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Sandia
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X-Ray CT Scans - Molluscs - Set 2

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Prepared by
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Abstract

A collection of x-ray computed tomography scans of specimens from the Denver Museum of Nature & Science.

ACKNOWLEDGMENTS

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

- Dr. Colleen Carter
Denver Museum of Nature & Science
Invertebrate Curatorial/Collections Assistant

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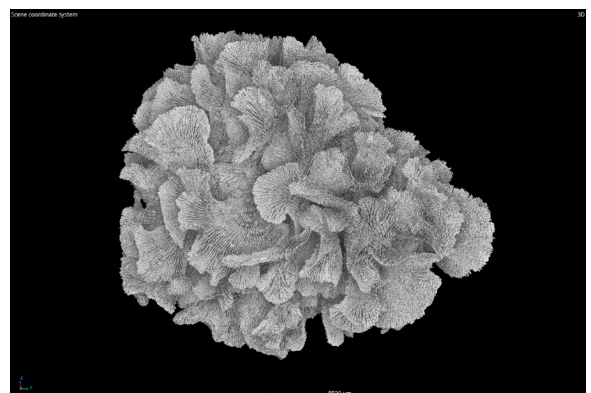
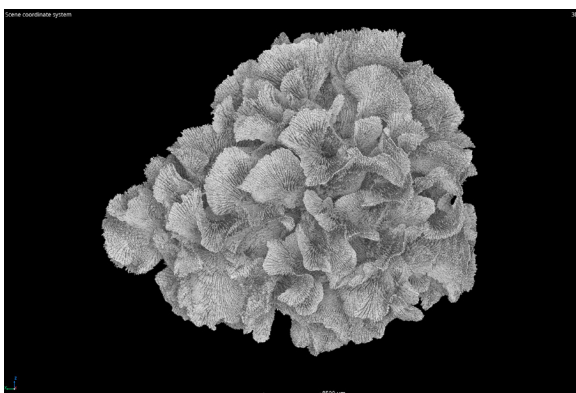
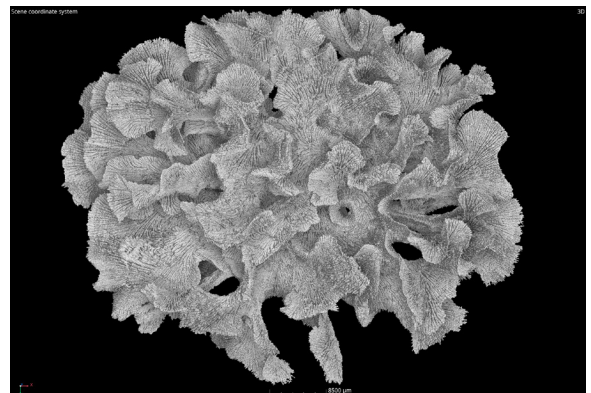
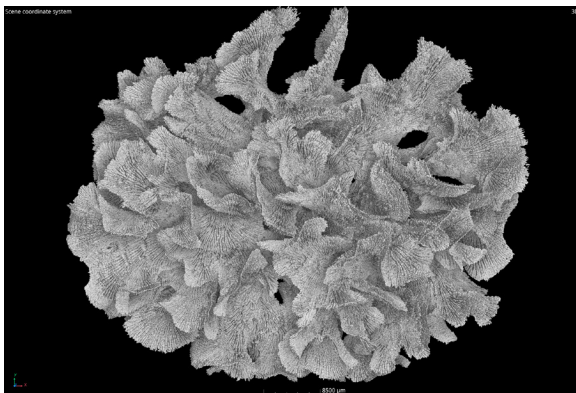
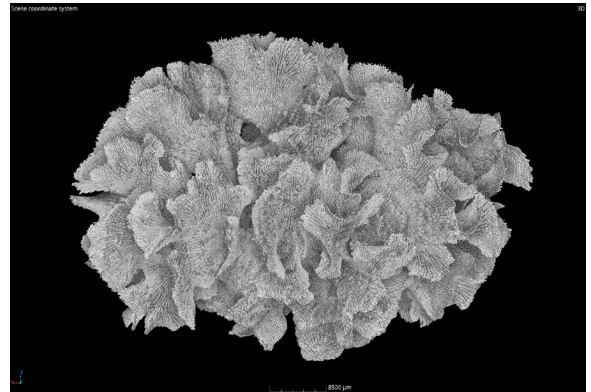
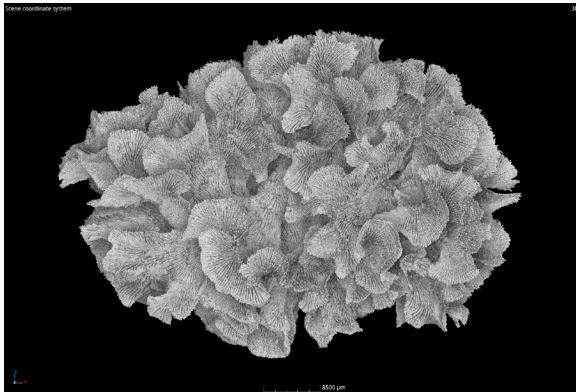
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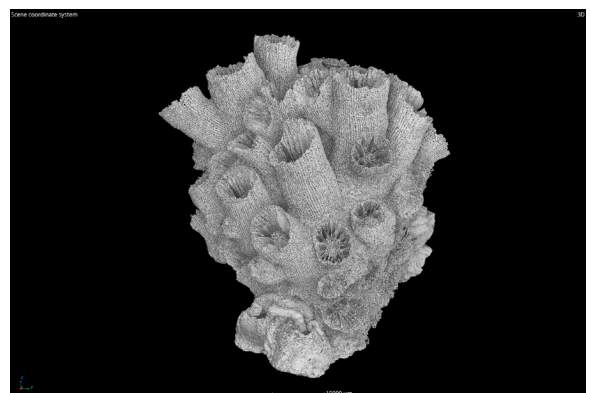
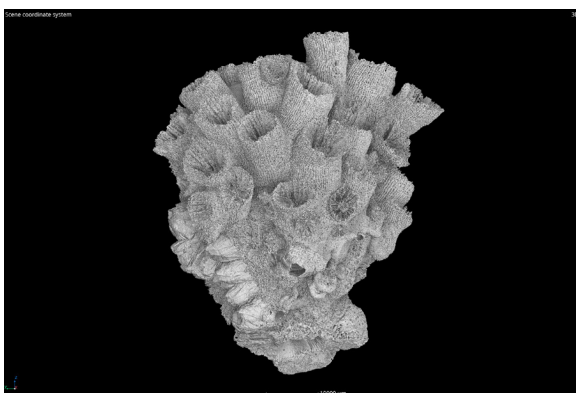
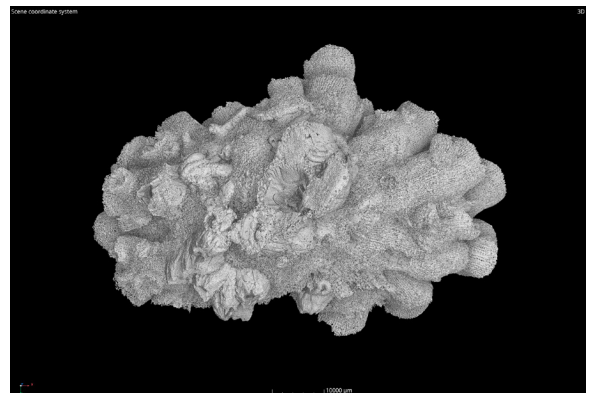
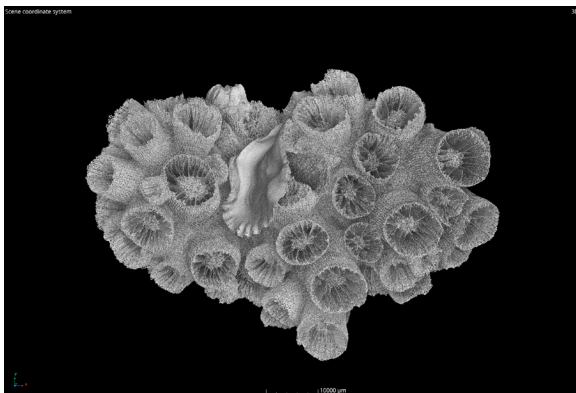
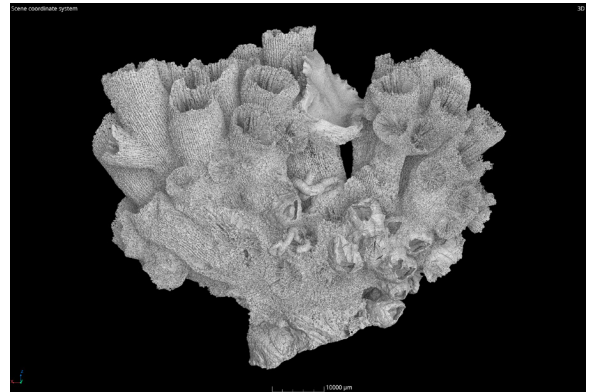
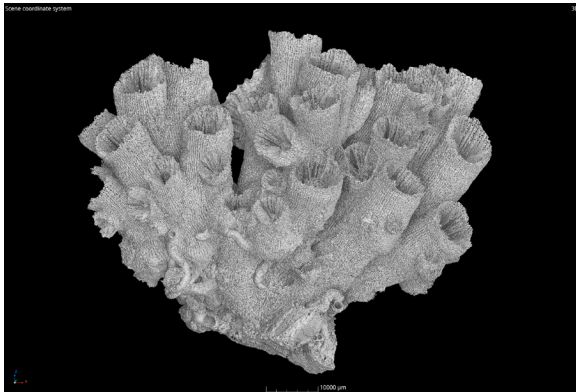
DMNS 18235: *Pavona frondifera*

Shell: 44 μm resolution



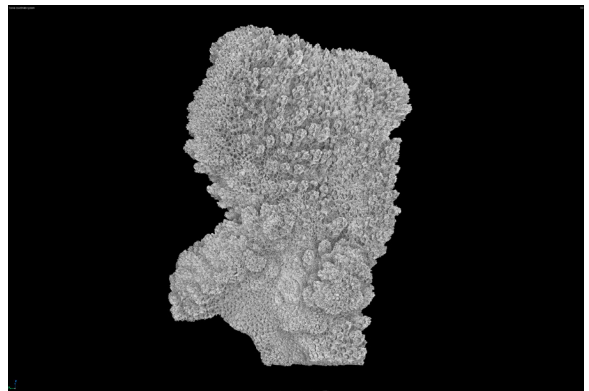
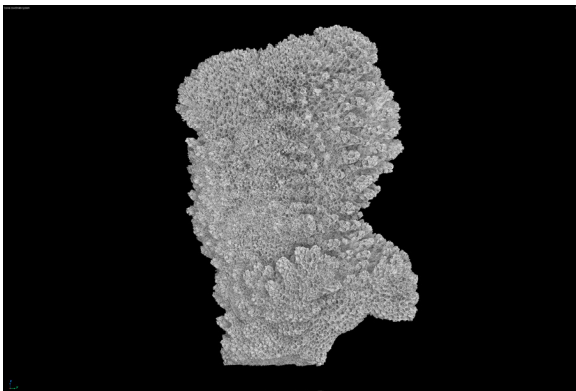
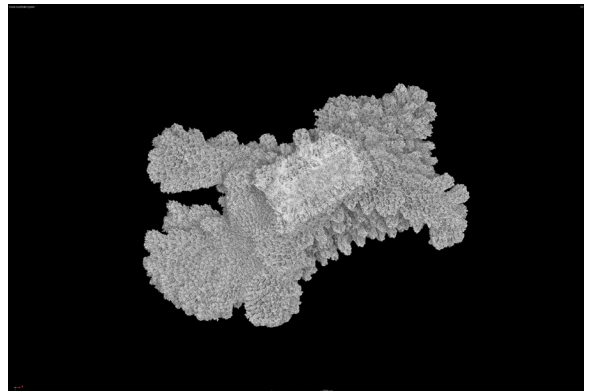
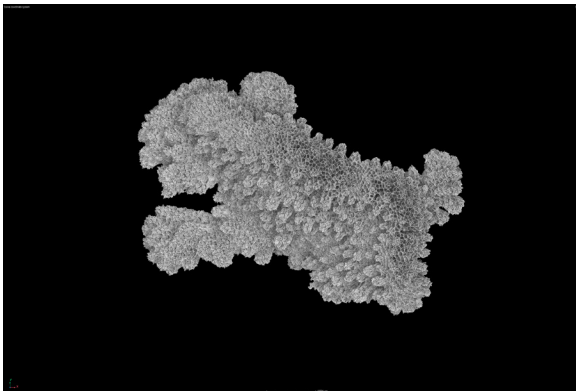
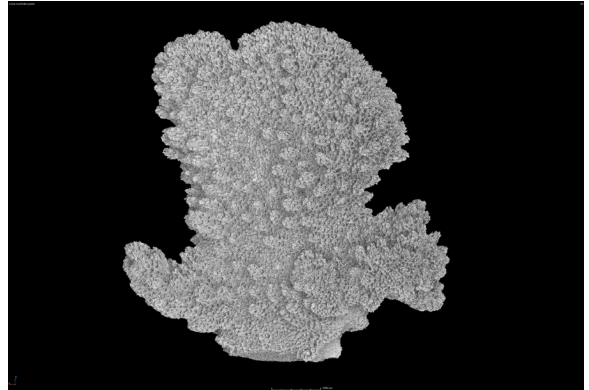
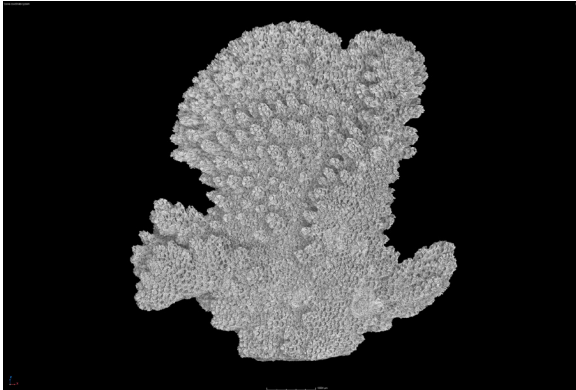
DMNS 13575: *Tubastraea coccinea*

Shell: 44 μm resolution



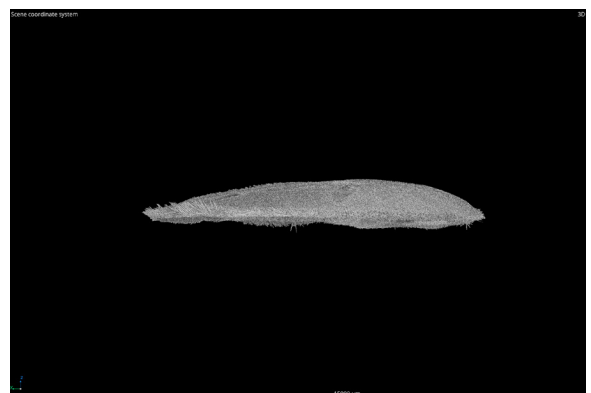
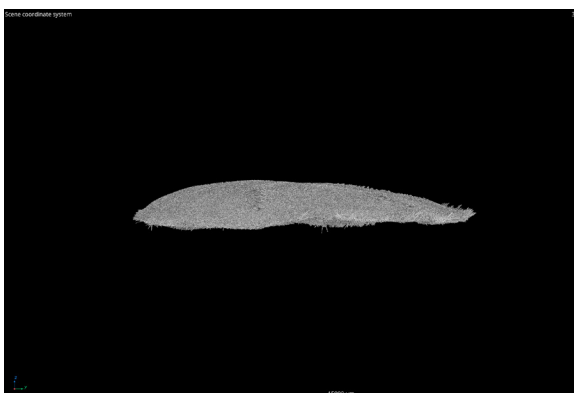
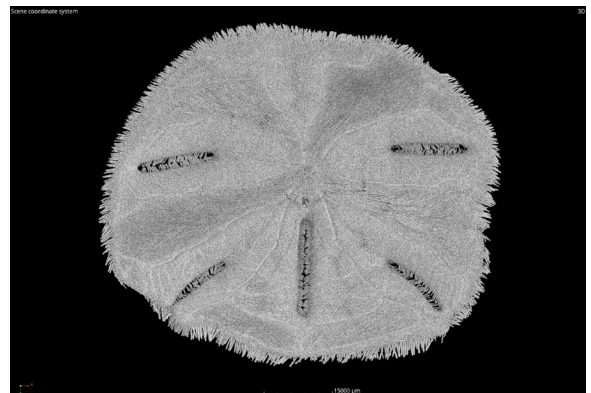
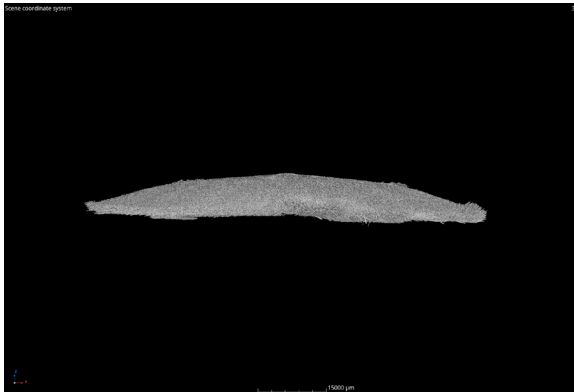
DMNS 13573: *Pocillopora meandrina*

