

## **The precious Metallo-Copper-Ore Formation of the Eastern European Platform**

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The precious metallo-copper-ore formation (PMCOF) selected in the settings of the cupriferous sandstone and shale formation has a wide development in the western and eastern sectors of the eastern european platform, which were underwent by the tectonomagmatic activization (TMA) in Hercynian, less in Baikalian times. In structuro-tectonic attitude its placing is controled by the edged parts of the avlakogenes, and its formation is put in touch with the cycles of the differentiated sinkings and inversion.

Appreciating the development of the PMCOF in the TMA regions, it should emphasize their natural grouping into two arched belts: 1) Pechyorsko-Sakmarskian, 2) Donetsko-Pridnestrovskian.

As following from petrographic and meneralogical peculiarities it is distinguished the Mansfieldian, Vyatskian and Cargalinskian mineral types (MTs). The Mansfieldian sulfide MT is presented by chalcopyrite-bornite-chalcocite mineral association (the North-Uralskian, Vyatsko-Kamskian, South-Uralskian, Donetskian zones). The ores are characterized by the scatted and fine-dispersed distribution of copper sulfides. It is established the commercial concentration of platinoids. The Vyatskian oxide-carbonate-sulfide MT is presented by the chalcopyrite-covellite-digenite-chalcocite mineral association (the Bashkirskian, Permskian, Vyatsko-Kamskian, Pridnestrovskian zones). The Cargalinskian sulfide-oxide-carbonate MT is presented by the chalcocite-cuprite-malachite and cuprite-azurite-malachite mineral associations (the Timanskian, South-Uralskian, Vyatsko-Kamskian zones). It is established the commercial contents of silver, gold, platinoids.