

## LETTERS OF THE COMMISSION ON MANGANESE (IAGOD)

### PROGRESS REPORT ON RESEARCH IN MANGANESE ORE DEPOSITS OF ROMANIA (1971—1972)

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In the last two years geological, mineralogical and geochemical investigation of the Romanian manganese ores continued only for the East Carpathian metamorphic deposits, the only ones with present commercial value.

For the recently identified Iacobeni kutnahorite, chemical, X-ray, DTA, optical and IR analyses are given by BĂLANC.

Carbonates (rhodochrosite-ponite), pyroxenes (rhodonite-pyroxmangite) and garnets (spessartine) from Șarul Dornei were analyzed by POPA. The same author has investigated statistical correlation between Mn, Fe and minor elements (Ni, Co, Cr, V, Mo, Cu, Zn, Pb) in the manganese ores of the deposit, volcanogenous — sedimentary premetamorphic origin being substantiated. Smaller ore deposits were also studied: Dadu Mt. (IDRICEANU *et al.*) is the northernmost deposit of the Bukovina and Borca (ZLATAROVA—MUREȘAN) is the southernmost one. Their geochemical characteristics were emphasized, mainly by graphical methods. Metamorphic manganese ores of the same type as in the Bukovina, were identified and described in the Maramureș by CIORNEI.

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