Shell: 39 μm resolution



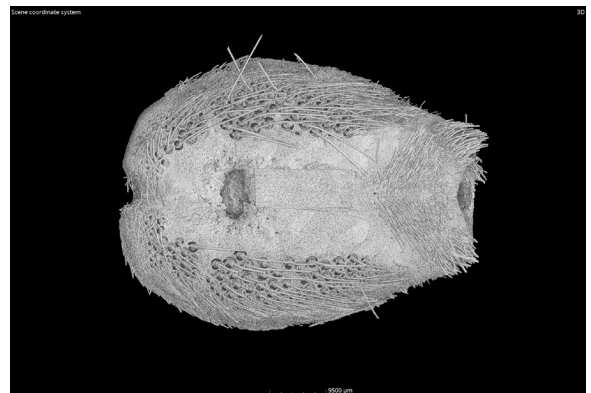
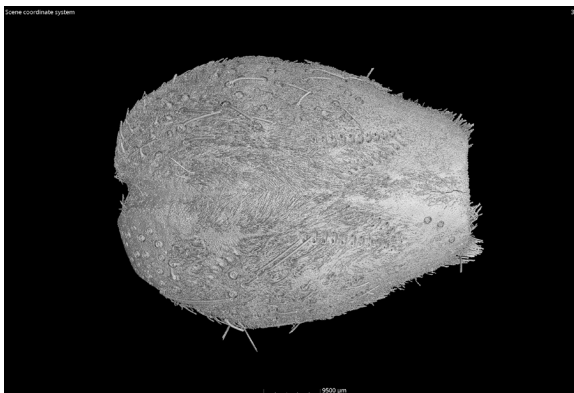
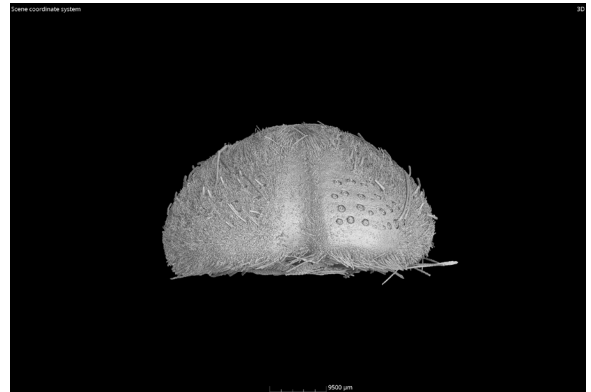
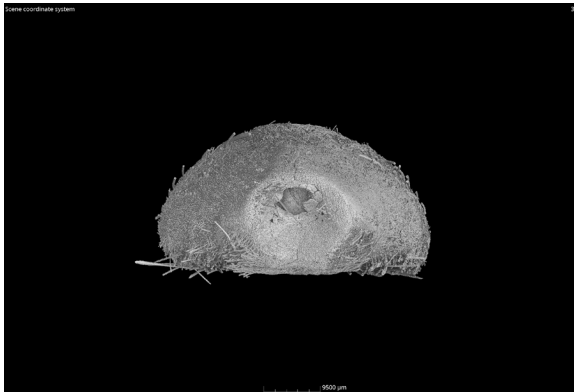
DMNS 19098: *Mellita tenuis*

Shell: 26 μm resolution



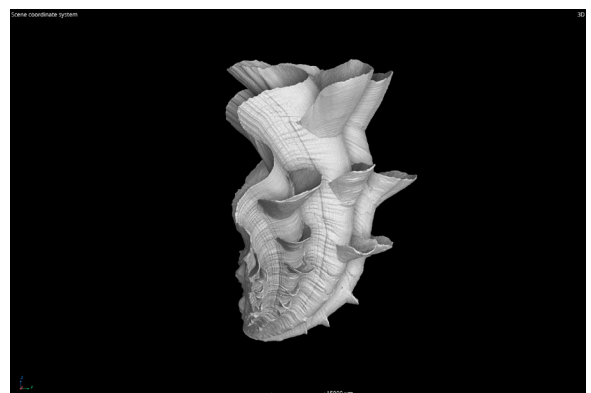
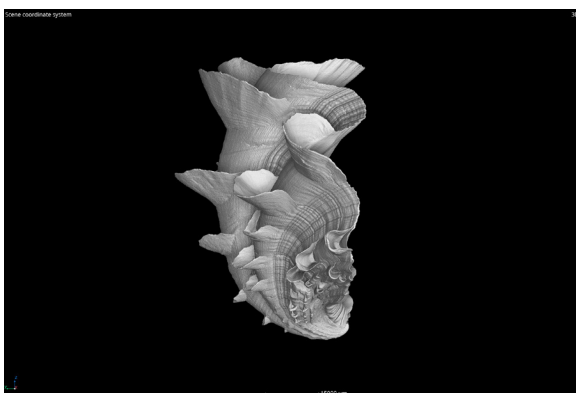
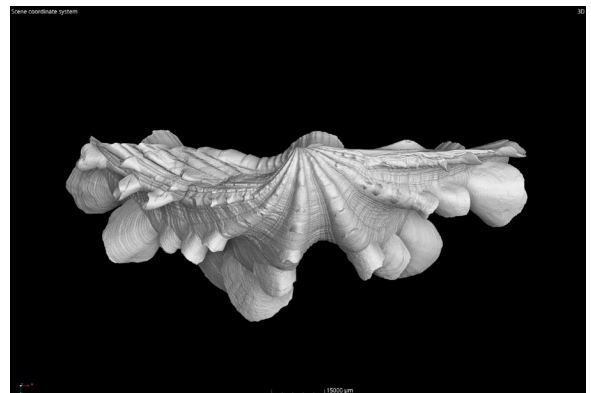
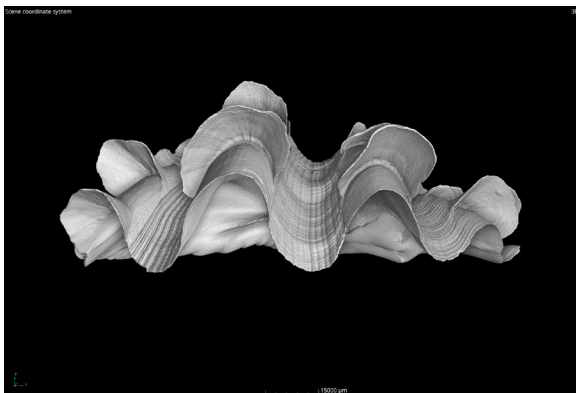
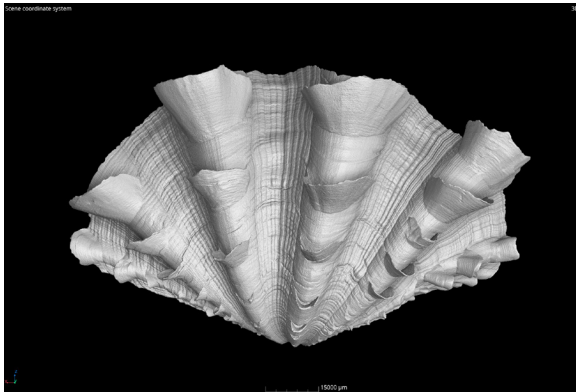
DMNS 13618: *Lovenia cordiformis*

Shell: 36 μm resolution

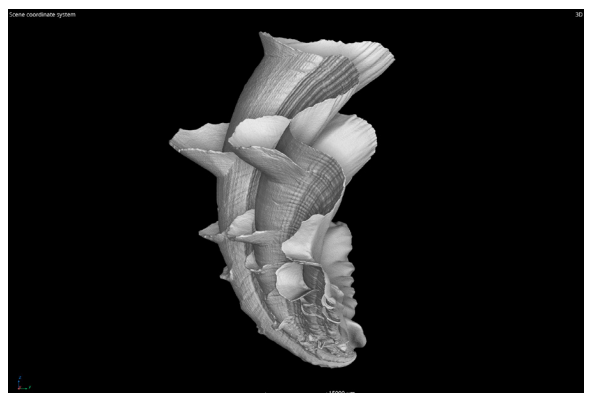
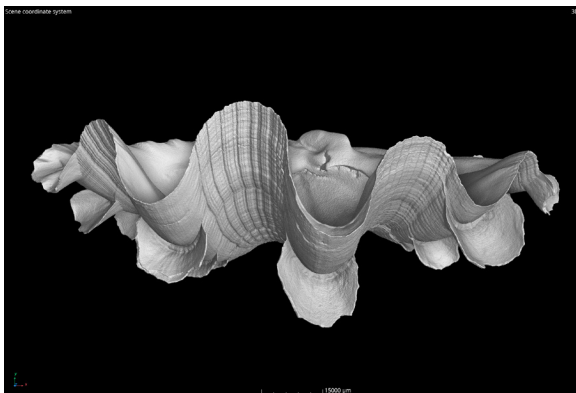
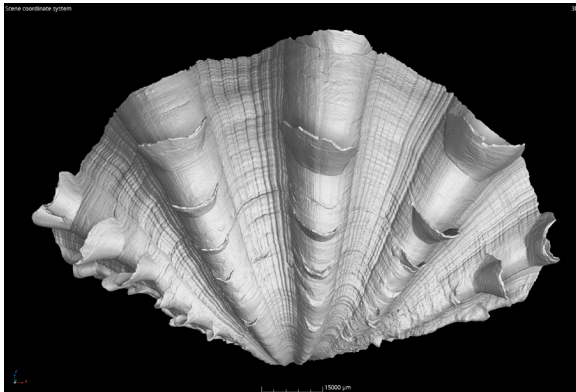


DMNS 14189: *Tridacna squamosa*

Shell: 72 μm resolution

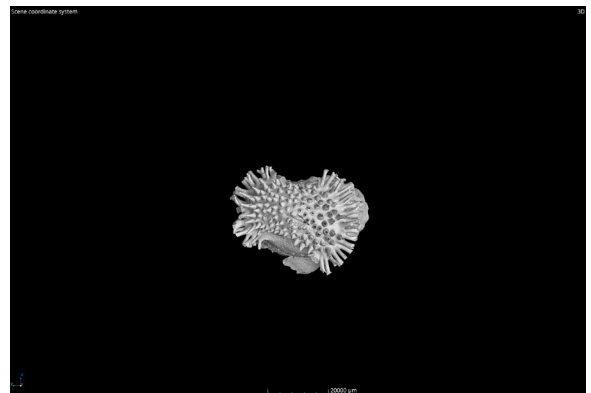
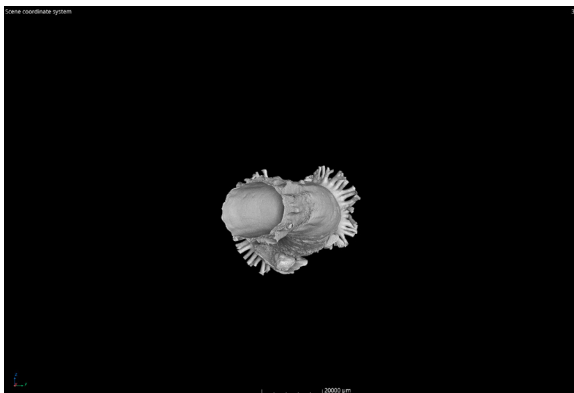


Shell: 72 μm resolution



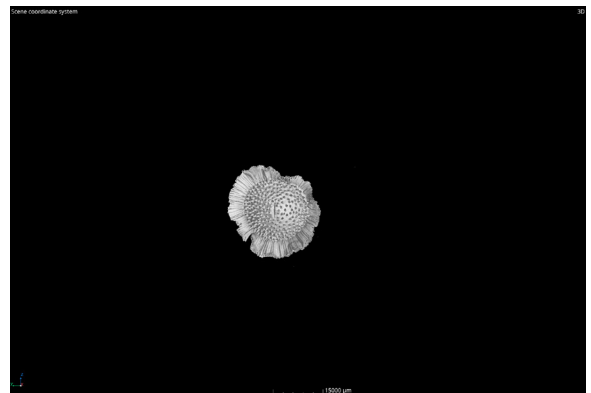
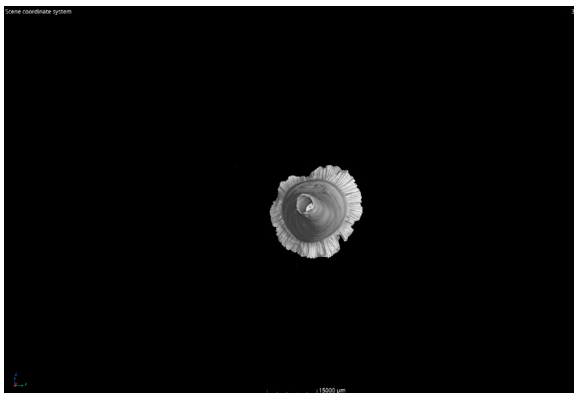
DMNS 24368: *Brechites attrahens*

Shell: 30 μm resolution



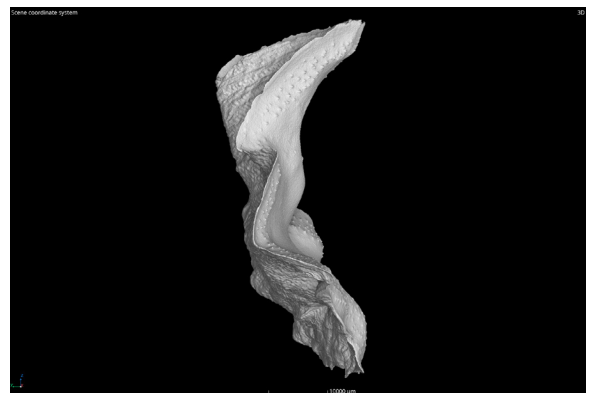
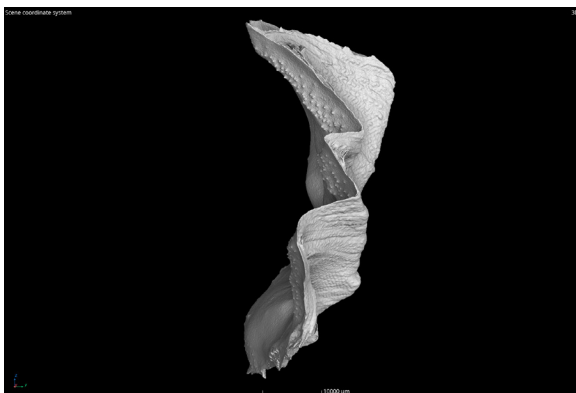
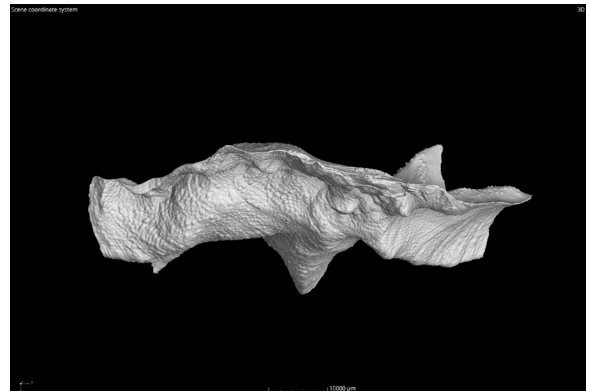
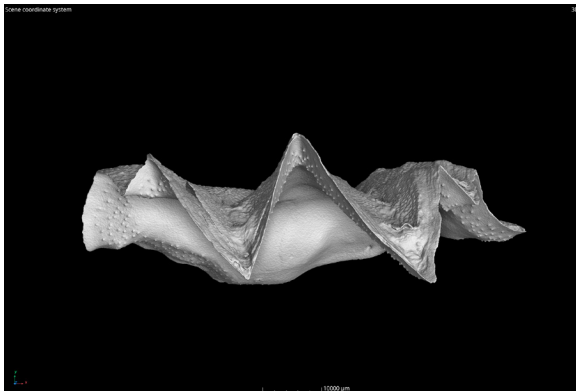
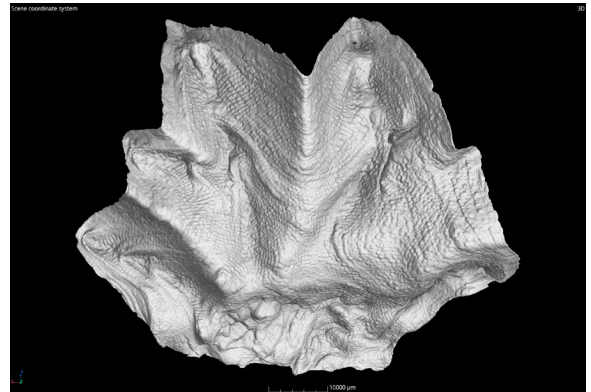
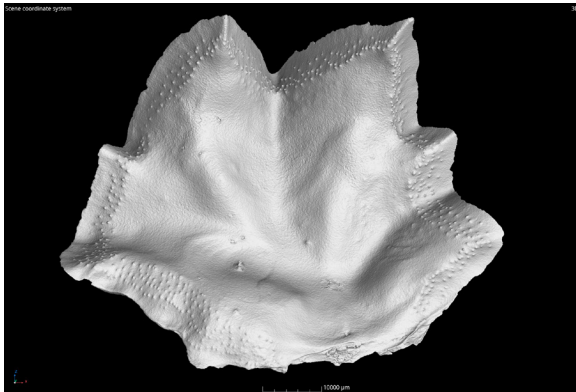
DMNS 17777: *Verpa penis*

