

species. In *Chætoderma nitidulum*, Lovén, the calcareous needles, for instance, on the hind end of the body are, according to Greeff's report (*Anatomie des Chætoderma nitidulum*, Lovén, *Zeitschr. f. wiss. Zool.*, Bd. xxvi. Taf. xiii. figs. 24-26), also flattened, but they are not elliptical in cross-section, like those of *Chætoderma militare*. And again, the spicules on the body of the latter are much less numerous, and we cannot doubt that the examination of fresh or well-preserved specimens of the tropical form would reveal other differences, which, with the material before me, I am unable to detect.