

Structural Axial Symmetry of Earthen Shell.

MAKARENKO, G.F., General Phys. Inst., RAS, Moscow, Russia.

Structural axial symmetry of earthen shell rejects universally adopted "plate tectonics". The discovery of symmetry is connected with tracing of ocean ridges. I made a supplement (1993): ocean - onland ridges are the same. Cover basalts are the key. The pattern of global seams of different ages is clear, since I have revealed tectonic status of cover basalts (author's books 1978, 1983, 1993, 1997). Deposit series containing lava are fixing lava's tectonic position. The series restore the structures of times of lava forming. Cover basalts are final effusions of geotectonic (geosyncline) cycles. Lavas are lying always over the orogenic series, they are preceeding to rifts (taphrogenesis). Cover lavas are born at fold zones (arcs) backsides. At arc fronts there are fordeeps. On rear lavas young geosyncline may be born anew. The next fold zone has larger or smaller radii; i.e. the arcs are joining or separating to smaller ones (cycle's activity). The closing of fold zones (arcs) of any scale by their fronts leads to their spread over by basalts from both sides. Thus the oceans are arising with their late rifts along the closing zones (arcs). The axial symmetry must be considered as a "manifest verity". It is sufficient to have global geographic and geologic maps only. Twins are as follows. Urals = Cordilleras (60E=120W); from 60°lat to W: Timan = Alaska ridges; to NE: N Urals-New Land Taimeria = Cordilleras-Bear-Innuitian folds; 40°lat to SW: Balchan-Apsheron-N. Anatolia-Atlas-Mauritain = Mendosyno-Mapmaker; 40°lat to E: Kopetdag-Hyndukush-Pamyr-Tyanshan-Kuruktag-Hangay-Yablonovoy-Stanovoy = Coastal-Transvers-Colorado-Whinta-basement arcs Kewino-Appalachians-Adirondak-Greenwil front-fault Bight; 40° lat to SE: Karakorum-Kuenlun = Sangre Cristo-Vichyta-Ouashyto; 40°lat to SSE: Hymalaians = Lyano-Edwards-escarp Sigsby; 30° lat to S: ridges Cambey-Indic = Californian bay-E Pacific, etc.