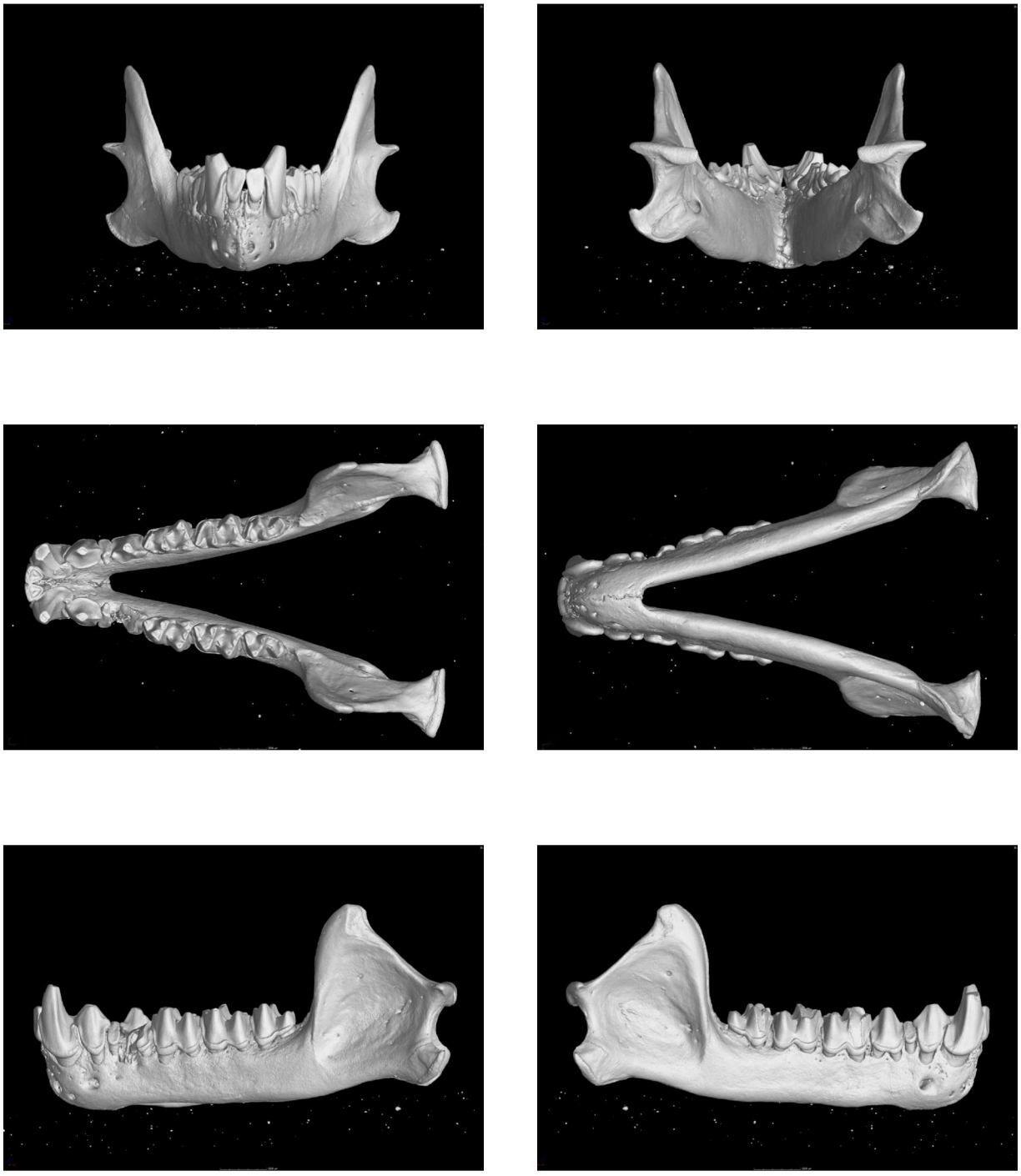





**MSB 32822: *Tonatia bidens bidens***

Skull: 16 µm resolution

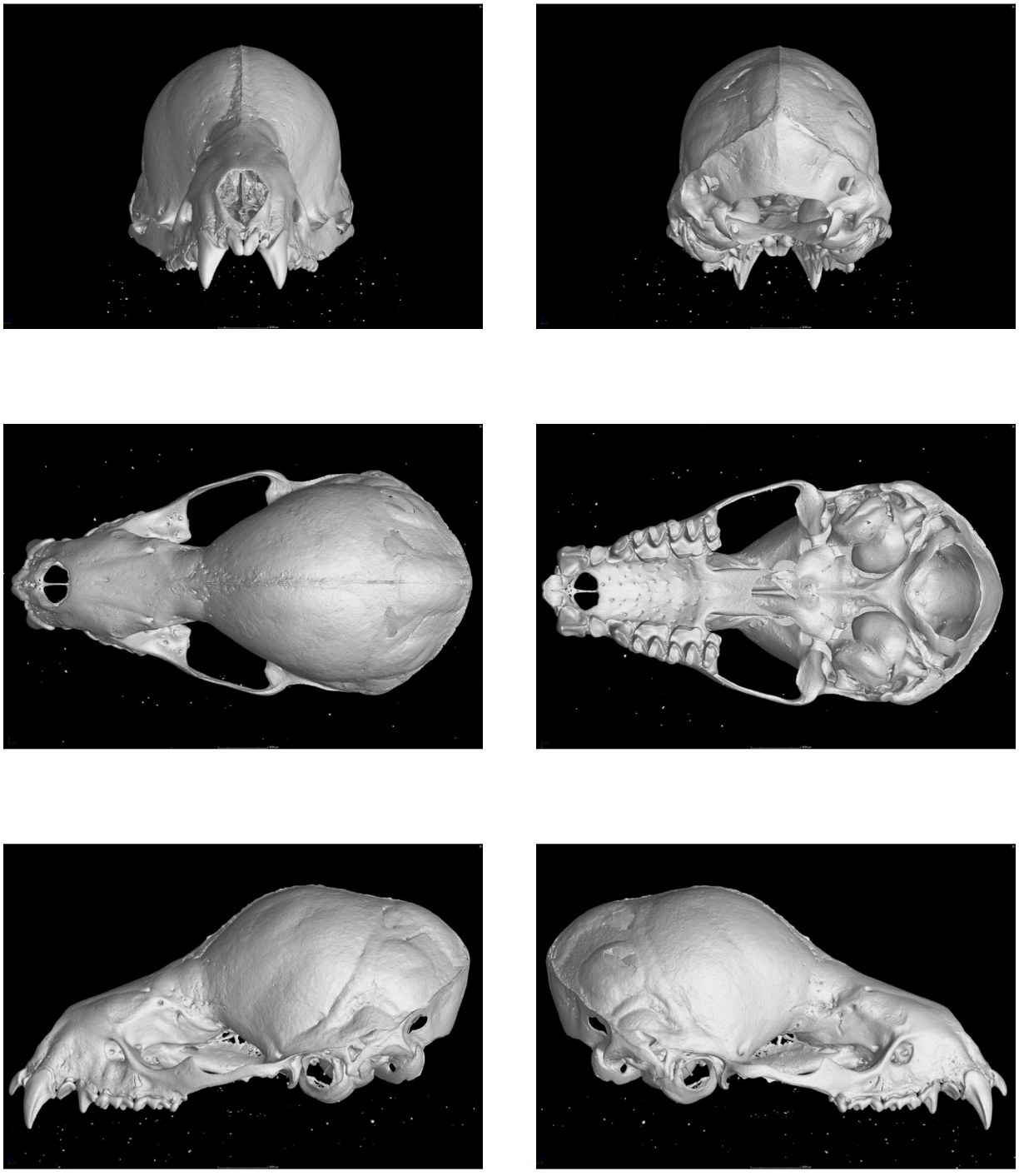







Jaw: 16 µm resolution

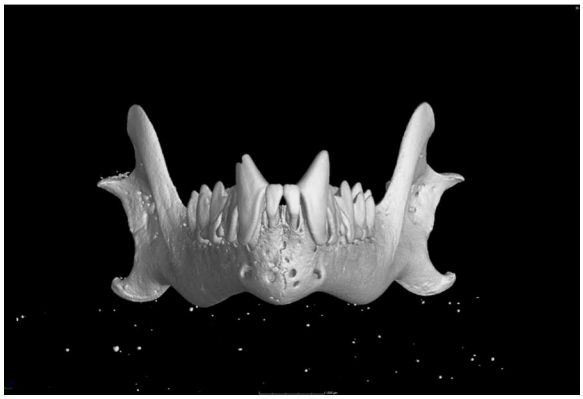
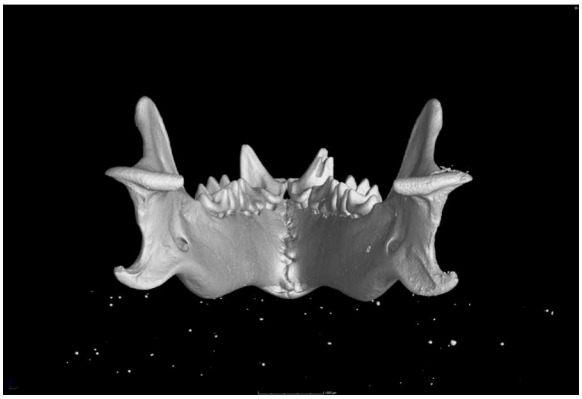
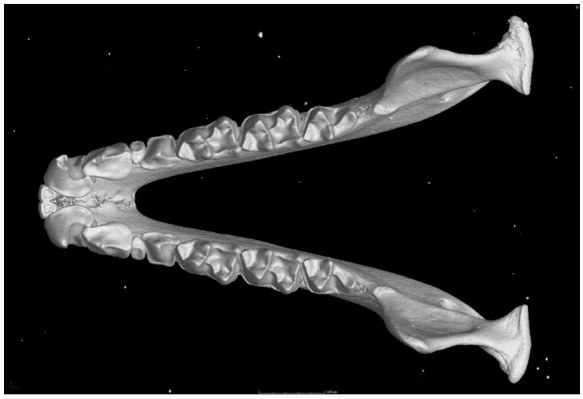
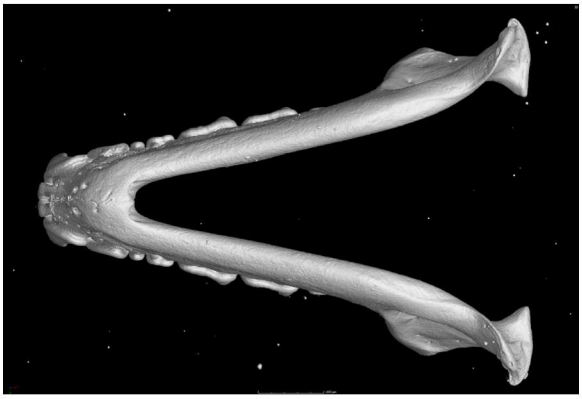


