CALCARINA CALCAR D'ORBIGNY, 1839 (PROTOZOA,
FORAMINIFERIDA): PROPOSED CONSERVATION BY THE
SUPPRESSION OF *CALCARINA STELLATA* DE FERUSSAC, 1827.
Z.N.(S.)2344

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In 1781 Spengler published a work on foraminifera and small gastropods from sand contained in larger gastropod shells from the Coromandel Coast in India (the location of the Danish trading station Tranquebar during the period 1616 to 1845). Spengler did not use Linnean names but on the basis of his description and illustration, de Férussac, 1827, p. 182, named one of the species *Calcarina stellata*.

2. The species in question is conspecific with *Calcarina calcar* d'Orbigny, 1826 (p. 276). The latter is, however, a *nomen nudum*; d'Orbigny listed the name, but gave no description of the species and no figure (his work was accompanied by a collection of plaster models).

3. In 1839 d'Orbigny (p. 81) described the species in his work on the foraminifera from Cuba; he also gave an illustration (pl. 5, figs. 22, 24). Recently Le Calvez (1977, pp. 15–17) selected and depicted a lectotype of *Calcarina calcar* d'Orbigny, 1839.

4. As *Calcarina calcar* d'Orbigny, 1826 is a *nomen nudum* the name *Calcarina stellata* de Férussac, 1827 has priority. However, to my knowledge this specific name has not been in use since 1827, while the name *Calcarina calcar* d'Orbigny has been used in numerous publications (for example by Graham & Militante, 1958; Jell *et al.*, 1965; Betjeman, 1969; Murray, 1973; Biswas, 1976; Hughes, 1977 and Hallock, 1979). The species is a very common shallow water form from subtropical and tropical seas.

5. In order to stabilize the nomenclature the International Commission on Zoological Nomenclature is hereby requested to:

- (1) use its plenary powers to suppress the specific name *stellata* de Férussac, 1827, as published in the binomen *Calcarina stellata*, for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
- (2) place on the Official List of Specific Names in Zoology the specific name *calcar* d'Orbigny, 1839 as published in the binomen *Calcarina calcar*;
- (3) place on the Official Index of Rejected and Invalid Names in Zoology the specific name *stellata* as published in the binomen *Calcarina stellata* and as suppressed under the plenary powers in (1) above.

[Note: the species *Calcarina calcar* has erroneously been mentioned as the type species of the genus *Calcarina* d'Orbigny, 1826. However Loeblich & Tappan, 1962, pointed out that the correct type species of this genus is *Calcarina spengleri* (Gmelin, 1791). The original type species was described

from sand contained in an east Indian gastropod, *Buccinum cassideum*. The shell was located in the Zoological Museum in Copenhagen and Hansen, 1980, after examination of topotypic material still contained in the shell, selected a neotype for *Calcarina spengleri*. It has been shown (Hansen & Reiss, 1971) that the species *Calcarina calcar* actually belongs to the genus *Pararotalia* Le Calvez, 1949.]

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