









- Decapod crustaceans from the Paleocene of Central Texas, USA
- Adam Armstrong¹, Torrey Nyborg², Gale A. Bishop³, Àlex Ossó⁴ and Francisco J. Vega⁵

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ABSTRACT

Fourteen species of decapods crustaceans are described from a single locality near Mexia, Texas, where Paleocene sediments of the Mexia Member of the Wills Point Formation crop out. The species are represented by *Hoploparia* sp., *Linuparus wilcoxensis* Rathbun, 1935, a pagurid palm, *Kierionopsis nodosa* Davidson, 1966, ?*Pithonoton cardwelli* new species, *Caloxanthus* sp., *Macroacaena johnsoni* (Rathbun, 1935), new combination, *Raninoides bournei* (Rathbun, 1928), *R. treldenaesensis* (Collins and Jakobsen, 2003), *Prehepatus* sp., *Marydromilites americana* (Rathbun, 1935), *Costacopluma texana* new species, *Paraverrucoides alabamensis* (Rathbun, 1935) and *Viapinnixa mexiaensis* new species. Morphological details unknown for previously described species are included. Actualized systematic placements are offered based on recent research. The first case of intraspecific morphological variation for a fossil species is documented for the goneplacoid crab *Marydromilites americana*. *Costacopluma texana* is the second Paleogene species of that genus in southeastern USA, and because of its