**MSB 28346: *Tonatia brasiliense***

Skull: 15 µm resolution

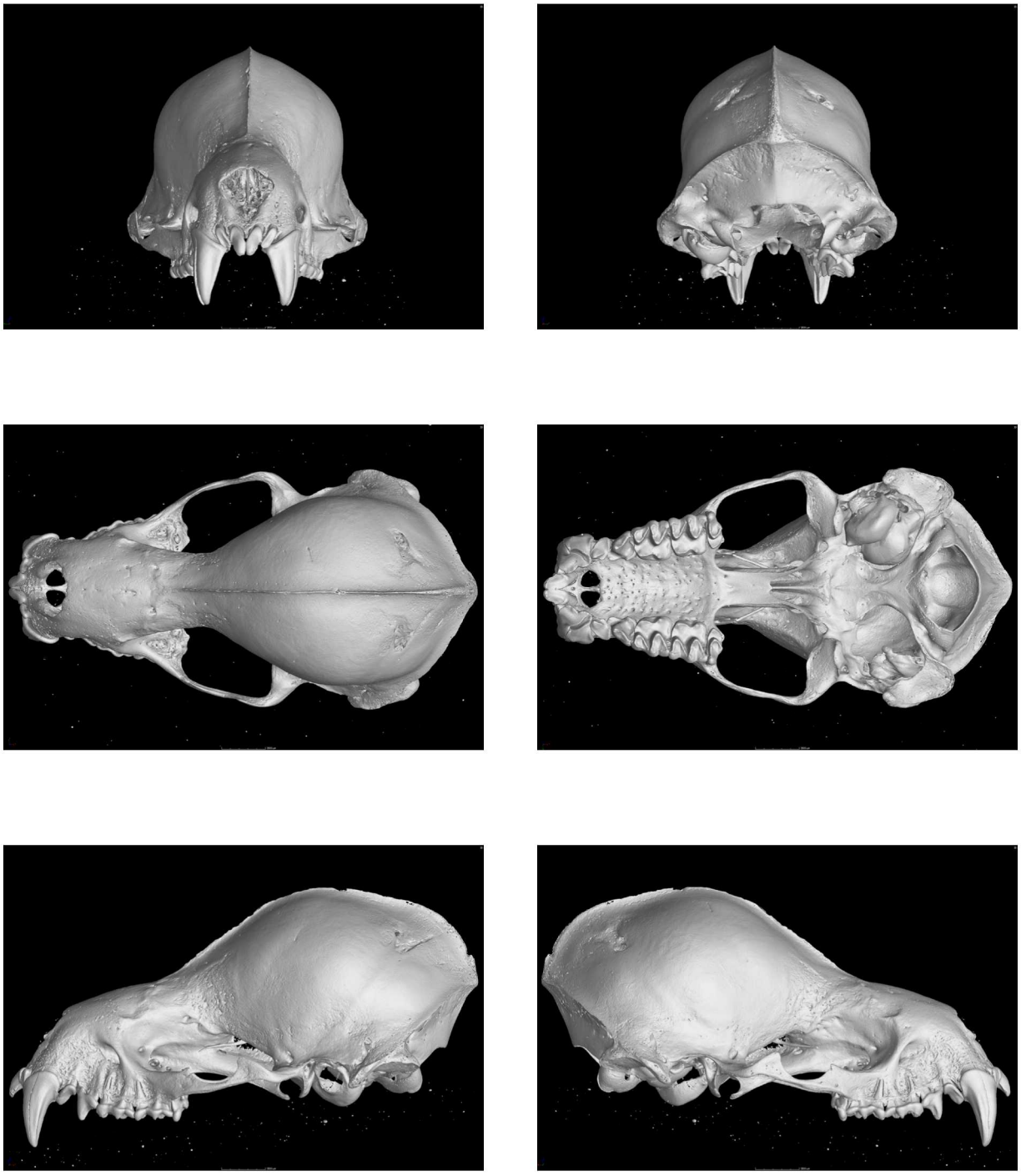


Jaw: 15 µm resolution

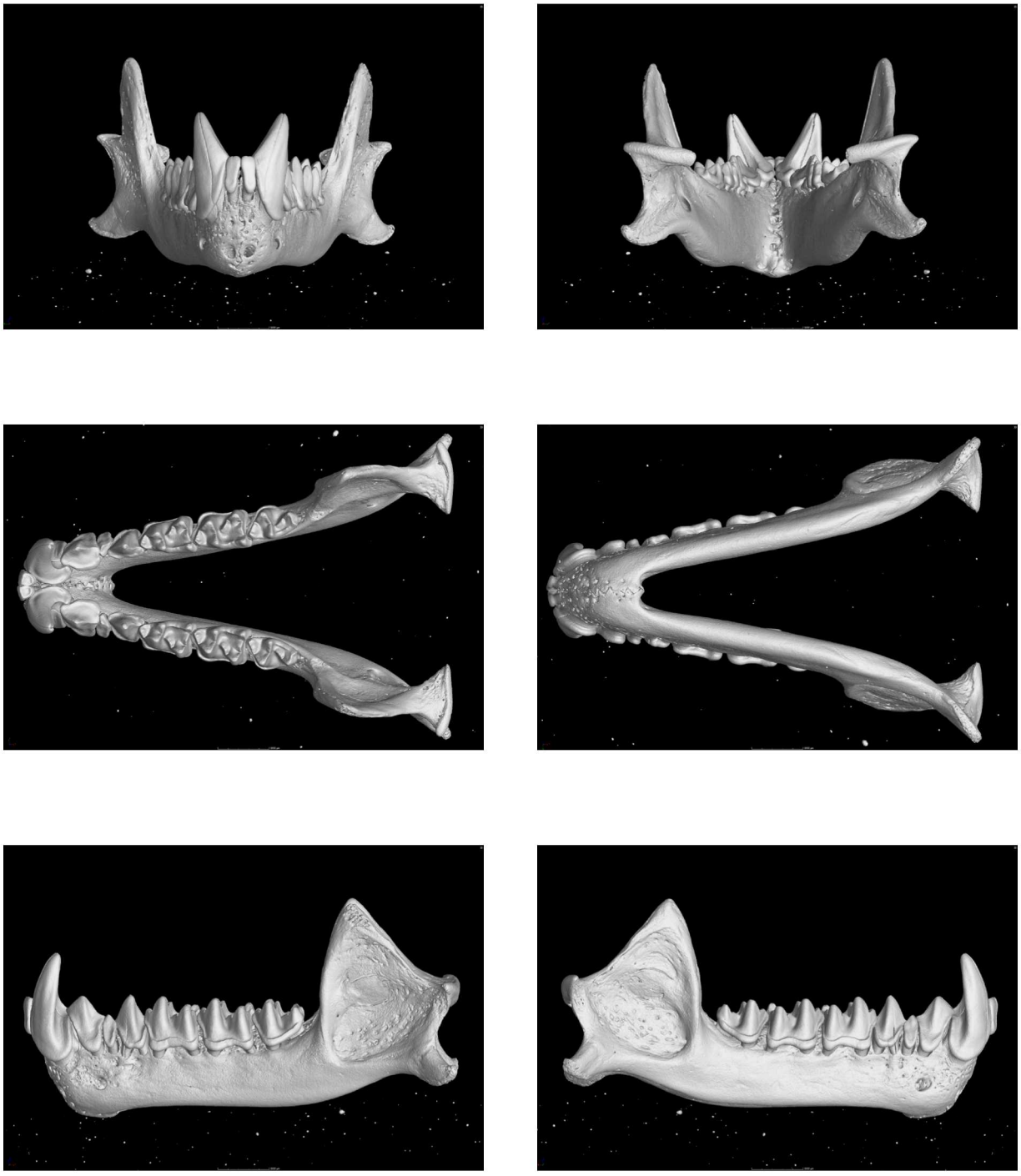





**MSB 29555: *Tonatia silvicola sylvicola***

Skull: 16 µm resolution

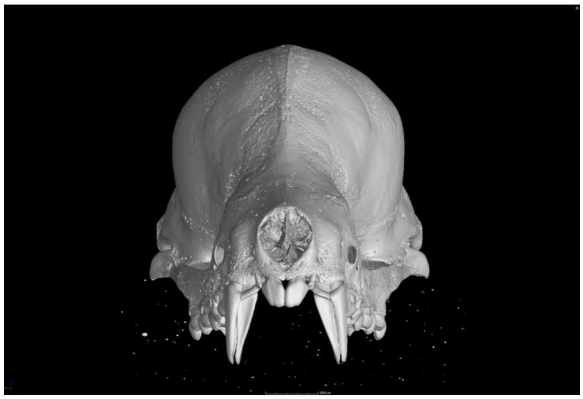
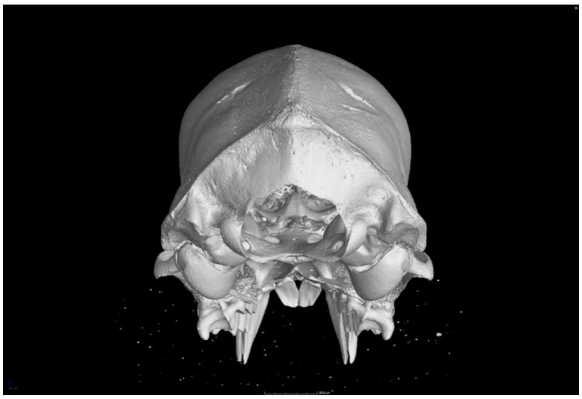
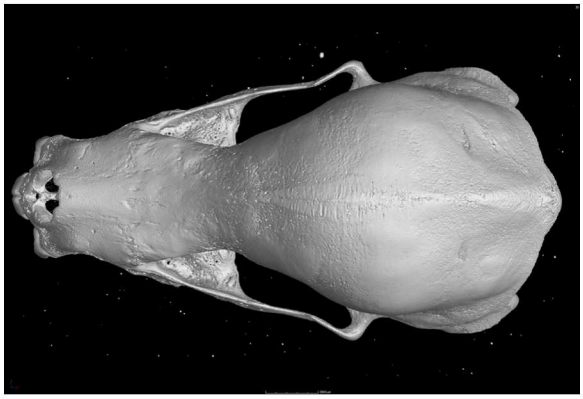
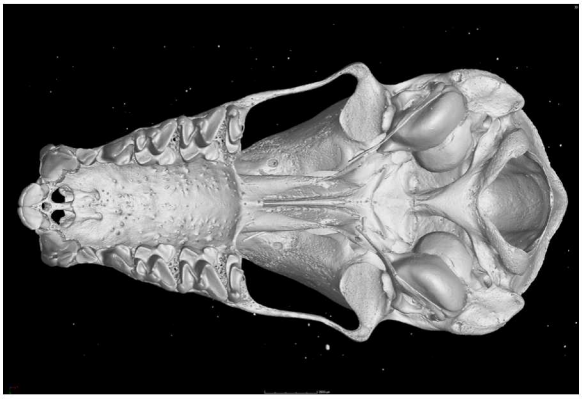
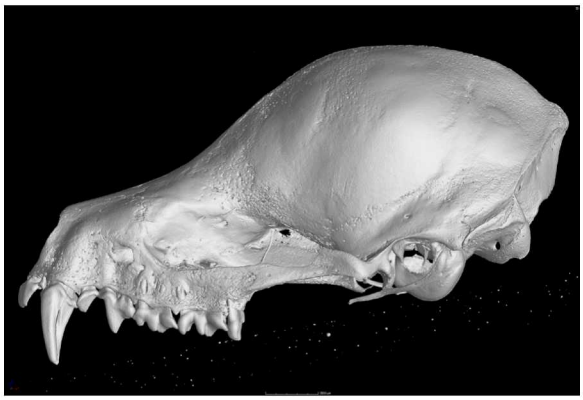


Jaw: 16 µm resolution

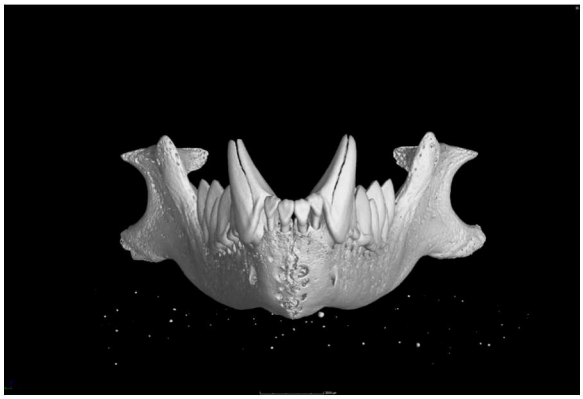
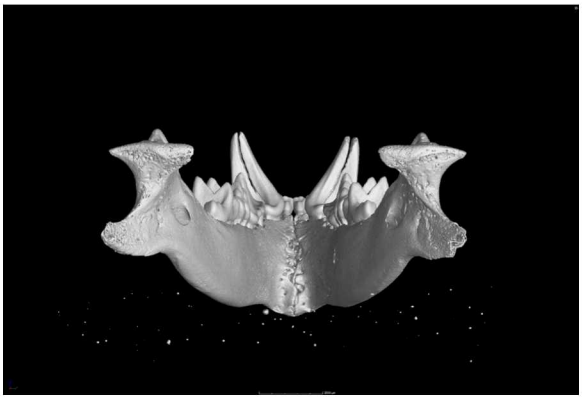
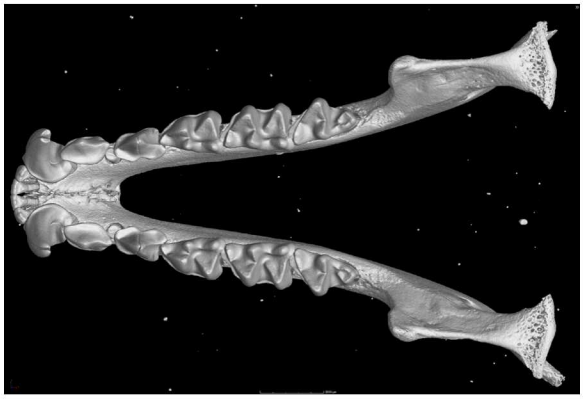
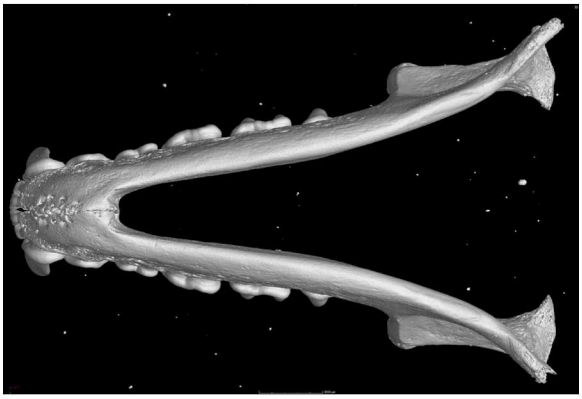


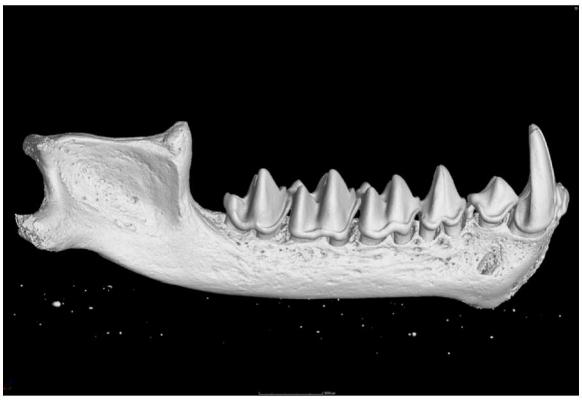
**MSB 28343: *Trachops cirrhosus cirrhosus***

Skull: 15 µm resolution

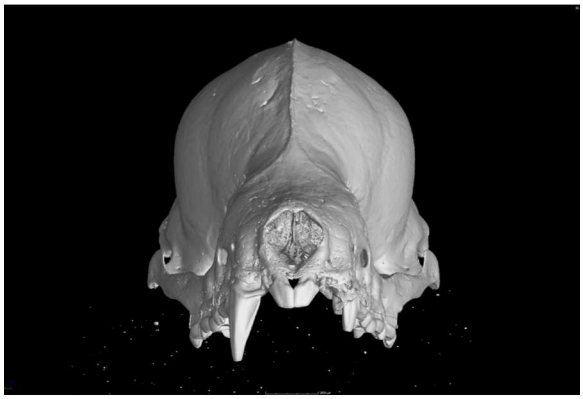
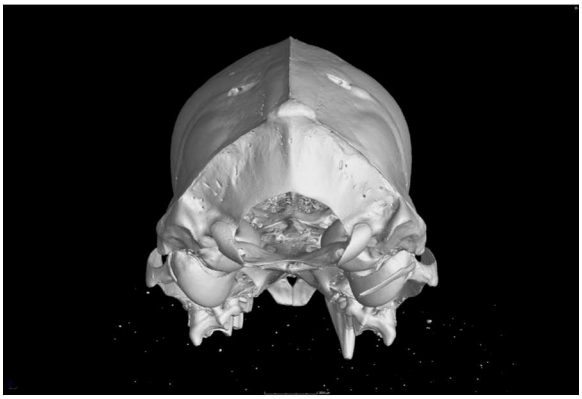

Jaw: 15 µm resolution

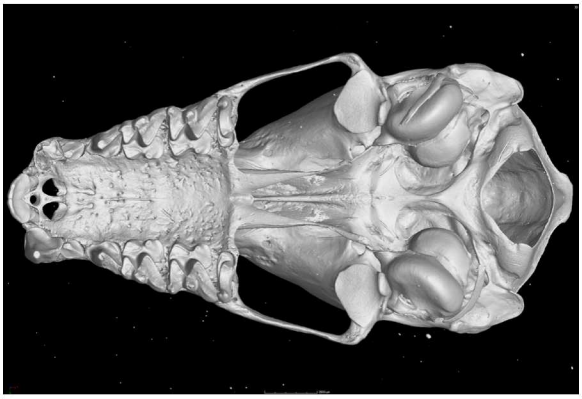
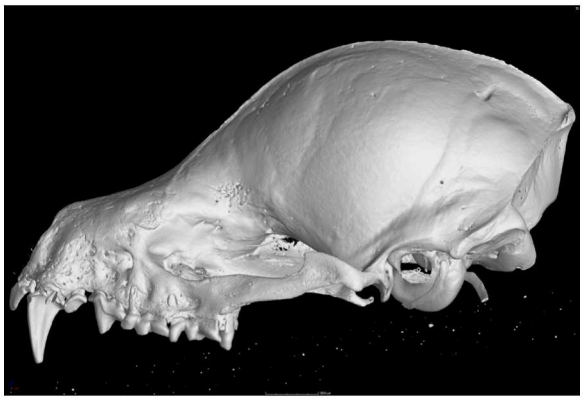
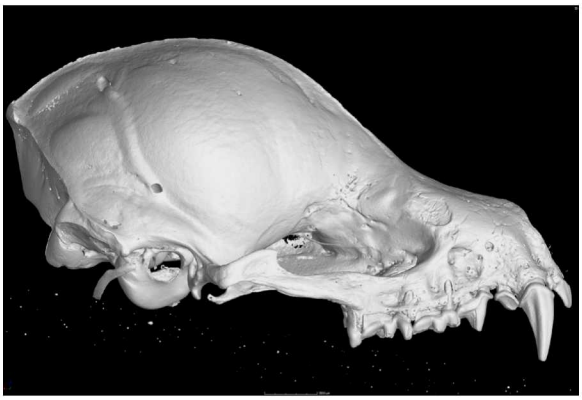







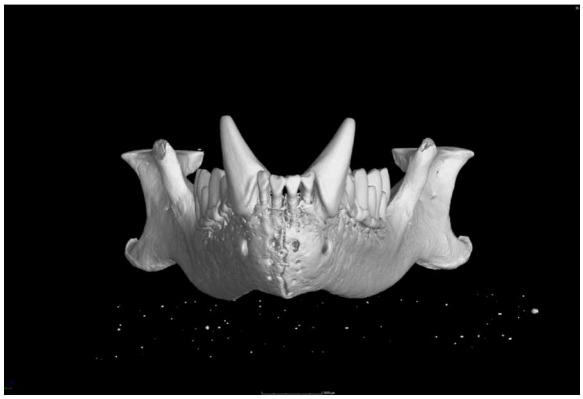
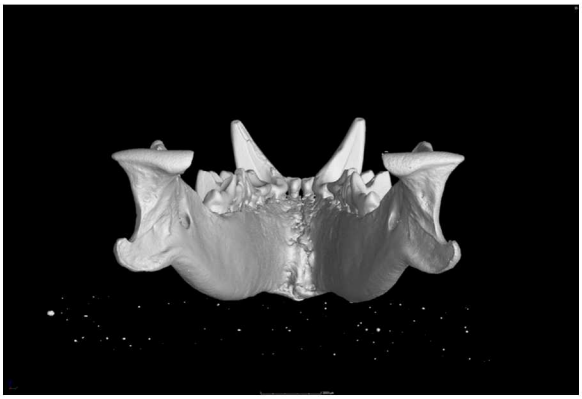
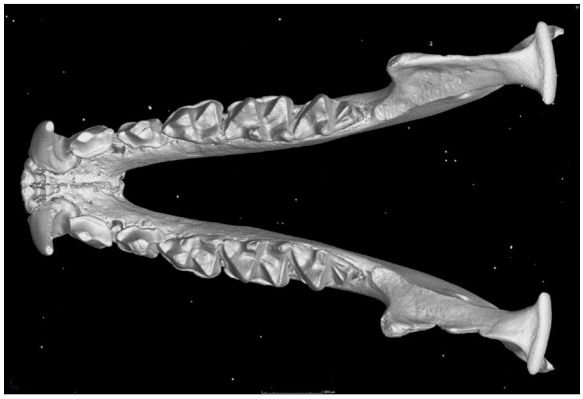
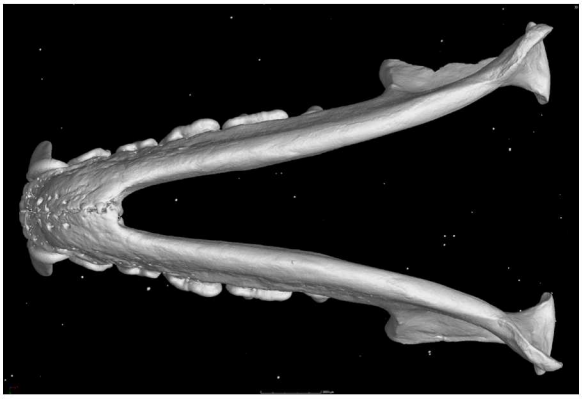
**MSB 32638: *Trachops cirrhosus coffini***