Shell: 25 μ m resolution

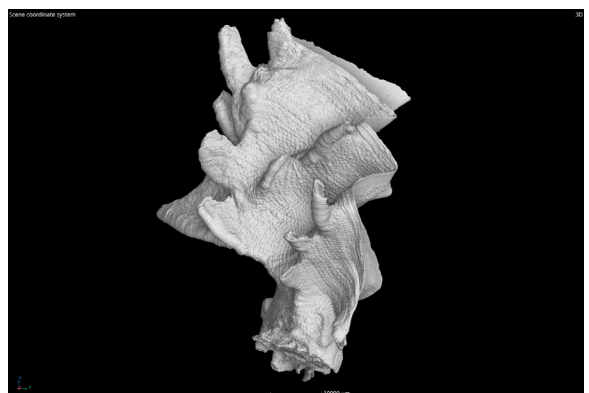
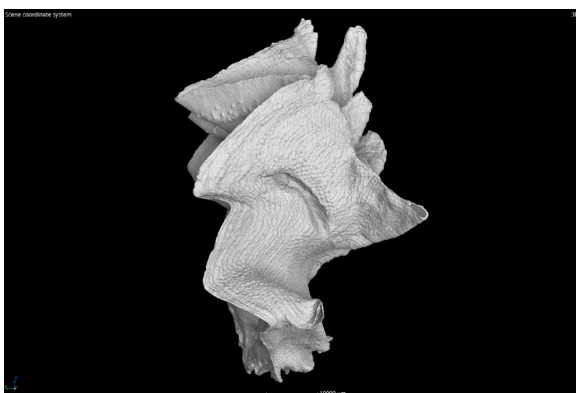
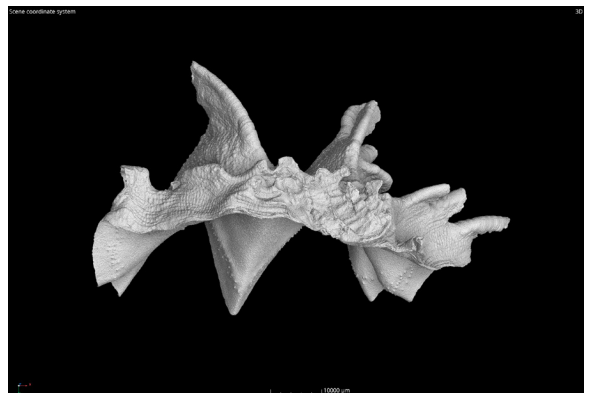
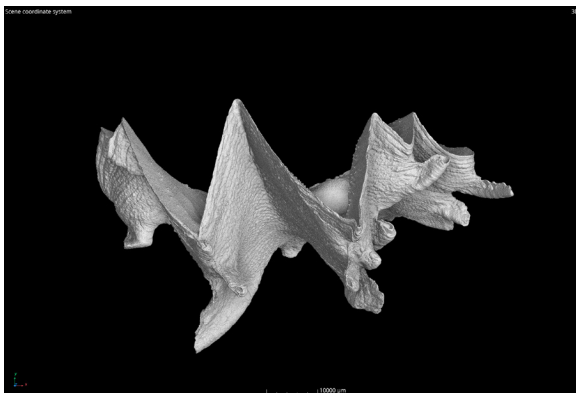
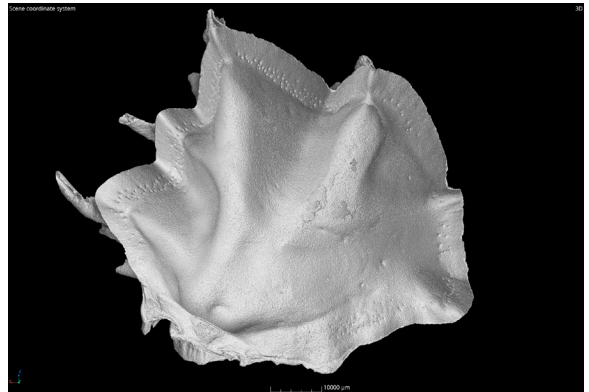
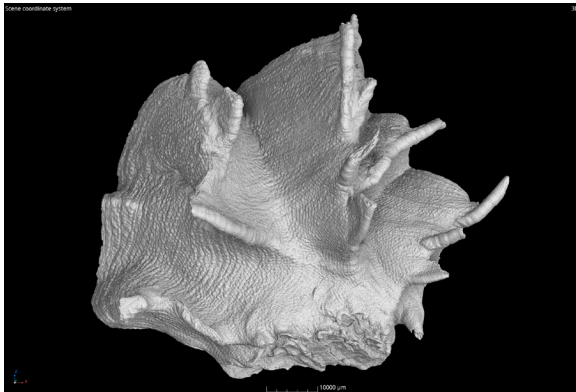


DMNS 21587: *Lopha cristagalli*

Shell: 54 μm resolution

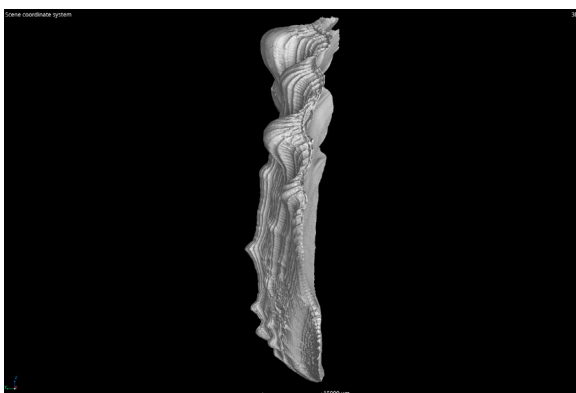
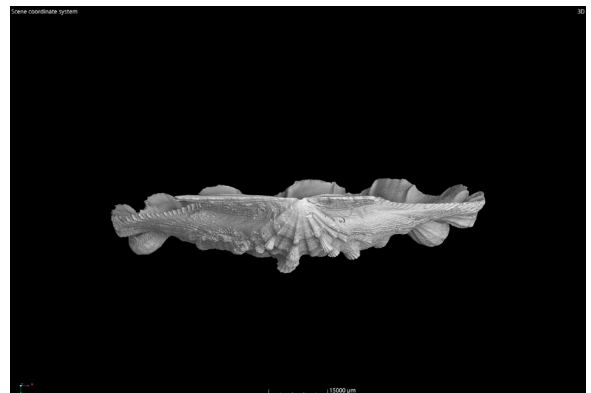
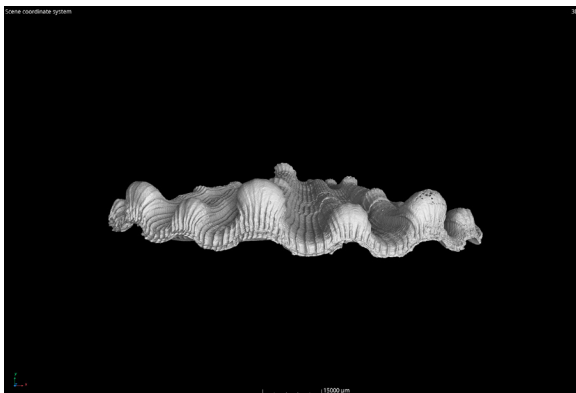
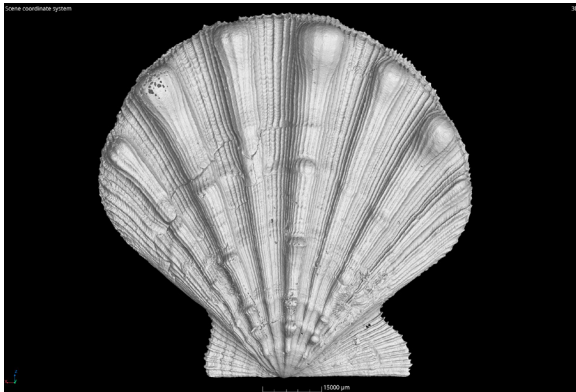


Shell: 54 μm resolution

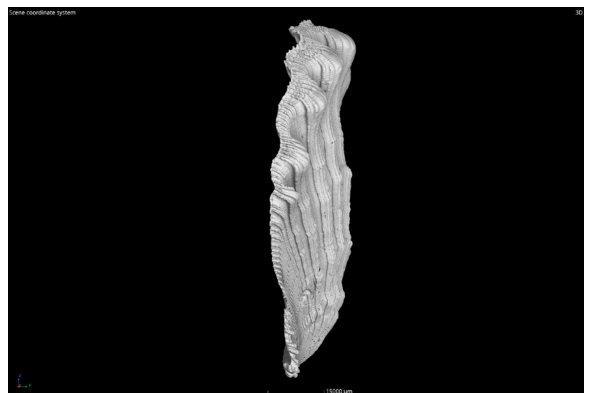
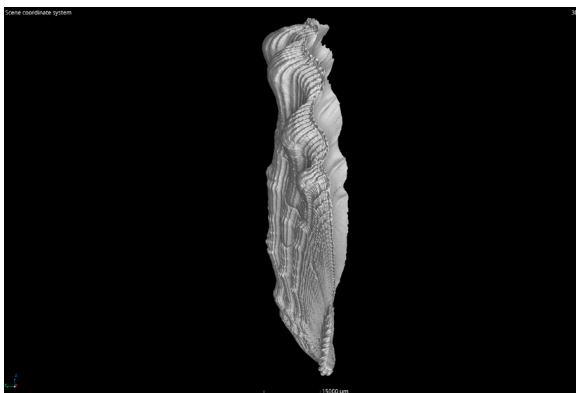
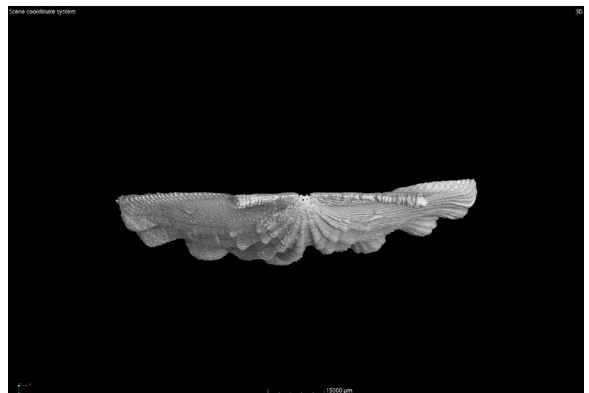
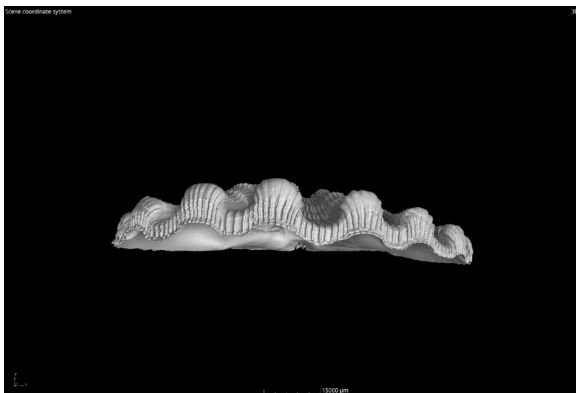
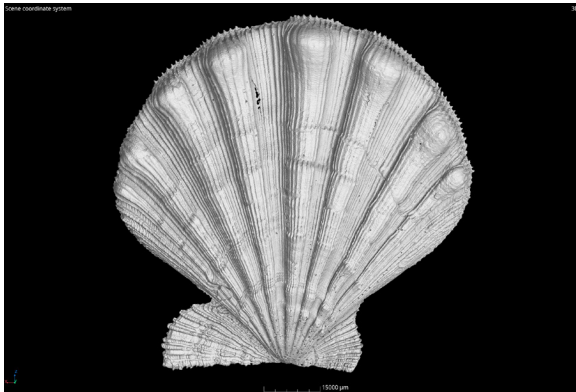


DMNS 27277: *Nodipecten nodosus*

Shell: 64 μm resolution

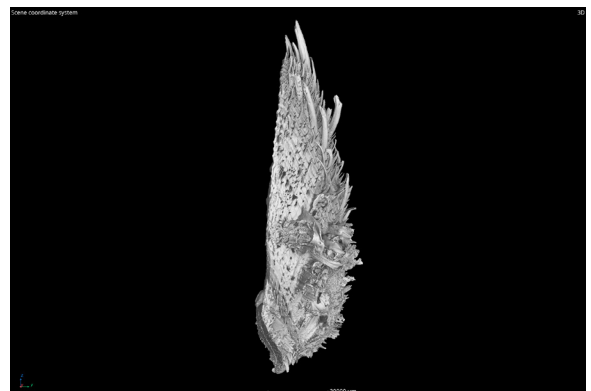
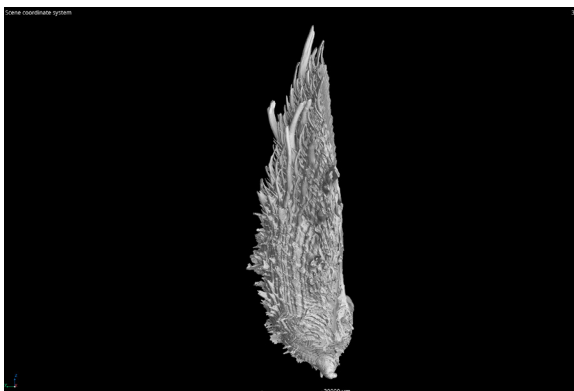
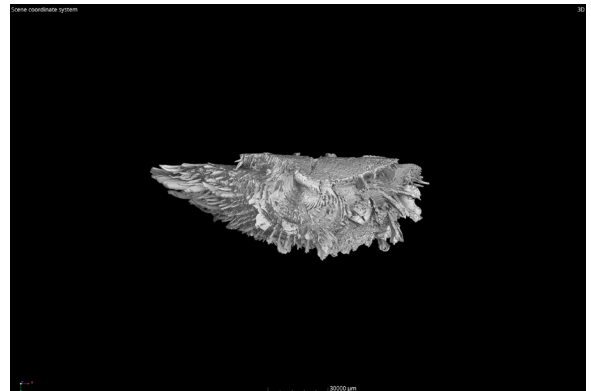
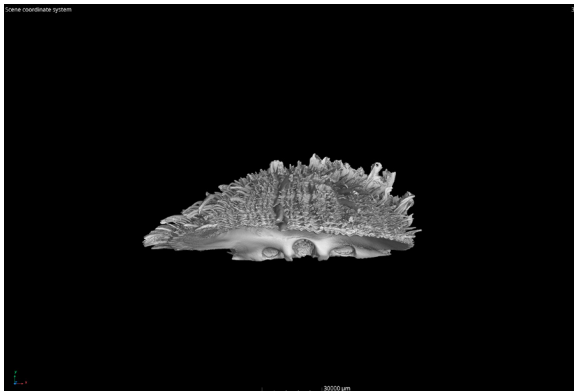
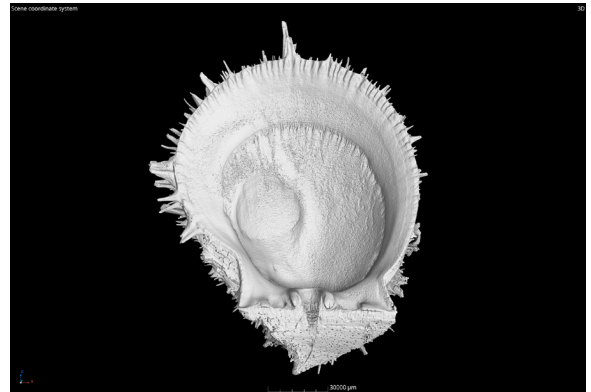
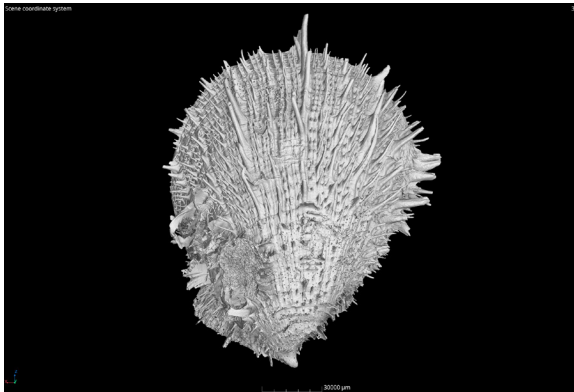


Shell: 64 μm resolution

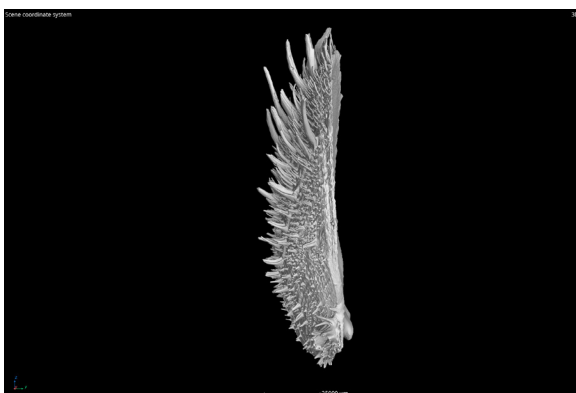
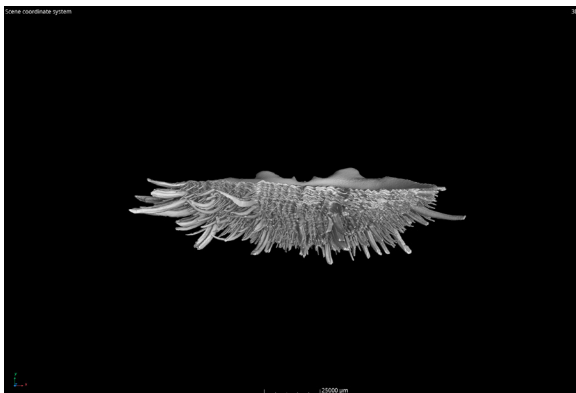
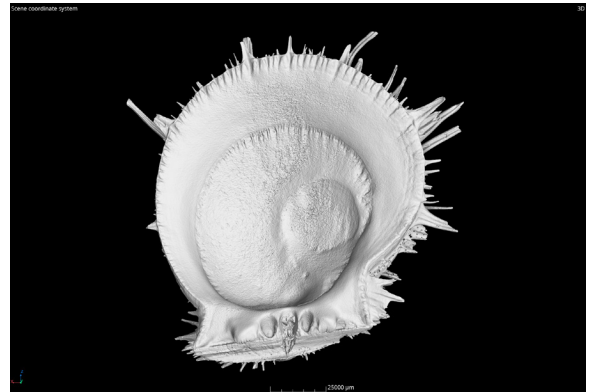
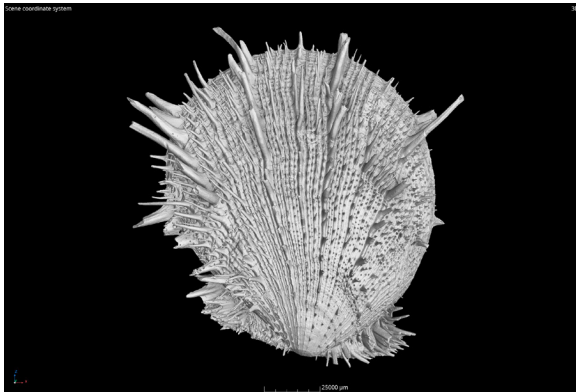


