

Pannon Sea Museum

Miskolc



SZÉCHENYI PLAN

The project

The project, named „Building-up and operation of the Pannon Sea exhibition building” was supported by the European Union and co-financed by the European Regional Development Fund within the framework of the North Hungary Operative Programme of the New Széchenyi Plan.

The Herman Ottó Museum of Miskolc gained net 369 231 616 HUF with the project. This amount of money covered 85% of the cost price. The rest, which was about 65 158 520 HUF, was financed by the former maintainer of the museum, the Borsod-Abaúj-Zemplén County Government. Within this project, which took place between 2010 and 2013, the main building of the museum was extended by a new two-storey wing with a total area of 942 m² sunk into the ground and with the name of “Pannon Sea Museum”.

It gives place two permanent exhibitions since 20th November 2013: 1. On trails of a primitive forest – The Bald-Cypress forest of Bükkábrány and its Epoch, 2. Minerals of the Carpathians.

Idea: Dr. László Veres and Dr. Tamás Pusztai

Restorer who was responsible for the preservation of the trees: Ferenc Bánfalvy head of department

Project leaders:

2007-2010 Dr. László Veres director of county museum

2010 Dr. Gyula Viga director of county museum

2010-2013 Dr. Tamás Pusztai director of museum

Technical manager: Péter Szolyák, head of department

Project manager: Edina Sándor submission rapporteur

Architectural design: Hadas Építész Mérnöki és Művészeti Ltd., Mihály Rudolf DLA architecture

Exhibition script: Béla Fehér mineralogist, Szabolcs Honti biologist, Dr. Sándor Szakáll mineralogist, Péter Szolyák palaeohistorian

Scientific assistance and exhibition script: Dr. Lilla Hably geologist-palaeobotanist, head of repository (Hungarian Natural History Museum), Dr. Miklós Kázmér geologist, professor and head of department, Dr. László Kordos palaeontologist, professor, Dr. Imre Magyar geologist

Interior design: Pyxis II. Bt., Zsuzsa Molnár setting and costume designer, scenic



PANNON-TENGER
FÖLDTÖRTÉNETI ÉS TERMÉSZETRAJZI TÁR
2013



HERMAN OTTÓ
MÚZEUM

On trails of primitive forests

In the territory of the open cast lignite mine of Bükkábrány, one of the most beautiful assemblages of the history of Hungarian geological and palaeobotanical research, remains of a 7 million years old bald-cypress forest was excavated from 65 m depth in July, 2007. The discovery is unprecedented even at world level, because the sixteen exposed trunks were preserved in upright position by the sand buried them. The material of the trees were not petrified, and their cell-structure was barely damaged or transformed as compared to recent trees.

The management of the Mátrai Erőmű Zrt. and lignite mine of Bükkábrány selflessly made the in situ examination of the unique assemblage and its environment by the experts of several scientific institutions possible. The Herman Ottó Museum of Miskolc, and Nature Reserves Ipolytarnóc Fossils of Bükk National Park got special permissions to cut and transport complete trunks from the remains of the forest for making further research

and showing them to the general public.

Colleagues of the Herman Ottó Museum sawed four tree-trunks and transported them to Miskolc under the direction of research leader János Veres. The preservation of the trees was started here immediately with the coordination of Ferenc Bánfalvy, head of department, tree restorer. At the same time, the idea of establishing a new exhibition area, which would introduce the age of the trees, that is the geological Miocene age (23-5.3 mya) was born. Opening of the "Pannon Sea Museum" on 20th November 2013 created an opportunity to re-establish the natural history collection, which was terminated in 1950, under the name of Pannon Sea Repository of Geological and Natural History. With the formation of the repository, the museum set the goal of collecting, researching, preserving and regularly displaying of the geological and paleontological memories of the tertiary and quaternary geologic period.



