

Dear friends!

We are glad to present to your attention the next issue of almost the only in Ukraine scientific journal of geological and gemological direction – «Precious and decorative stones».

This issue presents materials on complex gemological, chemical, physical, and optic microscopic studies of a rare gemstone - garnet grossular-pirop-spesartin composition with the color change effect and asterism.

The materials concerning the study of the problem of genesis and geography of origin of natural emeralds are meaningful, the main types of their inclusions are given. On the example of established protogenetic, syngenetic, epigenetic, and secondary inclusions in natural emeralds it is shown that there is a possibility to determine the localization of their deposits, and the use of the genetic classification of inclusions to determine the genesis and geography of emerald deposits is substantiated.

This issue of the magazine presents an article on jasper from the Ukrainian Shield. Here are the gemological and geological characteristics of the jasper of the Ukrainian Shield, its main colors and texture varieties, information about which will be useful for further development and use of this natural stone.

Specialists of the SCCU analyzed the current state of the amber market in Ukraine and other exporting countries, provided information on reserves, deposits, mining of this mineral, described ways to implement it, studied the dynamics of the amber market in recent years, problems and trends.

We offer to get acquainted with interesting materials of Mukendi Baloji Emmanuel and Peter Nikolaevich Baranov on the results of the expedition organized by the State Company MIBA and the Canadian company GBJ CONSULTING LTD, the purpose of which was to assess the prospects of alluvial-deluvial deposits of the Kasai River.

Results of the panel discussion on the topic "The current state of supervision over state regulation of the quality of construction materials", held by the Association of Manufacturers of Building Materials in the framework of the International Construction and Interior Exhibition «KyivBuild Ukraine 2021». These results were devoted to the practical implementation of the provisions of the Law of Ukraine "On the provision of construction products on the market", adopted by the Verkhovna Rada of Ukraine in September 2020 and clarify by the head of the research laboratory of the SGCU Sergienko I.A.

We wish you a pleasant acquaintance with the presented materials and remind you that the editors of the magazine «Precious and Decorative Stones» invites to cooperate scientists, teachers, graduate students, specialists in the field of gemology, geology, culturology, and commodity studies of precious and decorative stones and accepts original and valuable from a scientific point of view, materials that correspond to the concept of the magazine and its thematic focus.

Regards

Editor-in-Chief

of the magazine «Precious and decorative stones»

Oleg Geleta