

Short Note



Contina, a new name for the genus *Vacekia* Conti & Szabó, 1989 (Mollusca: Gastropoda), preoccupied by *Vacekia* Buckman, 1904 (Mollusca: Ammonoidea)

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A case of homonymy between the genera *Vacekia* Buckman, 1904 and *Vacekia* Conti & Szabó, 1989 has been highlighted. *Vacekia* Buckman, 1904 (p. 156) is an ammonite ranging from the upper Toarcian (Aalensis Zone) to the middle Aalenian (Murchisonae Zone) (Elmi & Caloo Fortier, 1985; Caloo Fortier, 1985; Linares & Sandoval, 1992; Sandoval et al., 2012). *Vacekia* Conti & Szabó, 1989 (p. 33) is a gastropod based on a type species erected by Vacek (1886), that is known from the middle Jurassic sediments of Cape St. Virgilio Oolite (Conti & Szabó, 1989). In this contribution I revise the nomenclature of *Vacekia* Conti & Szabó, 1989 following the Principle of Priority (art. 23) of the International Code of Zoological Nomenclature (International Commission of Zoological Nomenclature, 1999). M.A. Conti and J. Szabó were informed about the discovery of this case of homonymy.

SYSTEMATIC PALEONTOLOGY

Class GASTROPODA Cuvier, 1797
Order ARCHAEOGASTROPODA Thiele, 1925
Superfamily TROCHACEA Rafinesque, 1815
Family TROCHIDAE Rafinesque, 1815
Subfamily ?MONODONTINAE Cossmann, 1916

Remark to the subfamily attribution - Conti & Szabó (1989), during their reinvestigation of fossils of Cape St. Virgilio Oolite studied by Vacek (1886), considered *Vacekia* Conti & Szabó, 1989 as a genus *incertae sedis* because its type species exhibits similarities and differences with genera belonging to both the subfamilies MONODONTINAE Cossmann, 1916 and CHILODONTINAE Wenz, 1938. However, in the writer's opinion there are stronger resemblances between *Vacekia* Conti & Szabó, 1989 and *Praelittorina* Kutassy, 1937, with respect to the similarities with other genera, and this could suggest the attribution of *Vacekia* Conti & Szabó, 1989 to MONODONTINAE. This option is here preferred, even if the ornamentation of the peristome is not well known. Vacek figured three views of the holotype, (pl. 18, fig. 10; Fig. 1a-c), but according to Conti & Szabó (1989) the

ornamentation of the peristome provided by Vacek is an artifact due to preparation. Unfortunately Conti & Szabó did not support their conclusion with a new figure.

Genus *Contina* nom. nov.

1989 *Vacekia* CONTI & SZABÓ, p.33.

Type species - *Littorina gardana* (Vacek, 1886, p. 109; pl. XVIII, fig. 10).

Derivatio nominis - The genus is dedicated to Maria Alessandra Conti, one of two authors who reinvestigated the gastropod fauna of the Cape St Virgilio Oolite studied by Vacek (1886).

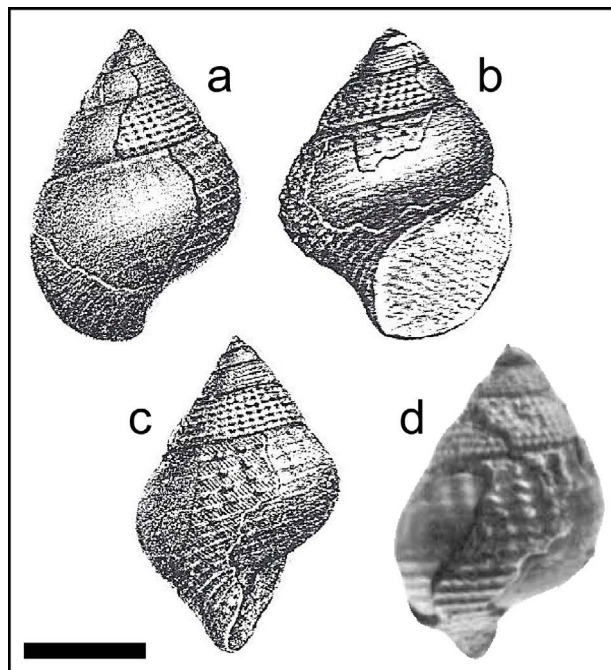


Fig. 1 - *Contina gardana* (Vacek, 1886), holotype GBA 1886/005/0066 ; a-c: from Vacek (1886); d: from Conti & Szabó (1989). Scale bar: 1 cm.

Composition of the genus - The genus was originally based on the type species only. This composition is here confirmed.

Contina gardana (Vacek, 1886)

1886 *Littorina Gardana* VACEK: p. 109, pl. XVIII, fig. 10.

1989 *Vacekia gardana* - CONTI & SZABÓ, p. 34; pl. II, figs. 5, 6.

Type series - The species is known only on the holotype. This specimen is housed in the collections of the Geologische Bundesanstalt, Vienna, under registration number GBA 1886/005/0066.

Description - *Contina gardana* has been re-described in detail by Conti & Szabó (1989, p. 34).

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In keeping with the Code of Ethics of the ICZN (1999, Appendix A, p. 124), the original authors were notified of the homonymy in 2012. The first author agreed on the suggested solution in 2012. The second author gave his consent to the Co-Editor Marco Balini for the present proposal of replacement name in 17 May 2016.

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