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渤海湾盆地早第三纪水平面升降和全球海平面升降的不一致性 [点此下载全文](#)

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摘要:

本文通过对渤海湾盆地第三系中半咸水化石纵向分布特点研究,并根据新的地层划分方案,利用古生物-岩相综合分析方法绘制了该地区早第三纪水平面升降曲线,发现半咸水生物出现在水进初期,在最大水进期消失,水平面升降曲线-全球海平面升降曲线无直接关系,即水平面的上升受海平面上升的影响,从而证明此阶段无海侵发生,非海侵观点对于总结我国陆相地层的油气勘探理论及实践具有重要意义。

关键词: [盆地](#) [早第三纪](#) [海平面升降](#) [渤海湾](#) [水平面升降](#)

Inconsistency between Water-Level Change in the Bohai Bay Basin and Eustasy during the Paleogene [Download Fulltext](#)

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Abstract:

By studying the vertical distribution characteristics of brackish fossils in the Paleogene and using the paleontological-lithofacies synthetical analysis based on the new stratigraphic classification, the author has drawn the Paleogene water-level change curve of the Bohai Bay Basin, and found that the brackish biota appeared in the early stage of water transgression and disappeared in the stage of the greatest water transgression. The author has also found that there are no immediate relations between the water-level change curve in the Bohai Bay Basin and the global sea-level eustatic curve, that is, the rise of water level was not influenced by the rise of sea level. All these characteristics show that there was no sea transgression in the Bohai Bay Basin during the Paleogene. The non-sea-transgression theory has important significance for petroleum exploration in the Bohai Bay Basin.

Keywords: [water-level change](#) [brackish fossils](#) [sea transgression](#) [Paleogene](#) [Bohai Bay Basin](#)

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