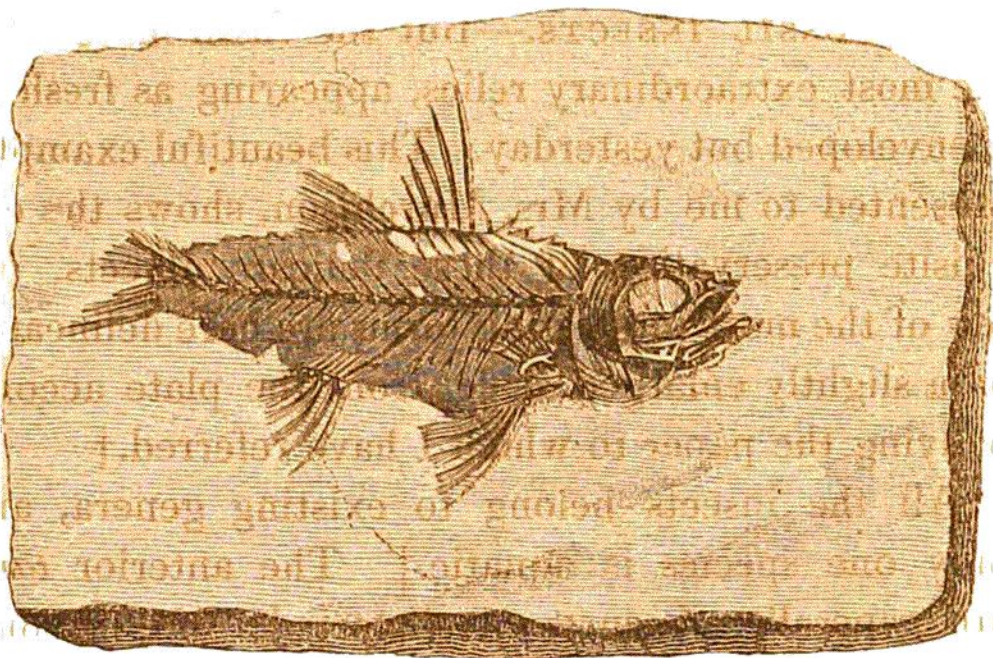


palms, and other plants; fresh-water univalve and bivalve shells, particularly a species of *cyclas* in great abundance. The *cyclas* inhabits lakes and marshes, and therefore positively denotes the lacustrine character of the deposits. 4. Fresh-water limestone. To the south, extending towards Toulon, are lacustrine strata of red marl, with compact limestone inclosing shells, gyrogonites, &c. Still farther to the south, beds of grey fresh-water limestone appear; and at Fuveau, (see the section, Pl. 9, fig. 3,) a series of blue limestone, shale, and coal, which is extensively worked. Fresh-water



Tab. 44.—FOSSIL FISH, FROM AIX.

(*Smerdis minutus*.)

(Drawn by Miss Jane Allnutt.)

shells, seed vessels of *charæ*, and other vegetable remains, occur in abundance in the coal-beds and intermediate layers of shale. The section employed