DMNS 23975: *Spondylus americanus*

Shell: 100 μm resolution

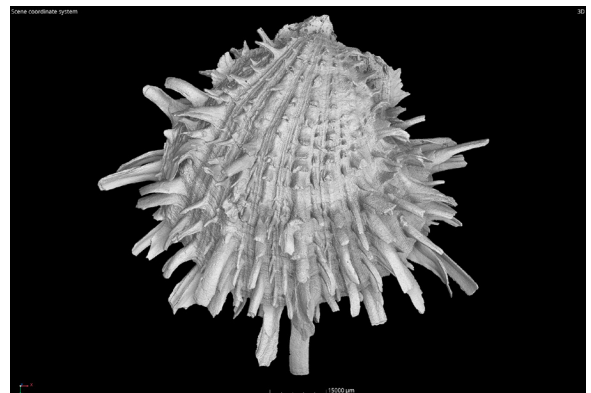
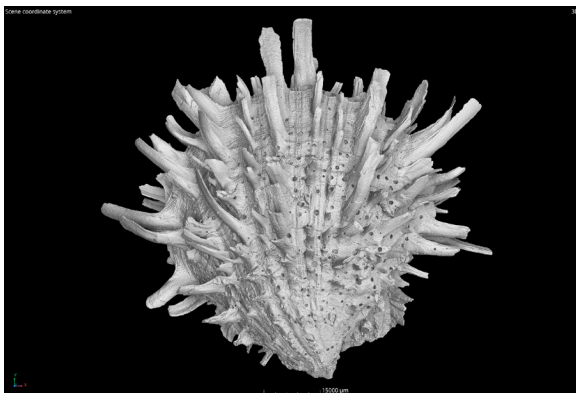
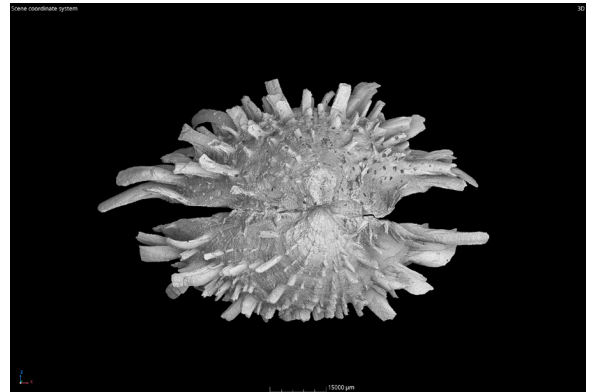
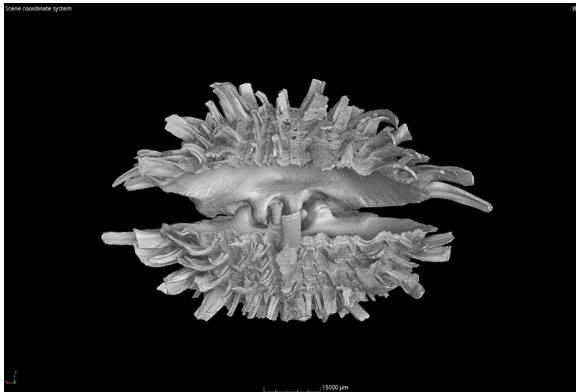


Shell: 100 μm resolution



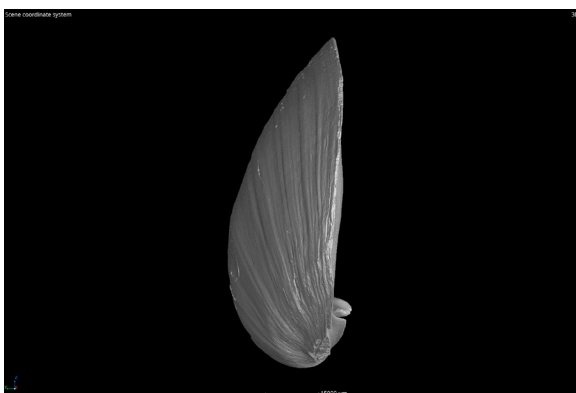
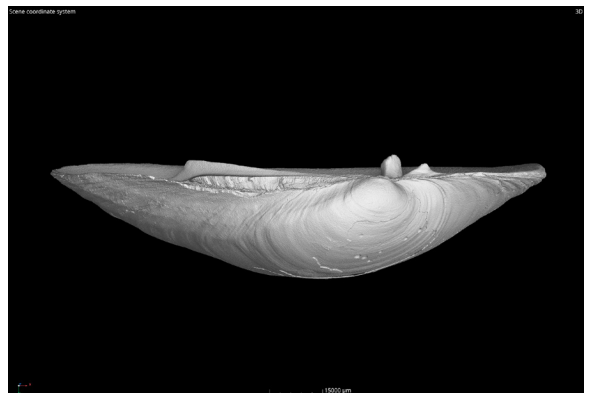
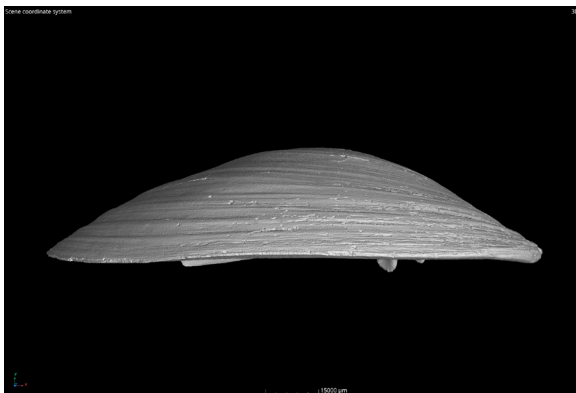
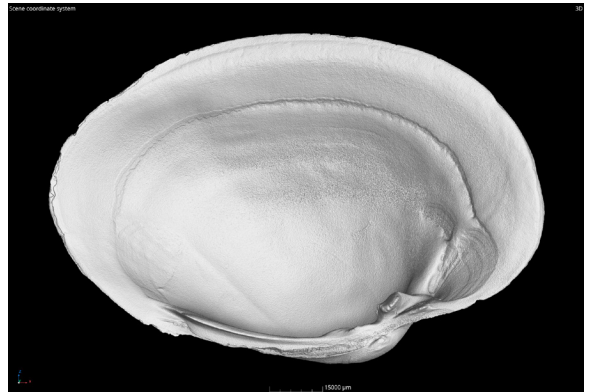
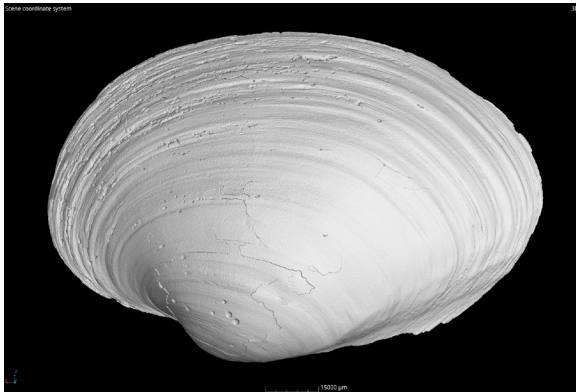
DMNS 12535: *Spondylus crassisquama*

Shell: 60 μm resolution

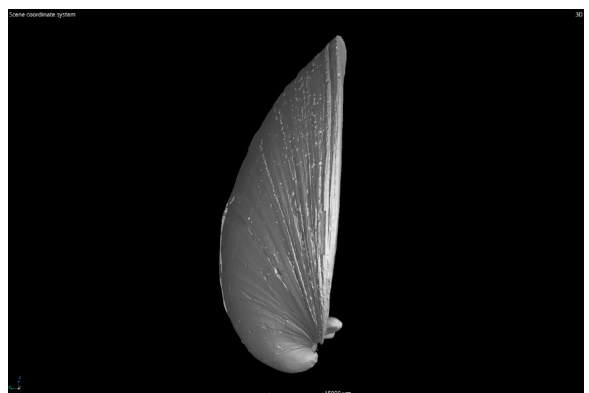
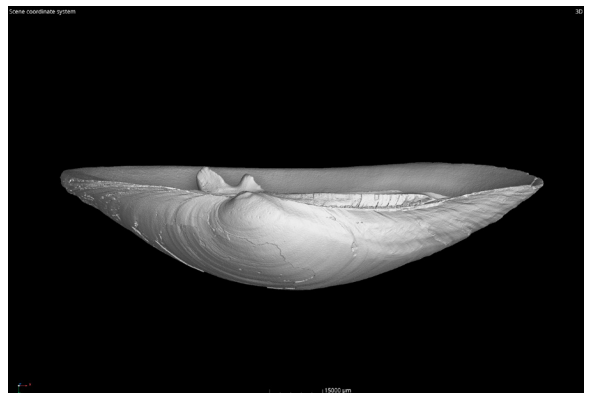
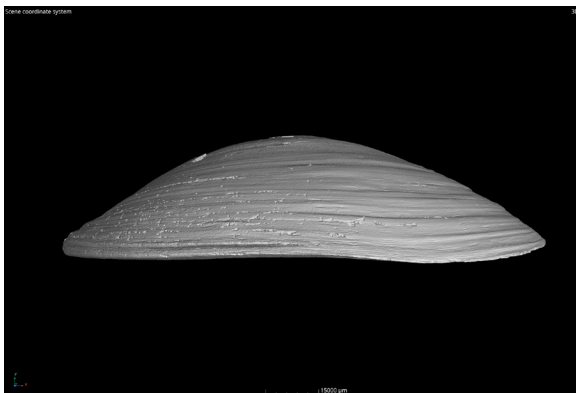
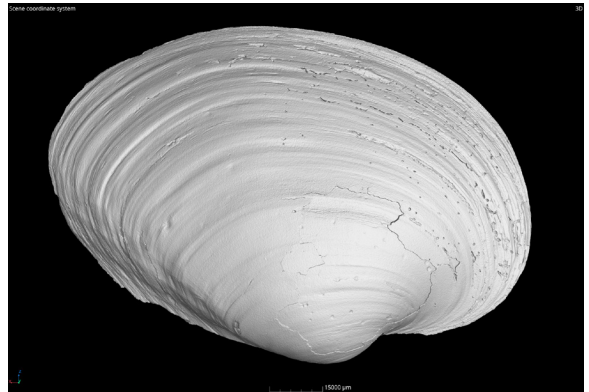
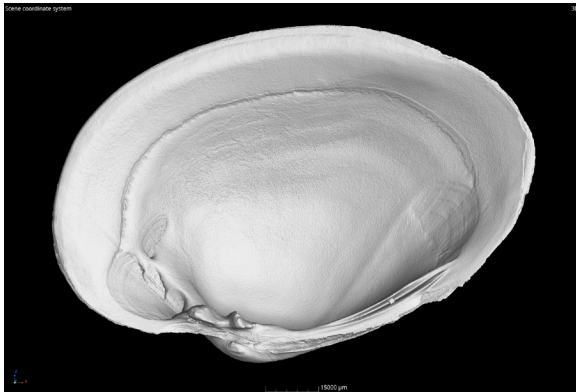


DMNS 22864: *Ortmanniana ligamentina*

Shell: 75 μ m resolution

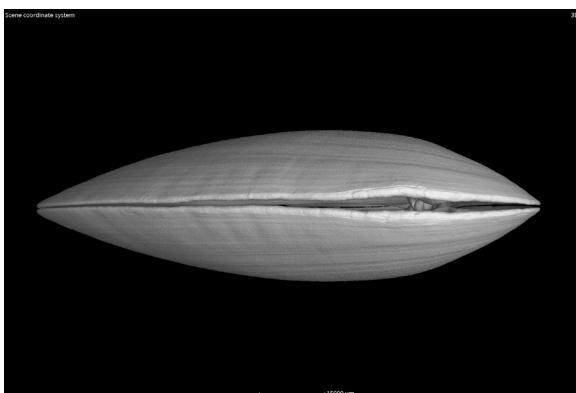
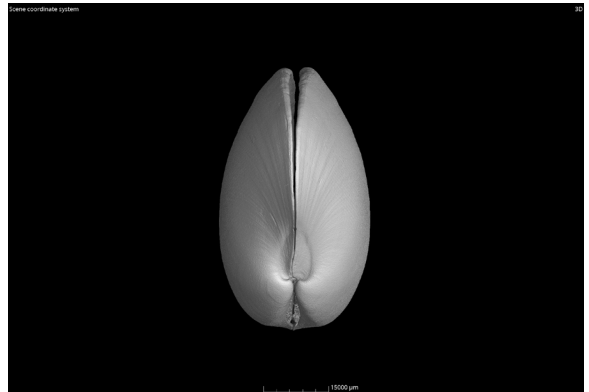
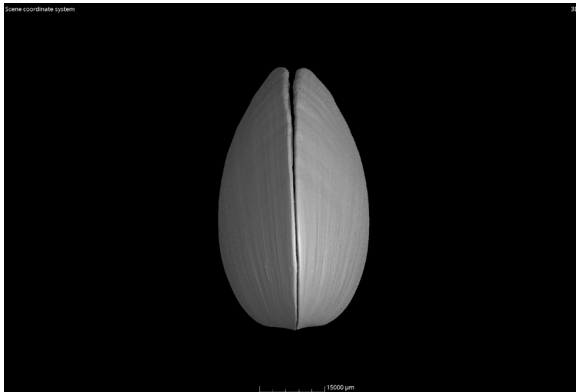


Shell: 75 μm resolution



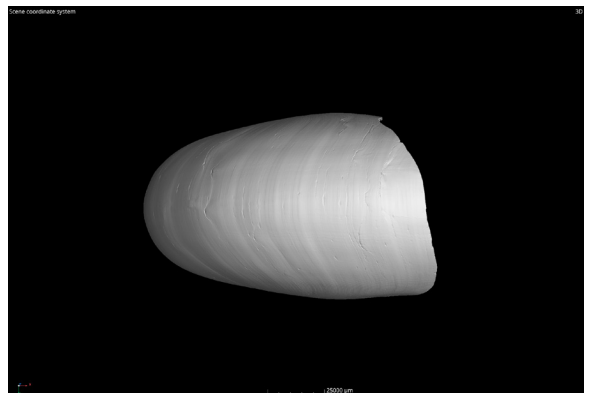
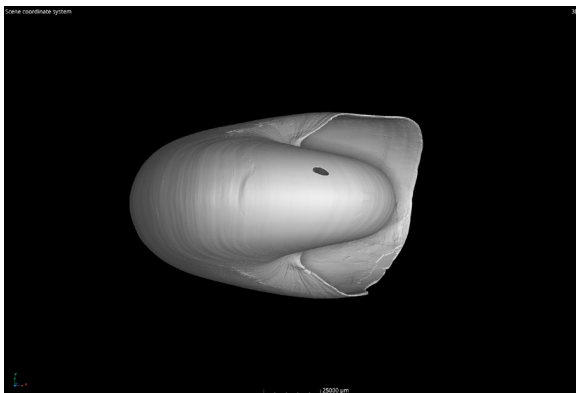
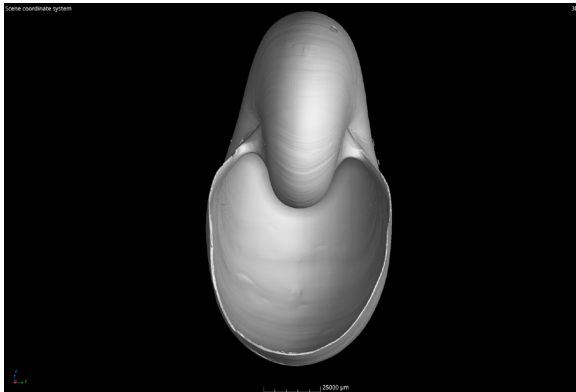
DMNS 19200: *Macrocallista nimbosa*