Skull: 16 µm resolution

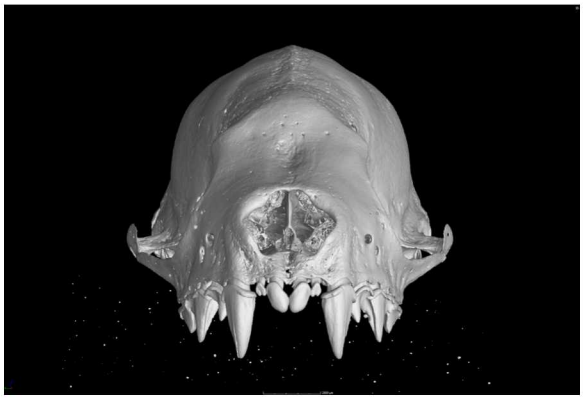




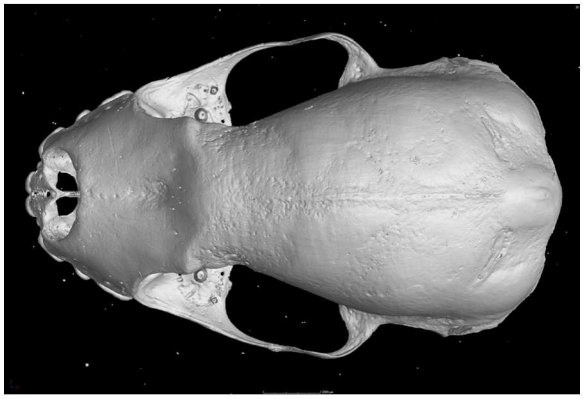
Jaw: 16 µm resolution

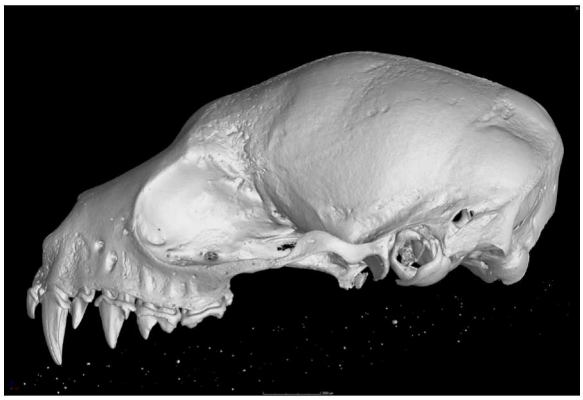





**MSB 59723: *Vampyrops lineatus***

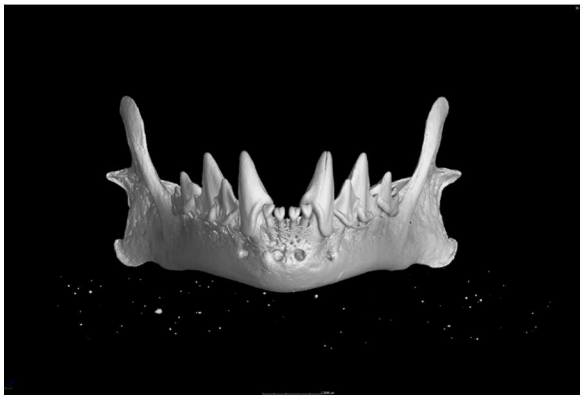
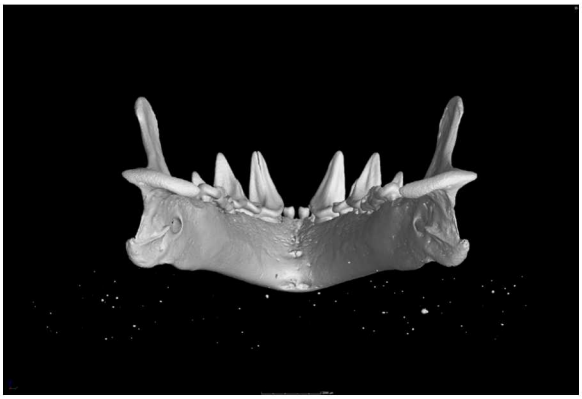
Skull: 16 µm resolution

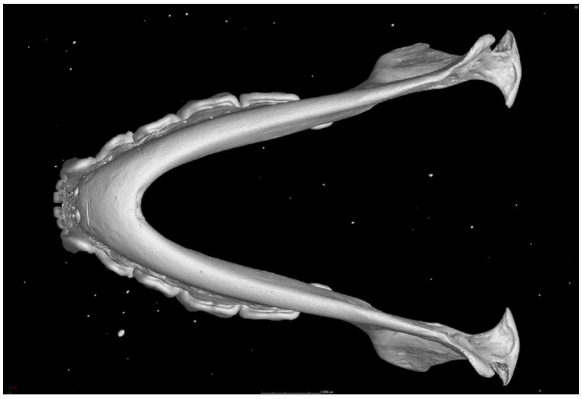


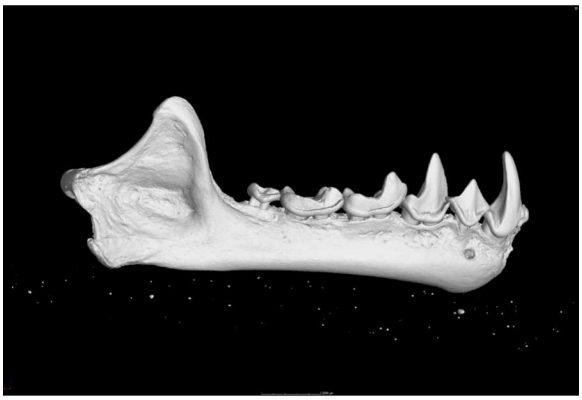





Jaw: 16 µm resolution

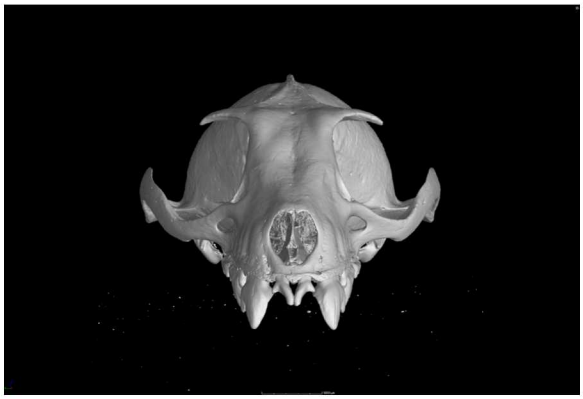
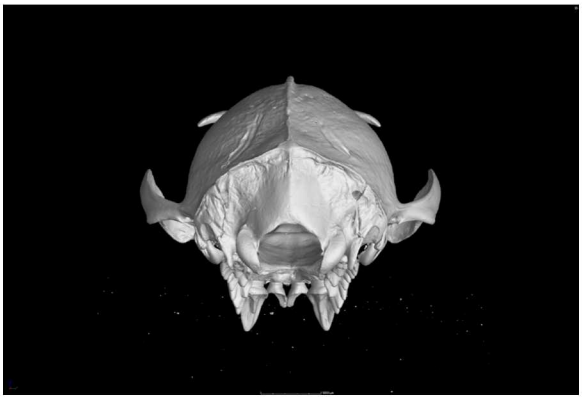



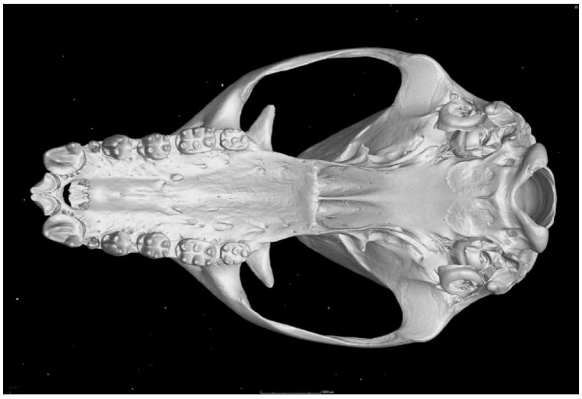
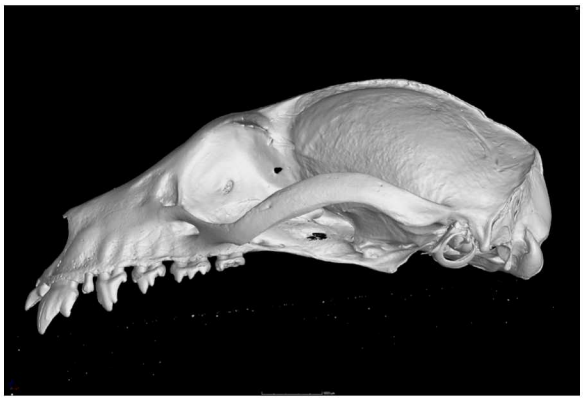




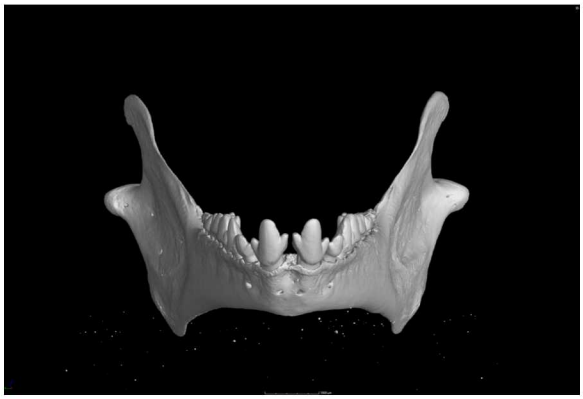
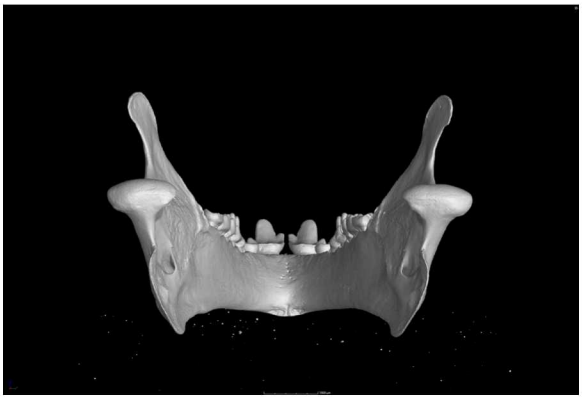
**MSB 93122: *Harpyionycteris celebensis***

Skull: 27 µm resolution

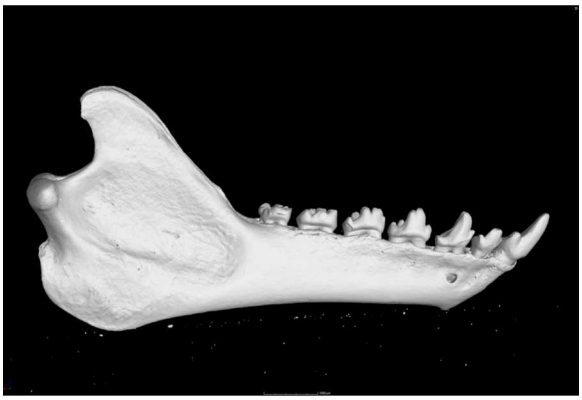




Jaw: 27 µm resolution

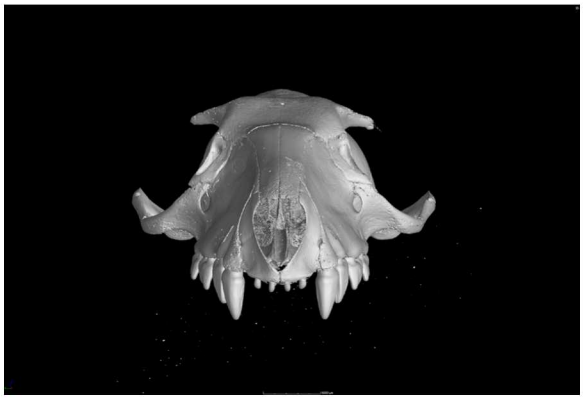
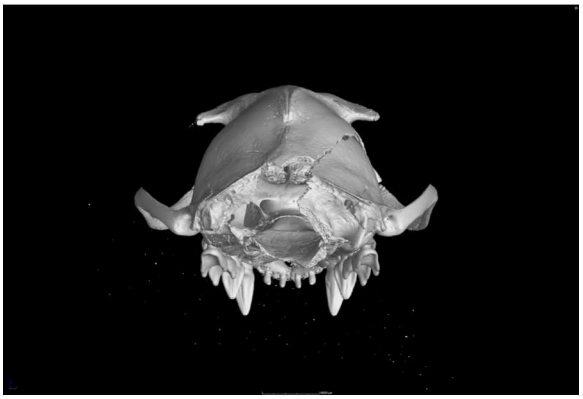







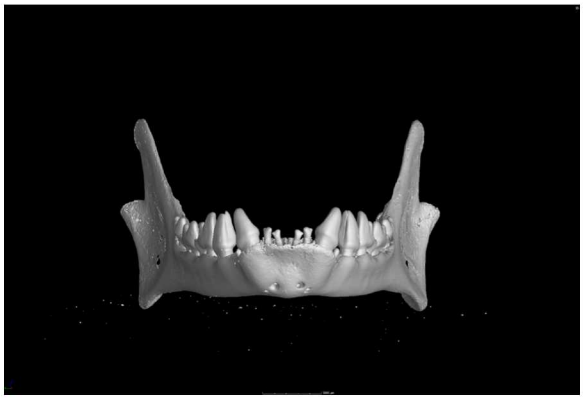
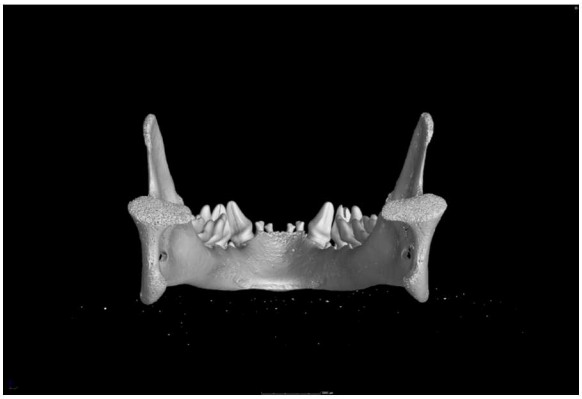
**MSB 28890: *Hypsignathus monstrosus***

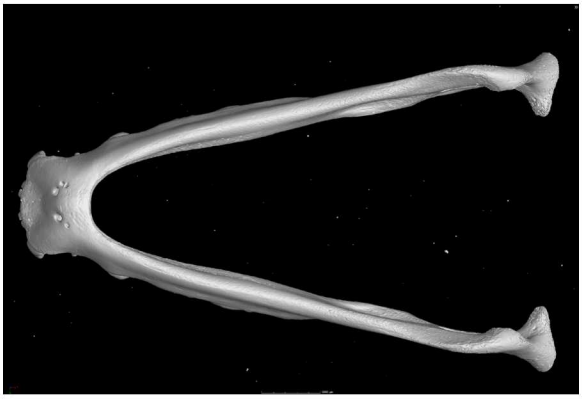
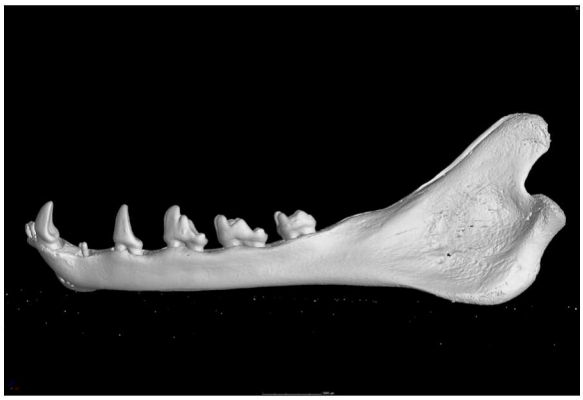
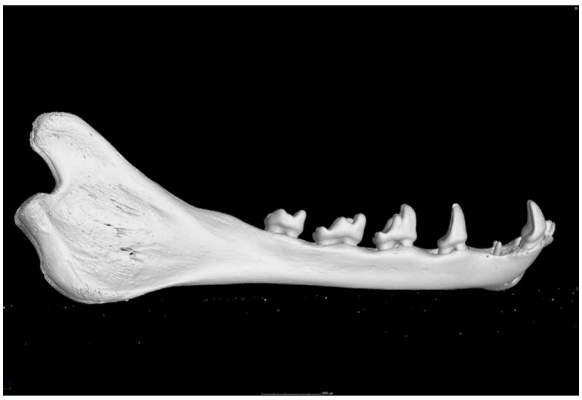
Skull: 32 µm resolution



