

## **THE OROGENESIS AROUND BLACK SEA AS A PHENOMENON OF A COLLISION PROCESSES IN A ZONE OF THE CLASH OF THE ARABIAN AND EUROASIAN PLATES**

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The orogens rounding the Azov-Black Sea basin, on its constitution, consists of two main types: The I -st type - they put in limits of flysch troughs, formed at final stage of Mesozoic closing. It may be characterised by a structure of a typical Kober orogene, generates a stable macrostructural paragenesis: mountain-building - axisymmetrical orogenic troughs (there are: the Stará Planina, south-east ending of the Crimea Mountains, Northwest and Southeast Caucasus). The II-nd type - are the asymmetric collision orogens (orogens by Argand). In a macrostructural plan it is distinguished by practical absence of orogenic troughs. The orogens of (axisymmetrical) were put in place as isostatic buildings within the framework of period of development Cretaceous-Eocene flysch troughs. It is compensating in back of suture of secondary subduction at the last stages of the Mesozoic closing and absorption of a suboceanic crust of the margin sea. The asymmetric (collision) orogenic buildings are included the segments of continuing collision relationships between the Arabian and Eurasian plates.