



Geologic Field Trips in Northern Oregon and Southern Washington (Classic Reprint) (Hardback)

By John D Beaulieu

Forgotten Books, 2017. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Geologic Field Trips in Northern Oregon and Southern Washington The geology of Oregon is as varied and fascinating as that of any state of the Union. East of Portland lies the north-south trending Cascade Range, a snow-capped volcanic pile. Farther east lie flood basalts, batholithic highs, and Basin and Range terrain. West of the Cascades the interaction of land, sea, and volcanism has left a challenging geologic record. In tune with geologic developments around the world, the plate tectonic model is finding increasing application to the geology of the State of Oregon. The imbricate thrust complex of Mesozoic rocks in southwestern Oregon has been attributed to sea-floor spreading, and recently the enigmas associated with the Colebrooke Schist have begun to yield to analysis in terms of the new tectonics. Recent work in the Tertiary units about the periphery of the Klamath Mountains may soon lead to an even more accurate appraisal of the age and nature of the later stages of plate tectonic activity in that area. Closer to home, the Coast Range is largely unmapped and is ripe for reinterpretation in...



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