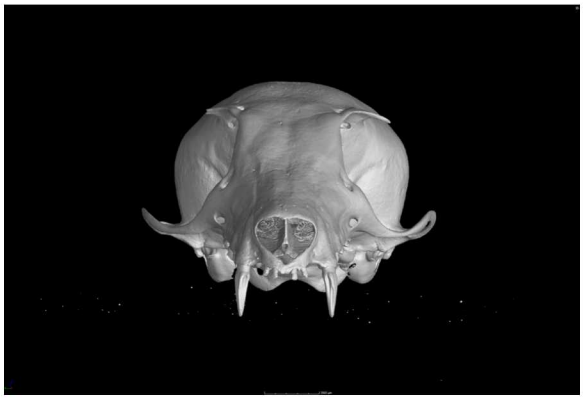
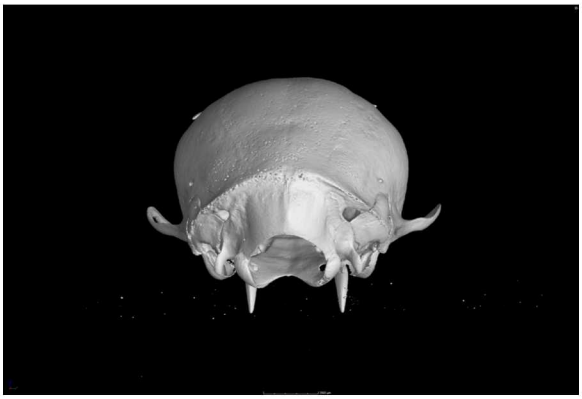
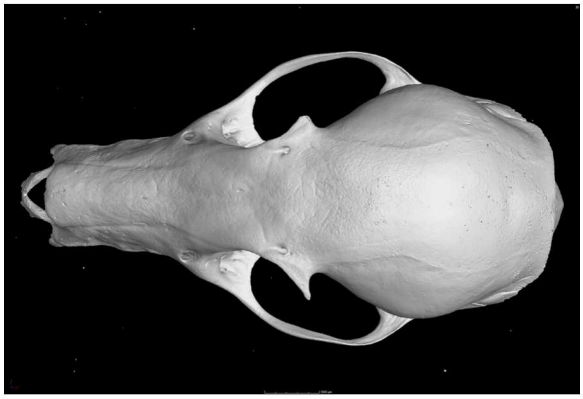
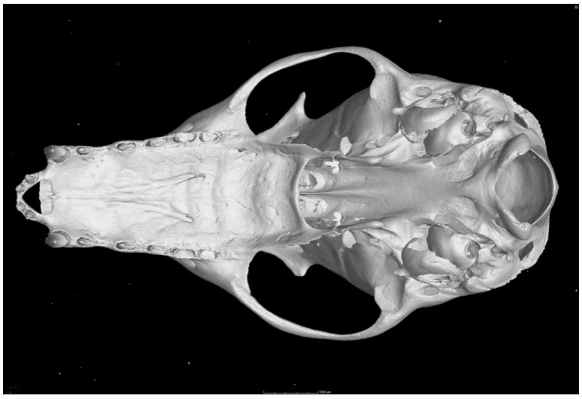
Jaw: 32 µm resolution

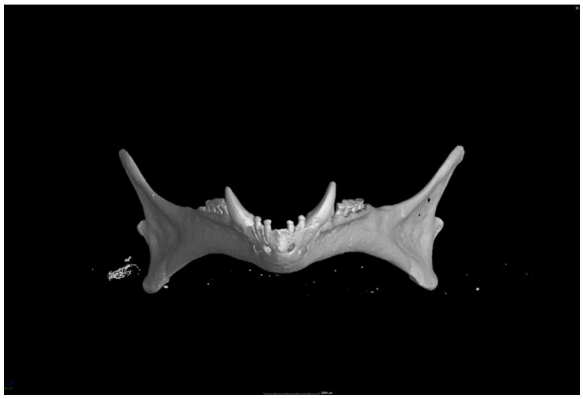
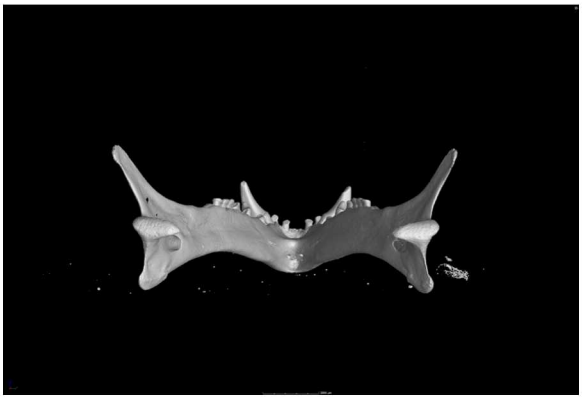
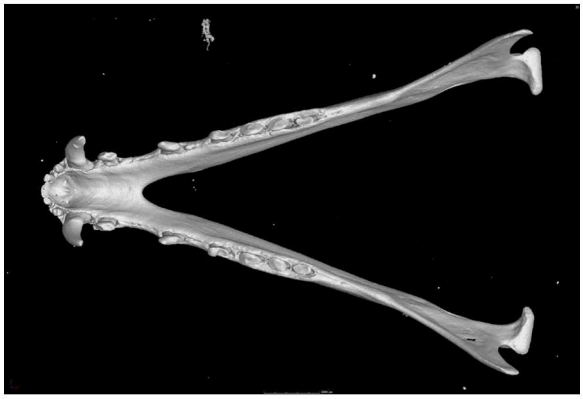




**MSB 93148: *Macroglossus minimus***

Skull: 18 µm resolution

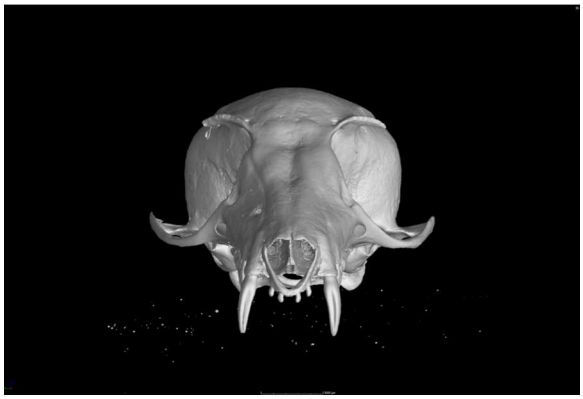
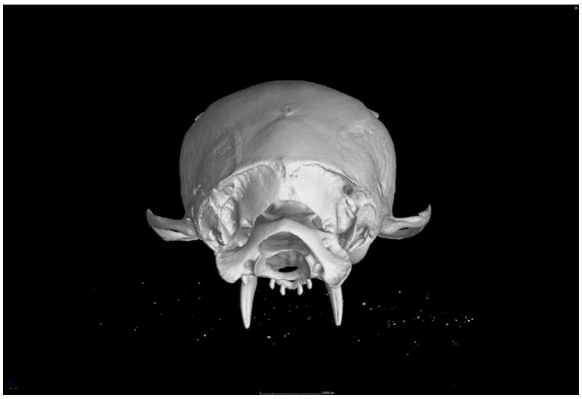





Jaw: 18 μm resolution

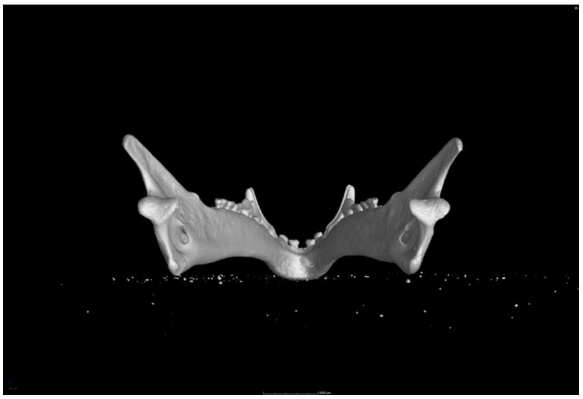
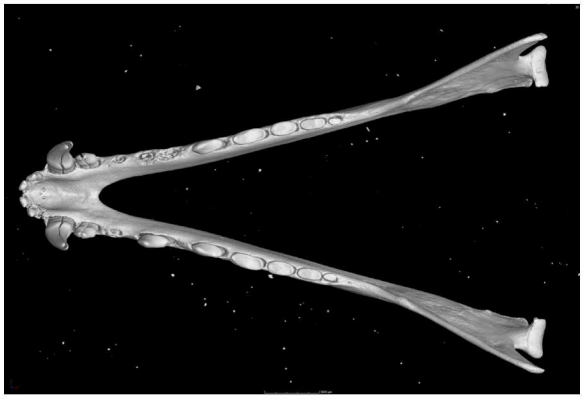
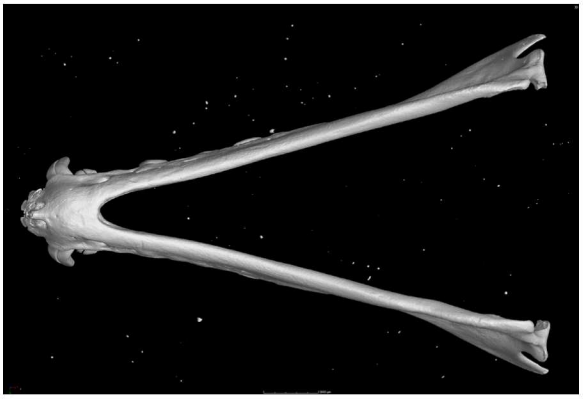
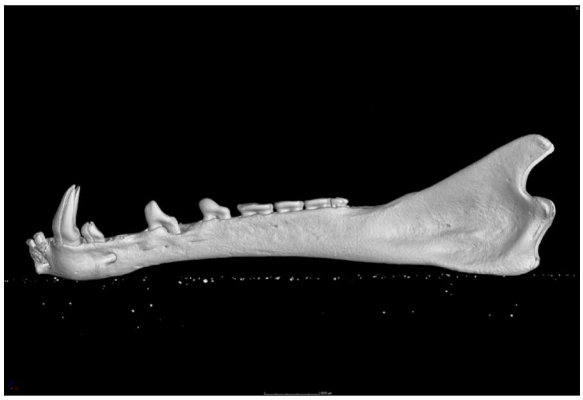

**MSB 37657: *Megaloglossus woermanni***

Skull: 16 µm resolution

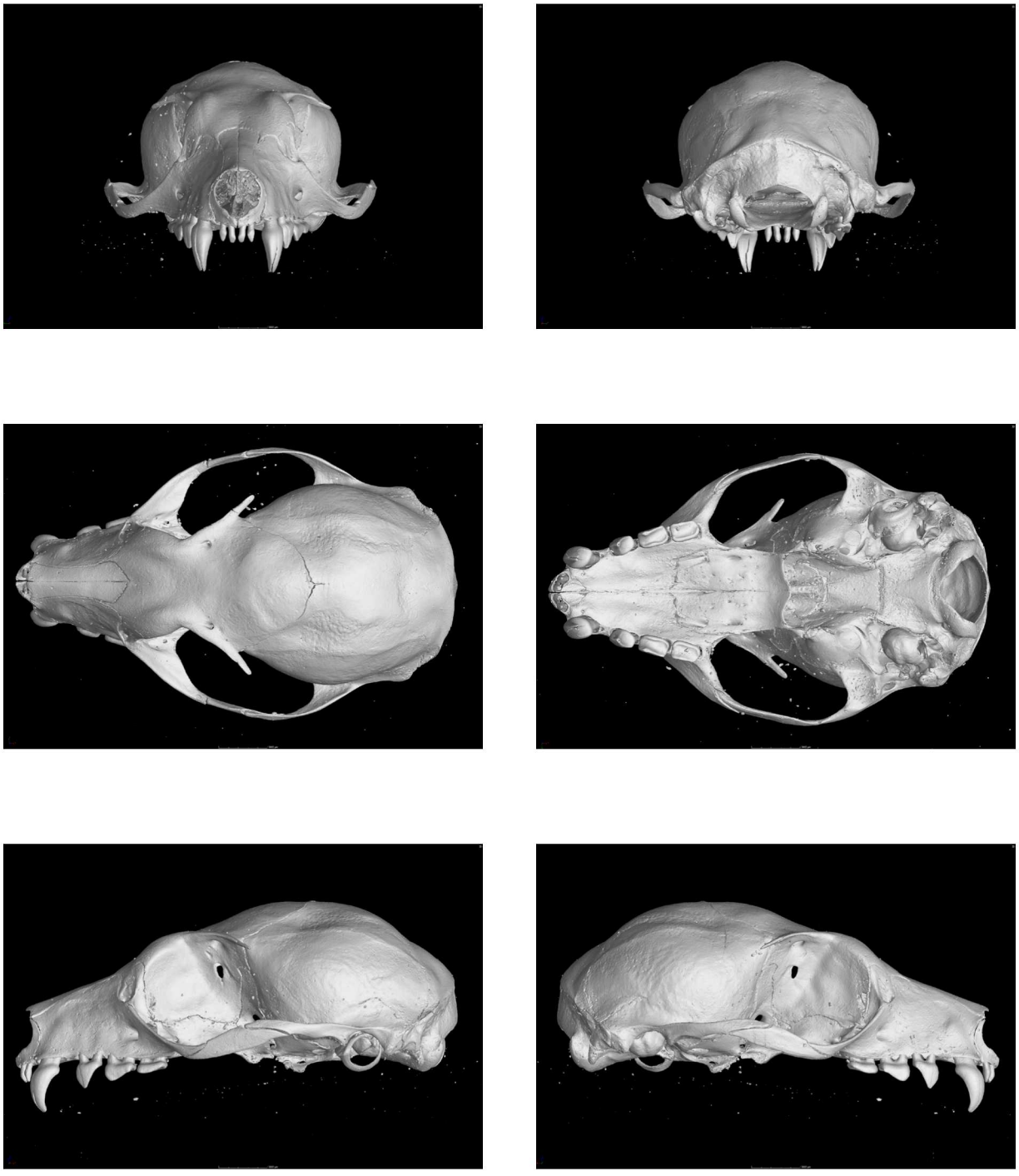


Jaw: 16 μm resolution

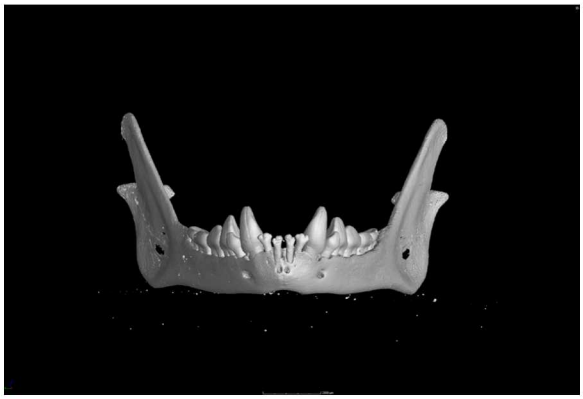
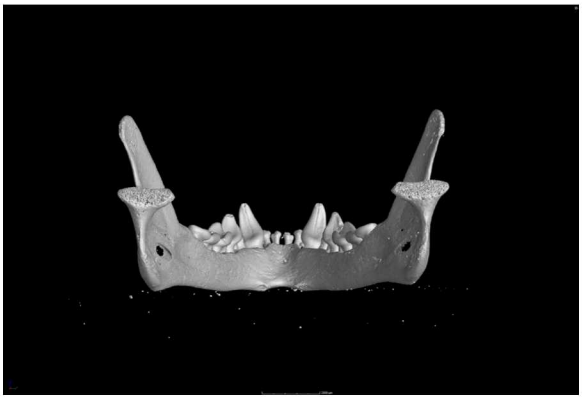
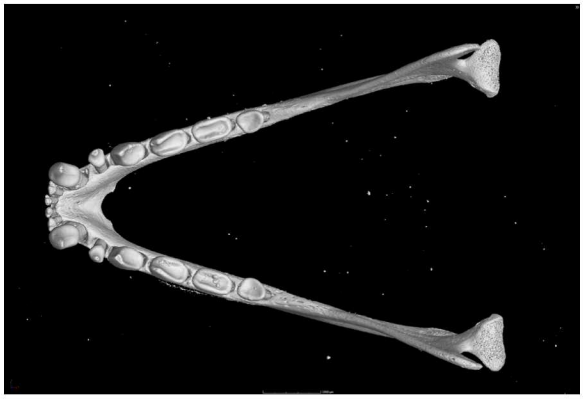
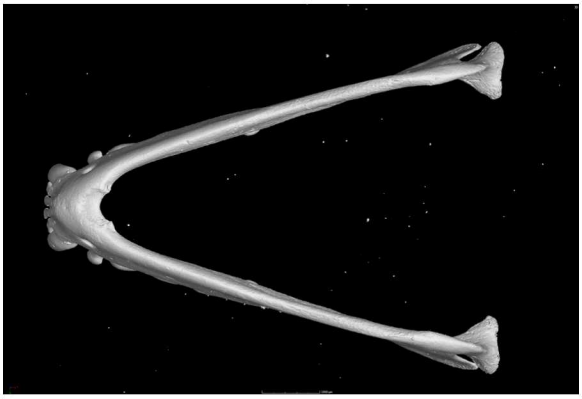







