

European marine Mollusca: notes on less well-known species  
V. *Cingula* (*Setia*) *macilenta* (Monterosato, 1880) and  
*Rissoa concinnata* Jeffreys, 1883

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During our studies of material, dredged in the central Mediterranean area, some samples rather frequently contained a very small rissoid, apparently related to both *Cingula* (s.l.) *intersecta* (Wood, 1856) [= *C. obtusa* (Cantraine, 1842), non *Rissoa obtusa* Brown, 1841 = *Putilla* (*Obtusella*) *cantrainei* Nordsieck, 1972], and *Cingula* (*Setia*) *turriculata* (Monterosato, 1884). Further study and comparison with samples from both the USNM<sup>1</sup> and BM<sup>1</sup> showed the species in question to be *Rissoa concinnata* Jeffreys, 1883 [compared with syntypes USNM 202239 and 182860, see Warén (1980: 22)]. At the same time, however, we found a sample of specimens belonging to the same species in the British Museum (BM 1911.10.26.24564-570) with a label in Monterosato's hand: "*Setia macilenta*/Palermo". Although recent literature on the latter, little known, nominal taxon [Nordsieck (1972: 157) and Priolo (1953: 135)] gives the original dates of publication as 1917 and 1884, respectively, it turns out that Monterosato described *Setia macilenta* in 1880 (Monterosato, 1880: 69), in the following words: "Somiglia alla *S. obtusa*, Cantr., ma non è striata, è più conica, acuta e con la sutura più profonda. Labbro tagliente invece d'ingrossato". Notwithstanding the fact that Monterosato (1884a, b) mentions both *Cingulina concinnata* (1884a: 281; 1884b: 67) and *Pseudosetia macilenta* (1884a: 281; 1884b: 75), there can be no doubt that both names refer to the same species.

It is true that both Jeffreys and Monterosato describe this species as smooth, whereas in reality many specimens show very fine spiral lines, which might be the cause for confusion on Monterosato's part. Also Watson (1886: 606) has pointed out the presence of spiral "sculpture" in *R. concinnata*. Although Monterosato (1880: 69) first described this species as *Setia macilenta* and later on (1884b: 75) placed it in the (sub)genus *Pseudosetia*, we consider the differences with *Cingula* (*Setia*) *turriculata* and *Cingula* (*Setia*) *pulcherrima* (Jeffreys, 1848) to be of a specific nature only and thus conclude for the same reasons as given earlier (Van Aartsen & Verduin, 1978: 28) that the correct name must be *Cingula* (*Setia*) *macilenta* (Monterosato, 1880). *Rissoa concinnata* Jeffreys, 1883 is a junior synonym.

<sup>1</sup> BM, British Museum (Natural History), London; USNM, United States National Museum of Natural History, Washington, D.C.

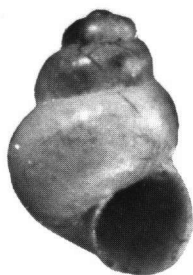


Fig. 1. *Cingula (Setia) macilenta* (Monterosato, 1880), x 40. Syntype of *Rissoa concinnata* Jeffreys, 1883, USNM 202239.

Because the only known figure of this species (Jeffreys, 1883: pl. 16 fig. 2) is a rather poor drawing, we give a figure of one of Jeffreys' syntypes (USNM 202239).

The species is now known from off Crete, 70-120 fms. (Jeffreys, 1883) and from Palermo and Naples (Monterosato, 1884b); from the central Tyrrhenian Sea (dredged, 20-400 m) in collection Carrozza, Soiana (Italy) and Van Aartsen collection; also from Haifa Bay (Israel) (75 m), Ria de Arosa (Atlantic coast of Spain) (40 m) as well as (very rare) from shell-grits washed ashore at Calpe (Spain) and St. Tropez (France), all in Van Aartsen collection.

#### REFERENCES

- AARTSEN, J.J. VAN, & A. VERDUIN, 1978. On the conchological identification of *Cingula (Setia) fusca* (Philippi, 1841), *C. (S.) turriculata* (Monterosato, 1884), and *C. (S.) inflata* (Monterosato, 1884), marine gastropods from the Mediterranean. - *Basteria* 42: 27-47.
- JEFFREYS, J.G., 1883. Mediterranean Mollusca, no 3, and other Invertebrata. - *Ann. Mag. nat. Hist.* (5) 11: 393-401.
- MONTEROSATO, T.A. DI, 1880. Conchiglie della zona degli abissi. - *Bull. Soc. malac. ital.* 6: 50-82.
- , 1884a. Conchiglie littorali Mediterranee. - *Naturalista sicil.* 3 (10): 277-281.
- , 1884b. Nomenclatura generica e specifica di alcune conchiglie Mediterranee: 1-152. Palermo.
- NORDSIECK, F., 1972. Die europäischen Meeresschnecken: I-XIII, 1-327. Stuttgart.
- PRIOLO, O., 1953. Nuova revisione delle conchiglie marine di Sicilia. Memoria V. - *Atti Accad. Gioenia Sci. nat.* (6) 8: 109-135.
- WATSON, R.B., 1886. Report on the Scaphopoda and Gasteropoda collected by H.M.S. Challenger during the years 1873-76. - *Rep. scient. Results Voy. Challenger (Zoology)* 42: 1-756.