Shell: 63 μm resolution



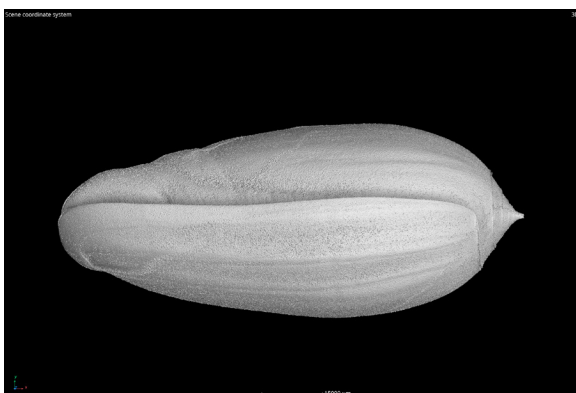
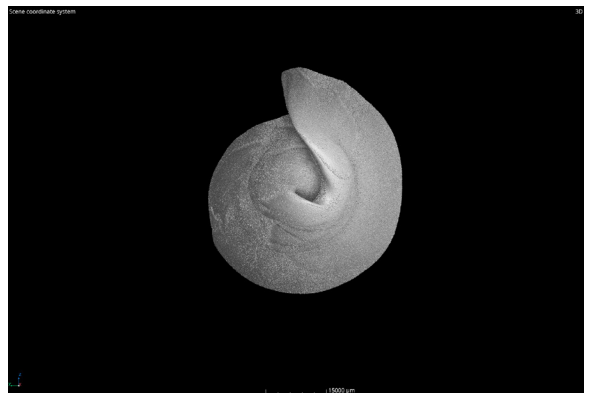
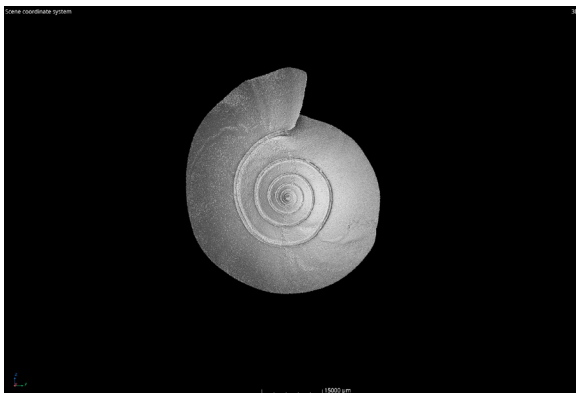
DMNS 12115: *Nautilus pompilius*

Shell: 90 μm resolution



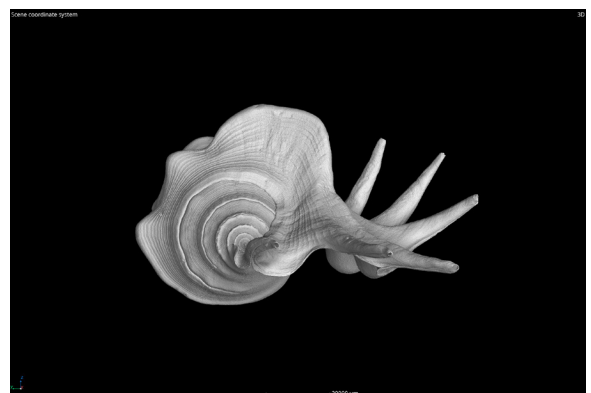
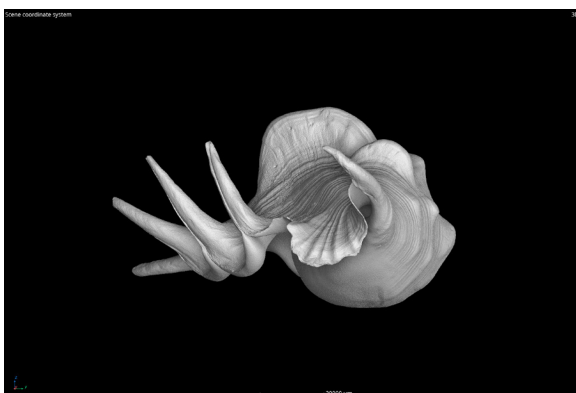
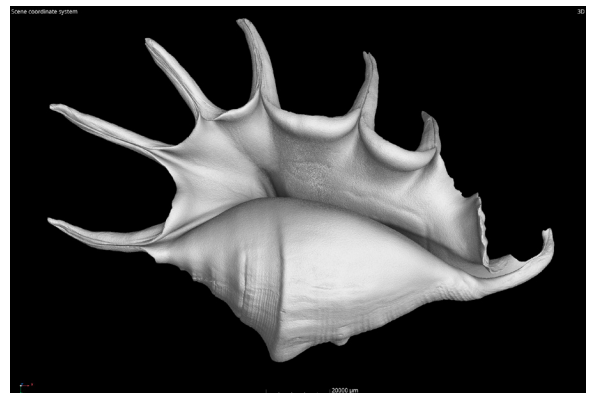
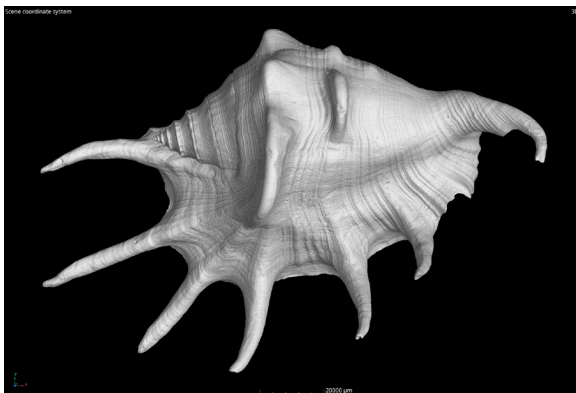
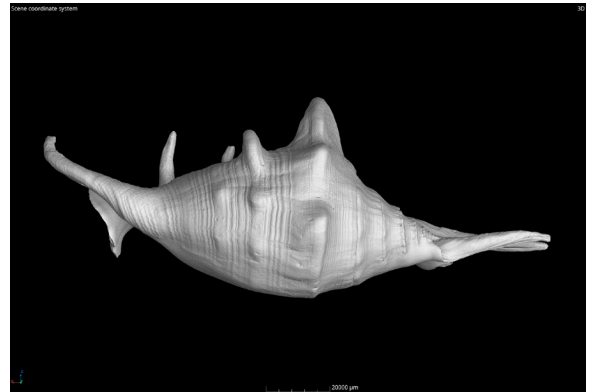
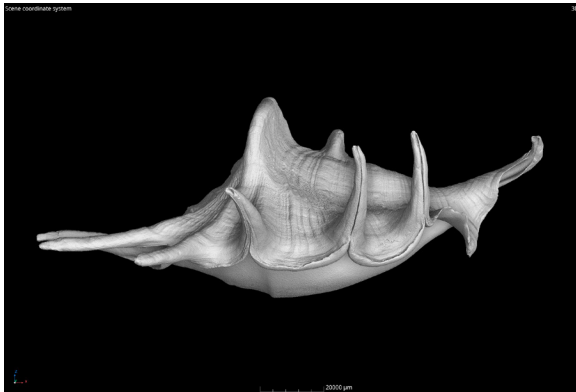
DMNS 9020: *Oliva porphyria*

Shell: 40 μm resolution



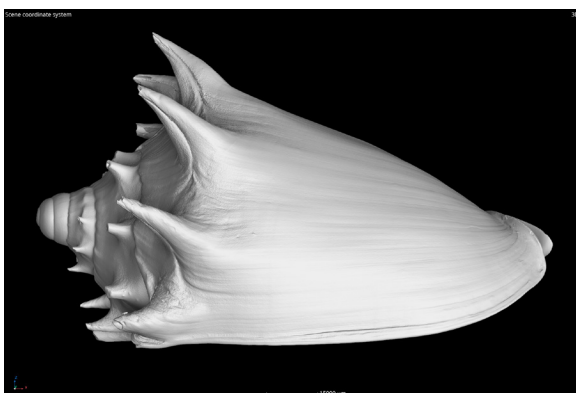
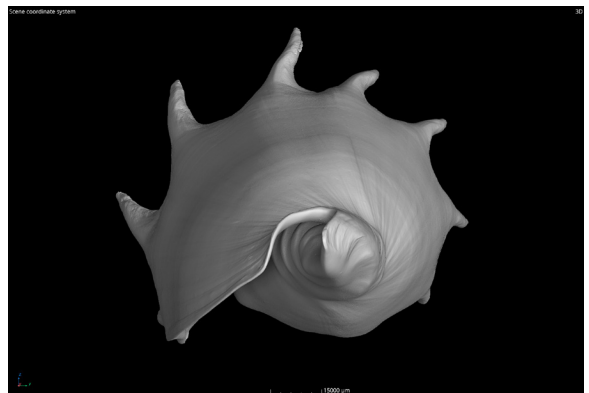
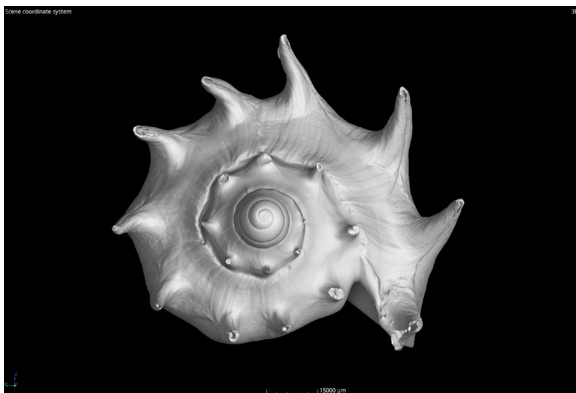
DMNS 23973: *Lambis lambis*

Shell: 70 μm resolution



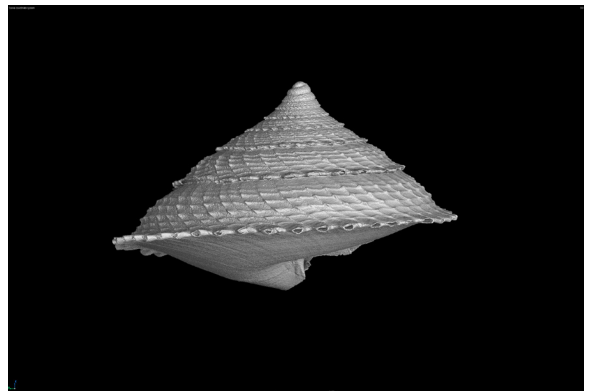
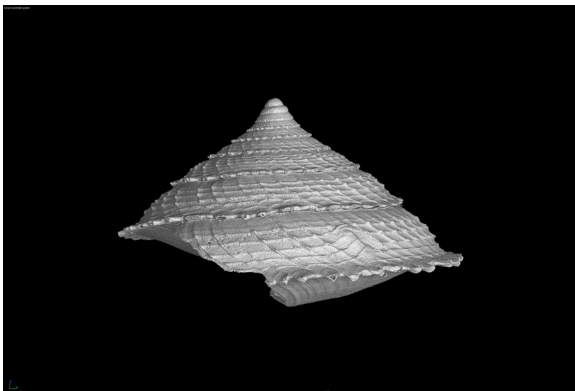
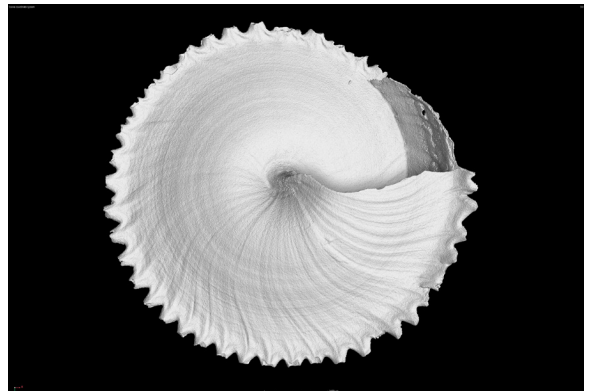
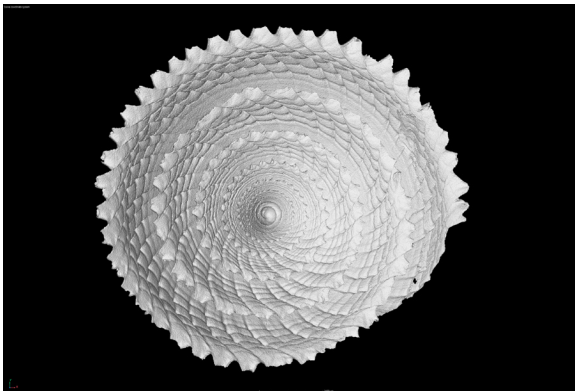
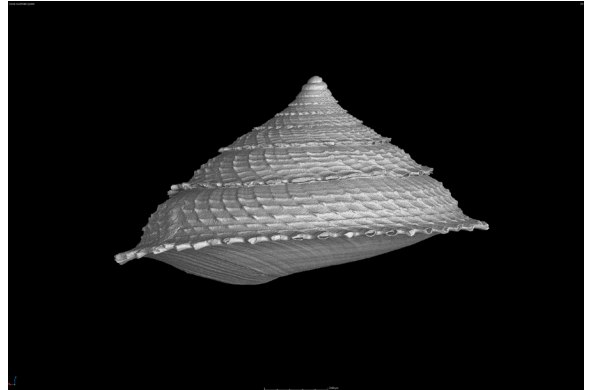
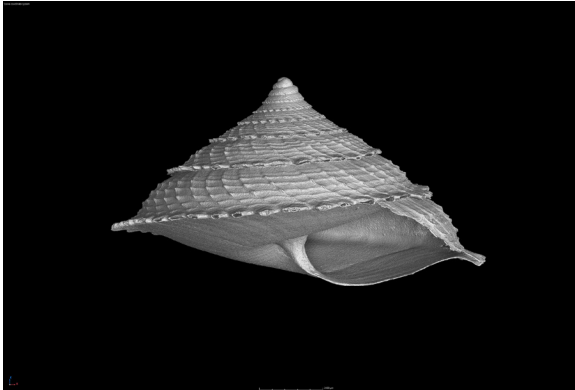
DMNS 23831: *Cymbiola imperialis*

Shell: 85 μm resolution



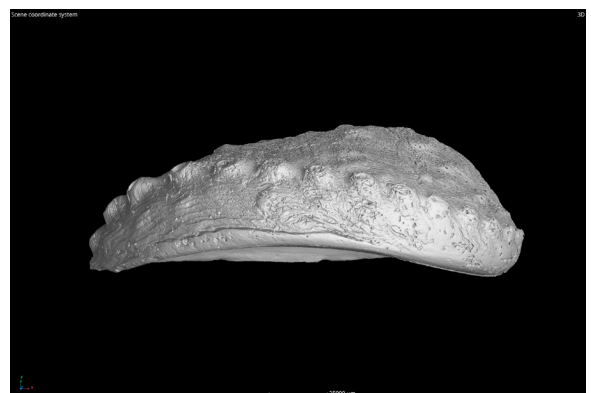
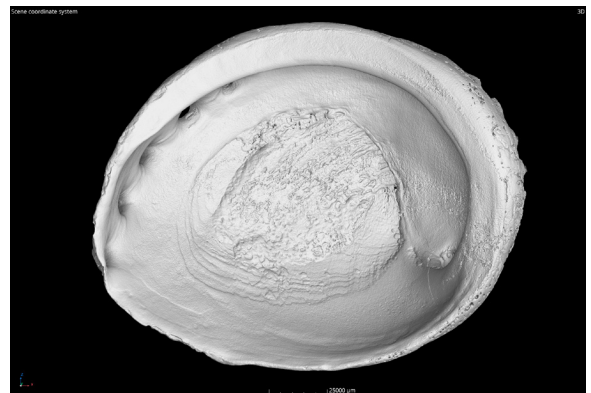
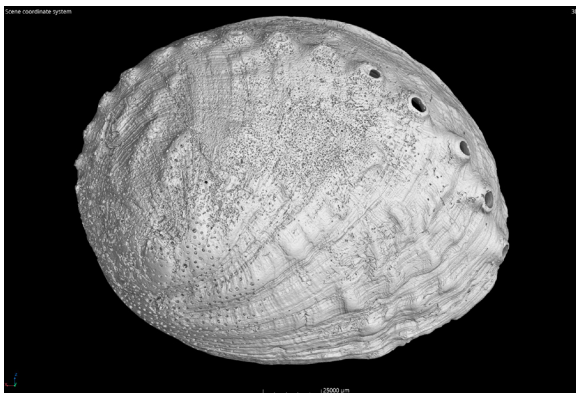
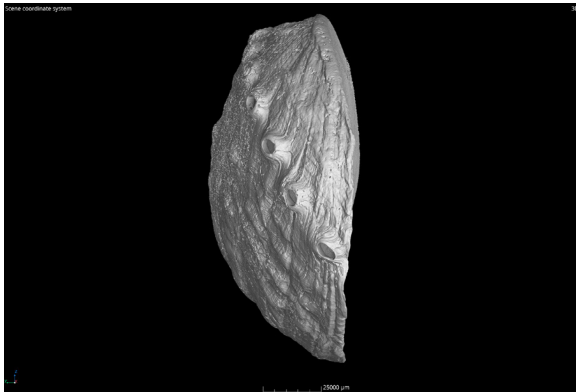
DMNS 15808: *Priotrochatella torrei*