**MSB 274577: *Micropteropus pusillus***

Skull: 18 µm resolution

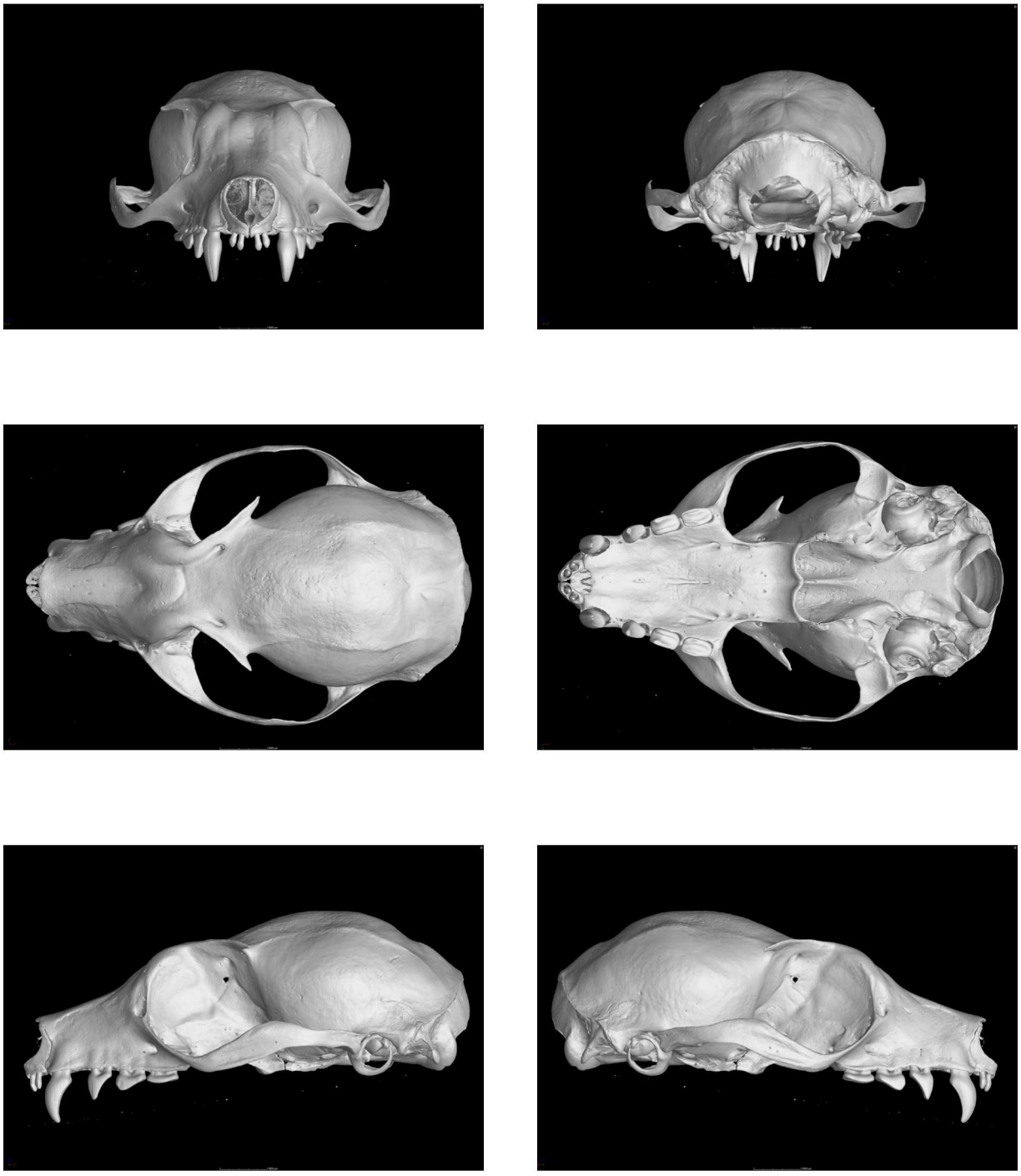


Jaw: 18 μm resolution

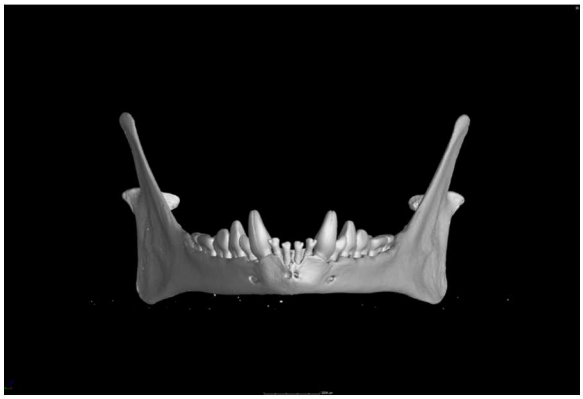
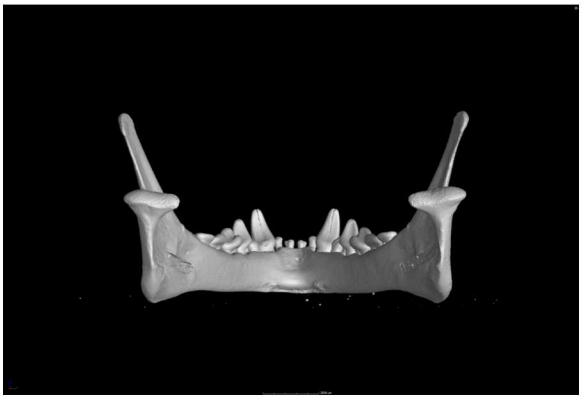
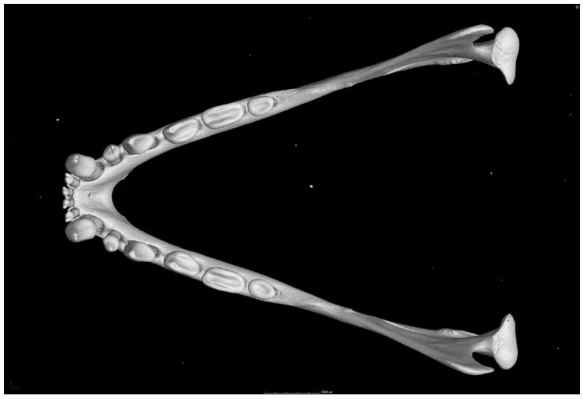
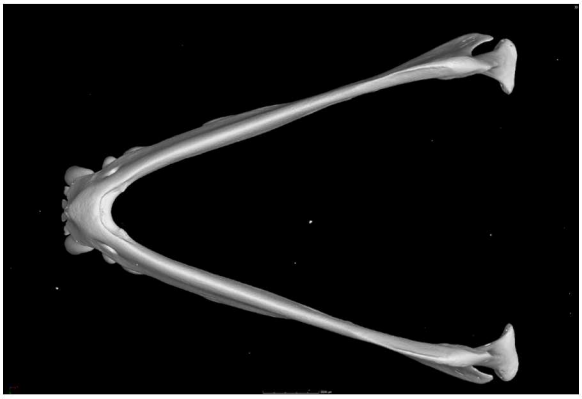





**MSB 25223: *Micropteropus pusillus***

Skull: 18 µm resolution

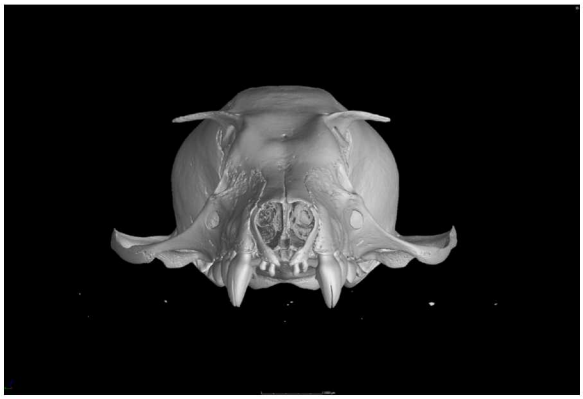
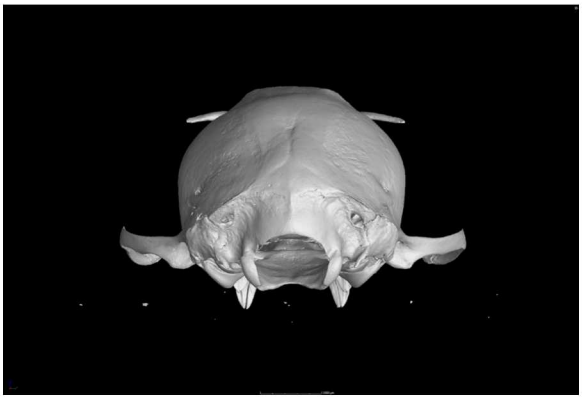


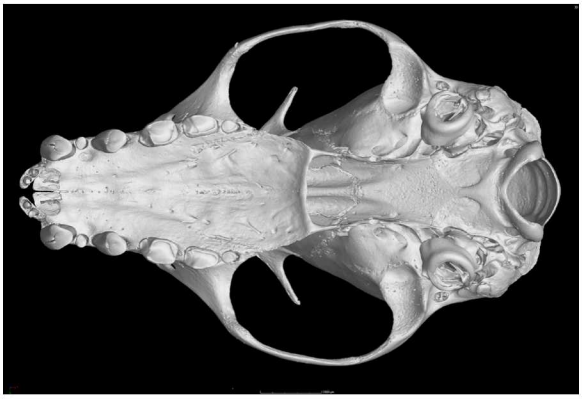
Jaw: 18 μm resolution

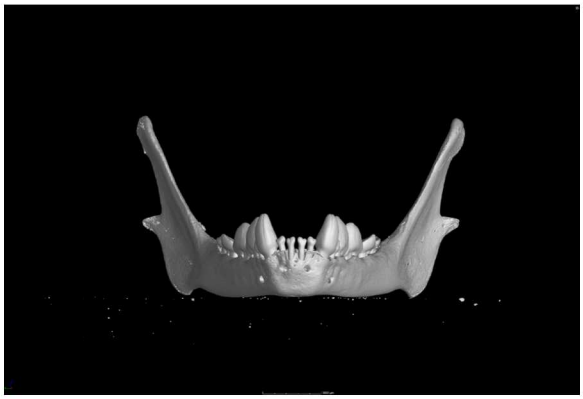
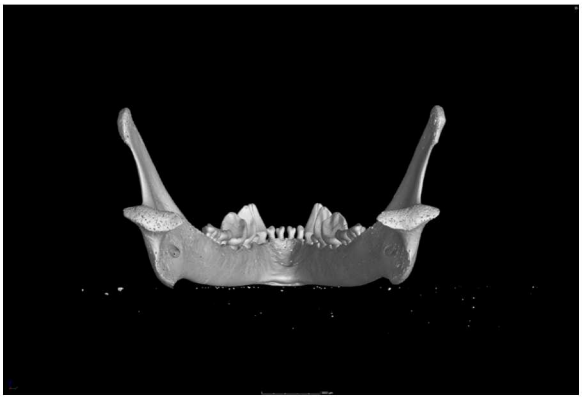
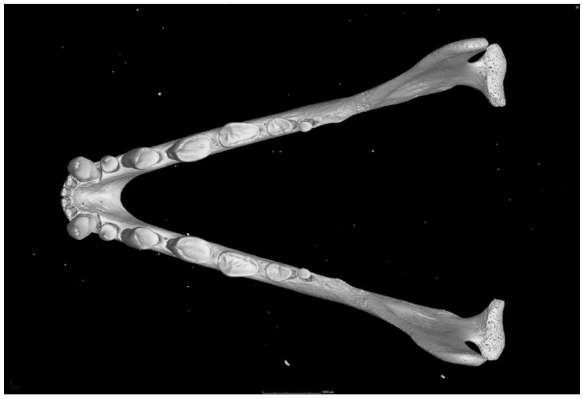
**MSB 29923: *Myonycteris torquata***

