

Resource Summary Report

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Field Museum of Natural History XCT Laboratory Core Facility

RRID:SCR_026255

Type: Tool

Proper Citation

Field Museum of Natural History XCT Laboratory Core Facility (RRID:SCR_026255)

Resource Information

URL: <https://sites.google.com/fieldmuseum.org/research/laboratories/core-laboratories/xct?authuser=0>

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Description: Facility for computed tomography (3D) imaging of objects in the Field Museum and part of the Museum's Core Lab Group. Includes two North Star Imaging (NSI) XCT scanners. The larger of the two scanners is an X5000 with a dual tube setup: one 450kV mini-focus tube, and one 225kV micro-focus tube. This scanner can house samples up to 500lbs and 1.2m in longest dimension, and has excellent penetrating power for imaging dense samples like fossils and meteorites. The smaller scanner is an X25 with a 150kV Hamamatsu tube, which is excellent for imaging smaller and/or less dense samples in extremely high resolution, such as small animal skeletons. In addition to the scanners, the lab is equipped with two high-powered computers for post-scan data processing. Available software includes NSI's suite of inspection and reconstruction software, VG Studio, ORS Dragonfly, 3DSlicer, Meshlab, and Blender.

Abbreviations: XCT Lab

Synonyms: Field Museum of Natural History XCT Laboratory

Resource Type: access service resource, core facility, service resource

Availability: Restricted

Resource Name: Field Museum of Natural History XCT Laboratory Core Facility

Resource ID: SCR_026255

Alternate IDs: ABRF_5943

Alternate URLs: https://coremarketplace.org/RRID:SCR_026255/?citation=1

Record Creation Time: 20250109T053334+0000

Record Last Update: 20260912T200500+0000

Ratings and Alerts

No rating or validation information has been found for Field Museum of Natural History XCT Laboratory Core Facility.

No alerts have been found for Field Museum of Natural History XCT Laboratory Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Cadena EA, et al. (2026) Acrothoracican bioerosion as evidence of Early Cretaceous barnacles (Cirripedia) in northwestern Gondwana. PeerJ, 14, e21433.