Shell: 9 μm resolution



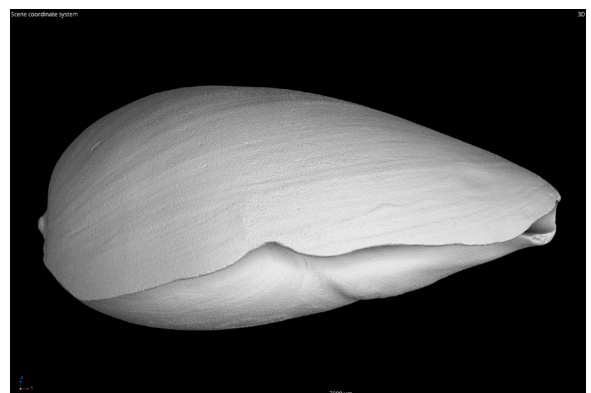
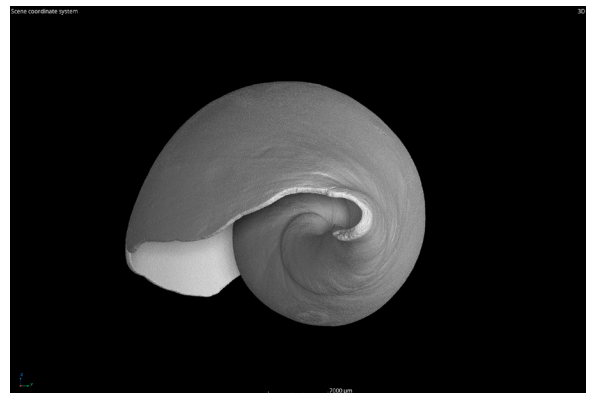
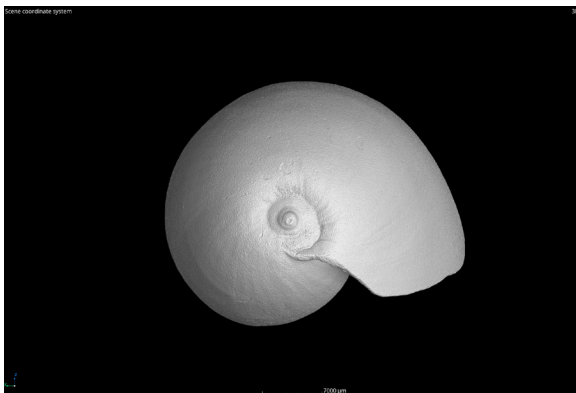
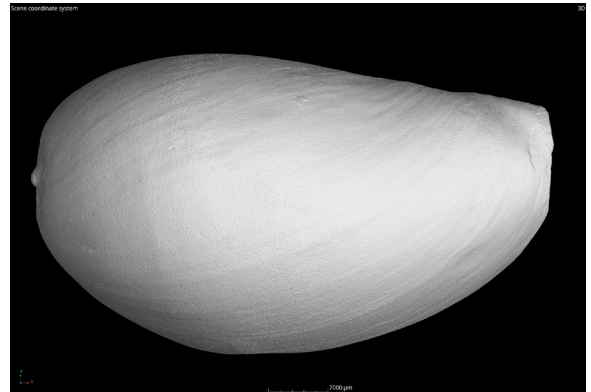
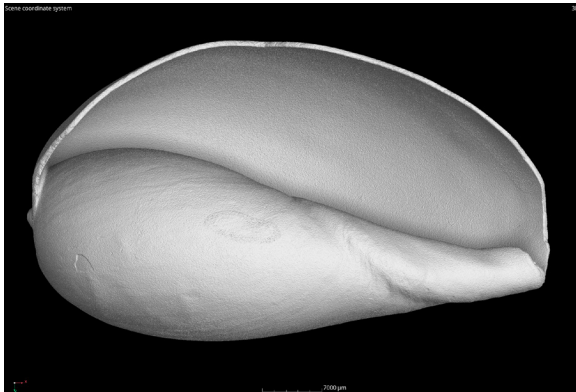
DMNS 1958: *Haliotis rufescens*

Shell: 105 μm resolution



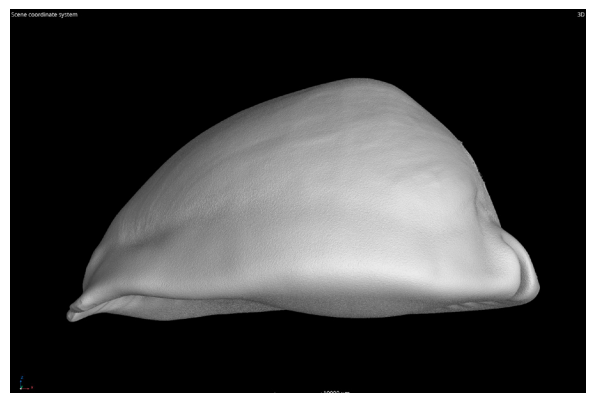
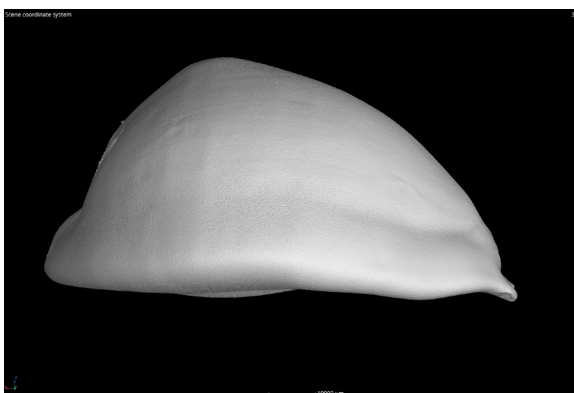
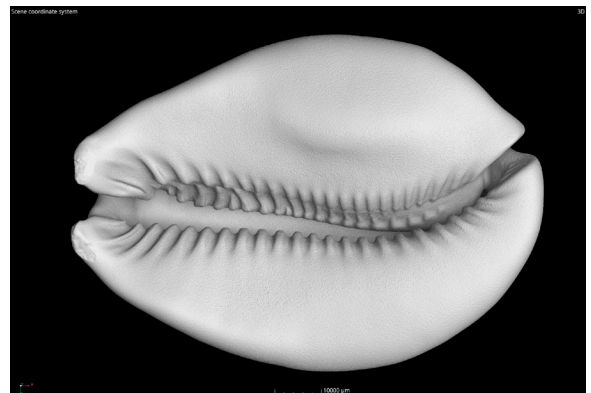
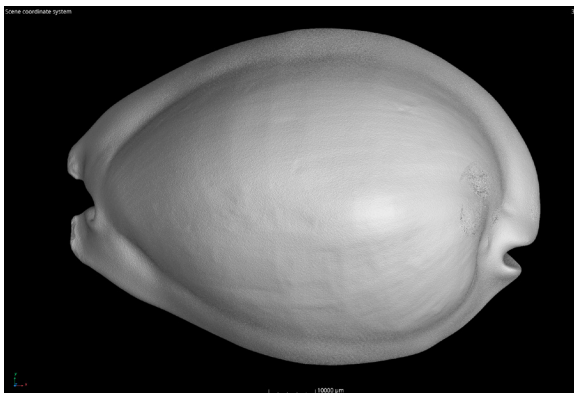
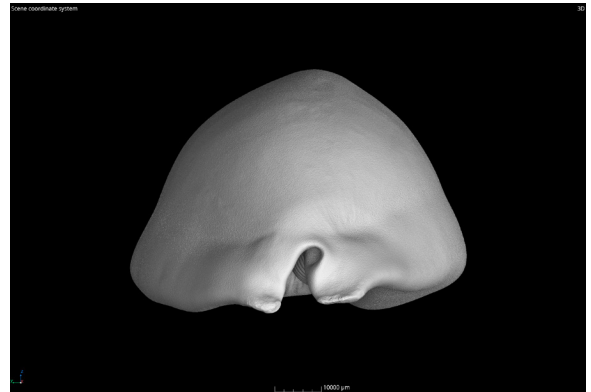
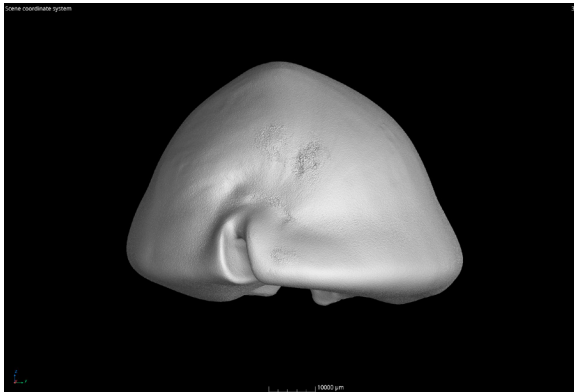
DMNS 18337: *Mauritia mauritiana*

Shell: 35 μm resolution



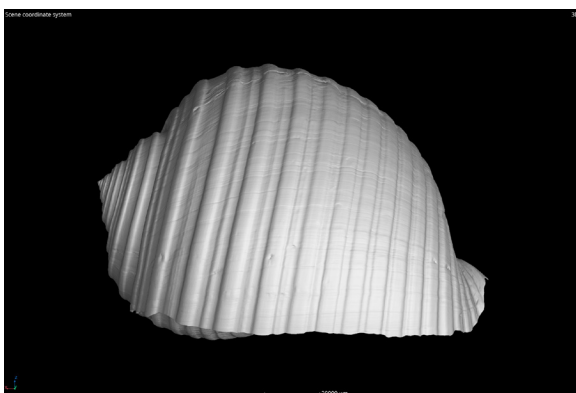
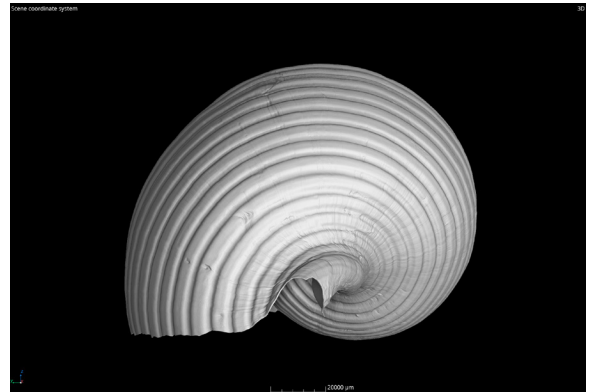
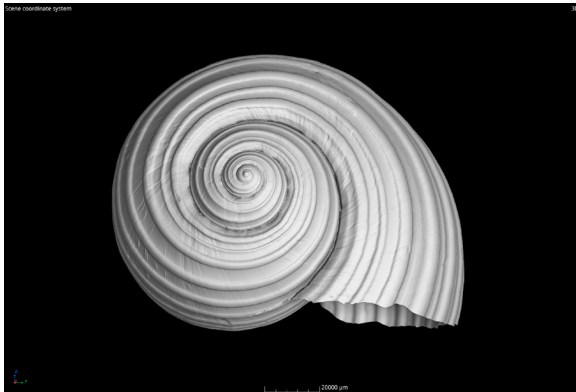
DMNS 23574: *Mauritia mauritiana*

Shell: 55 μm resolution



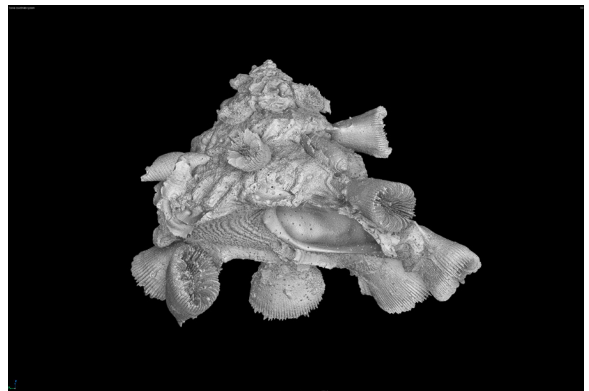
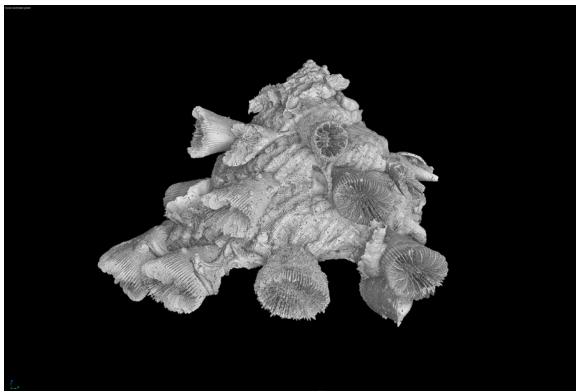
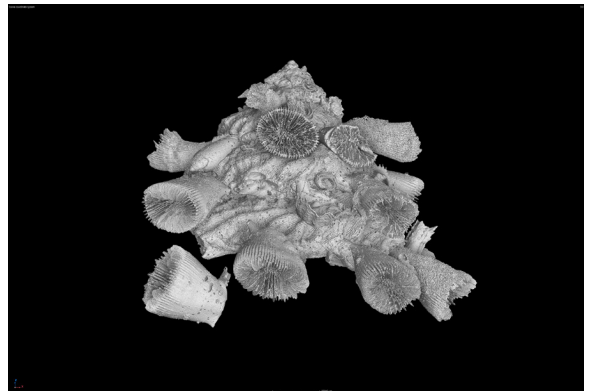
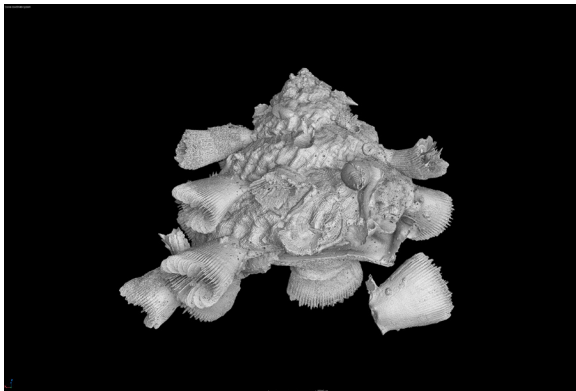
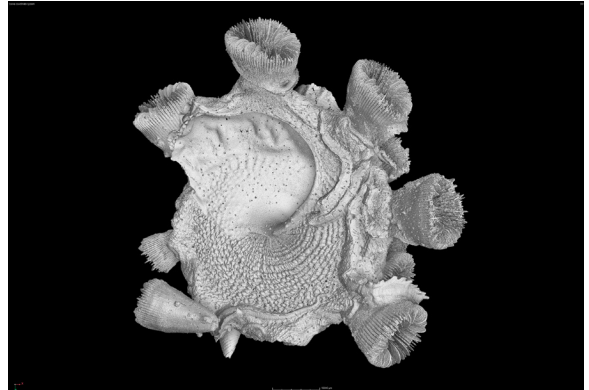
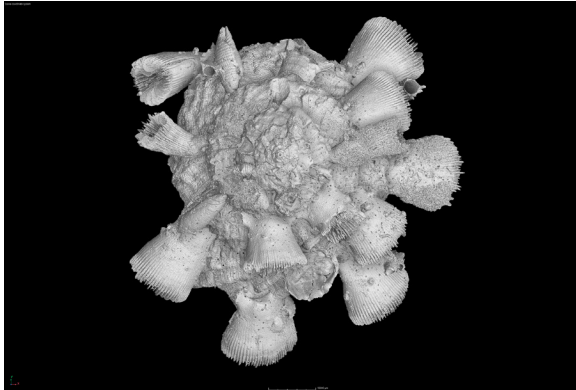
DMNS 24130: *Tonna lischkeana*

Shell: 90 μm resolution



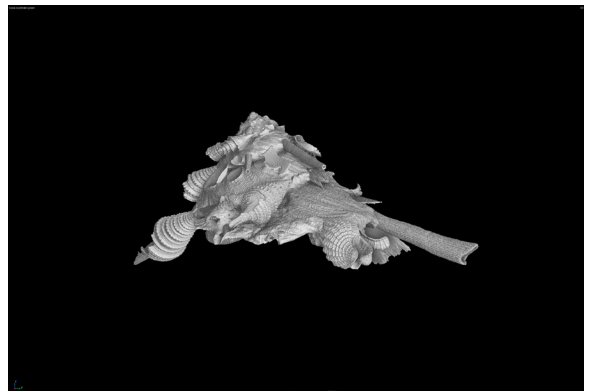
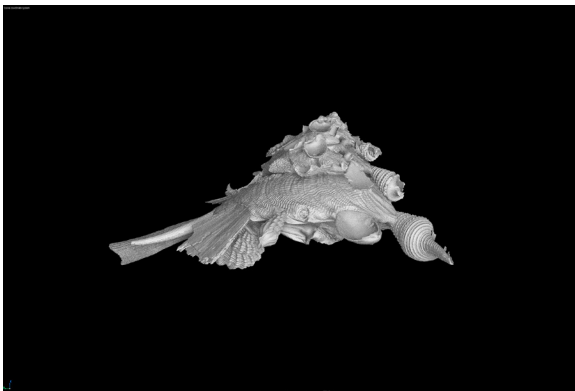
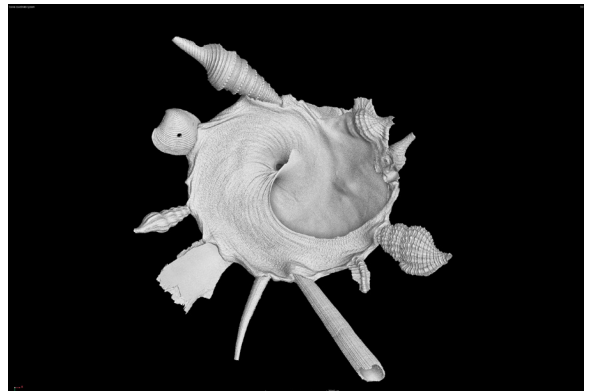
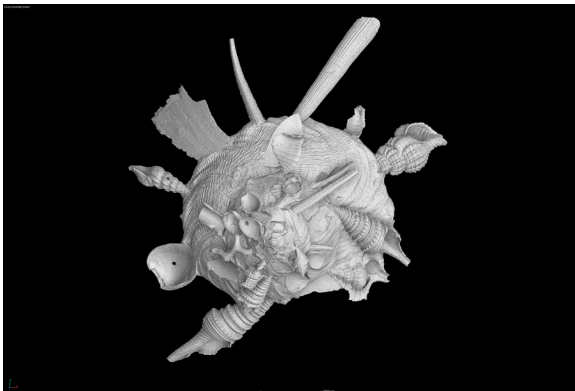
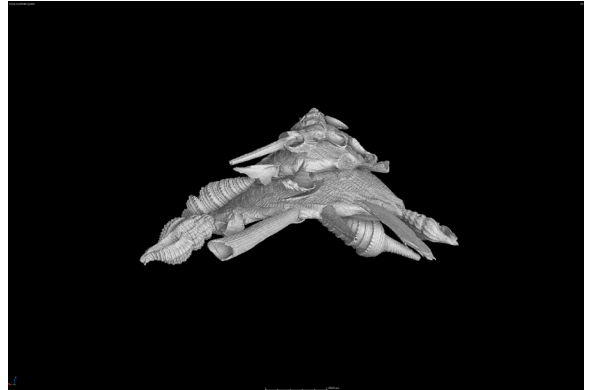
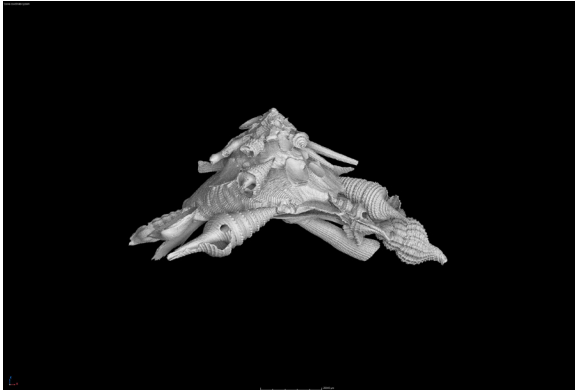
DMNS 24172: *Xenophora mekranensis*

