

land, which closely resemble those of the recent species. Numerous Pentacrinites abound in the Lias and Oolite of Dorsetshire, Somersetshire, &c., where entire strata are composed of their aggregated remains. Slabs of limestone may be extracted with the surface covered with these crinoideans, spread out as if floating in their native element; very commonly they are transmuted into sulphuret of iron, or have a coating of brilliant pyrites. The neighbourhood of Lyme Regis, and Charmouth, is celebrated for these organic remains. A small specimen of the arms of a Pentacrinite on shale, is figured *Lign.* 72, fig. 3.

ACTINOCRINITES (*Nave Encrinite*). *Lign.* 72, figs. 1, 2. *Wond.* p. 585. *Bd.* plate 47.—The column is formed of numerous round ossicula, possesses side-arms, and is fixed by root-like processes. The receptacle is of an irregular subspherical form, the arms passing off at right angles like the spokes from the nave of a wheel; hence the popular name. The base is composed of three plates which support five hexagonals and one pentagonal, and on these are three other series; from the upper margin of the last, five arms are given off, and above the arms the pelvis is covered over with a dome-shaped tessellated pavement (see fig. 2, *Lign.* 72.), on one side of which is an opening for the mouth. The specimen, fig. 1, *Lign.* 72, is the body without a stem, and with a few joints only of