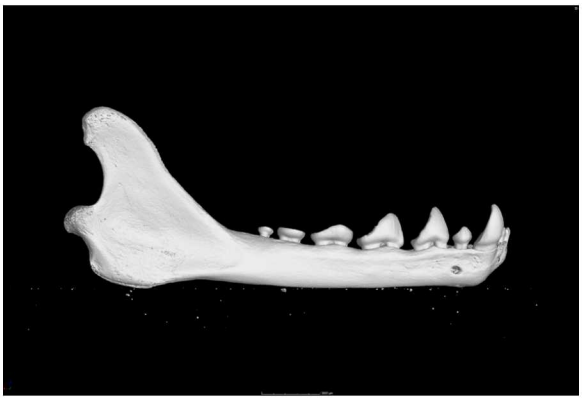
Skull: 18 µm resolution



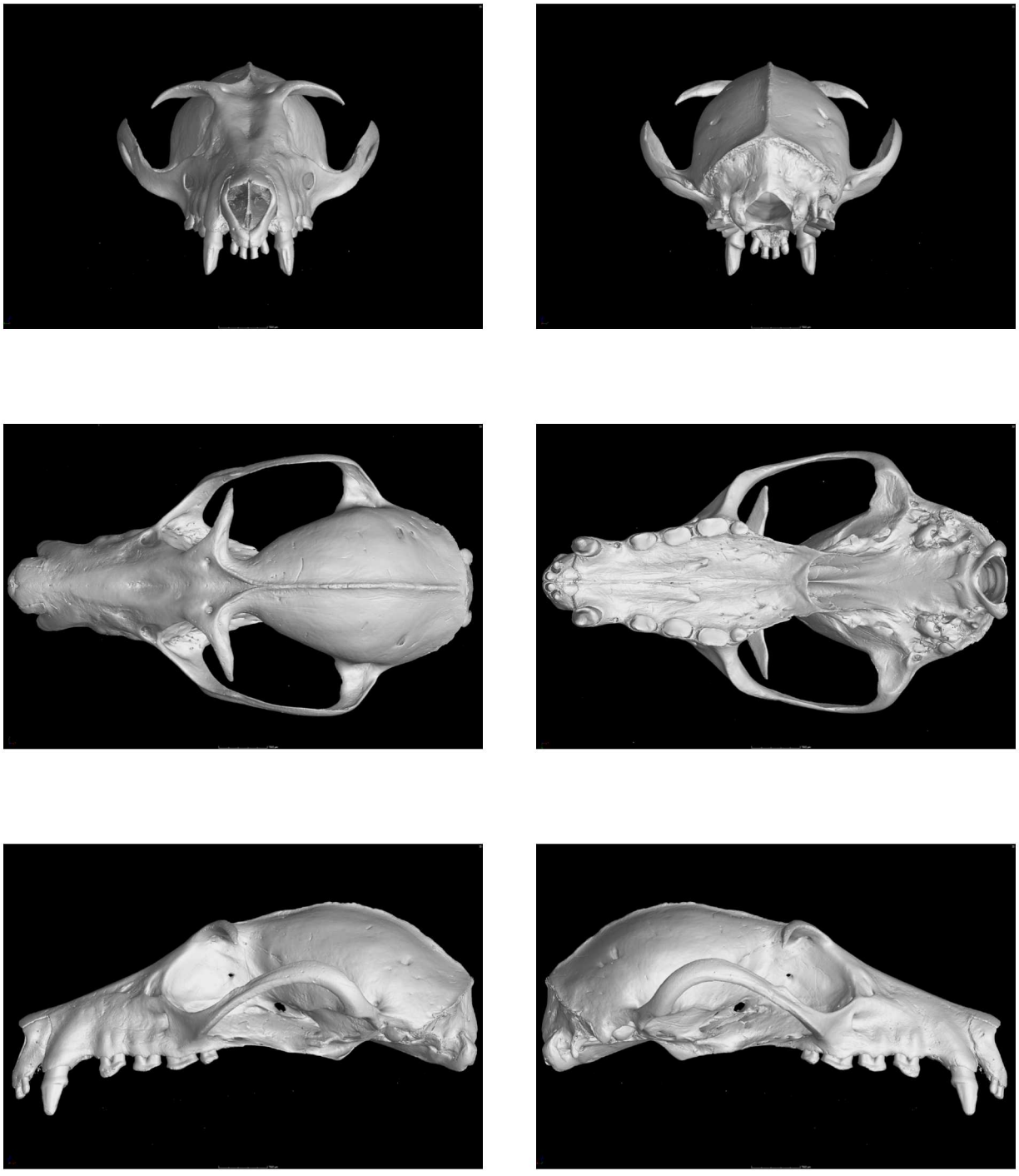
Jaw: 18 μm resolution

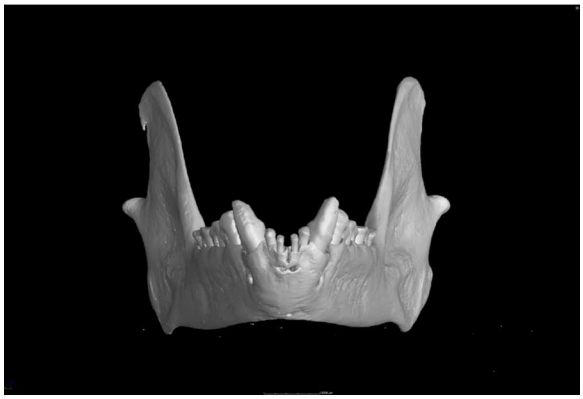
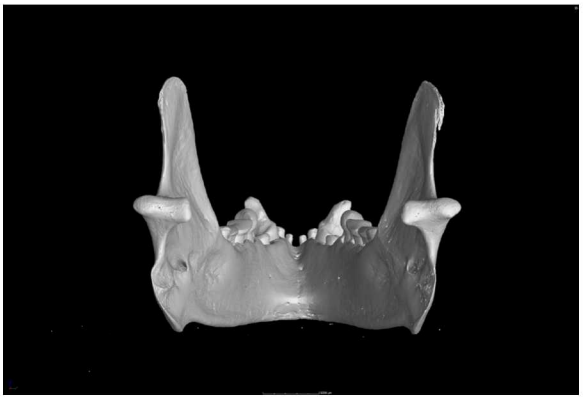
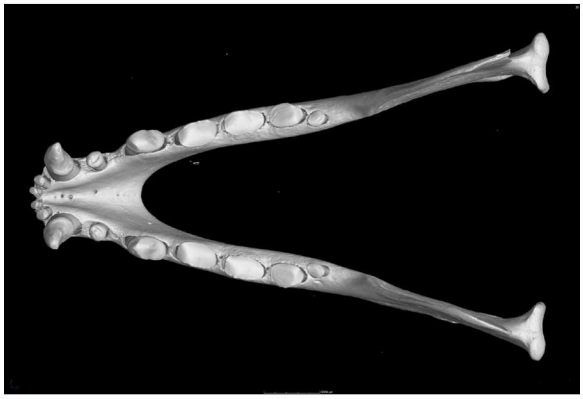
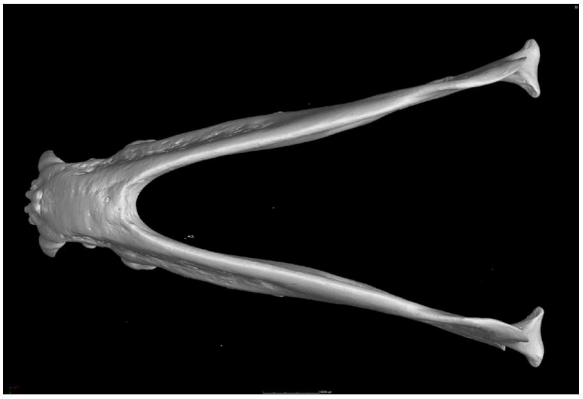



**MSB 19601: *Pteropus giganteus***

Skull: 40 µm resolution

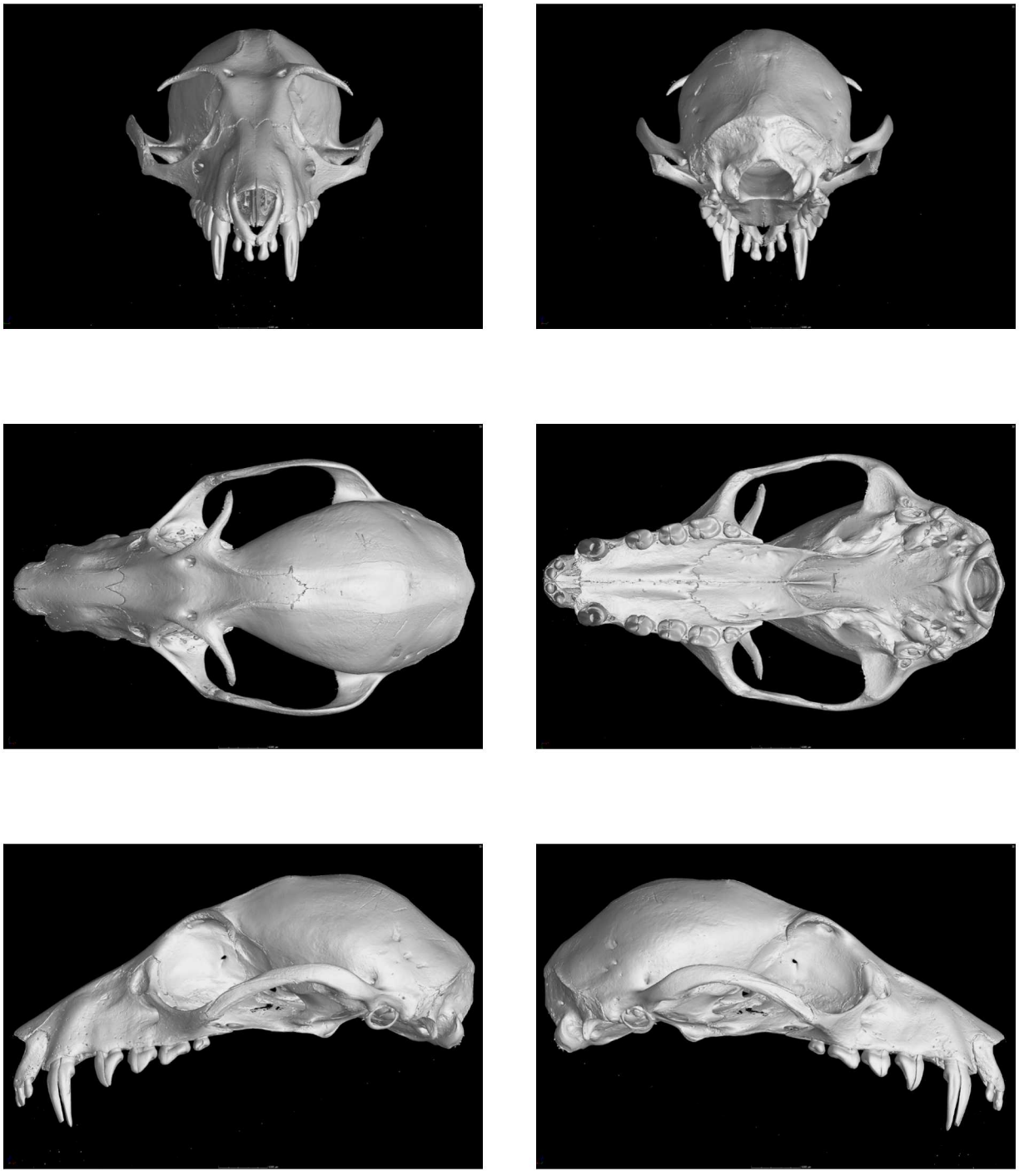


Jaw: 40 μm resolution

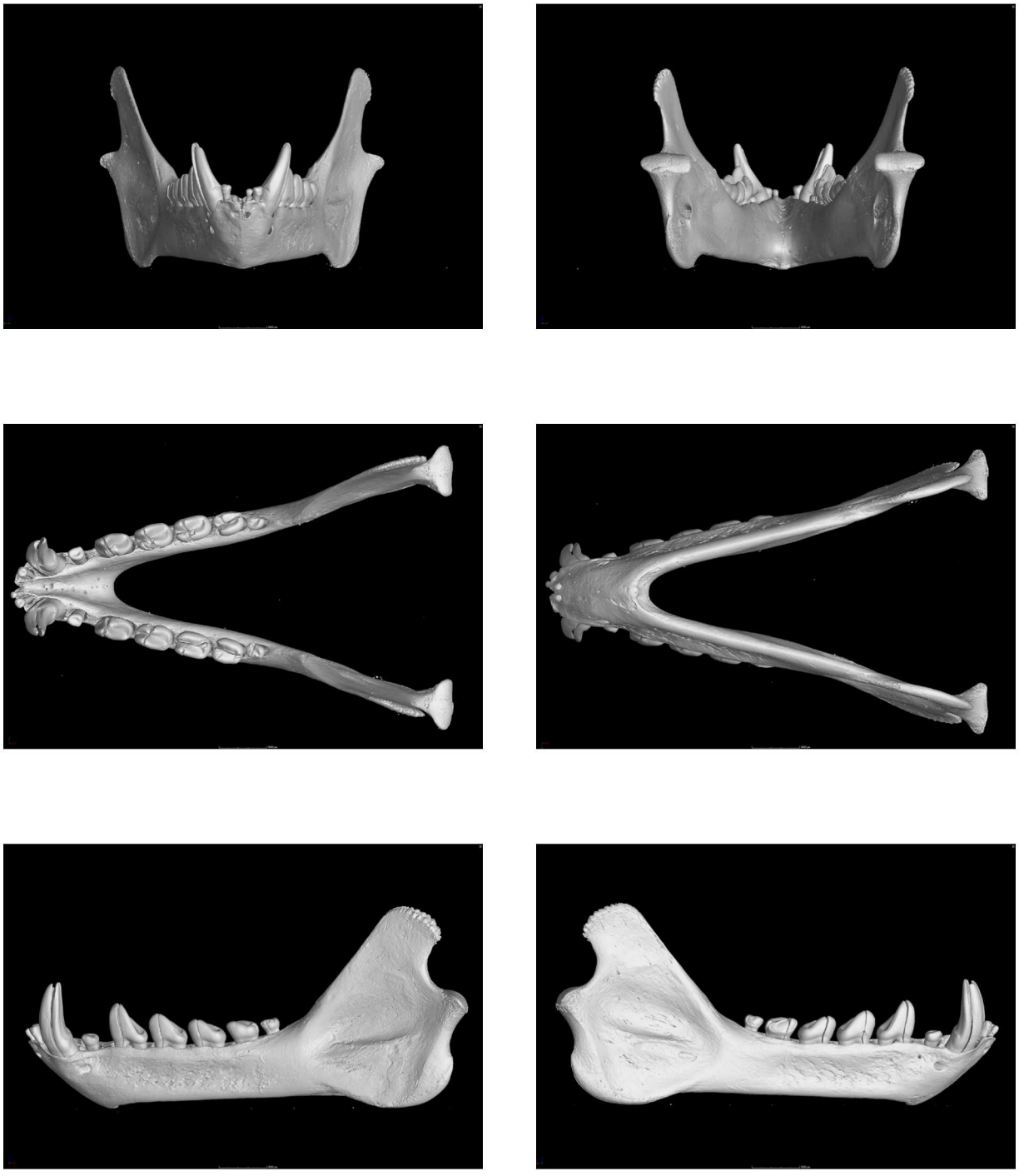





**MSB 32453: *Pteropus lylei***

Skull: 37 µm resolution

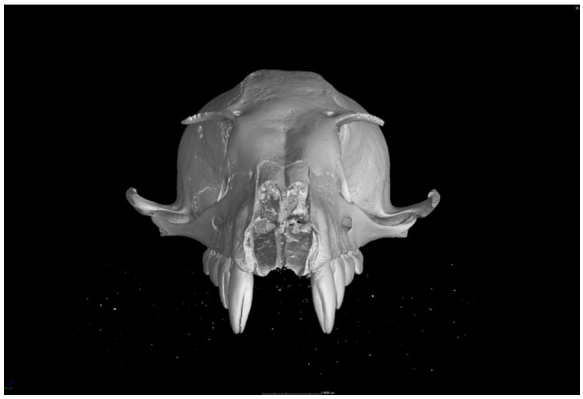
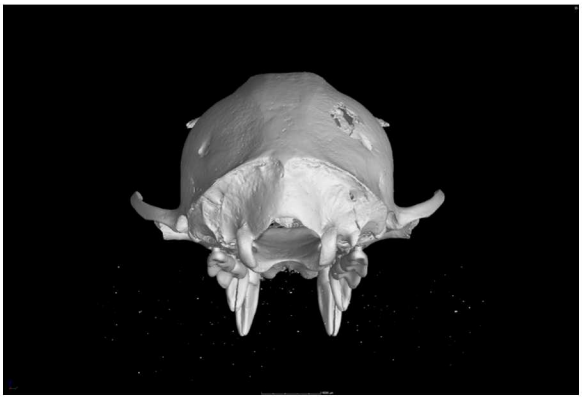
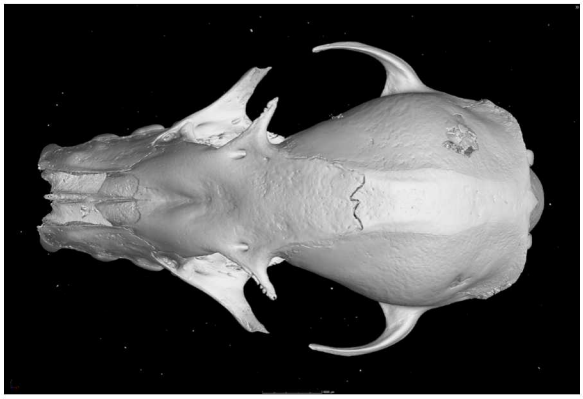


