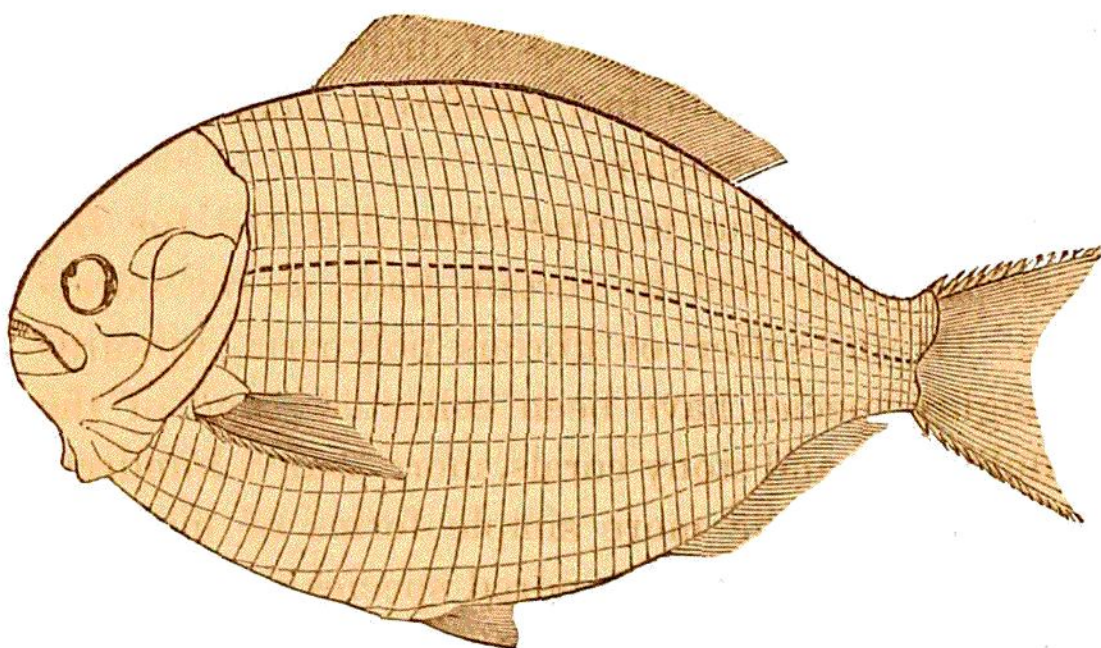


toothed) and *lepidoides* (with thick scales) as prevailing most extensively during the oolitic era; the round, subconical, shining teeth of the one, and the lozenge-shaped, polished scales of the other, are



TAB. 88.—RESTORED FIGURE OF THE DAPEDIUS OF THE LIAS.

(One-sixth the natural size. By M. Agassiz.)

abundant in the limestone. In the lias, the teeth, scales, bones, and perfect examples of fish, particularly of the genus *dapedius* (Tab. 88), have been found, together with many others, of which specimens are in my museum. More than forty species of reptiles have been described, and there are still many undetermined; of mammalia, two genera, as I have previously stated, have been discovered.

16. STATE OF FOSSILIZATION.—The state of preservation of the organic remains, of course varies with the nature of the strata in which they are