

There is a recent genus of Star-fishes, called *Euryale*, which, in the multi-radiate character of the articulated dichotomous arms and their curious extremities, approaches very closely to the Crinoideæ, which it seems to connect with the Ophiuræ.

The *Asterias* are stellate in form; the rays are flat, and extend from the body, of which they are a prolongation, and have deep grooves bordered with marginal plates, extending to their extremities.

The Lias of Germany contains several species of *Asterias* (*Lign.* 74.). A large species occurs in the cornbrash of the oolite of this country; and our chalk has also yielded some beautiful examples.*

GONIASTER (*Cushion-star*). *Lign.* 73 and 75.—The Stelleridæ of this genus are of a pentagonal form, and bordered by marginal plates. The recent species are beset by spines; and, although I have observed no trace of such appendages in the fossils, I am induced to refer the species most common in the chalk to this genus, from the close analogy of their skeletons, both in form and structure, to the recent. The two species figured are well known, and were described by Mr. Parkinson (*Org. Rem.* Vol. III. Pl. I. figs. 1 and 3.). The detached ossicula of the

* A remarkably fine specimen of *Asterias* in Chalk, almost as perfect as if recent, has been discovered by Mrs. Smith, of Tunbridge Wells, and is preserved in that lady's choice collection.