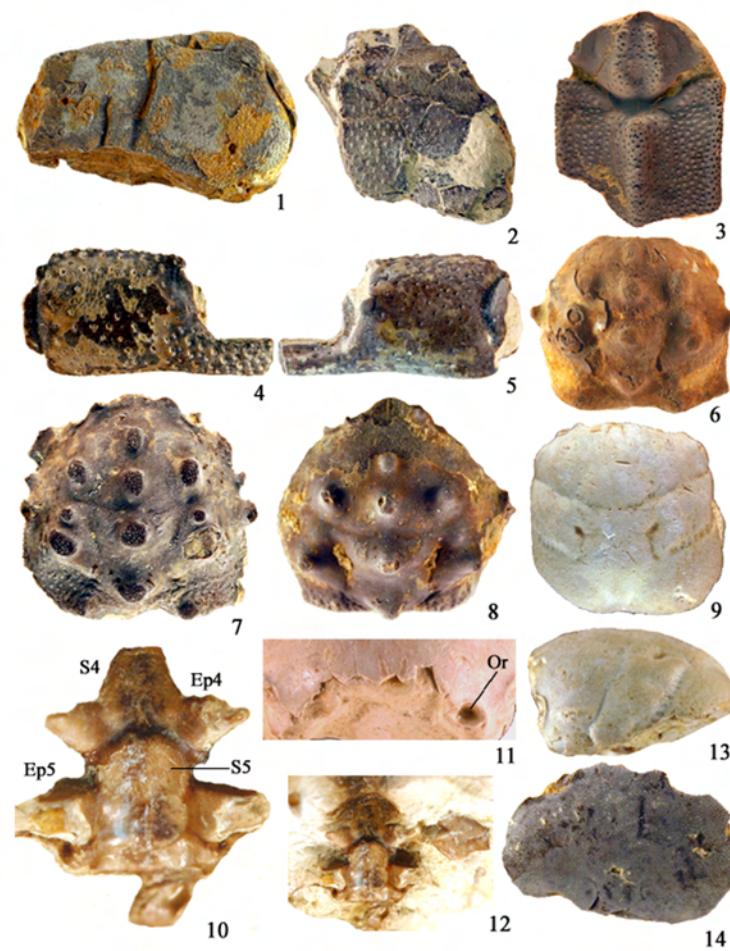
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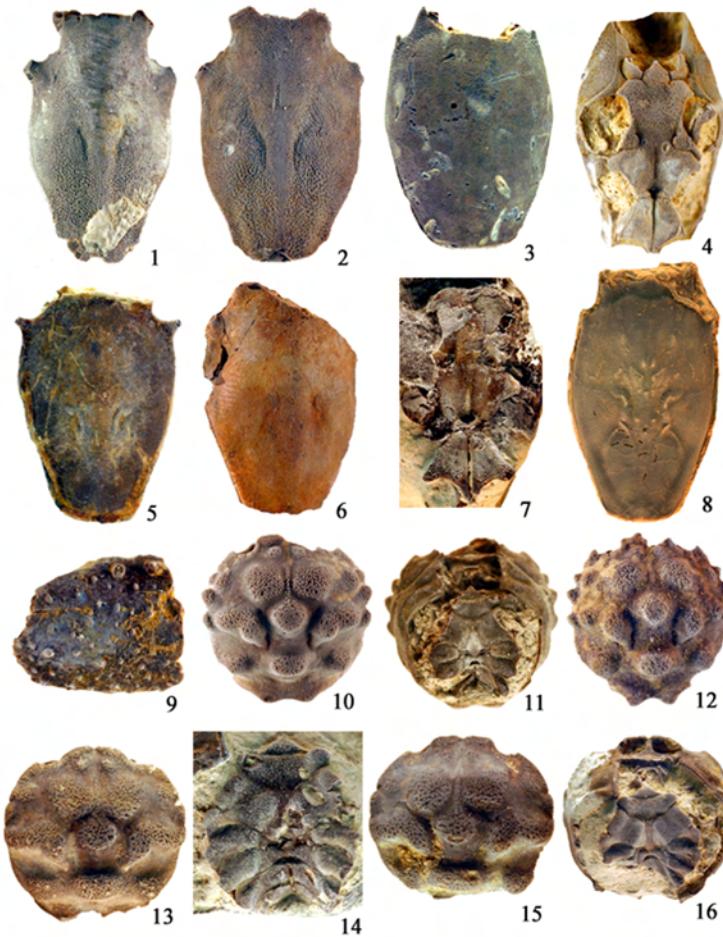
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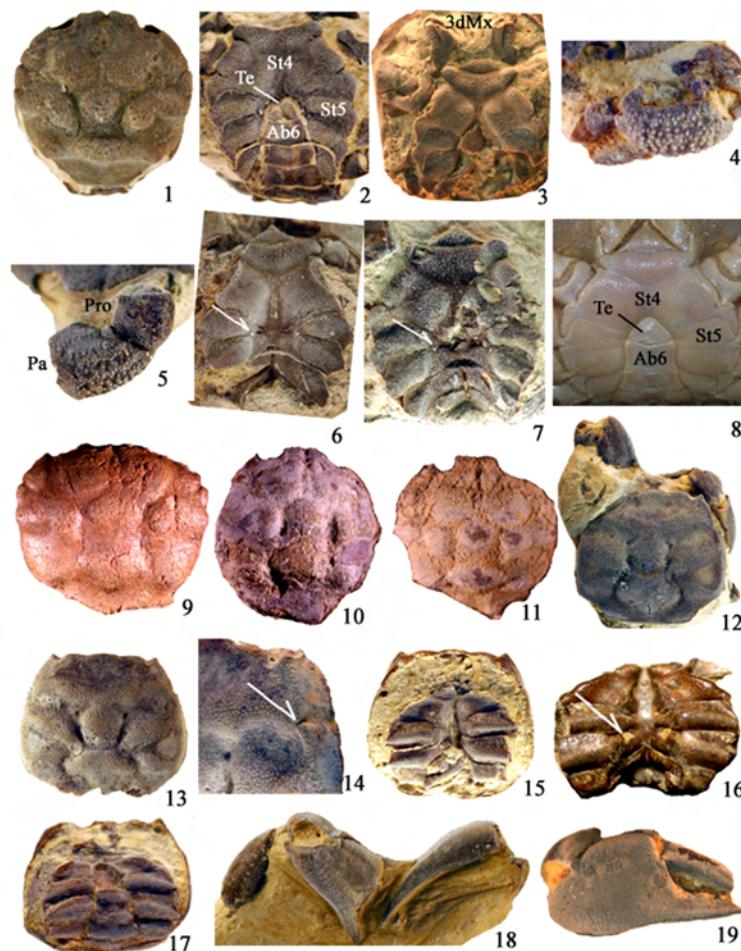
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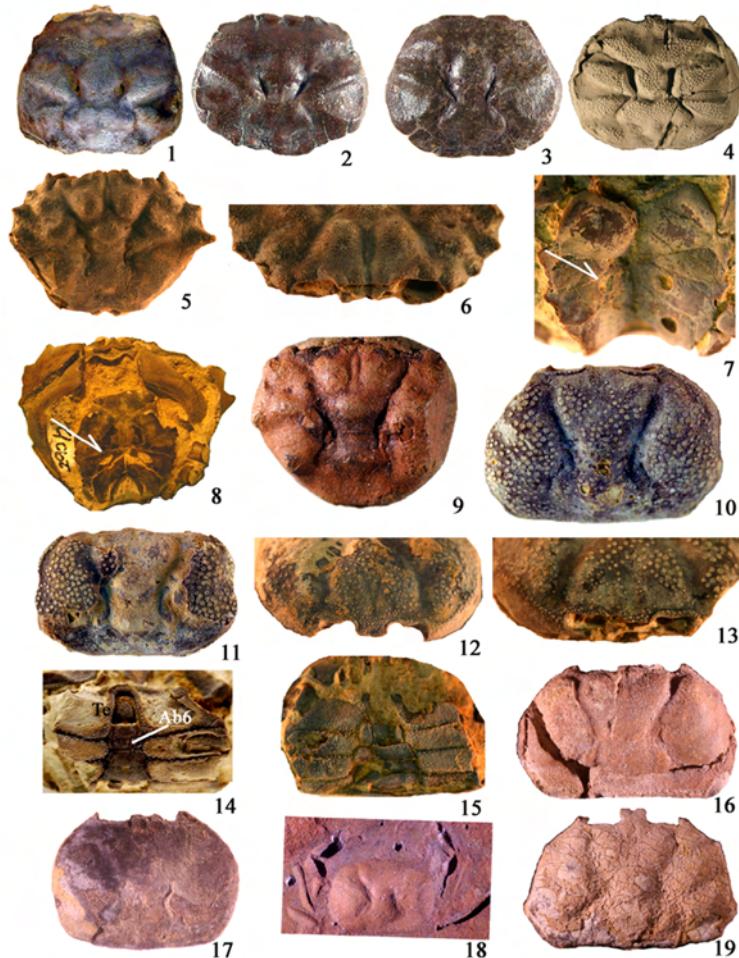




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