



Acknowledgements

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Dansk Sammendrag

Fossile krebsdyr er generelt sjældne i de fleste danske Palæogene aflejringer. Koralkalken i Fakse kalkbrud rummer imidlertid en rig fauna af krebsdyr, især do-mineret af anomure og brachyure krabber.

I arbejdet beskrives en ny slægt og fire nye arter: *Faxegalathea platyspinosa* gen. et sp. nov., *Homolopsis spinigera* sp. nov., *Eohomola affinis* sp. nov. og *Xanthosia gracilis* sp. nov. Krabbefaunaen fra Fakse-kalken omfatter i alt 20 arter, som er placeret i 15 slægter fordelt på 8 familier.

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Plate 3

- Fig. 1. *Titanocarcinus subellipticus* (Segerberg, 1900), MGUH 24375, siliconerubber cast of external mould of carapace, dorsal view, $\times 2$.
- Fig. 2. *Titanocarcinus faxeensis* (von Fischer-Benzoni, 1866), MGUH 24376, siliconerubber cast of external mould of carapace, dorsal view, $\times 5$.
- Fig. 3. *Cyclocorytes incertus* (Segerberg, 1900) MGUH 24377, siliconerubber cast of external mould of carapace, dorsal view, $\times 5$.
- Fig. 4. *Dromiopsis laevior* Reuss, 1859, MGUH 24378, dorsal view of internal cast of carapace, $\times 1.5$.
- Fig. 5. *Dromiopsis elegans* Reuss, 1859, MGUH 24379, dorsal view of internal cast of carapace, $\times 2.5$.
- Fig. 6. *Plagiophthalmus depressus* (Segerberg, 1900), MMH 266, dorsal view of internal cast of carapace, $\times 5$.
- Fig. 7. *Dromiopsis rugosa* (von Schlotheim, 1822), MGUH 24380, siliconerubber cast of external mould of carapace, dorsal view, $\times 1.5$.
- Fig. 8. *Dromiopsis minor* von Fischer-Benzoni, 1866, MGUH 24381, dorsal view of internal cast of carapace, $\times 2$.
- Fig. 9. *Caloxanthus ornata* (von Fischer-Benzoni, 1866), MGUH 24382, siliconerubber cast of external mould of carapace, dorsal view, $\times 5$.
- Fig. 10. *Raniliformis baltica* (Segerberg, 1900), dorsal view of internal cast of carapace, $\times 2$.
- Fig. 11. *Necrocarcinus senonensis* Schlüter, 1879, dorsal view of internal cast of carapace, $\times 2.5$.
- Fig. 12. *Xanthilites cretaceus* Segerberg, 1900, MGUH 24383, dorsal view of internal cast of carapace, $\times 1.5$.

The specimens figured as Pl. 3: 10–11 are in the collection of Alice Rasmussen, Fakse.

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