

of which these rocks are in some cases almost wholly composed. One of the most characteristic fossils of the Muschelkalk is the *Encrinus liliiformis* (Fig. 379). Species of urchins (*Cidaris*) are common in the Alpine Trias. An

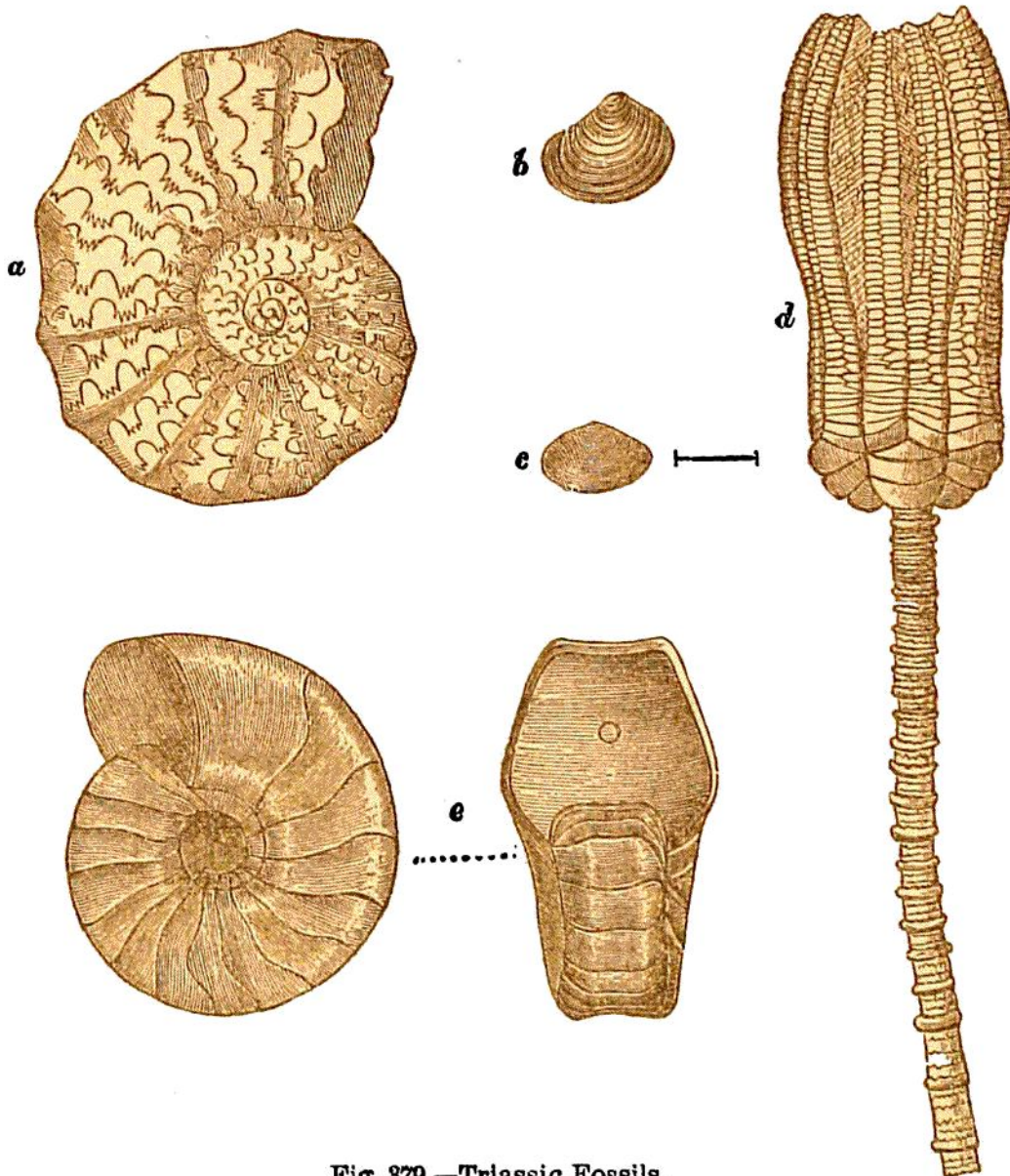


Fig. 379.—Triassic Fossils.

*a*, *Ceratites nodosus*, De Hann.; *b*, *Estheria minuta*, Goldf. (♂); *c*, *Pullastra arenicola*, Strickland (nat. size and enlarged); *d*, *Encrinus liliiformis*, Schloth. (nat. size); *e*, *Nautilus bidorsatus*, Schloth. (♂).

abundant fossil in some of the upper Triassic and Rhætic shales is the little phyllopod *Estheria* (Fig. 379, *b*). Long-tailed decapods, like our living shrimps and prawns, were well represented (*Penæus*, *Æger*, *Pemphyx*, etc.). The brachiopods, while showing some resemblances to those of