Jaw: 37 µm resolution

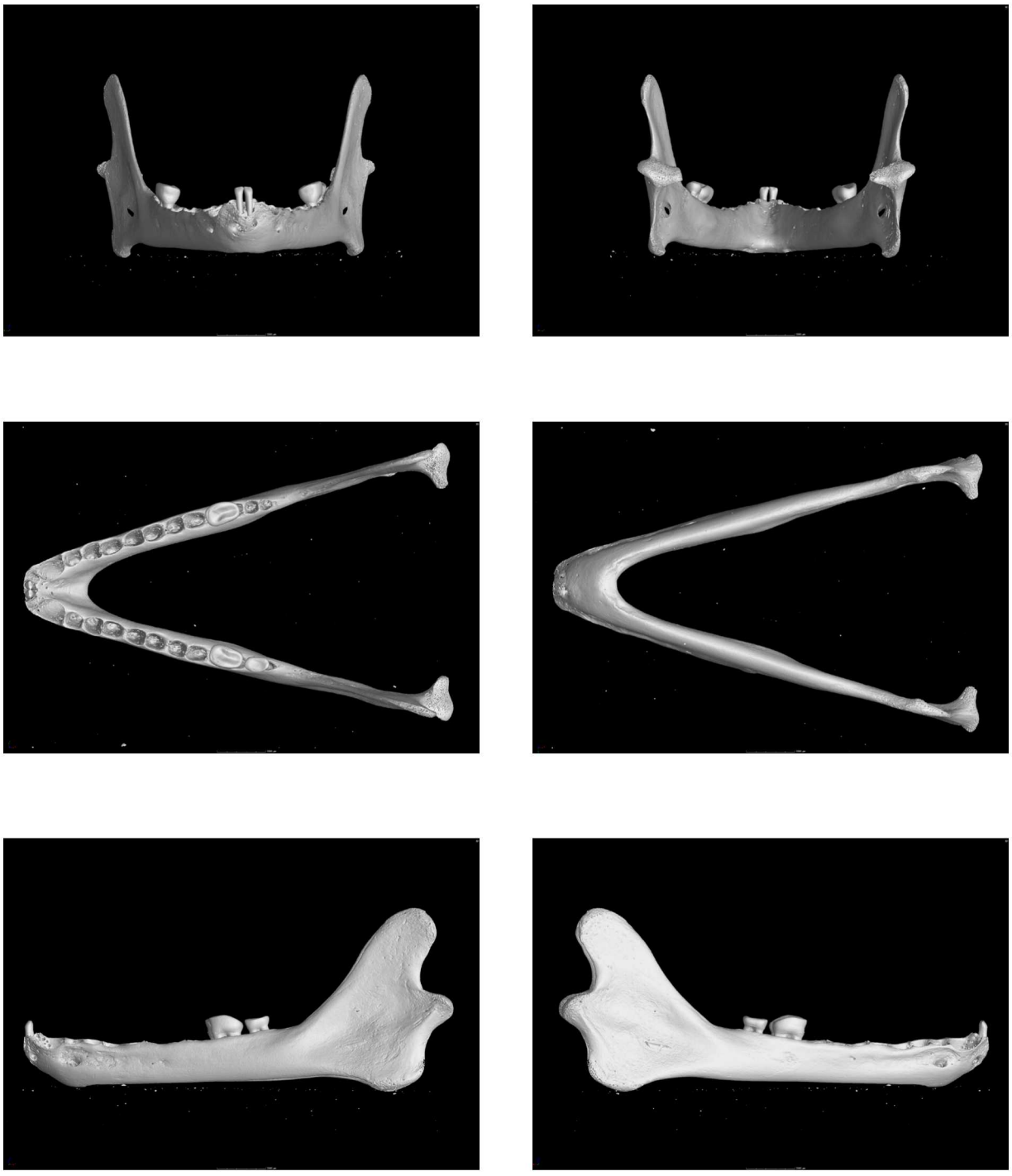


**MSB 47956: *Rousettus aegyptiacus***

Skull: 24 µm resolution

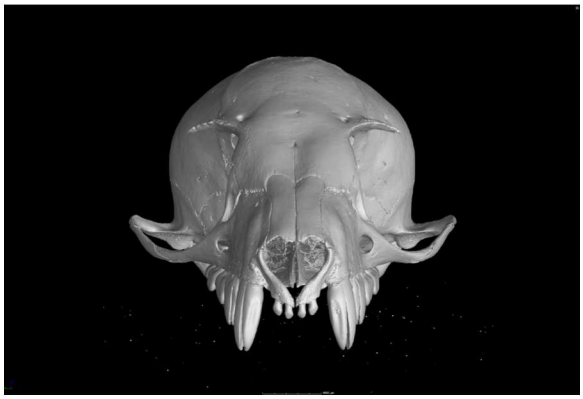




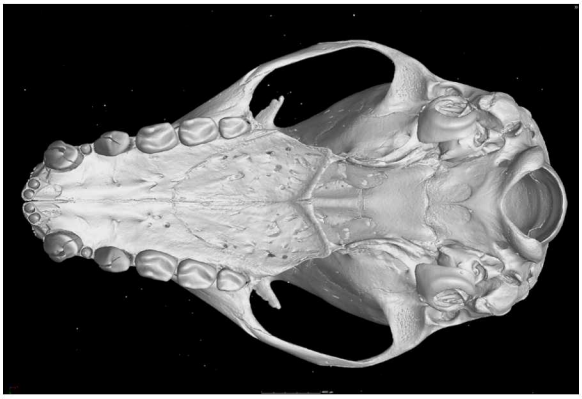

Jaw: 24 μm resolution



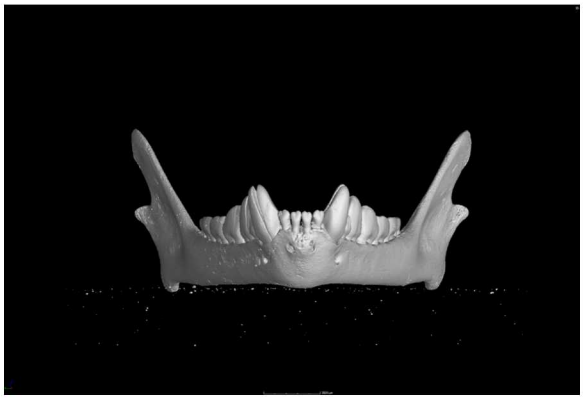
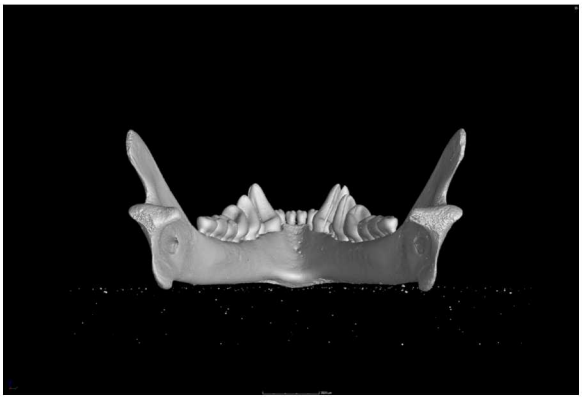
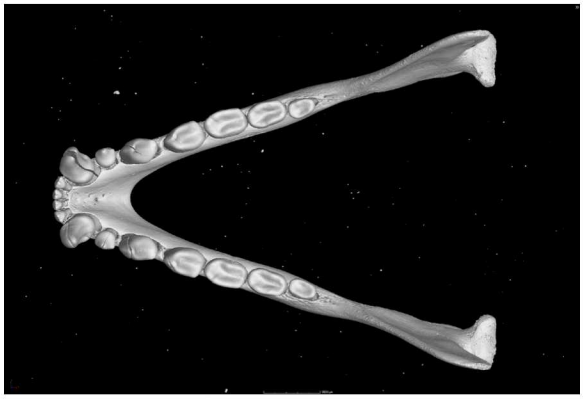
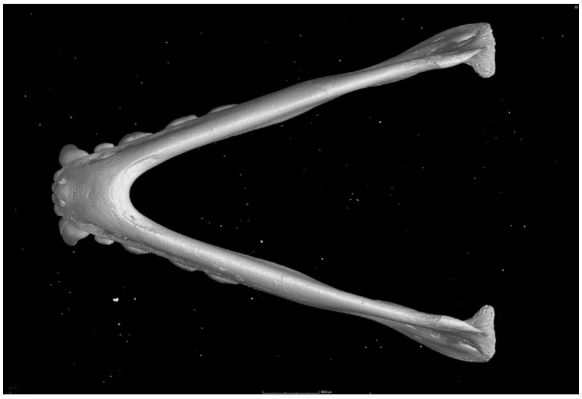
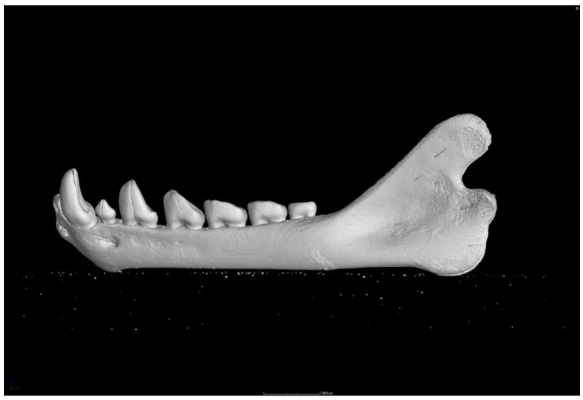
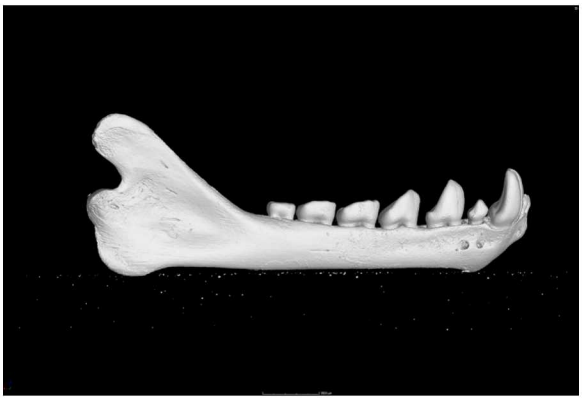
**MSB 25220: *Rousettus aegyptiacus***

Skull: 22 µm resolution



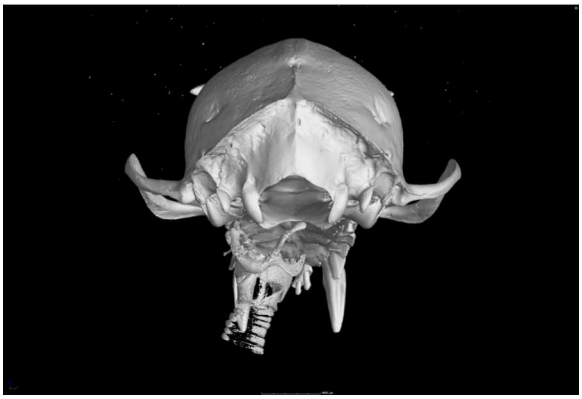



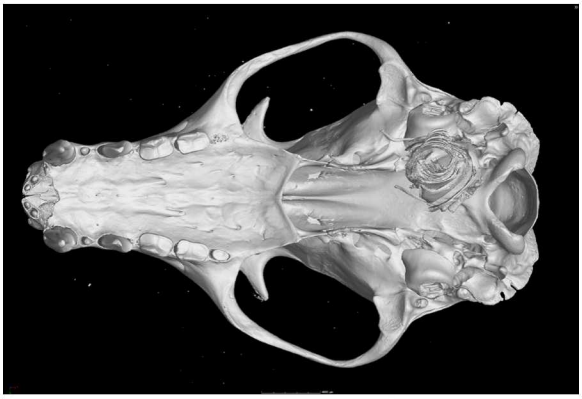
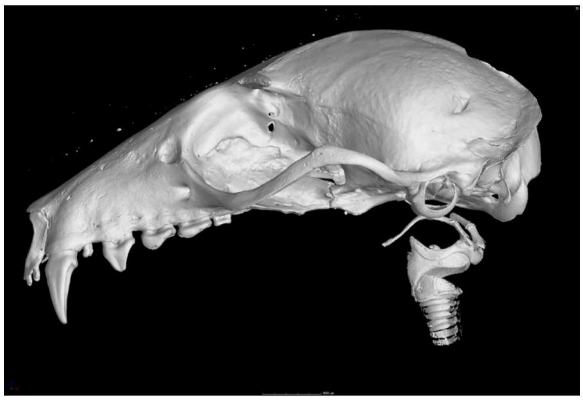
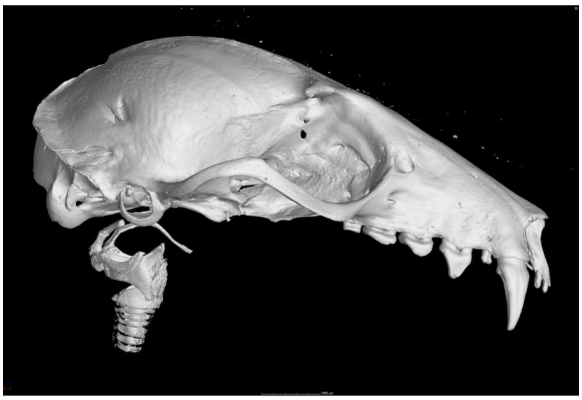
Jaw: 22 µm resolution

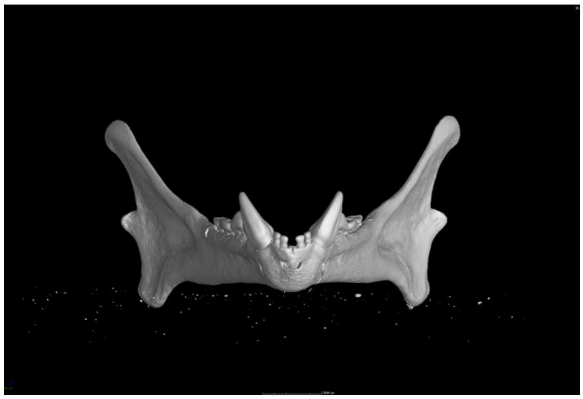
**MSB 93249: *Rousettus amplexicaudatus***

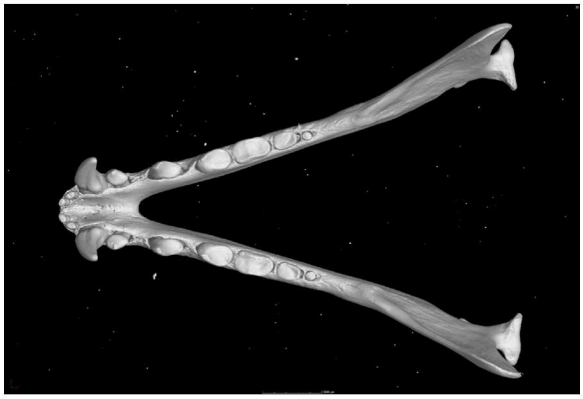
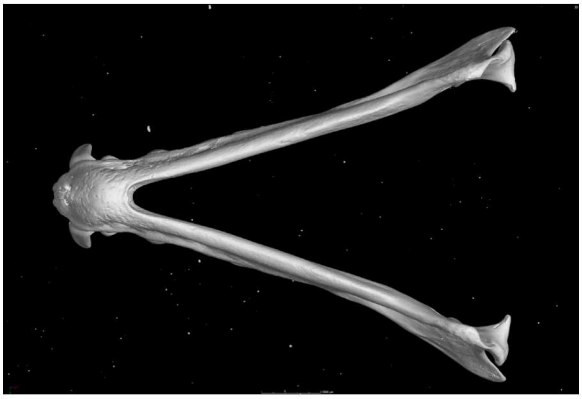
Skull: 22 µm resolution

