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Pliocene – Early Pleistocene history of the Euphrates valley applied to Late Cenozoic environment of the northern Arabian Plate and its surrounding, eastern Turkey

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22 The Pliocene–Quaternary paleogeography of the Euphrates River valley changed due to
23 sinistral movements on the East-Anatolian Fault Zone (EAFZ) and the Taurus Ridge rise by
24 movements on the South-Taurus Thrust. Evidence of these changes is based on studies of the
25 Pliocene–Quaternary deposits of the Euphrates River basin to the north and to the south of the
26 Taurus Ridge and the Late Cenozoic deformation including offsets on the EAFZ. Combination
27 of methods was used to date the Pliocene–Quaternary deposits. It includes geological and

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