Object of the Month - Archive

Each month we present a short video showcasing an object from the Lapworth Museum collection.

Current Object of the Month

Mammoth tooth (/facilities/lapworth-museum/about/object-mammoth-tooth.aspx)

A 40,000 year old mammoth tooth excavated from Upton Warren in Worcestershire in 1955 by Professor Shotton and his research assistant Russell Cope.
Watch the video (/facilities/lapworth-museum/about/object-mammoth-tooth.aspx)

Previous objects include the following

Flexible sandstone (/facilities/lapworth-museum/about/object-flexible-sandstone.aspx)

A thin flexible sheet of sandstone from a bed or cliff in Jhajjar, near Delhi, India. Formed from the decomposition of gneisses which contained feldspar grains.
Watch the video

(/facilities/lapworth-museum/about/object-flexible-sandstone.aspx)

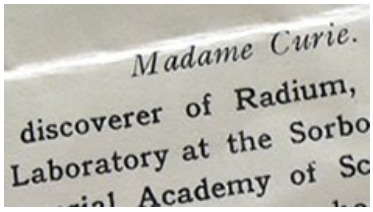
Pahoehoe lava (/facilities/lapworth-museum/about/object-pahoehoe-lava.aspx)

A transcript of the speech given by the principal of the university, Sir Oliver Lodge, when the University of Birmingham awarded Marie Skłodowska Curie an Honorary Doctorate in 1913.
Watch the video (/facilities/lapworth-museum/about/object-pahoehoe-lava.aspx)

Carbonaceous chondrite - Allende meteorite (/facilities/lapworth-museum/about/object-carbonaceous-chondrite.aspx)

This fragment was part of the Allende meteorite, the largest carbonaceous chondrite ever found on Earth, the fireball of which was witnessed on February 8th 1969, falling over the Mexican state of Chihuahua at the speed of 10 miles per second..
Watch the video (/facilities/lapworth-museum/about/object-carbonaceous-chondrite.aspx)

Honorary Doctorate speech given for Marie Skłodowska Curie (/facilities/lapworth-museum/about/object-marie-curie-speech.aspx)



A transcript of the speech given by the principal of the university, Sir Oliver Lodge, when the University of Birmingham awarded Marie Skłodowska Curie an Honorary Doctorate in 1913.
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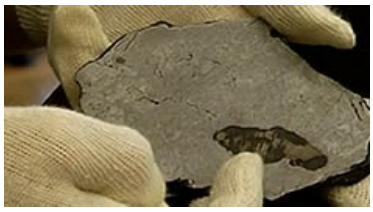
Rutile in Quartz - TiO2 in SiO2 (/facilities/lapworth-museum/about/object-rutile-quartz.aspx)

Location unknown
This mineral shows quartz with needle-like rutile embedded in it. Most rutilated quartz is formed by hydrothermal processes, and as the high temperatures cool and the pressure eases, rutile crystals become trapped inside the quartz crystals. **Watch the video (/facilities/lapworth-museum/about/object-rutile-quartz.aspx)**

Hemicyclaspis murchisoni (/facilities/lapworth-museum/about/object-hemicyclaspis-murchisoni.aspx)

Dudley, UK
This example of an osteostracan is of particular importance as articulated specimens (with this incredible bony headshield attached to the rest of the body) are extremely rare. **Watch the video (/facilities/lapworth-museum/about/object-hemicyclaspis-murchisoni.aspx)**

The Odessa Meteorite (/facilities/lapworth-museum/about/object-odessa-meteorite.aspx)



Ector County, Texas, U.S.A.
This meteorite sample came from an impact which is estimated to have taken place around 60,000 years ago during the Pleistocene, near what is today Odessa in Texas. **Watch the video (/facilities/lapworth-museum/about/object-odessa-meteorite.aspx)**

Crotalocephalus sp. trilobite (/facilities/lapworth-museum/about/object-crotalocephalus-trilobite.aspx)

Morocco
This exceptionally preserved trilobite displays sharp pleural and pygidial spines. It was found in Anti Atlas in Morocco and is

from the Lower Devonian period and therefore approximately 415-400 million years old. **Watch the video (/facilities/lapworth-museum/about/object-crotalocephalus-trilobite.aspx)**

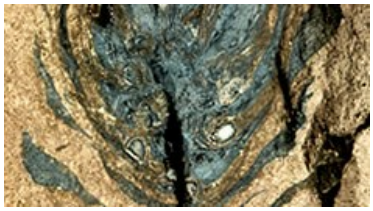
Charles Lapworth's microscope (/facilities/lapworth-museum/about/object-lapworth-microscope.aspx)

Designed by Professor Charles Lapworth and manufactured by Birmingham's J.Parkes & Son in 1896, this remarkable microscope holds historic and scientific significance for the studies of biostratigraphy; the use of fossils for comparative aging of different rock sequences.
Watch the video (/facilities/lapworth-museum/about/object-lapworth-microscope.aspx)

Antrimpos speciosus (/facilities/lapworth-museum/about/object-antrimpos-speciosus.aspx)

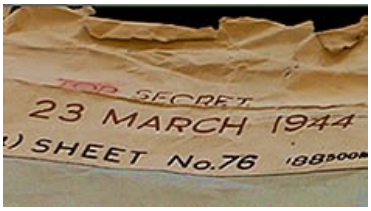
Bavaria, Germany
This exceptionally preserved fossil shrimp is fully articulated complete with appendages including legs and antennae, body parts which are not normally preserved.
Watch the video (/facilities/lapworth-museum/about/object-antrimpos-speciosus.aspx)

Pinus yorkshirensis - Fossilised pine cone (/facilities/lapworth-museum/about/object-pine-cone.aspx)



A fossil discovered amongst the Lapworth Museum collections has been identified as the **oldest known fossil pine cone**. Until recently, little was known about the specimen which was found many years ago during an undergraduate geology fieldtrip to the Yorkshire Coast.
Watch the video (/facilities/lapworth-museum/about/object-pine-cone.aspx)

Shotton Normandy landings map (/facilities/lapworth-museum/about/object-shotton-map.aspx)



Fred Shotton (1906-1990) was born in Coventry and went on to become Professor and Head of the Geology Department at the University of Birmingham. This map shows the vital role he played during the Second World War as a senior military geologist.
Watch the video (/facilities/lapworth-museum/about/object-shotton-map.aspx)

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