

Title :	<b>Fossil diatoms from southern Baja California</b>
Author :	G. Dallas Hanna and A.L. Brigger
Species Name :	Synonyms for <b>Auliscus sculptus</b>

**Auliscus sculptus** (W. Smith).

(Figure 18.)

*Eupodiscus sculptus* W. SMITH, Syn. British Diat., vol. 1, 1853, p. 25, pl. 4, fig. 42.

*Auliscus sculptus* (W. Smith), RALFS in Pritchard, 1861, p. 845, pl. 6, fig. 3.

*Auliscus coelatus* BAILEY, 1854. Smithsonian Cont. Knowl., vol. 7, p. 6, pl. 1, figs. 3, 4. SCHMIDT, Atlas Diat., pl. 32, 1875, fig. 15. Monterey, fossil. HANNA AND GRANT, 1926. Proc. Calif. Acad. Sci., ser. 4, vol. 15, no. 2, p. 129, pl. 13, fig. 8. Maria Madre Island, Mexico.

Although there are many species of *Auliscus* in west American deposits of diatomite, this is one of the most distinct and least variable. There is much confusion among the records in the literature between diatoms identified as *A. coelatus* and those called *A. sculptus*. The latter was described in 1853 and therefore has priority over Bailey's name. Hendey (1964, pp. 98-99) pointed out that the two names apply to the same species after he had examined Bailey's type slide and we agree fully that the later name should be reduced to synonymy.

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