CONTENTS

Materials of IX Congress of the Ukrainian mineralogical society

Kulchytska H.O., Pavlyshyn V.I., Chernysh D.S. Such difficult science mineralogy ............................. 5

Vyshnevskyi O.A., Kvasnytsya V.M., Zhuk O.M., Gurnenko I.V. (Fe, Mn)-garnets, tourmaline, staurolite and epidote from Bilokorovychy conglomerates (morphology, chemical composition, mineral inclusions) .... 14

Vozynak D.K. Autunite of Polokhivka petalite deposit (Ukrainian Shield) .............................................. 21

Kvasnytsya V.M., Vyshnevsky O.A., Stepanyuk L.M., Zhuk O.M. Zircon from Bilokorovychi proterozoic conglomerates (Ukrainian Shield) ................................................................. 26

Kvasnytsia I.V. Rhombohedron \{011\} on crystals of marmarosh «diamonds» (Ukrainian Carpathians) .......... 32

Kychan N.V. Surface sculpture of nickel iron grains of the Gruz'ke chondrite (H4) ................................. 36

Koval'chuk M.S., Kroshko Yu.V., Shestakow O.Yu. Gold, silver and copper in the weathering crust of the Yurivka gold deposits .................................................................................................. 39

Koval'chuk M.S., Sukach V.V. Typomorphic features of native gold from ore-containing rocks weathering crusts of the Sura greenstone structures ........................................................................ 43

Kryvdik S.G., Sharygin V.V. New data on mineralogy of malignite from Pokrovo-Kyriivvo massif (Azov area, Ukraine) .............................................................................................................. 46

Krynytska M.V., Melnichuk V.G. The history of Polissya amber researches .............................................. 52

Kroshko Yu.V. Ilmenite content in the weathering crust and Lower Cretaceous continental deposits within the upper paleoflow of the Lebedyn-Balakliv paleovalley (the central part of the Ukrainian Shield) .... 56

Lupashko T.M., Ilchenko K.O., Grechanovska O.E. Fluorite from rare-metal deposits of Suschany-Perga tektonic zone (Ukrainian Shield): crystal chemistry and genetic features .................................................. 61

Matkovs'kyi O.I., Pavlun M.M. Genthelvite and petalite — a vivid example of the new minerals potential involving in practical use .................................................................................................. 70

Matkovs'kyi O.I., Pavlun M.M. Development of mineralogical-genetic studies at the Ivan Franko National University of Lviv during the years of the Ukraine independence ....................................................... 75

Melnichuk V.G., Melnichuk G.V., Polishchuk A.M. The Volyn-Podillya zeolite-smectite tuffs usage in pollution-free production ................................................................................................. 83
Petruniak H.M. Hydrocarbons and morphology of the aggregates and the crystal individuals 88
Polishchuk A.M. Mineral resources of the trap formation of northern part Volyn-Podolian monocline 92
Prokopets V.V., Shoeva T.V., Yushytsyna Ya.O. The Pamirs gem-stone knots (Tadjikistan) 98
Yatsenko G.M., Bekesha S.N., Yatsenko I.G., Fedchun A.S. Fluid-explosive manifestations and features of the Forecarpathians minerageny 103

Chronicles

Jubilee of V.D. Yevtekhov 109
The 10th Yevhen Lazarenko scientific readings 114

Congratulations 118

Presidium and Council of the Ukrainian Mineralogical Society informs

Supplement to the List of full members of UMS 119

From mineralogical collections

Kvasnytsya V.M., Naumenko E.V. Groutite crystals from Zavallya graphite deposit (Ukrainian Shield) 120