Shell: 41.39 μm resolution



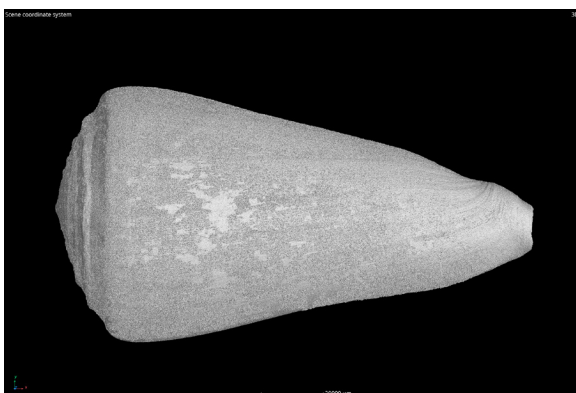
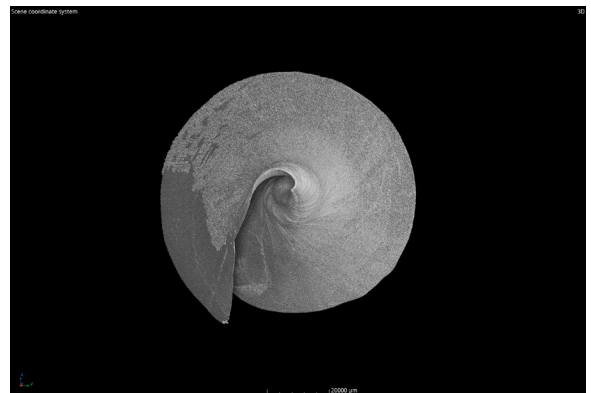
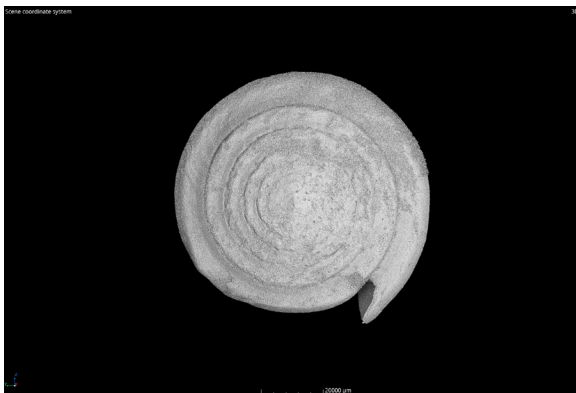
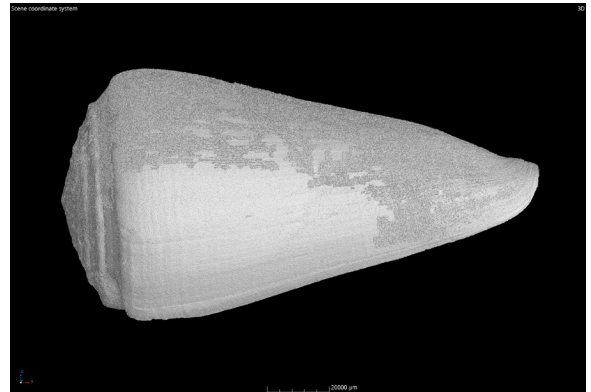
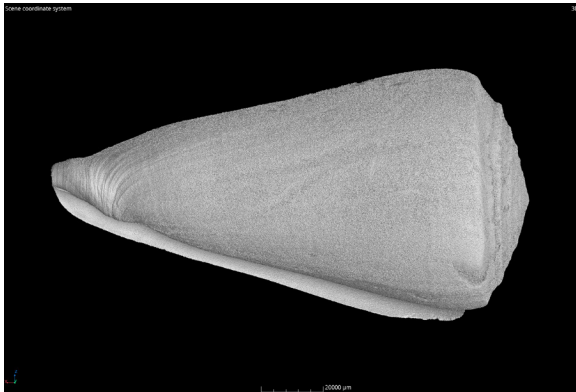
DMNS 24171: *Xenophora pallidula*

Shell: 37 μm resolution



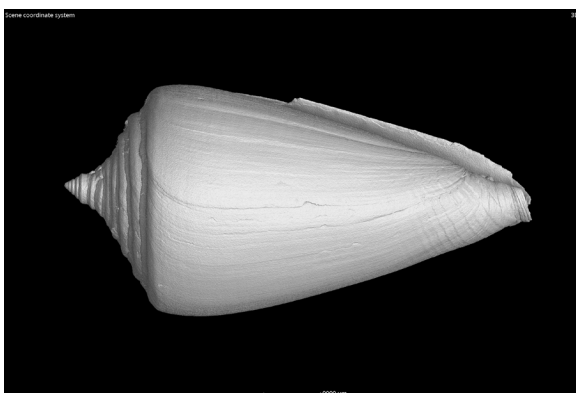
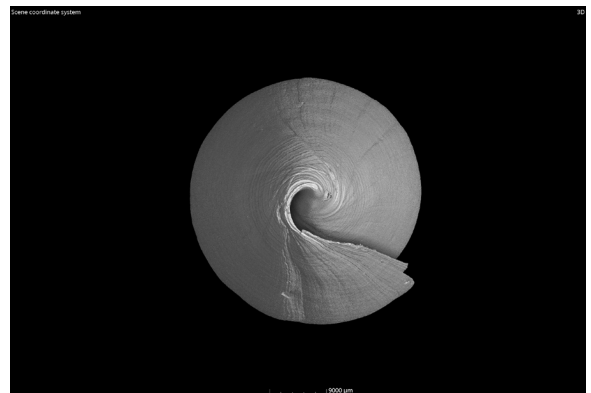
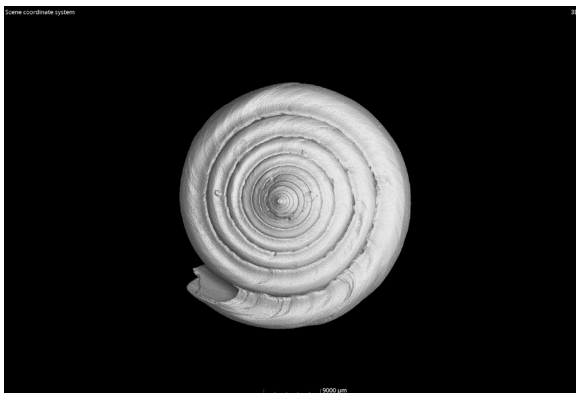
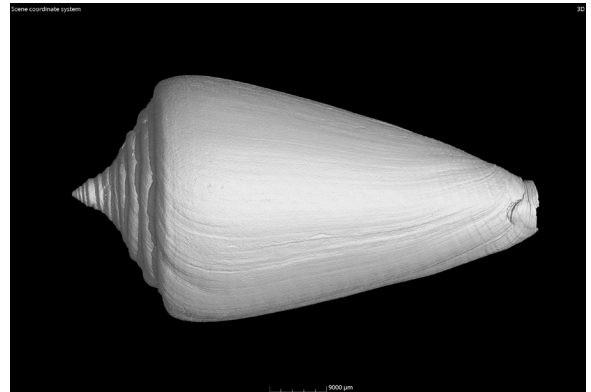
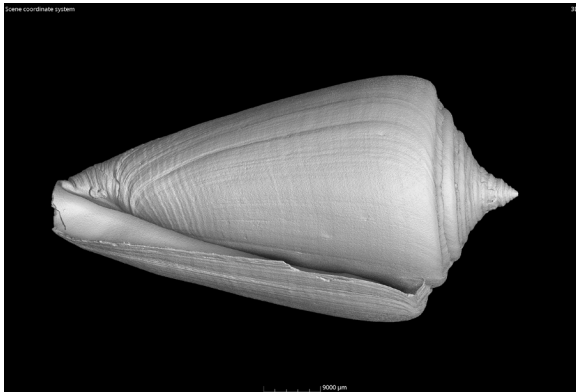
DMNS 10429: *Conus leopardus*

Shell: 56 μm resolution



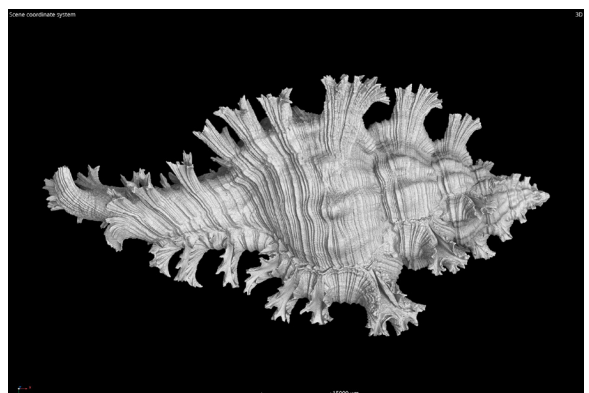
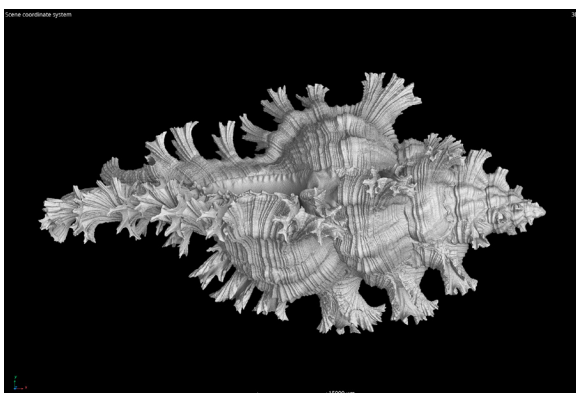
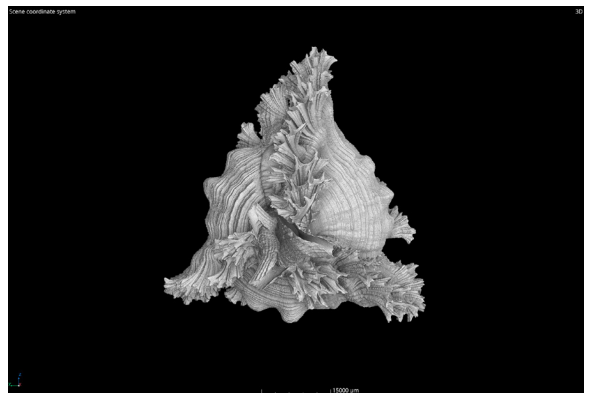
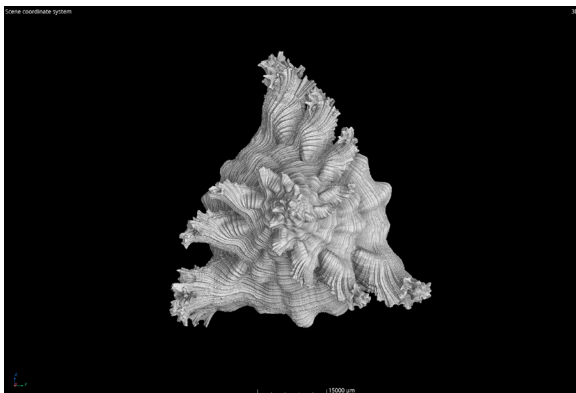
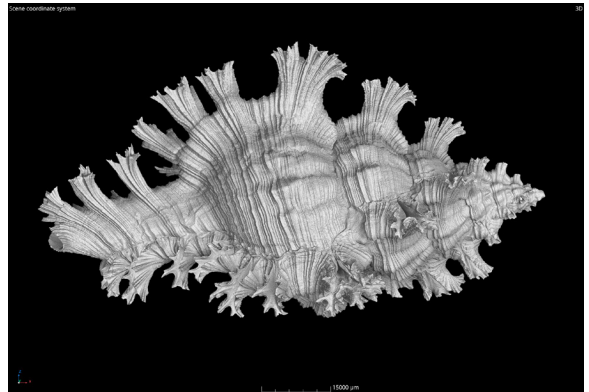
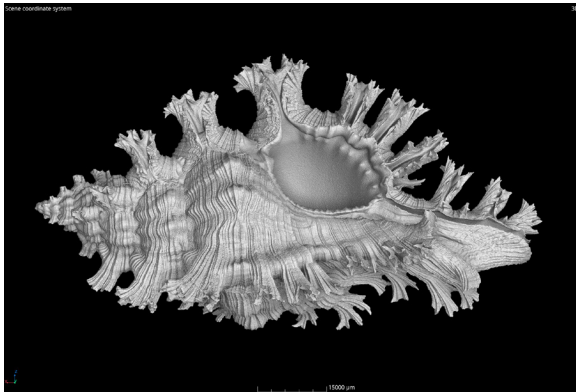
DMNS 21408: *Conus spurius*

Shell: 42 μm resolution



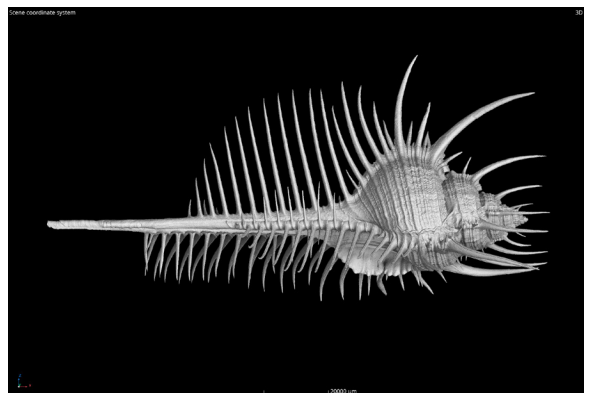
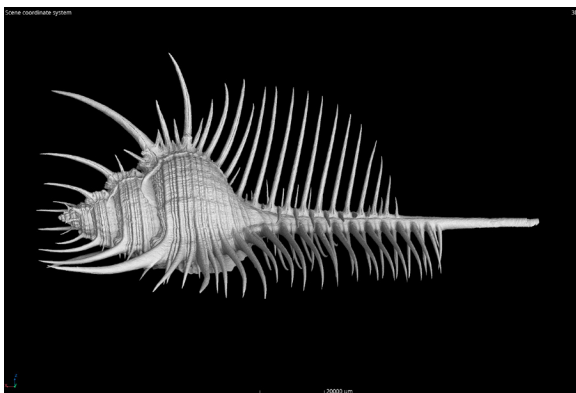
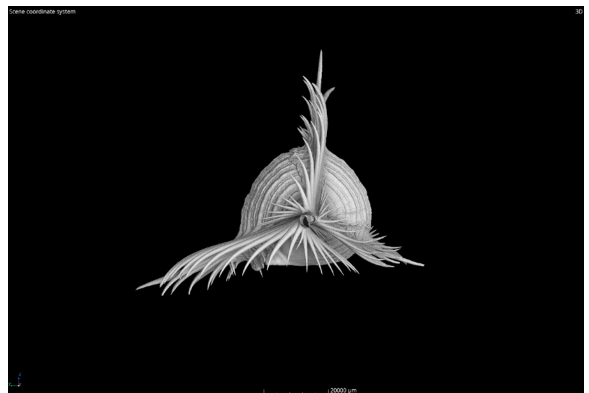
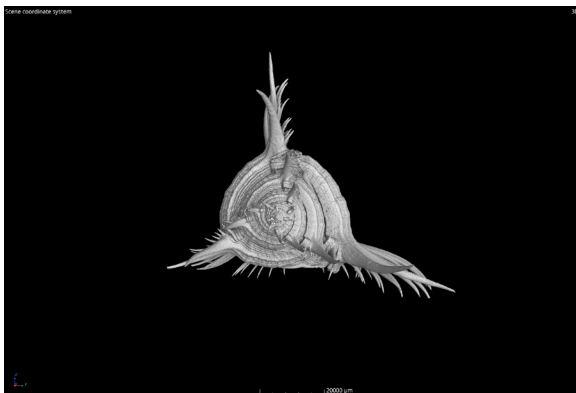
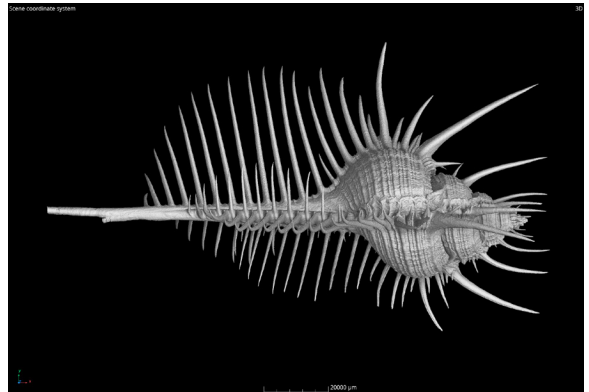
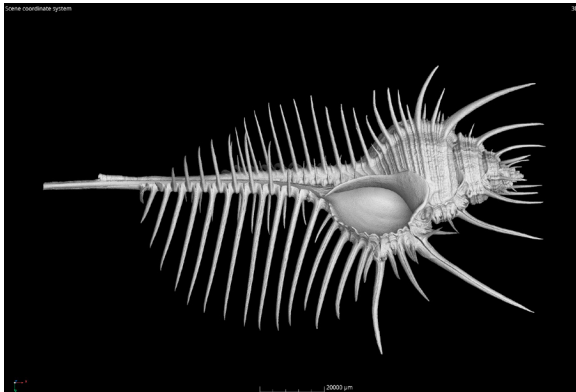
DMNS 23746: *Chicoreus palmarosae*