The Bald-Cypress forest of Bükkábrány and its Epoch

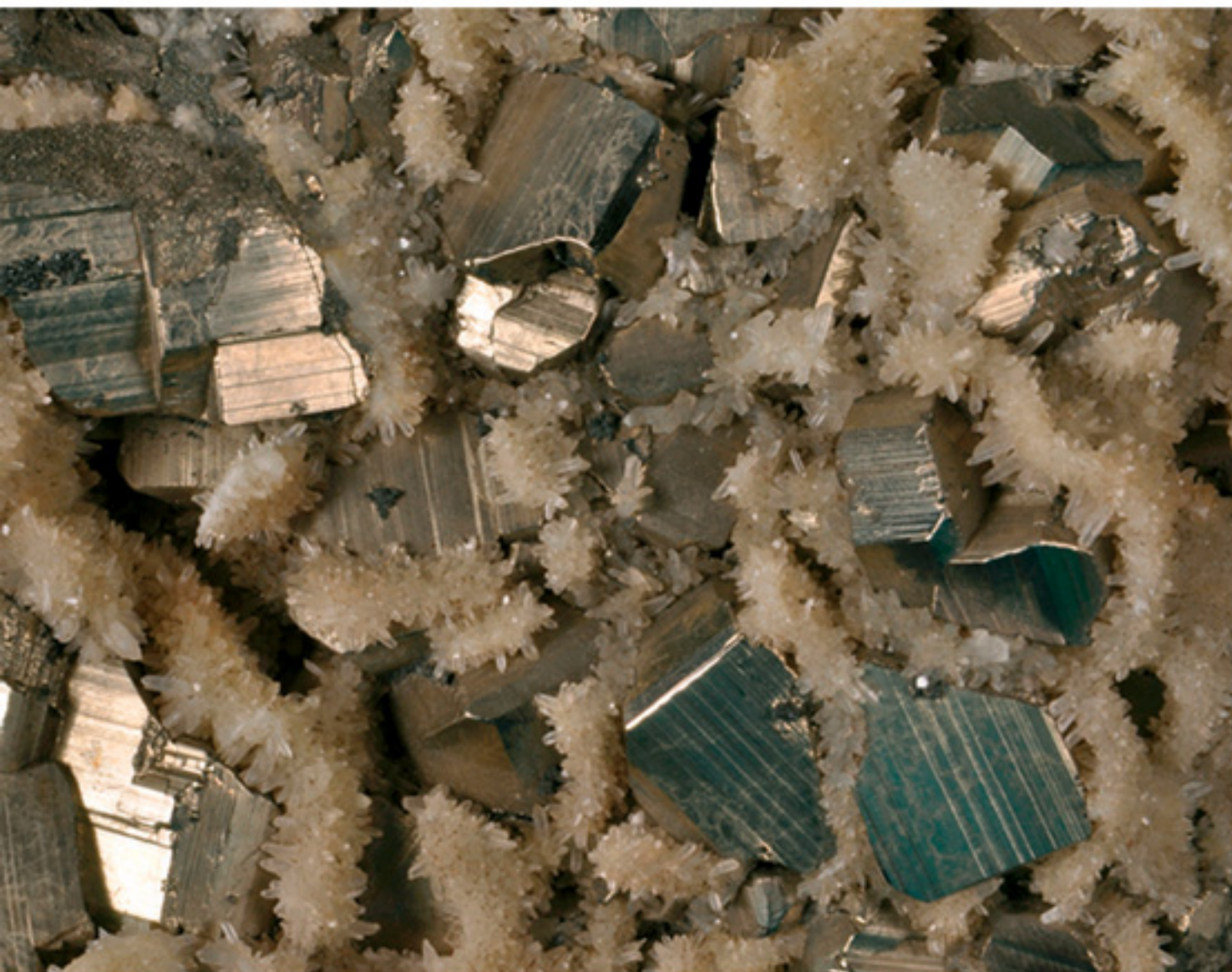




Minerals of the Carpathians

The Carpathians are a range of mountains from Dévény to the Al-Duna with a length of about 1500 km, the area of which is shared among six countries (Czech Republic, Slovakia, Poland, Hungary, Ukraine and Romania). From the 4700 mineral species known in the world, almost 1300 can be found in this region, moreover the number of minerals that were first describe from the Carpathians is about 70.

Due to the regular and methodical improvement, the Herman Ottó Museum possess one of the largest domestic mineral collections. Cross-border specimens are also quite a few in its repertory.



The Minerals of the Carpathians permanent exhibition, which located in the southern block of the Pannon Sea Museum, shows the minerals of the mountain in 2 stores in 140 m² through nearly a thousand specimens, broken down by geographical areas from west to east. Compilation of the material was determined by both scientific and aesthetic reasons. We can encounter minerals, which can be collected even by us on an excursion, but we can also get an inside view of the wonderful world of specimens collected from the depth of mines. Several pieces with international value are displayed here: e. g. rock-salt from Wieliczka, quartz from Banská Štiavnica (Selmezbánya), pseudomalachit from Ľubietová (Libetbánya), mellit from Csordakút, malachite and azurite from Rudabánya, antimonite from Băiut (Erzsébet-bánya), rhodochrosite from Cavnic (Kapnikbánya), andradite from Ocna de Fier (Vaskő) and Dognecea (Dognácska) and precious metal telluride from Săcărâmb (Nagyág). With the help of ultra-violet light, we can peek into the mystical world of illuminating minerals.

Services

Guidance in Hungarian, English and German



Museum educational activities from the age of 5

Registration: Mrs. Marianna Borbély-Melnik

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Mobile: +36-70-943-2914

E-mail: mariannapmt@gmail.com

Conference and screening room

Seats: 80 and 40

Both room is available for rent, ideal for various events e.g. conferences, birthdays etc.

Seminar room

Seats: 15

It can be used for free for educational purposes after previous checking.

Information: Veronika Watah

Phone: +36-46-560-170 extension 102

E-mail: w.verapmt@gmail.com





Opening hours: 10:00-18:00 daily except Mondays

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