

*Materials of Conferences***ABOUT INTEGRATION
OF EDUCATIONAL STANDARDS ON
PALEONTOLOGY, STRATIGRAPHY,
SEDIMENTOLOGY AND ANALYSIS OF
PETROLIFEROUS PALEOSTRUCTURE**

Ozhgibesov V.P., Miroshkin E.V.
Perm State University, Perm
e-mail: vladozh@dom.raid.ru

Educational standards for students-geologists on paleontology at various universities are close, as have the general basis: paleontological classification of fauna and flora and the characteristic of geological age of fossils. Programs and educational standards are pull together also with the decision of the general theoretical and practical problems: investigation of geological age of rock, conditions of sedimentary rock and a role of fauna and flora in their formation. Important information for studying paleontology in system of geological sciences gives stratigraphy, which orders specimens on stratigraphical scale.

Most part of educational standards for stratigraphy are common for all students-geologists. General stratigraphy are studying history of stratigraphy as fundamental geological science, methodological principles of stratigraphy, studying of the general, regional and local stratigraphical scales, and also studying of methods theoretical stratigraphy and practical receptions of the description of geological sections. Distinctions in requirements to standards and curriculums are caused by features and distinctions of the Global International Stratigraphical Scale (2004) and, national stratigraphical

scales, for example, Eastern European Common Stratigraphical Scale, published in the third edition of Stratigraphical Code of Russia (2006).

Stratigraphical reference points (the general, regional and local) are the fundamental basis for the formulation and the decision of problems of oil geology in a rate of historical tectonics of local petroliferous structures and the analysis of paleostructures. Sedimentology of strata and lateral variability of sedimentary rocks has very important role for investigations of petroliferous paleostructures and for the analysis of paleostructures.

Problems of lithological description of the sedimentary rocks, solved by students-geologists at the Perm University, lean on classical Russian schemes of the description of sedimentary rocks. However in the decision of problems of the oil geology, connected with construction of cards of capacities and cards geological classifications of sedimentary rocks by R.J. Dunham (1962) are even more often used. Tendencies to rapprochement of techniques of the description of sedimentary rocks, their mutual filling and enrichment are outlined in this area. Consequently, the tendency of change and rapprochement of the international educational standards for lithology, sedimentology (analysis of geological facies), related subjects distinctly are recognising.

The work is submitted to Scientific Conference «The Problems of International Integration of Educational Standards», (England (London)–France (Paris)), 23 April – 1 May, 2010, came to the editorial office on 24.02.2010.