

THE HIGHLIGHTS OF 2009 AT THE FERSMAN MINERALOGICAL MUSEUM RAS

Elena A. Borisova

Fersman Mineralogical Museum RAS, Moscow, mineral@fmm.ru

On the 25 September 2009 the meeting devoted to the 125th anniversary of Alexander N. Labuntsov birth (1884 – 1963), the discoverer of the Khibiny apatite deposits (Kola Peninsula, Russia), took place at the Fersman Mineralogical Museum. His daughter, Marina A. Labuntsova, PhD in biology, spoke about his hard course of life and his scientific expeditions. On the same day the exhibition on Alexander N. Labuntsov's scientific contribution was launched at the museum. Self-collected mineral specimens, including fersmanite – the new-discovered and named after academician Alexander E. Fersman mineral from Khibiny massif, and also mineral described by Labuntsov and later named as labuntsovite after him by Evgeny I. Semenov & Tatiana A. Burova, were on the display. Among the other exhibits there are published papers, field-notes, personal tools and recently found in the RAS archives Alexander N. Labuntsov's letters to academician Vladimir I. Vernadsky. The exhibition is on until the end of 2010. The detailed description of the display and newly found documents are expected in the next issue of the magazine "New data on Minerals".

During the 4th Moscow Science Festival held on the 9–11 October 2009 Fersman Mineralogical Museum welcomed over 500 visitors. The museum staff gave a number of free guided tours: "Visiting Hostess of a Copper Mountain" – for the kids, and "Treasures of the Planet Earth" – for everyone.

On the 18 November the museum held the competition "Jewellers – for the XXI century" (nomination "Lapidary Art") organised by Gokhran of the Russian Federation and National Collection Centre supported by Ministry of Culture of the Russian Federation and Presidential Culture Council, in commemoration

of 290th anniversary of the State Precious Metals and Gemstones Repository of the Russian Federation. Lapidary and carvers from Moscow (Jewellery house "Aristocrat"), St.-Petersburg (Regional association "Art Lapidary Union", "GRINGOR" Ltd., "Petrozoloto", "Russian gems") and Yekaterinburg (Jewellery house "Moiseykin" and Ilya Borovikov Urals lapidary) took part in the competition. The jury noted an art values and fine performance technique of the pieces by masters from St.-Petersburg – Alexander Levental (art-piece "Angel"), Sergey Shimansky ("Time"), Sergey Falkin ("Jazz"), Anton Ananyev ("Desire"), and also interior clocks by "Moiseykin" jewellery house – "Warrior" (lapis and other decorative stones, cut diamonds, rubies set in gold, silver, brass), "Wood-grouse" (different types of jasper, cut diamonds set in gold, silver etc.), and also carved art-pieces by Ilya Borovikov Urals lapidary – soldier of Napoleon army (chess-)figures and Alexander V. Suvorov small sculpture (jasper, chalcedony, cacholong, agate, black nephrite, chrysoprase, precious metals and gemstones; height – 31 cm). The final information on the awards granted will be published on www.investinart.ru.

The new museum book "Art in stone" is to be published in the near future (Moscow: Altum, 2009. 72 pages, 131 colour photographs). The author of a project – Elena L. Sokolova, scientific editor – professor Margarita I. Novgorodova. The colourful album contains articles on the decorative and ornamental stones from the Fersman Mineralogical Museum collection and private collection of Anatoly N. Korobkov, well-known lapidary and carver, the chairman of the stone society. The album is intended for a general public.

**FERSMAN MINERALOGICAL MUSEUM
OF RUSSIAN ACADEMY OF SCIENCES PUBLICATIONS**



EPIGENETIC LOW GRADE METAMORPHISM AND Co-Ni-Sb-As MINERALISATION IN NORILSK ORE-FIELD

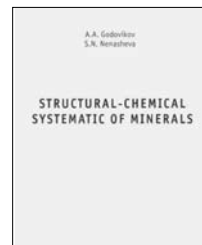
By Ernst M. Spiridonov & Yulia D. Gritsenko. 2009. 218 pp. Published by "Nauchny Mir", (in Russian)

The book is dedicated to the problem of regenerated ore concentrations at ore deposits - the problem of interrelations between metamorphism and ore-forming process. The work highlights the origin of the Co-Ni antimony and arsenic mineralisation at Norilsk ore-field that comprehends various types of endogenic mineralisation. It was determined that the parameters of the metamorphic-hydrothermal Co-Ni-Sb-As mineralisation, formed 80-100 Ma later than the trapp formation, corresponds to zeolite facies of metamorphism. This mineralisation together with carbonates, hematite, sulfides of Zn, Pb, Cu, Ni, Mn, Ag, Bi, Cd, Sb, selenides of Pb, Ag, native arsenic, silver, bismuth, uraninite is a miniature five-element formation, first discovered at Norilsk ore-field.

STRUCTURAL-CHEMICAL SYSTEMATIC OF MINERALS

By Alexander A. Godovikov & Svetlana N. Nenasheva. 2007. 196 pp. Published by Fersman Mineralogical Museum.

The classification tables are complemented by the new mineral species that were discovered during 1994 – 2006. The formulae of some mineral species were corrected and some mineral species were transferred to some taxons according to new data on their chemical composition or crystal structure. The classification tables include nearly 4500 mineral species.



STRUVE COLLECTION: MINERAL DRAWINGS ALBUM

A Treasure of the Fersman Mineralogical Museum RAS

By Nina A. Mokhova, edited by Margarita I. Novgorodova. 2005. 100 pp. Published by Fersman Mineralogical Museum.

The book is the first published of the Album of Drawings of the famous mineral collection which was made by outstanding Russian diplomat Heinrich Christopher Gottfried von Struve (1772 – 1852).

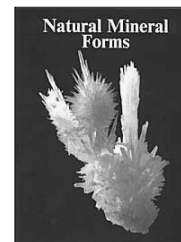
NEW DATA ON MINERALS. Volumes 41, 42, 43

Three new volumes (vol. 41 – 43) of the oldest Russian scientific magazine published by Fersman Mineralogical Museum RAS are recommended to everyone interested in mineralogy. They contain articles concerning new minerals discoveries and new finds, new information on the mineral collections and museum exhibitions.

NATURAL MINERAL FORMS

Edited by Margarita I. Novgorodova. 2003. 64 pp. Published by Fersman Mineralogical Museum.

The book includes systematization and description of the various mineral forms known in nature. This is the first published well-illustrated book which tracks evolution of the crystal perfection over different mineral-forming conditions. The crystals range from almost ideal to highly imperfect ones which could be attributed to mineral aggregates as well as single crystals. The shapes of minerals formed in different media (gas, liquid, viscous, solid) are also considered.



To order these publications visit web-site: www.minbook.com or e-mail: minbooks@online.ru