

THE SOLAR SYSTEM BODIES: FROM OPTICS TO GEOLOGY (2008)

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The crystal shield that constitutes part of Ukraine is particularly suited for preservation of the explosive features of cosmic bombardment. Seven impact craters (astroblems) have been identified in that shield. The oldest of these (with age of about 400 million years), ILLINTSI astroblem, located near the town of Illintsi in the County of Vinnytsia, has been studied assiduously by geologists, geophysics, and astrophysics for several decades. The original diameter of this crater is estimated at more than 7 km, with depth of more than 800 m. The schematic open-cast profile, the schematic geological map and review of main characteristics of Illintsi's astroblem

are given. On 1999 the governmental agency "Stamps of Ukraine" had issued a stamp "Star Wounds of the Earth – 400 million years of the Illintsi astroblem" to commemorate an event of 400 million years ago. The stamp depicts an asteroid impact in central Ukraine whose traces remain to this day. The one of authors (V.N.K.) would like to present stamps, first day covers (Kyiv-1, 1999) and commemorative cancellations (during International Conference CAMMAC-1999, Vinnytsia) for participants of the Meeting.