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我国东部晚白垩世和早第三纪海侵与油气关系 [点此下载全文](#)

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摘要:

本文综合我国有关沉积和古生物资料, 尤其对有孔虫的研究和对各门类化石资料的综合分析, 认为我国东部晚白垩世海侵, 晚白垩世海侵主要发生在松辽盆地, 与早期海侵相应的半咸水沉积为青山口组一段, 晚期相应的半咸水沉积为三叠系下统, 与早期海侵相应的半咸水沉积为青山口组一段, 晚期相应的半咸水沉积为三叠系下统, 与其相应的半咸水沉积, 如: 苏北-南黄海盆地泰州组二段和阜宁组, 三水盆地布心组, 始新世晚期到渐新世, 与其相应

关键词: [海侵](#) [沉积](#) [油气藏](#) [晚白垩世](#)

THE RELATION OF LATE CRETACEOUS AND EARLY TERTIARY TRANSGRESSIONS TO HYDROCARBONS IN CHINA [Download Fulltext](#)

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Fund Project:

Abstract:

Did transgressions occur during the Late Cretaceous and Early Tertiary in eastern China? And related to hydrocarbons? The two questions are of interest to many geologists. Through many years of research as well as other fossils such as Dinoflagellates, stromatoliths, Polychaeta burrows, marine ostracods, fishes, the authors hold that in the Late Cretaceous and Early Tertiary there occurred respectively transgression, which resulted in the formation of brackish deposits. They are as follows in ascending order: 1) the Qingshankou Formation in the Songliao basin in the Senomanian; 2) the 1st and 2nd members of the Songliao basin and the Zhutian Member of the Nanxiong Formation in the Nanxiong basin in the Turonian; 3) the 2nd member of the Taizhou Formation and Funing Formation in the Subei-South Yellow Sea basin; 4) the Buxin Formation in the Sanshui basin and the Yuan-Jiang Formation in the Dongting depression of the Paleocene to early Eocene; 5) the Chunhuazhen, Shahejie and Dongying Formations in the Bohai Gulf; 6) the Formation of the Baise basin and Nanning basin in the Beibu Gulf subsidence area and the Qianjiang in the Qianjiang depression of the Jiangnan basin in the late Eocene to Oligocene. These specious are favorable for the generation and accumulation of hydrocarbons, and mostly constitute the main source of Mesozoic-Cenozoic petroleum-bearing basins in eastern China.

Keywords: [Late Cretaceous transgression](#) [Early Tertiary transgression](#) [brackish deposits](#) [hydrocarbon](#)