

strange form, with a very small head, furnished with two powerful paddles, or arms, like wings, and a mouth placed far behind the nose, was entirely covered with scales. The *Cephalaspis* (No. 3), which has a considerable outward resemblance to some fishes of the present time, was nevertheless mail-clad, only on the anterior part of the body.

Other fishes were provided with no such cuirass, properly so called, but were protected by strong resisting scales, enveloping the

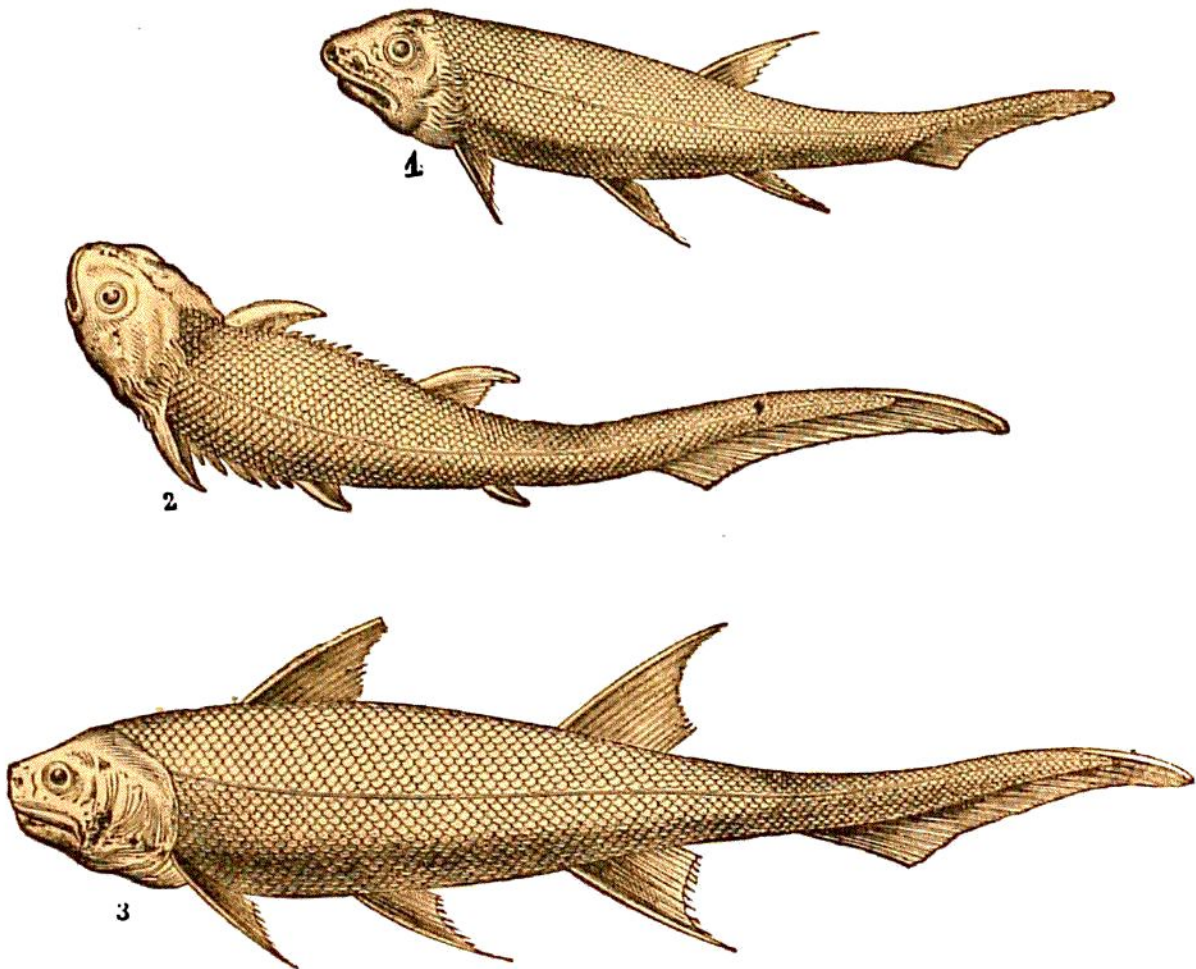


Fig. 32.—Fishes of the Devonian epoch. 1. *Acanthodes*. 2. *Climatius*. 3. *Diplacanthus*.

whole body. Such were the *Acanthodes* (1), the *Climatius* (2), and the *Diplacanthus* (3), represented in Fig. 32.

Among the organic beings of the Devonian rocks we find worm-like animals, such as the *Annelides*, protected by an external shell, and which at the present day are probably represented by the *Serpulæ*. Among Crustaceans the *Trilobites* are still somewhat numerous, especially in the middle rocks of the period. We also find there many different groups of Mollusca, of which the *Brachiopoda* form more than one-half. We may say of this period that it is the reign