

MALACHITE AND AZURITE FROM THE KAMENUSHINSKOE DEPOSIT

All specimens:
Kamenushinskoe deposit, Guryevsk
district, Kemerovo oblast, Russia.

Photo by M.B. Leybov.

1. Aggregate formed by bunches of
concentric kidneys of **malachite** and
crystalline crusts of **azurite**. 7 x 6 cm.
O.S. Bartenev specimen.

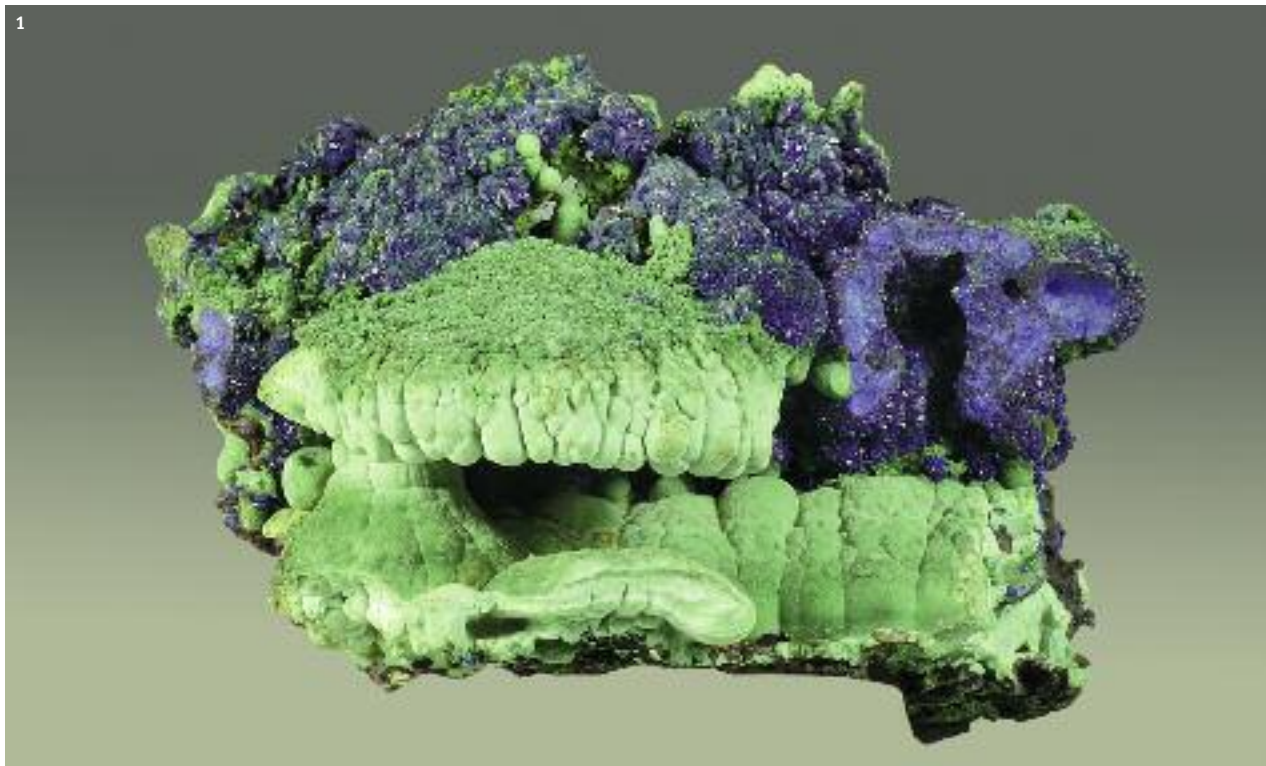
This wonderful discovery occurred in late summer 2013. Good luck befriended Ruslan Lebedev and Kseniya Berdysheva, collectors from Novosibirsk.

Admirable specimens of malachite and druses of azurite crystals appeared in the autumn of the same year at "Gemma" Moscow show. For sure, they instantly caught the attention of collectors and specialists, because after the abandonment of the famous Ural deposits, Russian malachite nearly disappeared from the market and azurite of such quality is extremely rare in our country.

At that moment, the geographical location was not reported to avoid competition for the discoverers. One year later, they "spilled the beans" as they had promised.

Malachite and azurite occurred in the open pit of the Kamenushinskoe deposit belonging to the Salair group and was mined some years ago. It is located in the Guryevsk district, Kemerovo oblast. Oleg Bartenev, who visited the deposit in August 2014, said that they were lucky: he and Vladimir Lednev produced wonderful specimens from the dumps in two days. However, outcrops of malachite and azurite were not found.

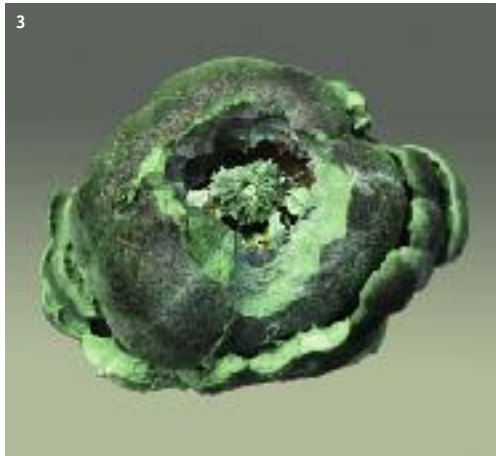
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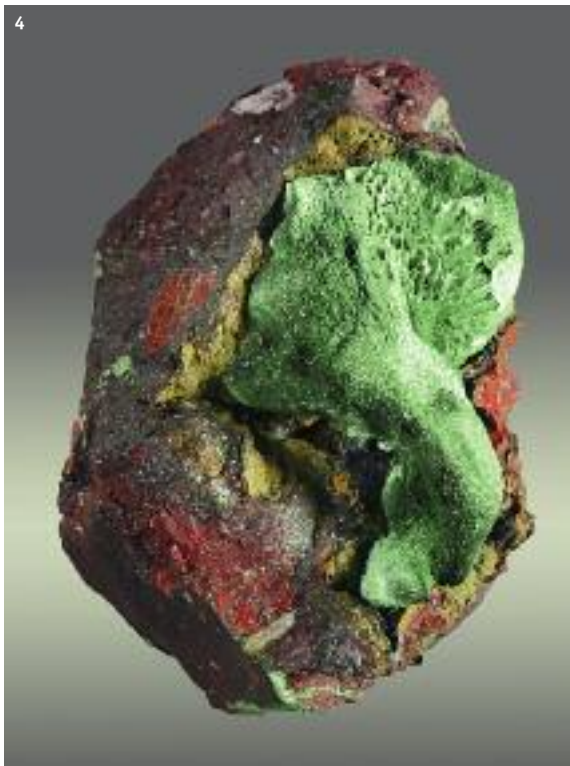
2. Pseudostalactites of **azurite** in limonite geode. 9 x 8 cm. O.S. Bartenev specimen.

3. Complex hollow kidney of **malachite** growing around pseudostalactite composed of two early generations of malachite. 4.5 x 4 cm. O.S. Bartenev specimen.

4. Aggregate of split fine-columnar crystals of **malachite** within a cavity in limonite rock. 8 x 5 cm. *Russian Minerals Company* specimen.

5. **Malachite**: complex kidney on concentric crust. 8 x 10 cm. O.S. Bartenev specimen.

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