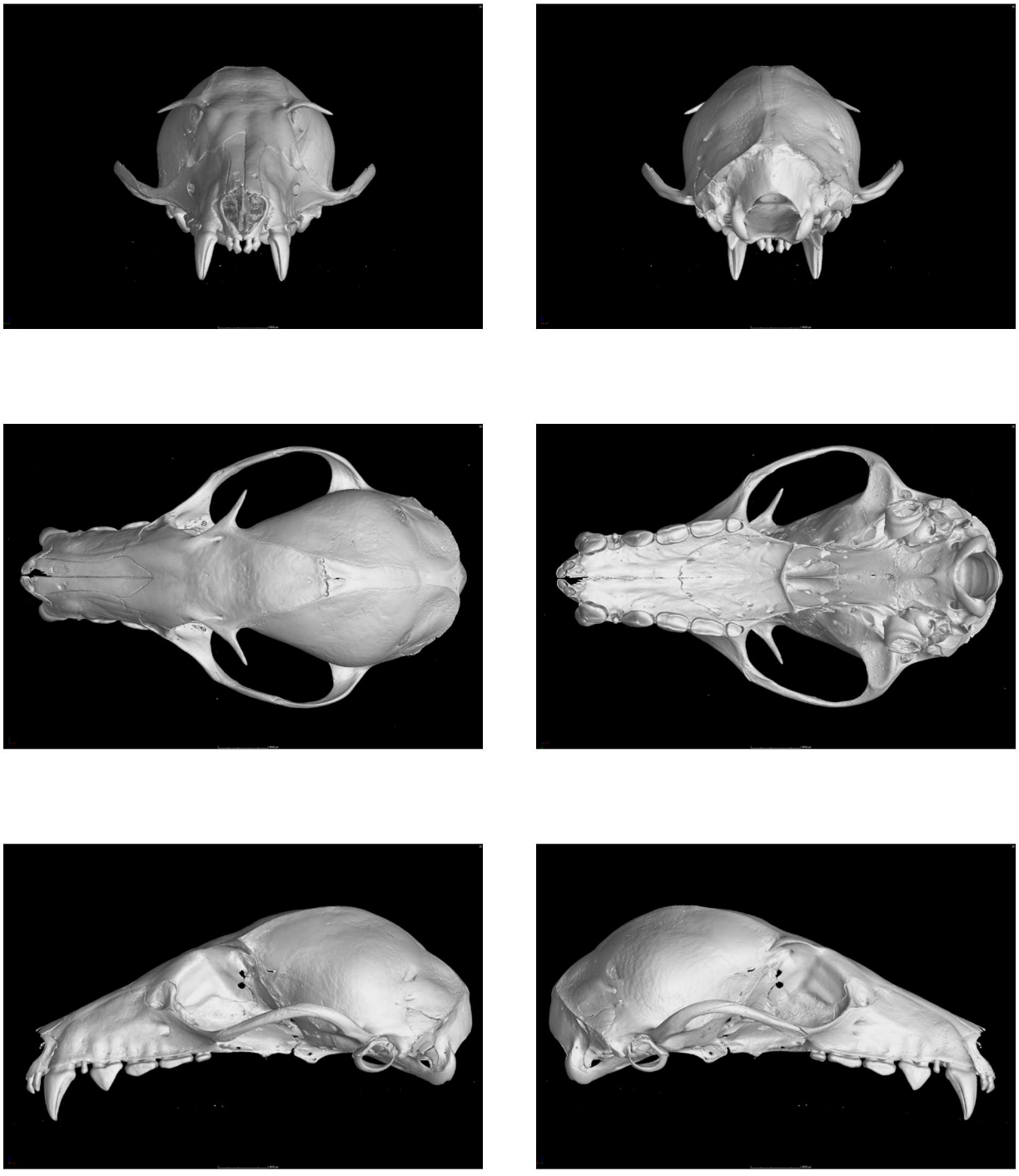
Jaw: 22 µm resolution



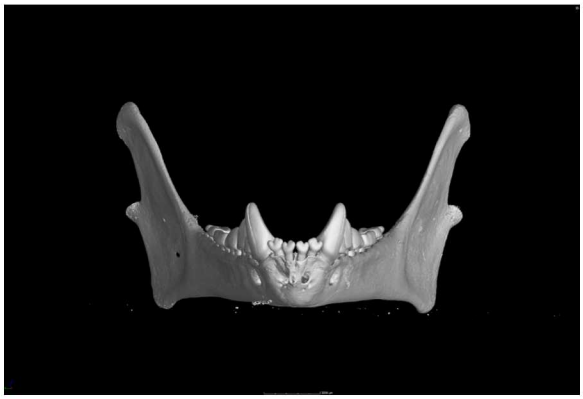



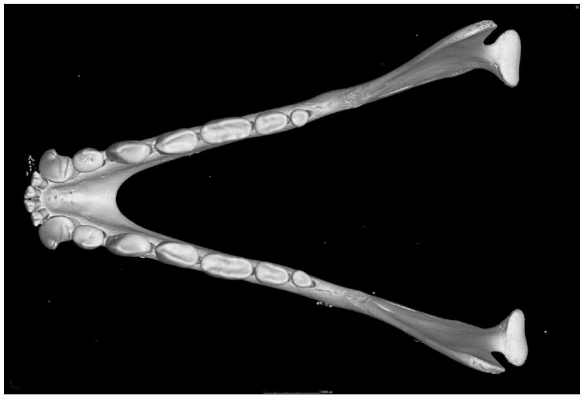
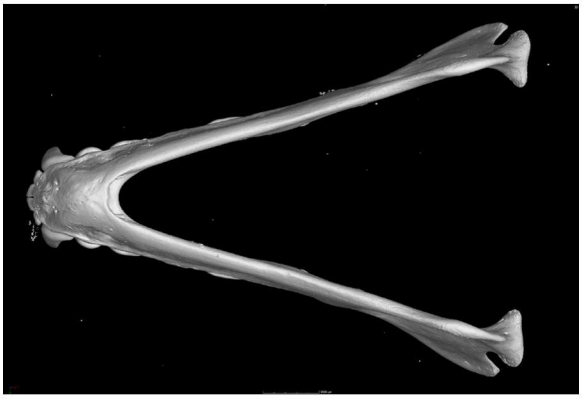
**MSB 93211: *Rousettus celebensis***

Skull: 40 µm resolution



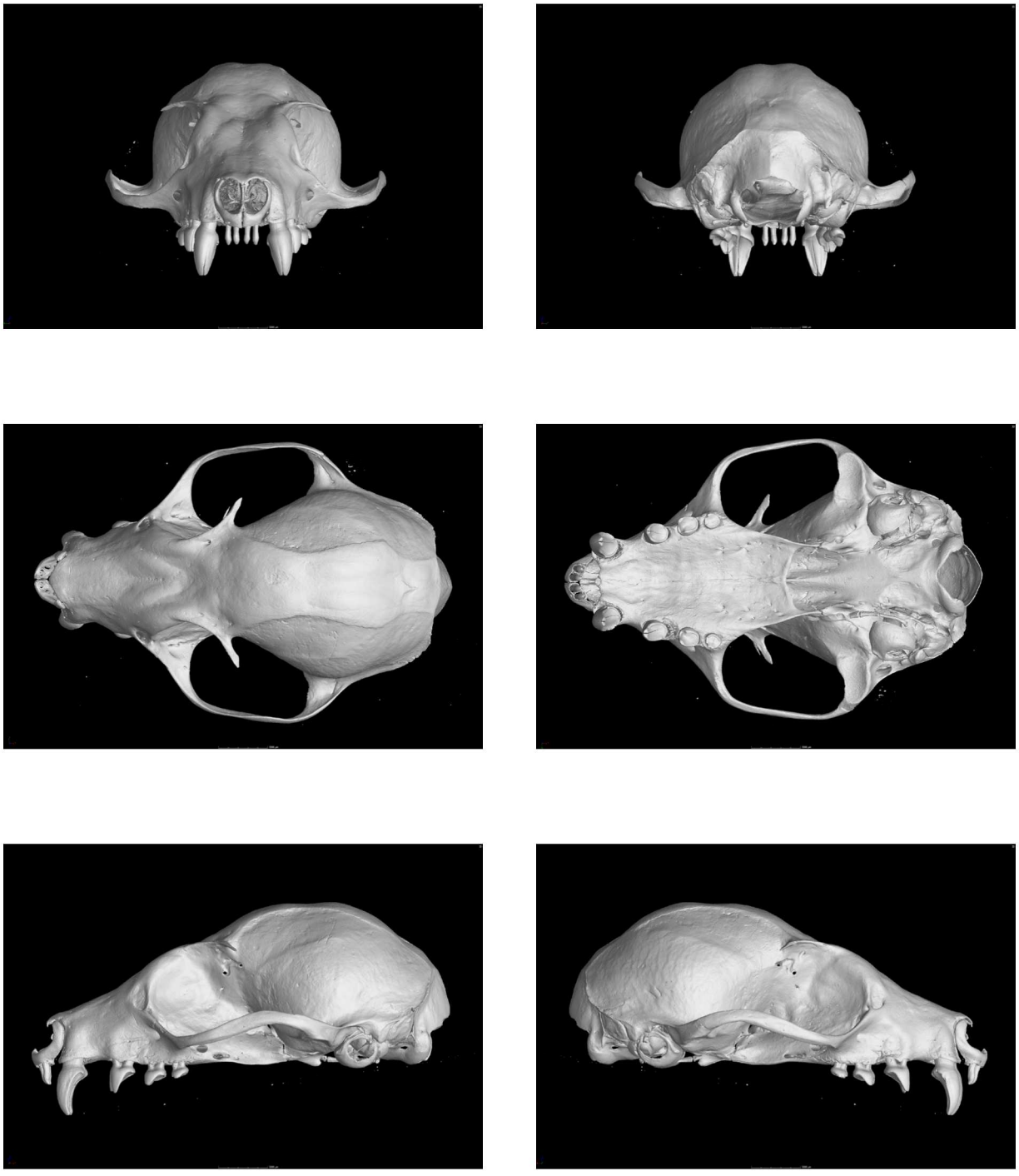
Jaw: 40 µm resolution



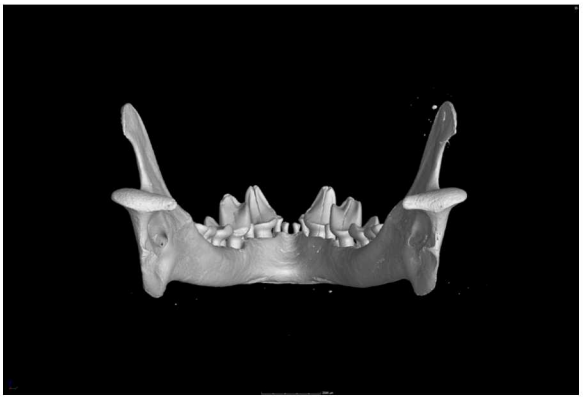
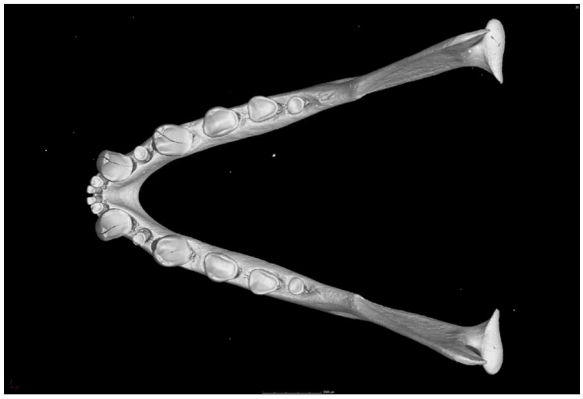
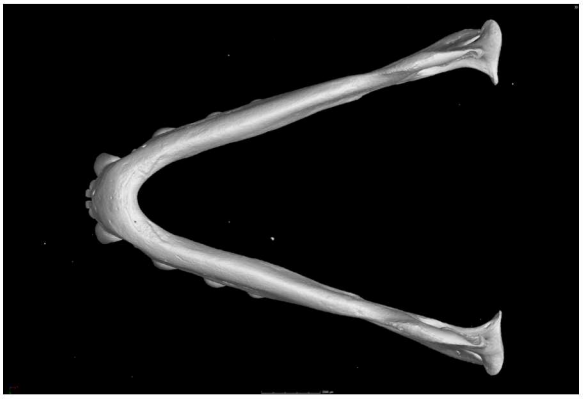



**MSB 37655: *Scotonycteris zenkeri***

Skull: 15 µm resolution

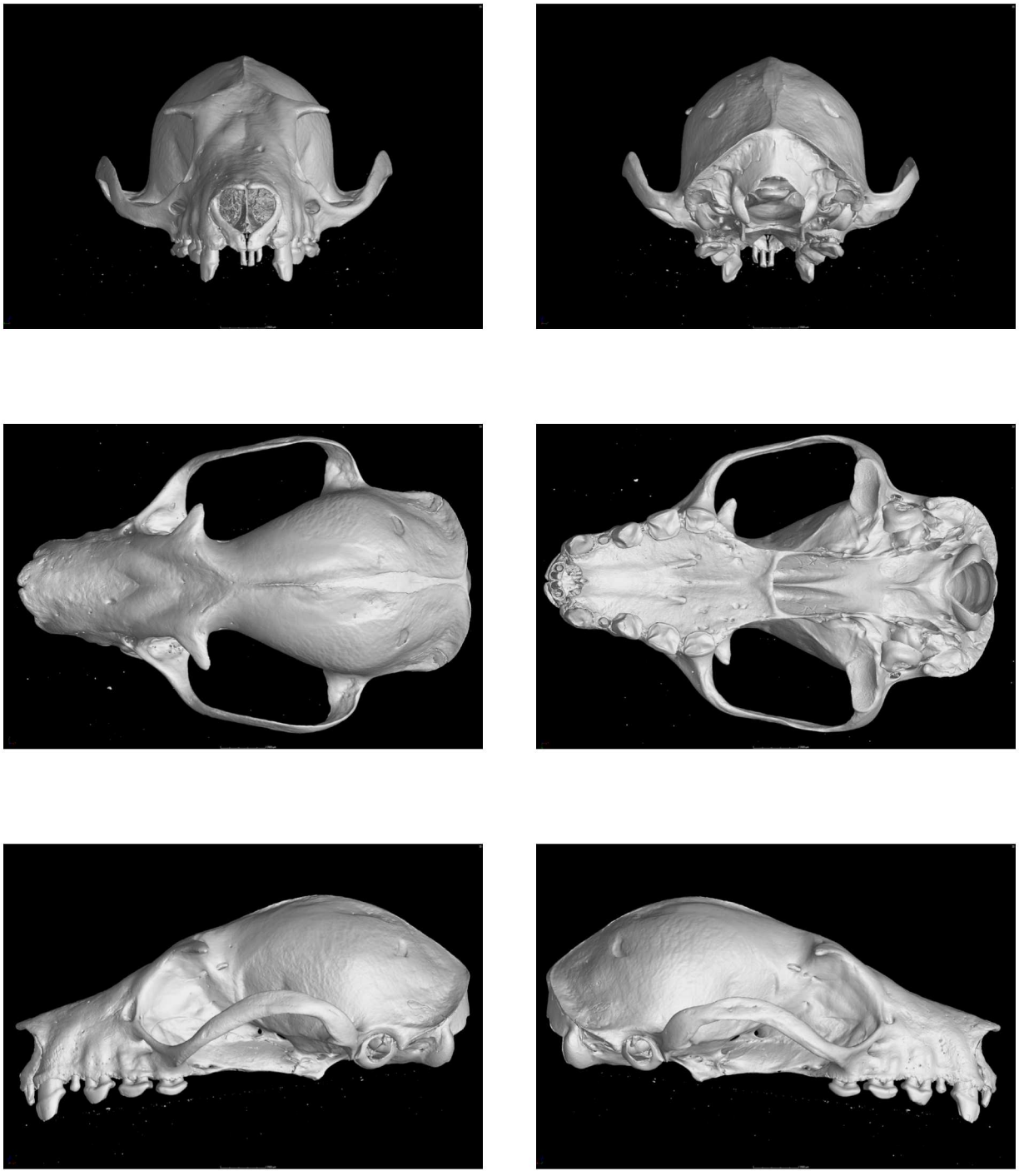


Jaw: 15 µm resolution

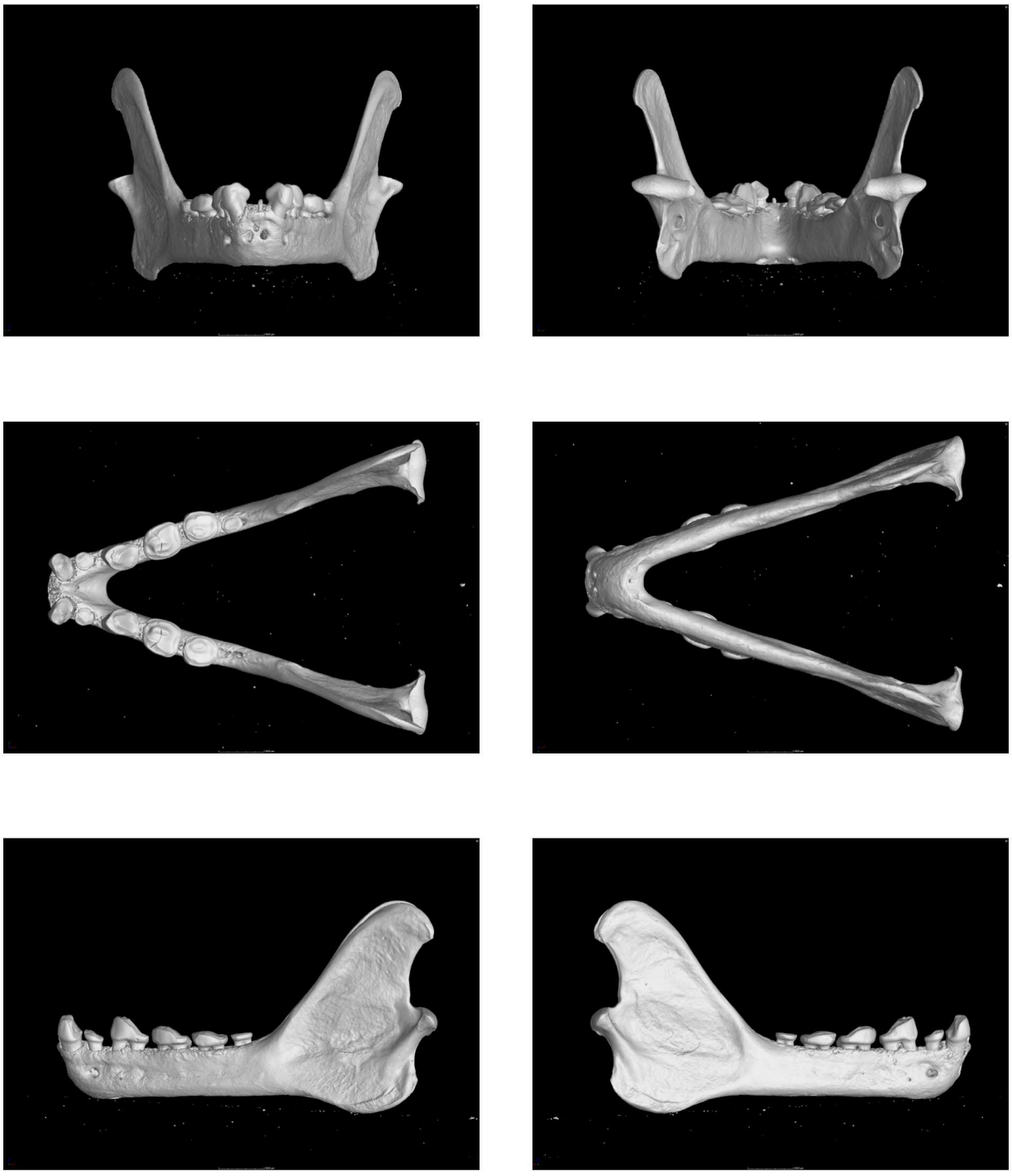





**MSB 93137: *Thoopterus nigrescens***

Skull: 22 µm resolution



Jaw: 22 µm resolution



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