Shell: 60 μm resolution



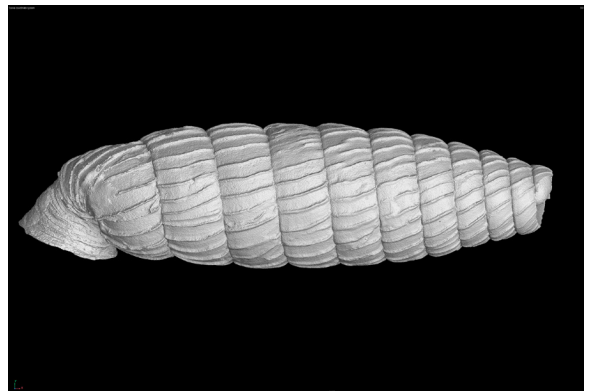
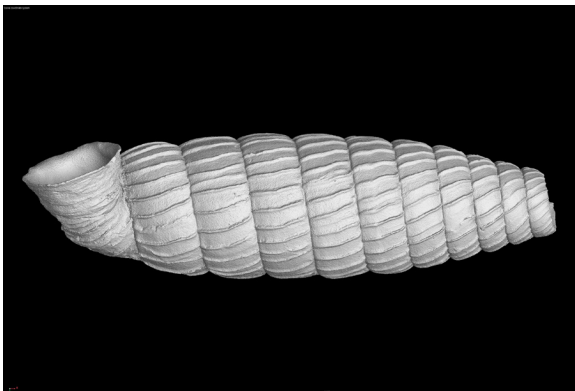
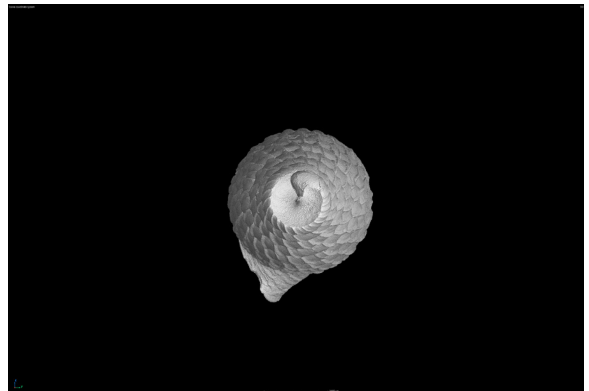
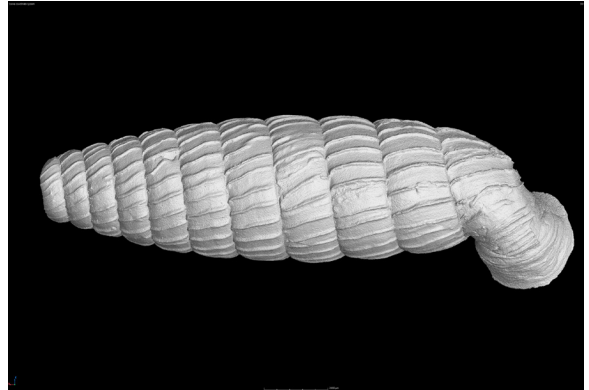
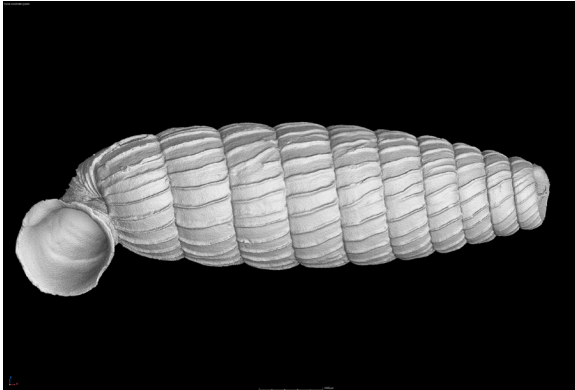
DMNS 26734: *Murex pecten*

Shell: 56 μm resolution

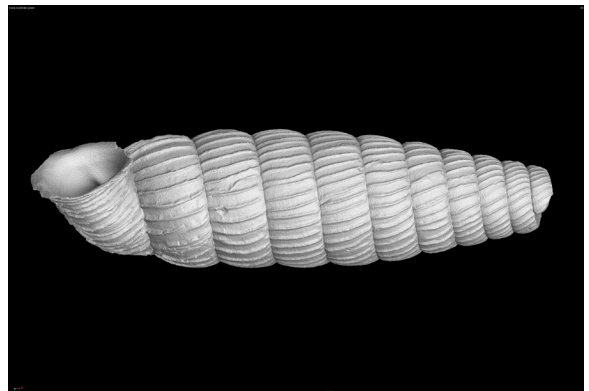
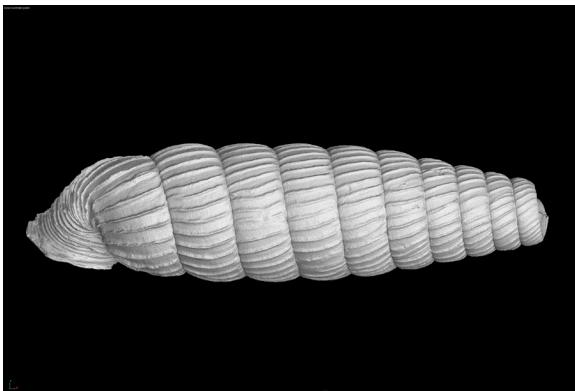
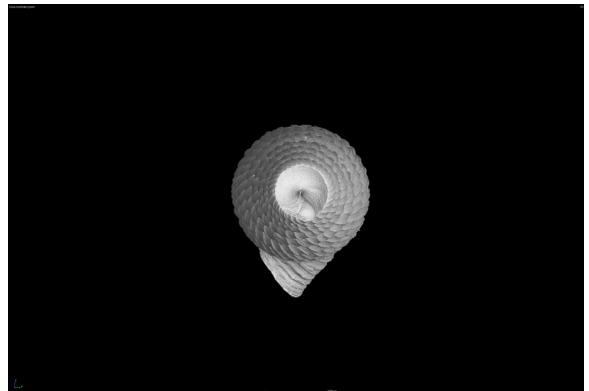
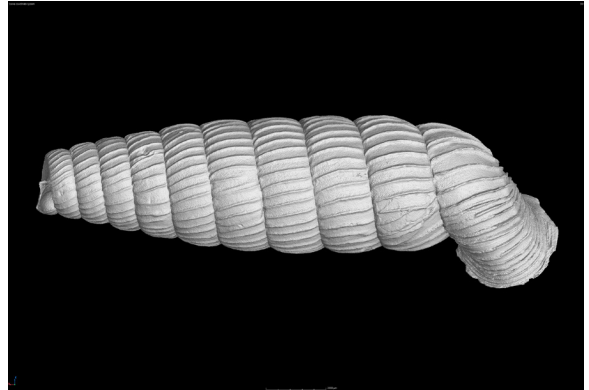
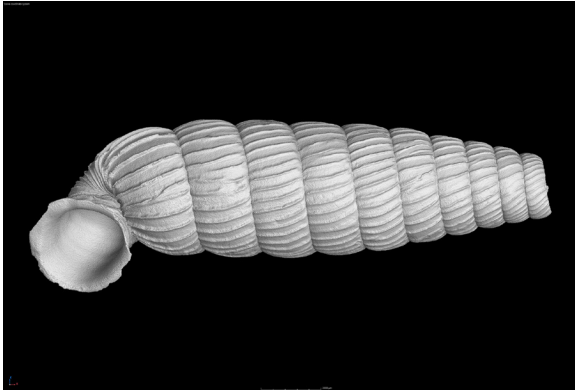


DMNS 16010: *Callocoptis hubbardi*

Shell: 9.2 μm resolution

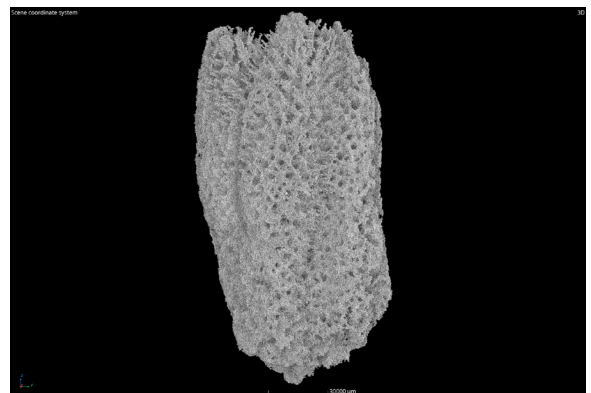
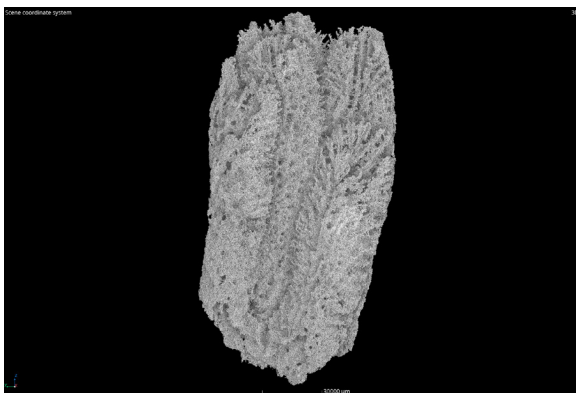
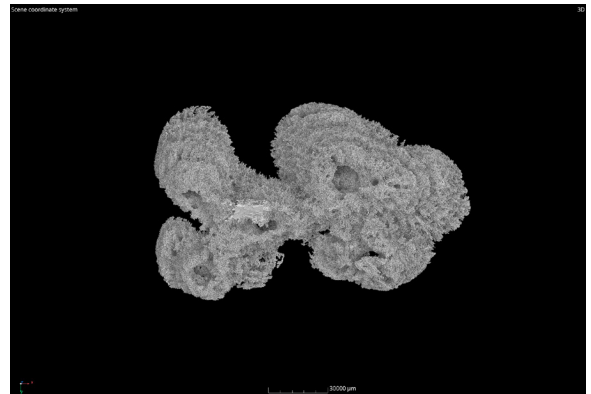
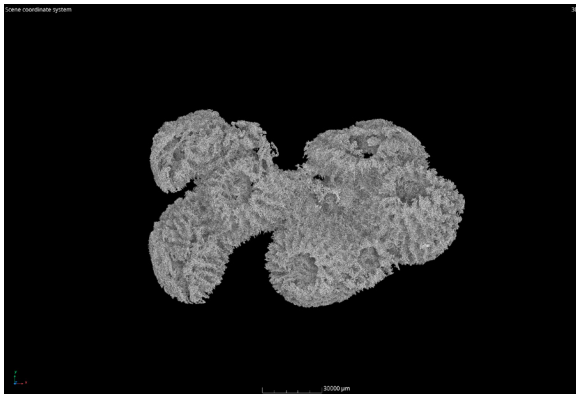
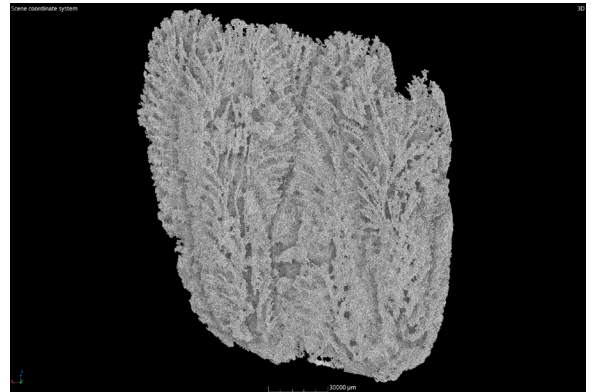
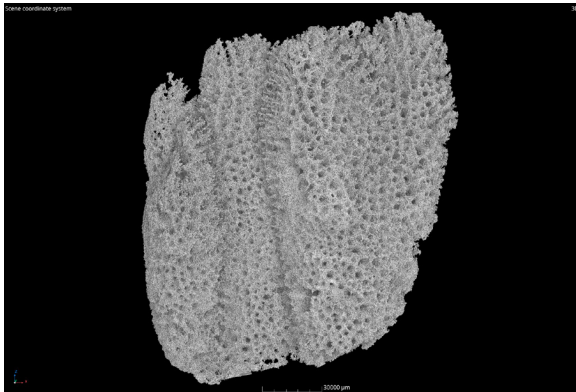


Shell: 9.9 μm resolution



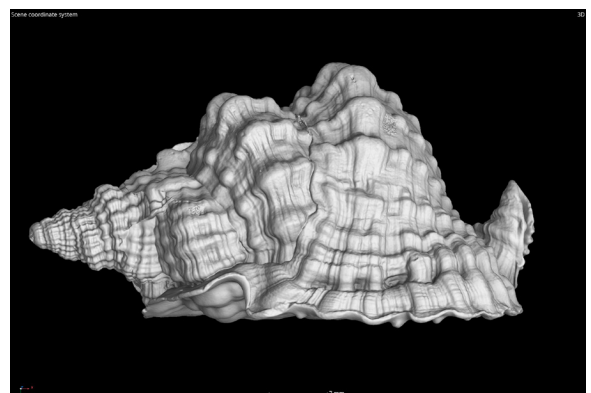
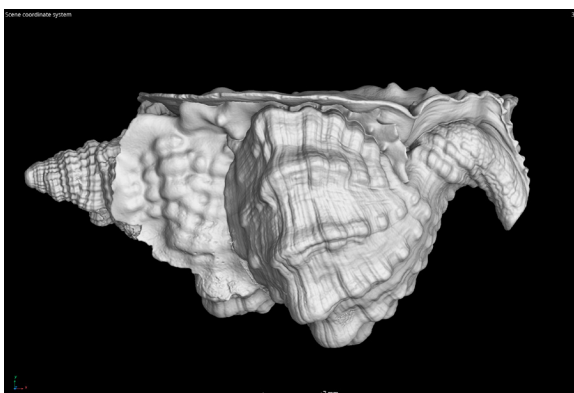
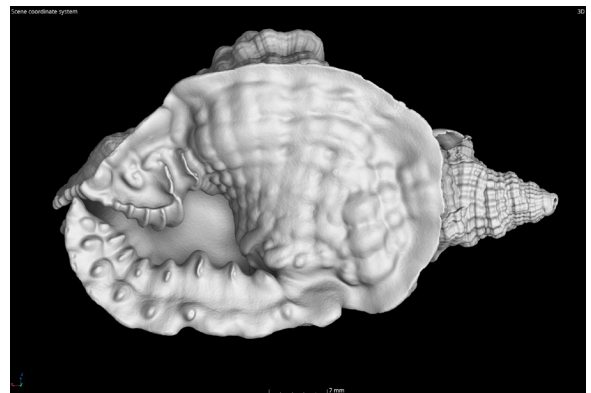
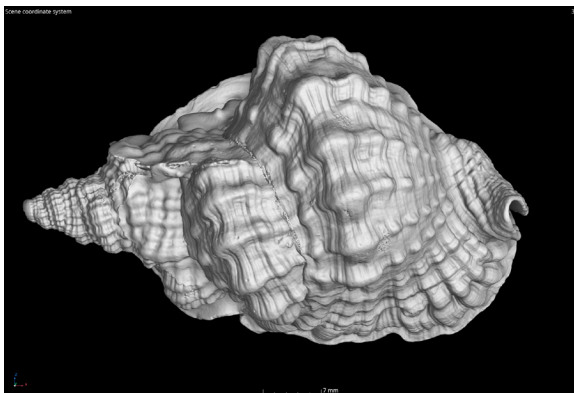
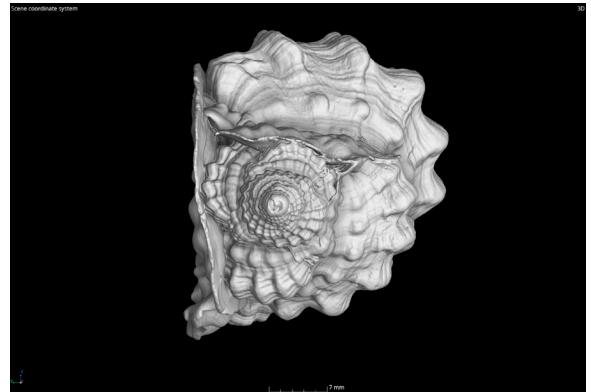
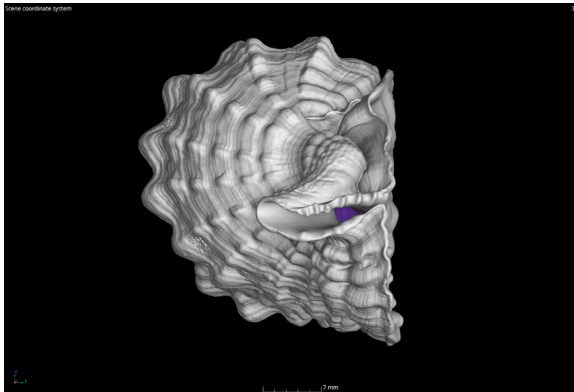
DMNS 13637: *Callyspongia vaginalis*

Shell: 100 μ m resolution



DMNS 6266: *Distorsio anus*

Shell: 32 μm resolution



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