

RULES AND PROBLEMS OF EXTRATERRESTRIAL CARTOGRAPHY BY EARTH TOPONYMY EXTENSION ON EXTRATERRESTRIAL TERRITORIES

Geographical toponymy exists officially in international society for a long time. Today the UNO Special Commission is responsible for the main regulation in this field. Detail nomenclature of Solar System surface bodies is the continuum of names officially given for extraterrestrial territories or some objects on them. It includes a proper name and the terms classifying this relief formation or any albedo region. The International Astronomical Union (IAU) is historically busy with this problem. Today all the using terms is possible to divide in three groups, namely the terms which are identically to the earth terms, then the terms for relief forms which don't exist on the Earth (some of them are found on several other bodies, some are the only one in their existence), also the terms which designate no relief form but some specific phenomenon (albedo details) or terms which are connected with some tradition (Mare, Lacus etc. on the Moon). The next flights and new data will bring some correction in this system. The third group contains albedo details and also some terrae and regions which are not exactly relief forms but details of planetary landscapes. The investigation and systematization of the whole material are given some results, but also formulated some questions. The IAU is busy with astronomical problems and has not a lot interest in cartography and geodesy, in geology and geomorphology on extraterrestrial bodies. It seems the IAU to go after tradition naming asteroids and comets. But according to extraterrestrial territories it is the task of other specialists from the other Unions and Associations. It is necessary to mention the very important role of these names because they must reflect the history and culture of mankind. It is very important to use the knowledge of philosophers, historians and other specialists for advice and corrections in this field. It is time to organize such a common group in frame of International Cartographic Association.

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