

On two preoccupied names in Polyplacophora (Mollusca)

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While preparing a catalogue of fossil Polyplacophora, as a logical continuation of the already published "Catalogue of living chitons" (Kaas & Van Belle, 1980), two minor nomenclatorial problems have come to my attention.

1. *Chiton conradi* nom. nov. pro *Chiton antiquus* Conrad, 1856, non Reeve, 1847.

The name *Chiton antiquus* was used for the first time by Conrad in Morton (1834: 6), in the list of fossil shells of the Lower Tertiary or Eocene period of the United States. As no indication whatsoever is given about that species, *Chiton antiquus* Conrad in Morton, 1834, is definitely a nomen nudum.

Reeve (1847: pl. 25, sp. and fig. 169) established a well-defined *Chiton antiquus* from Australia. This recent and common species is now known as *Callistochiton antiquus* (Reeve, 1847).

Afterwards, Conrad (1856: 266) published a diagnosis for his *Chiton antiquus*, a fossil species from the Eocene of Claiborne, Alabama. Whatever the present generic status of *Chiton antiquus* Conrad, 1856, may be, the name is a junior homonym of *Chiton antiquus* Reeve, 1847, and must be replaced. In honour of its author I propose the name *Chiton conradi*.

2. *Chiton rudelsdorfensis* nom. nov. pro *Gymnoplax bohemicus* De Rochebrune, 1883, non *Chiton bohemicus* Barrande, 1867.

Barrande (1867: 175, pl. 16 figs. 19-28) named and figured *Chiton bohemicus*, a fossil species from the Silurian of Bohemia, now known as *Chelodes bohemicus* (Barrande, 1867).

De Rochebrune (1883: 63) created the name *Gymnoplax bohemicus* for the fossil species from the Middle Miocene of Rudelsdorf, Bohemia, Reuss (1860: 257, pl. 8 figs. 1-3) had published as *Chiton siculus* Gray (?) [= *Chiton (Rhyssoplax) olivaceus* Spengler, 1797, a recent species from the Mediterranean Sea].

As not only the genus *Gymnoplax* Gray, 1821, is a synonym of the genus *Chiton* Linnaeus, 1758 (A.G. Smith, 1960: 165), and as the species concerned also belongs to

the genus *Chiton* s.s. (see Šulc, 1936: 25), the correct name becomes *Chiton bohemicus* (De Rochebrune, 1883). This name, being preoccupied by *Chiton bohemicus* Barrande, 1867, must be replaced. I propose the name *Chiton rudelsdorfensis*, in reference to the locality where the species was first discovered.

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