

METEORITES OF TATARSTAN IN THE STUCKENBERG GEOLOGICAL MUSEUM, KAZAN UNIVERSITY

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Meteorite specimens from
the collection of Stuckenberg
Geological Museum, Kazan
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(SGM KFU)*.

Photo: Michael B. Leybov

The meteorite collection of the Stuckenberg Geological Museum of the Kazan University includes 267 specimens of meteorites, tektites and impactites from diverse corners of the Earth. Many exhibits were received as gifts or in exchange with the Committee for meteorites, Russian Academy of Sciences, as well as from Russian and foreign collectors.

In 2016, the museum was gifted the entire meteorite collection upon the will of Andrei Kirillovich Stanyukovich, Academician of the Russian Academy of Natural Sciences, President of the Russian Society for Lovers of Meteorites.

The meteorite collection was founded after the Geological Museum was gifted the Okhansk meteorite, brought to the museum after its fall in the Permian region on the 30th of August 1887. It is a pride of our collection! Petr Ivanovich Krotov, Associate Professor of the Kazan University, studied the impact area and related circumstances, providing a detailed description. He visited the site in 10 days after the fall and inspected the areas of fallen pieces. He described meteorite craters, compiled a map and delivered 148.3 kg of meteorite fragments to the Geological Museum of the Kazan Imperial University. As a result, the museum owns the bulk of the Okhansk meteorite.

We present a photo gallery of all meteorites, collected in the Republic of Tatarstan. Five meteorites were discovered here during 130 years over an area of nearly 68 thousand square kilometres. Their fragments are present in the collection of our museum. These are: Chuvash Kisy (found in spring 1899) (Figure 1), Kainsaz (fall of the 13th September 1937) (Figure 2), Muslyumovo (found on the 10th of May 1964) (Figure 3), Ivanovka (found on the 31st of August 1983) (Figure 4), and finally a large fragment of the most recently found large fragment of the Araslanovo meteorite (found in 1973 and gifted to the museum in 2011) (Figure 5).

* in the article abbreviation GM KFU means Geological Museum of the Kazan Federal University.

1. Chuvash Kisy **meteorite** (stone, chondrite).
2.43 kg. Chuvashskie Kisy village, Aksubai District,
Republic of Tatarstan.
SGM KFU #16/6.

*Discovery of 1899. This is a first meteorite found in
Tatarstan. It was discovered during tillage, some
4 versts to the east from the Chuvashskie Kisy vil-
lage, Chistopolsk District, Kazan Region and gifted
to the museum by V.V. Markovnikov. The Geological
Museum owns the main mass of this meteorite.*



2. Kainsaz **meteorite**
(stone, carbonaceous chondrite). 52.375 kg.
Kainsaz Village, Muslyumovo District, Republic of
Tatarstan. Fallen on the 13th September 1937 at
15-15. SGM KFU #16/6.

*This is a second of five meteorites, fallen in
Tatarstan.*

