

Evolution Tectonic Faults of Southeast Part Gornij Altai

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During works of geological mapping of Kurai intermontane hollow and its frame in a southeast part of Republic Altai the attempt of creation of a regional scale evolution tectonic faults was undertaken. The theoretical preconditions and practical recommendations of researches have been developed by the doctor K. Plusnin and verifications in many regions of Russia.

On the foundation of researches are fixed a principle of originality and individuality system faults to a structural-kinematics attribute and principle on definition of relative age of geological formations on their mutual relation. The age of the basic systems faults became attached to regional stratigrafic scale by supervision over their prevalence in paleontological characterized sediments and disappearance on the certain geological boundaries, including on regional structural borders.

In result were revealed and nine basic system tectonic faults are dated. Despite of morphological difference in different parts of geological sections each of the allocated systems tectonic faults is strictly individual on specific set structural and kinematics of the characteristics. Use of an evolutionary row of systems tectonic faults has allowed to receive new given about a history of geological development of Altai region, to make definition of relative age intrusive, metamorphic and sediment rocks. The practical value of researches considerably will increase at creation of more detailed evolutionary row tectonic faults.