

Note on *LUCINA ANGULATA* K. Martin (Neogene, Java).

by

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An examination of the type specimens of *Lucina angulata* K. Martin in the "Rijksmuseum van Geologie en Mineralogie" at Leiden led me to the conclusion that this species belongs to the genus *Crassatella* Lamarck. The hinge appears indeed to be quite characteristic for this genus. In the collection of the "Geologisch Instituut" at Amsterdam a single valve of the same species from the lower miocene Rembang beds is preserved. This specimen has been recorded under the name *Crassatella parva* K. Martin by miss Pannekoek. In this identification she followed Wanner & Hahn, who record two similar single valves under the same name from the same beds. Consequently the following synonymy can be drawn up for the present species:

Crassatella (*Crassinella*) *angulata* (K. Martin)

- 1884 *Lucina angulata* nov. spec. — K. Martin, Samml. geol. R. Mus. Leiden, vol. III, p. 226, pl. XI, fig. 226.
- 1919 *Lucina angulata*. — K. Martin, Palaeozool. Kenntn. Java (Leiden), p. 67, 117.
- 1932 *Lucina angulata* Mart. — Vander Vlerk, Leidsche geol. meded., vol. V, p. 285.
- 1935 *Crassatella parva* [non] Mart. — Wanner & Hahn, Zeitschr. deutsche geol. Ges., vol. 87, p. 269, pl. 21, fig. 10.
- 1936 *Crassatella* (*Crassinella*) *parva* [non] Mart. — Pannekoek, Altmioc. Moll. Rembang (thesis, Amsterdam), p. 68.

Crassatella angulata (K. Martin) is closely related to *Crassatella* (*Crassinella*)¹⁾ *martini* (Finlay) (= *Cr. parva*

¹⁾ Finlay gave the new name *Salaputium martini* n.n. to this species. I am, however, unable to detect the characteristics of the (sub) genus *Salaputium* Iredale in it.

K. Martin 1879 non C. B. Adams 1852); it differs from this species by its less triangular outline, its less truncated posterior side and by its umbones being situated nearer to the anterior end of the shell. Moreover *Crassatella martini* has a more tumid shell than *Cr. angulata* (K. Martin).

Samenvatting.

Een door Professor Martin uit het Javaansche tertiair beschreven Pelecypode, *Lucina angulata* K. Martin, bleek bij onderzoek van het slot tot het genus *Crassatella* Lamarck te behooren. Dezelfde soort is door enkele auteurs — ten onrechte onder den naam *Crassatella parva* K. Martin — uit de oud-mioceene Rembanglagen gesignaleerd. Zij zal in het vervolg als *Crassatella (Crassinella) angulata* (K. Martin) aangeduid moeten worden.