

**The species usually reported in the subgenus *Brochina* (Caecum, Caecidae, Caenogastropoda) from Brazil and some relevant type specimens from western Atlantic**

Ricardo Silva Absalão & Renata dos Santos Gomes

**Abstract**

Conchological analysis revealed the existence of eight species belonging to the genus *Caecum*, subgenus *Brochina* in Brazilian waters: *Caecum antillarum* Carpenter, 1858, *C. someri* de Folin, 1867, *C. achironum* de Folin, 1867, *C. circumvolutum* de Folin, 1867, *C. multicoatum* de Folin, 1867, *C. strigosum* de Folin, 1867, *C. marmoratum* de Folin, 1870 and *C. lineicinctum* de Folin, 1879. The record of the latter is the first from Brazil. The eight species are discussed, established synonymies reported, and some new synonymies proposed. Scanning electron microscope illustrations are provided of the following type-specimens: the holotype of *C. venosum* de Folin, 1867, *C. lineicinctum* de Folin, 1879, and *C. butoti* De Jong & Coomans, 1988; paratypes of *Caecum antillarum* Carpenter, 1858 and *C. johnsoni* Winkley, 1908; syntypes of *C. heladum* Olsson & Harbison, 1954; and lectotypes (herein designated) of *C. achironum* de Folin, 1868, *C. carmenensis* de Folin, 1870, *C. marmoratum* de Folin, 1870, *C. veracruzianum* de Folin, 1870, *C. vestitum* de Folin, 1870, *C. limpidum* de Folin 1874 and *C. subornatum* de Folin, 1874.

**Riassunto**

L'analisi conchigliare ha rivelato l'esistenza, nelle acque del Brasile, di otto specie appartenenti al Genere *Caecum*, Sottogenere *Brochina*: *Caecum antillarum* Carpenter, 1858, *C. someri* de Folin, 1867, *C. achironum* de Folin, 1867, *C. circumvolutum* de Folin, 1867, *C. multicoatum* de Folin, 1867, *C. strigosum* de Folin, 1867, *C. marmoratum* de Folin, 1870 and *C. lineicinctum* de Folin, 1879. Il ritrovamento di quest'ultimo è il primo per il Brasile. Queste otto specie vengono discusse, sono fornite alcune sinonimie e ne sono proposte altre nuove. Sono inoltre fornite fotografie al Microscopio Elettronico a Scansione (MES) dei seguenti esemplari-tipo: gli olotipi rispettivamente di *C. venosum* de Folin, 1867, *C. lineicinctum* de Folin, 1879, e *C. butoti* De Jong & Coomans, 1988; paratipi di *Caecum antillarum* Carpenter, 1858 e *C. johnsoni* Winkley, 1908; sintipi di *C. heladum* Olsson & Harbison, 1954; e lectotipi (qui designati) di *C. achironum* de Folin, 1868, *C. carmenensis* de Folin, 1870, *C. marmoratum* de Folin, 1870, *C. veracruzianum* de Folin, 1870, *C. vestitum* de Folin, 1870, *C. limpidum* de Folin 1874 e *C. subornatum* de Folin, 1874.

**Key words**

Caecidae, *Caecum*, *Brochina*. taxonomy, primary types, Brazil, western Atlantic.