

Short note

**Remarks on Schnettler & Heilmann-Clausen, 2011. The molluscan fauna of the Eocene Lillebælt Clay, Denmark. -- *Cainozoic Research* 8 (1-2): 41-99.**

The fine paper referred to above is the first comprehensive work on the Eocene molluscan fauna of Denmark. In agreement with its first author the following remarks are given:

1. The genus *Eocypraea* is not part of the gastropod family Ovulidae. This almost extinct group of gastropods forms a separate family Eocypraeidae within the Cypraeoidea (Fehse, 2001, 2002, 2004, 2009; Lorenz & Fehse, 2009). The last member of the Eocypraeidae is the Recent *Sphaerocypraea incomparabilis* (Briano, 1993) (Fehse, 2000).
2. In plate 4, figs 2-3 internal moulds of two different taxa are shown, indicated as *Eocypraea* cf. *oviformis*. However, the specimen in figure 3 most probably has to be assigned to the genus *Sphaerocypraea* Schilder, 1925 according to its size and shape. Therefore, Bonde (1968, see synonymy of *Eocypraea oviformis* in Schnettler & Heilmann-Clausen, 2011, p. 65) was seemingly right when assuming the existence of the genus *Sphaerocypraea* in the Lillebælt Clay.
3. The identification of internal moulds within the Cypraeoidea and Trivioidea is rather problematical. Therefore, recent papers refer to formerly described species based on internal moulds just as *nomina dubia* (Landau & Groves, 2011).
4. Schilder's (1927, 1931) papers on the Eocene of Kressenberg, Germany and Belgium should be considered.

**References**

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Dirk Fehse

Nippeser Str. 3, D-12524 Berlin, Germany  
dirk.fehse@rohde-schwarz.com