

## ■ "GEMMA" MINERAL SHOWS, 2014

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**Photo by M.B. Leybov**  
if other is not mentioned.

"**G**emma" mineral shows (VDNKh, Moscow, October 4–5 and December 6–7) were exciting because of novel mineral findings. Magnificent bright specimens with large crystals of **azurite**, and spherulites and kidneys of **malachite** from the Kamenushinskoe deposit, Salair Ridge, Kemerovo oblast, presented by Kseniya Berdysheva and Vladimir Lednev were the hit of the season. The first specimens from this location appeared a year ago and have pleased mineral amateurs with their new complex forms ever after. It is obvious that the Salair malachite is the best in Russia over the last fifty years. Unusual light blue and greenish light blue **gibbsite** as crusts and spherulites on limonite is found with the malachite and azurite. The crystals of azurite overgrowing aggregates of tender blue gibbsite are especially showy. Unfortunately, these specimens are extremely rare.

The new specimens from the Rubtsovskoe base-metal deposit, Altai, could be seen on the same table. This deposit, which is glorified all over the world for its crystals of cuprite and dendrites of native copper, also pleases with its novel beautiful specimens. There are acicular crystals of **malachite** associated with very bright crystals of **azurite**, yellowish lamellar twins of **cerussite** associated with mustard-yellow powderlike **beaverite**, and the rarest iodides **marshite** and **miersite**, which are a unique "visiting card" of the Rubtsovskoe deposit.

Many visitors were astounded by the huge (23 cm across) crystal of nearly black Ti-bearing **garnet** (melanite) from the Odinchikha alkaline Massif at the Kotui River



1. **Aragonite**: corallite aggregate from a karst cavity. 45 x 35 x 20 cm. Trolgubas okrug, Chimkent, South Kazakhstan. S.I. Golomolzin specimen.



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2. **Fluorite** of two generations. 10 x 5 x 6.5 cm. Khurai deposit, Dzhida district, Buryatia, Russia. *Russian Minerals* Company specimen. Photo by B.Z. Kantor.

3. Antiskeletal crystal of **fluorite**. 8 cm. Khurai deposit, Dzhida district, Buryatia, Russia. Specimen and photo by B.Z. Kantor.

4. Cluster of **pyrite** concretions. 5 x 4.5 x 4.5 cm. Dzheganas River, Karachay-Cherkessia, North Caucasus, Russia. V.V. Levitsky specimen. Photo by B.Z. Kantor.

5. **Whewellite**. 12 x 10 cm. Pshekha River, Krasnodar krai, Russia. V.V. Levitsky specimen.

6. **Cerussite, beaverite**. 5 x 6 cm. Rubtsovskoe deposit, Northwestern Altai, Russia. V.S. Lednev specimen.



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