

**Notes on terrestrial molluscs of the island of Sulawesi. 2. Description of *Coccoderma wilhelminae* spec. nov. (Gastropoda, Pulmonata, Enidae)**

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*Coccoderma wilhelminae* n. sp. is described from Sulawesi, Indonesia. It is proposed to classify the Indonesian enids with the genus *Coccoderma* because of the similarity in shell features although the anatomy of its type species is as yet unknown.

Key words: Gastropoda, Pulmonata, Enidae, *Coccoderma*, taxonomy, Indonesia, Celebes/Sulawesi.

So far, no species of *Coccoderma* is known from Sulawesi (Sarasin & Sarasin, 1899; Maassen, 1997). Only from the small island of Selayar, southeast of Sulawesi, E. A. Smith in 1896 described a species *Bulimus selayarensis*. During collecting activities on the island of Sulawesi Dr. Philippe Bouchet (1991; material in Muséum National d'Histoire Naturelle, Paris = MNHN) and the author (1995) discovered one apparently new species in the surroundings of Rantepao, Toradjaland.

***Coccoderma wilhelminae* spec. nov. (figs. 1 & 2)**

Material examined. — South Sulawesi: Tanah Toraja, Palatokke, near Rantepao, 810 m, limestone outcrop, 26.IX.1991, leg. Dr. P. Bouchet (MNHN/holotype; MNHN/paratype); Tanah Toraja, Tilangnga, SE. of Rantepao, 700 m, limestone area in secondary forest, V.1995, leg. W. J. M. Maassen (coll. Maassen/paratype).

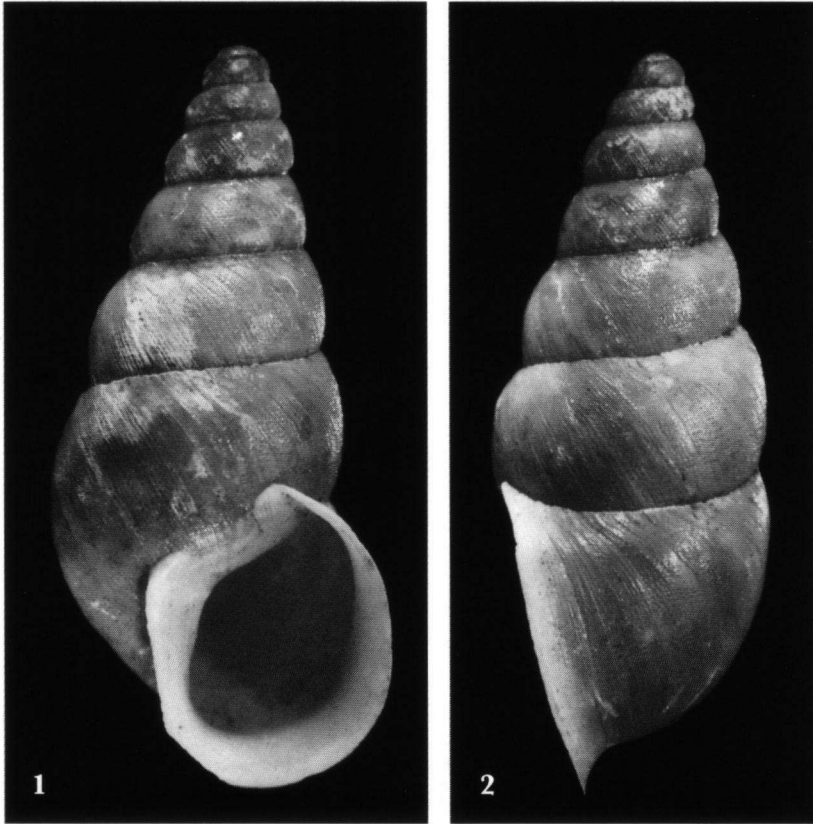
Description. — Shell high-conical, brown. Striated according to the growth lines; in addition there is a granular sculpture, distinctly spirally arranged. Dull or a little shining, not transparent. Whorls 6  $\frac{3}{4}$ , convex, suture deep. Periphery rounded. Last whorl somewhat ascending. Top obtuse, rounded. Umbilicus very narrow. Aperture large, oblique, oval and flaring. Peristome not continuous, the margins connected by a thin membrane against the penultimate whorl. Free margin white, reflected. Columellar side hiding part of the umbilicus.

Shell height 17.2-18.1 mm; width 8.2-8.4 mm; aperture height 7.5 mm, width 5.6-6.1 mm. The paratype from Palatokke was not measured, because it is not quite adult.

Derivatio nominis. — The name refers to Wilma Maassen, the author's wife and companion on collecting trips in the tropics.

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Remarks. — As shown in a previous paper (Maassen, 1998) the Indonesian enids do not belong to *Ena* or *Subzebrinus* as is usual in the literature. It is proposed to classify the Indonesian species for the time being under the genus *Coccoderma* Von Moellendorff, 1901, even though the anatomy of the type species *C. granulatum* (Von Moellendorff, 1884) is unknown because of the similarity of the shell features. It is possible that a new



Figs. 1-2. *Coccoderma wilhelminae* spec. nov., holotype, South Sulawesi, Tanah Toraja, Palatokke, near Rantepao, 810 m, limestone outcrop, 26.IX.1991, leg. Dr. P. Bouchet, height 18.1 mm; photographs by R. Bank.

genus has to be erected in the future once the anatomy of *granulatum* is studied.

*Coccoderma selayarensis* (E.A.Smith, 1896), of which I could study a possible syntype from the M.M. Schepman collection in the Zoological Museum Amsterdam, is quite different: the suture is not deep, the whorls are not convex but flattened, and the aperture is not flaring. The Javanese species are also quite different, only *Coccoderma glandula* (Mousson, 1848) shows the deep suture and the convex whorls as in *C. wilhelminae*. The Sumatran species *C. montivaga* (van Benthem Jutting, 1959) also shows different shell features.

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