

Sigmoidella paraelegantissima nov. spec.; fig. 3.

Test relatively small for the genus; from the broad side it is oval and in transverse section it is much compressed. First chambers in triloculine arrangement, later chambers sigmoidal; the last formed chambers with an inconspicuous carina at the narrow side of the test.

The species has been mentioned by Visser (Thesis, Leiden, 1950, p. 248, pl. 3, fig. 6) as *Sigmoidella elegantissima*, a species from the later Tertiary and the Recent seas. But that species is much larger and the texture of it is different. It is better to give this Cretaceous species a new name. It is found, never abundantly, in the Md and in the Kunrade Chalk.

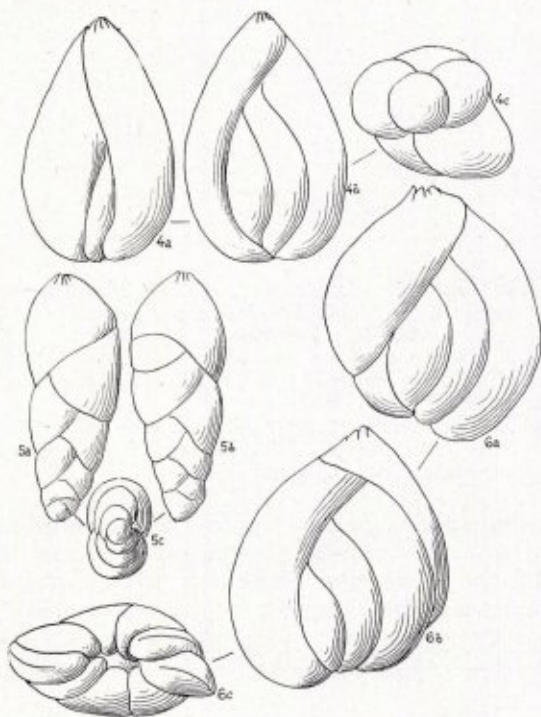


Fig. 4. *Guttulina maestrichtiensis* nov. spec.; $\times 27$; outcrop ENCI, section Romein I, 16,25 m; lower Mc; a, b, side views; c, initial side.

Fig. 5. *Pseudopolymorphina paleocenica* Brotzen; $\times 14$; Mine-shaft Maurits, 231 m, Kunrade Chalk; a, b, side views; c, initial side.

Fig. 6. *Sigmoidella truncata* nov. spec.; $\times 27$; Mine Emma, drill-hole 901; Kunrade Chalk; a, b, side views; c, initial side, showing strongly overlapping chambers.

Guttulina maestrichtiensis nov. spec.; fig. 4.

Test of medium size, length not much more than 1 mm; in side-view drop-like with the larger breadth slightly under the middle, in transverse section slightly compressed. Arrangement of the chambers quinqueloculine, chambers elongate, always reaching the base of the test.

The species is common in the Mc and Md and does not occur in the Kunrade chalk.

Pseudopolymorphina paleocenica Brotzen; fig. 5.

Pseudopolymorphina paleocenica Brotzen, Sver. geol. Unders., C, No. 493, 1948, p. 50, fig. 10—13.

Test elongate, in the initial part slightly twisted, reminding of *Pseudopolymorphina*, later chambers arranged biserially. Transverse section compressed.

This species is common in the highest type-Danian and lower Paleocene in Denmark, and also in the Lower Paleocene of Holland; it also was found in the highest levels of the Kunrade Chalk.

Sigmoidella truncata nov. spec.; fig. 6.

Test stouter and less compressed than in *Sigmoidella paraelegantissima*. Number of chambers fewer, and at the initial side the chambers strongly overlap this side, so that only the later chambers can be seen from that side. This is quite a constant characteristic, and therefore it seems opportune to give this form a specific status. It only occurs in the Kunrade Chalk.

BOEKBESPREKING

De rupsen. Systematiek, levensmillieus, voedsel, door Prof. Dr. S. K. Kiriakoff, 56 bladz. Wetenschapp. Meded. no 44 van de K.N.N.V. Prijs f 5,25, voor leden van de K.N.N.V. en N.E.V. f 2,75. Te bestellen door storting of overschrijving op postrekening 13028 van het Bureau van de K.N.N.V. te Hoogwoud N.H., met vermelding W.M. 44.

Dit boekje vormt eigenlijk deel II van de Wetensch. Meded. over de vlinders. Het eerste deel (Meded. no 35: „Inleiding tot de systematiek van de Schubvleugeligen”) was slechts een inleiding. In het tweede deel heeft de schr. zoveel mogelijk de praktische kant (o.m. de determinatie) aan bod laten komen. De lijst der soorten per voedselplant is iets nieuws. Dit boekje zal zeker welkom zijn.

K.